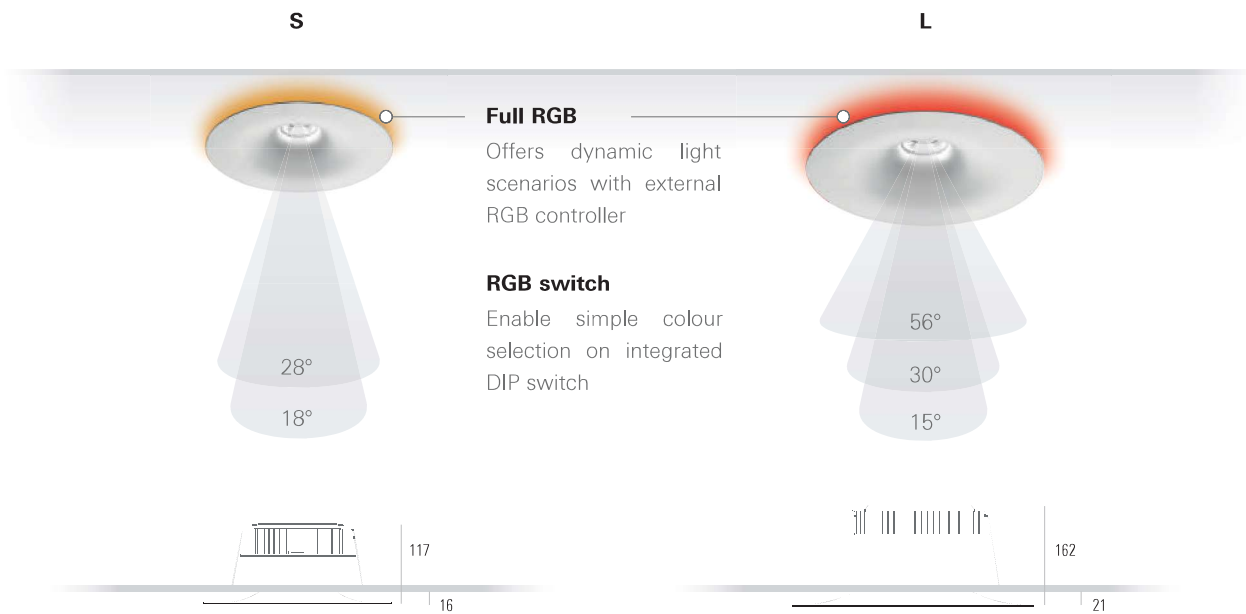


A multifunctional downlight

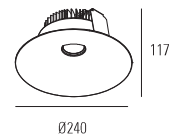
For an unexpected ambient performance



Flott S

Ø150x200

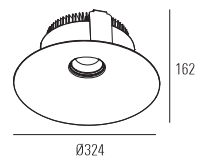
LUMEN OUTPUT	POWER	DRIVER	OPTICS	WEIGHT (kg)	ARTICLE NO	
Versions with full RGB					3000K	4000K
900 lm	8W	FO, DALI	18°, 28°	1,7	19378x1z111	19378x2z111
1600 lm	15W	FO, DALI	18°, 28°	1,7	19377x1z111	19377x2z111
2250 lm	21W	FO, DALI	18°, 28°	1,7	19371x1z111	19371x2z111
Versions with RGB switch						
900 lm	8W	FO, DALI	18°, 28°	1,7	19378x1z211	19378x2z211
1600 lm	15W	FO, DALI	18°, 28°	1,7	19377x1z211	19377x2z211
2250 lm	21W	FO, DALI	18°, 28°	1,7	19371x1z211	19371x2z211



Flott L

Ø218x200

LUMEN OUTPUT	POWER	DRIVER	OPTICS	WEIGHT (kg)	ARTICLE NO	
Versions with full RGB					3000K	4000K
1750 lm	14W	FO, DALI	15, 30, 56°	2,5	19372x1z111	19372x2z111
2650 lm	22W	FO, DALI	15, 30, 56°	2,5	19375x1z111	19375x2z111
3300 lm	28W	FO, DALI	15, 30, 56°	2,5	19376x1z111	19376x2z111
Versions with RGB switch						
1750 lm	14W	FO, DALI	15, 30, 56°	2,5	19372x1z211	19372x2z211
2650 lm	22W	FO, DALI	15, 30, 56°	2,5	19375x1z211	19375x2z211
3300 lm	28W	FO, DALI	15, 30, 56°	2,5	19376x1z211	19376x2z211



Available also with CRI 95.

RGB switch includes also driver for RGB, separate switching for direct-indirect light component.

Full RGB option requires external driver and controller. See the driver list in the technical pages.

Select your preferred option

For detailed explanations see technical pages.

Driver (for spot)	x	Optics Flott S	z	Optics Flott L	z
FO - Fixed output	0	18°	1	15°	1
DALI-TD	2	28°	2	30°	2
				56°	3



Nitor

Simply efficient

Taking efficiency way beyond energy saving.

The classic downlight has been fundamentally improved and overhauled. With uncompromising performance, maximum efficiency and with a wide variety of applications it has become an indispensable part of (almost) every project.

It's also a relamping opportunity, where energy consumption can be decreased by up to 70% and a fast payback time can be reached. Moreover, with the same diameter, the luminaire replacement is quick and clean, with no need for additional ceiling work.

Efficiëntie die veel verder gaat dan energiebesparing.

De klassieke downlighter werd door ons fundamenteel verbeterd en gemoderniseerd. Met zijn compromisloze prestaties, maximale efficiëntie en vele toepassingsmogelijkheden is de Nitor tegenwoordig een onmisbaar onderdeel van (bijna) elk project.

Nitor is de ideale vervanger van conventionele verlichting; Het energieverbruik kan met 70% worden verlaagd en bovendien kan dit armatuur snel en ordelijk vervangen worden. Dankzij zijn identieke diameter is hierbij geen bijkomend plafondwerk nodig. Hierdoor kunt u binnen zeer korte tijd uw investering terugverdienen.

Pour pousser l'efficacité bien au-delà des économies d'énergie.

Le downlight classique a été radicalement amélioré et remanié. Avec des performances sans compromis, une efficacité maximale et une grande variété d'applications, c'est devenu un composant indispensable de (presque) tous les projets.

Il représente également une excellente occasion de relampage, en permettant jusqu'à 70 % de réduction de la consommation d'énergie et en offrant un retour sur investissement très rapide. En plus, avec le même diamètre, le remplacement du luminaire est propre et rapide, sans faire de travaux supplémentaires sur le plafond.











Wide variety of applications

Uncompromising performance and efficiency



NITOR

PRO

Low glare

PRO HC

High ceiling

PRO AS

Asymmetric

Light output

Lighting fixture	1300 - 4000 lm	1700 - 5100 lm	1300 - 4000 lm
Driver current	250 - 900mA	350 - 900mA	250 - 900mA

Efficacy

Lighting fixture (500mA)	up to 141 lm/W	up to 138 lm/W	up to 141 lm/W
--------------------------	----------------	----------------	----------------

LED colour

830 / 840	830 / 840	830 / 840
-----------	-----------	-----------

UGR class

UGR<16	UGR<16	-
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Beam angle

15° / 30° / 56°	10° / 15°	Asymmetric
-----------------	-----------	------------

IP protection

IP20	IP20	IP20
------	------	------

Driver and emergency kit

Order separately	Order separately	Order separately
------------------	------------------	------------------

Colour finish

1 2	1 2	1 2
-----	-----	-----

**FLAT SOP / DPR**

Soft light diffusers

HE

High efficiency

HE IP44

High efficiency

990 - 2350 lm
350 - 900mA1300 - 4100 lm
250 - 900mA1250 - 3800 lm
250 - 900mA

up to 108 lm/W

up to 144 lm/W

up to 125 lm/W

830 / 840

830 / 840

830 / 840

-

-

-

Wide

Wide

Wide

IP44

IP20

IP44

Order separately

Order separately

Order separately

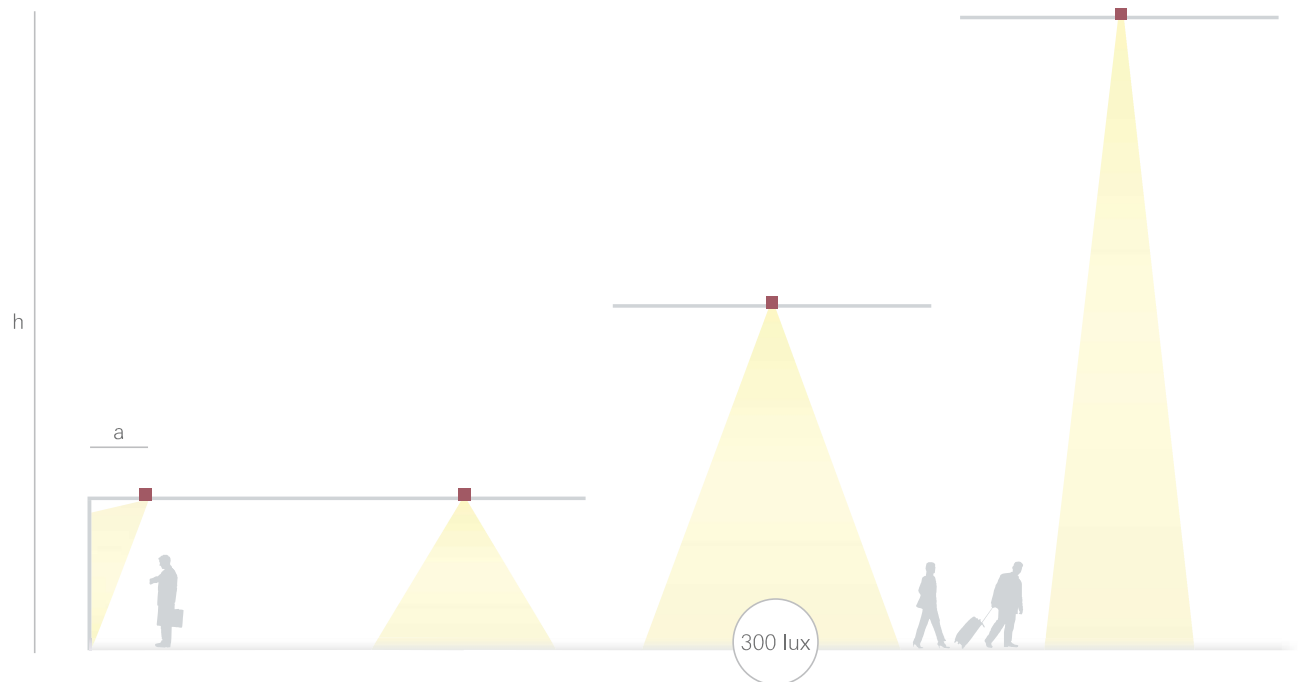
1 2

1 2

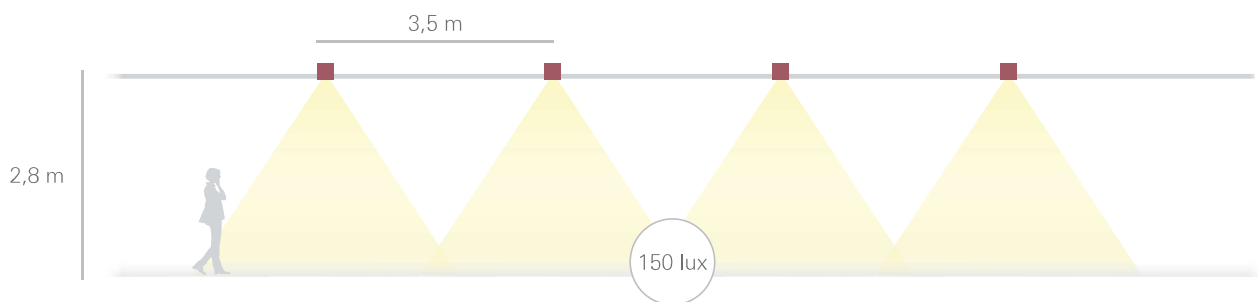
1 2

A professional range for various applications

Efficient at various heights, available with different lumen packages and beam angles



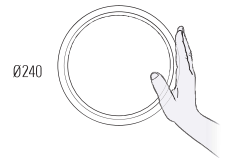
Nitor PRO AS	Nitor PRO	Nitor PRO	Nitor PRO HC
$h = 3 \text{ m}$ $a = h/3$	$h = 3 \text{ m}$	$h = 8 \text{ m}$	$h = 13 \text{ m}$
AS, 1900 lm	56°, 1900 lm	30°, 3600 lm	10°, 3600 lm



	Diameter	Power	LEF	Lifetime	Emissions
Nitor HE 2300 lm	Ø 220 mm	22 W	105 lm/W	50.000 h	0,5 t

Nitor RV PRO

Recessed



Features

Light output: 1300 - 5100 lm Colours: **1** **2**



Installation: Recessed ceiling with visible trim (RV). **Light source:** High-power COB LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Cooling system:** Passive cooling heat sink made from die-cast aluminium. **Optic:** Highly efficient optic with uniform distribution, metallized polycarbonate, lacquer finish with funnel made from polycarbonate (funnel from aluminium for AS and HC version). **Body:** Polycarbonate. **Control gear:** Constant current driver - order separately. **Emergency:** Emergency kit version with autonomy 1h or 3h - order separately. **IP protection:** 20. **Accessories** (order separately): Steel sheet box for concrete installation.

Montagewijze: Inbouw met zichtbare rand (RV). **Lichtbron:** High-power LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Koelsysteem:** Die-cast aluminium heatsink met passieve koeling. **Optiek:** Uiterst efficiënte afscherming met gelijkmatige verdeling, gemetalliseerd polycarbonaat, lakafwerking met funnel uit polycarbonaat (funnel van aluminium voor AS-en HC-uitvoering). **Behuizing:** Polycarbonaat. **Voeding:** Constante stroomgestuurde driver - afzonderlijk bestellen. **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur - afzonderlijk bestellen. **IP:** 20. **Accessoires** (apart te bestellen): Plaatstalen doos voor betoninstallatie.

Montage: Encastré Plafond bord visible (RV). **Source de luminaire:** LED haute puissance, IRC > 80, MacAdam ≤ 3, 50.000h L80 B10. **Dispositif de refroidissement:** Refroidissement passif avec diffuseur de chaleur en fonte d'aluminium. **Optique:** Optique haute efficacité à distribution uniforme, polycarbonate métallisé, finition laquée avec cône en polycarbonate (cône en aluminium pour version AS et HC). **Corps:** Polycarbonate **Platine:** Driver à courant constant - à commander séparément. **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h - à commander séparément. **Indice IP:** 20. **Accessoires** (à commander separement): Boîte en tôle d'acier pour l'installation dans béton.

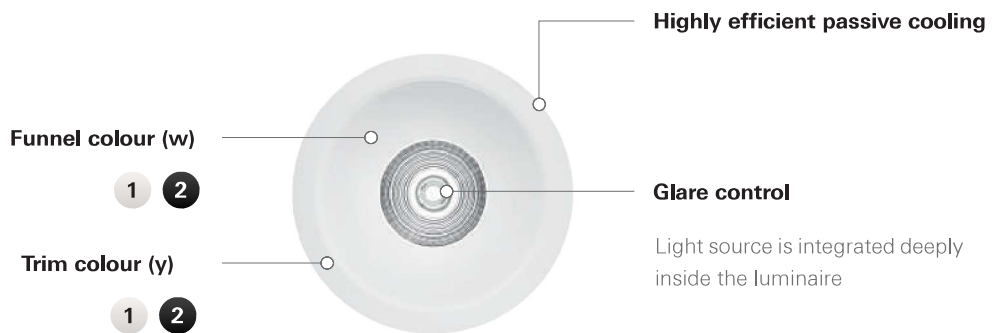
A professional range for all your needs

Efficient at various heights, available with different lumen packages and beam angles



Colours and technology

Select options that blend in discretely or add contrast to space



White



Black



White/Black

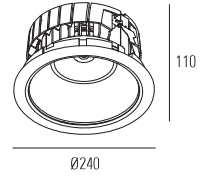
Nitor RV PRO

Ø220x130



LUMEN OUTPUT	POWER	DRIVER	Vf	OPTICS	WEIGHT (kg)	ARTICLE NO	
						3000K	4000K
1300 lm	8W	250mA	36V	15, 30°, 56°	1,7	1481z02110yw	1481z02210yw
1750 lm	12W	350mA					
2400 lm	17W	500mA					
3300 lm	25W	700mA					
4000 lm	33W	900mA					

⚠ Driver must be ordered separately.



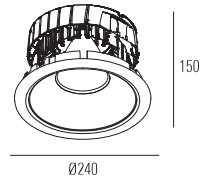
Nitor RV PRO HC

Ø220x170



LUMEN OUTPUT	POWER	DRIVER	Vf	OPTICS	WEIGHT (kg)	ARTICLE NO	
Versions with COB LES 15						3000K	4000K
1700 lm	12W	350mA	36V	10°	1,9	1481602110yw	1481602210yw
2350 lm	17W	500mA					
3200 lm	25W	700mA					
3900 lm	33W	900mA					
Versions with COB LES 22							
5100 lm	36W	700mA	52V	15°	1,9	1481603110yw	1481603210yw

⚠ Driver must be ordered separately.



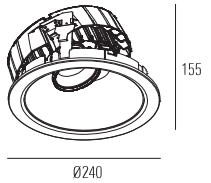
Nitor RV PRO AS

Ø220x175



LUMEN OUTPUT	POWER	DRIVER	Vf	OPTICS	WEIGHT (kg)	ARTICLE NO	
Versions with COB LES 15						3000K	4000K
1300 lm	8W	250mA	36V	asymmetric	1,9	1481702110yw	1481702210yw
1750 lm	12W	350mA					
2400 lm	17W	500mA					
3300 lm	25W	700mA					
4000 lm	33W	900mA					

⚠ Driver must be ordered separately.



Select your preferred option

For detailed explanations see technical pages.

Optics	x	Trim colour	y	Funnel colour	w
15°	3	White	1	White	1
30°	4	Black	2	Black	2
56°	5				

Drivers



TYPE	CUT-OUT DIM	COB 36V	COB 52V	ARTICLE NO
Driver U20 20W 250-700mA max.54V FO	55 mm	max.550mA	x	702120100
Driver P42 42W 500-1050mA max.45V FO	54 mm	ok	x	702120196
Driver MP50 50W 350-1050mA max.74V FO	84 mm	ok	ok	702120075
Driver P38D 38W 300-900mA max.54V DALI	54 mm	ok	max.700mA	702120256
Driver J40D 40W 350-1050mA max.58V DALI / 1-10V / push	84 mm	ok	ok	702120198
Driver J50D 50W 350-1050mA 2-74V DALI / 1-10V	84 mm	ok	ok	702120117

Emergency kit

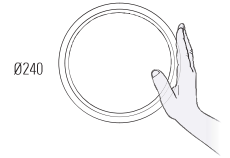
LED EM kit 1h 350mA 9-57V DC	702230114
LED EM kit 3h 350mA 9-57V DC	702230115

Accessories

TYPE	ARTICLE NO
Nitor reinforced plate 333x333 mm	701133280
Nitor recessed box for concrete ceilings (for PRO and HC versions)	14800500010

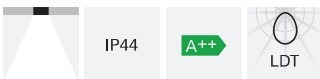
Nitor RV Flat

Recessed



Features

Light output: 1000-2350 lm Colours: 1 2



Installation: Recessed ceiling with visible trim (RV). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Cooling system:** Passive cooling heat sink made from die-cast aluminium. **Optic:** Satin opal PMMA diffuser (SOP), Soft-light prismatic PMMA diffuser (DPR). **Body:** Polycarbonate. **Control gear:** Constant current driver - order separately. **Emergency:** Emergency kit version with autonomy 1h or 3h - order separately. **IP protection:** 44.

Montagewijze: Inbouw met zichtbare rand (RV). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Koelsysteem:** Die-cast aluminium heatsink met passieve koeling. **Optiek:** Gesatineerde opalen PMMA afscherming (SOP), Soft-light prismatic PMMA-afscherming (DPR). **Behuizing:** Polycarbonaat. **Voeding:** Constante stroomgestuurde driver - afzonderlijk bestellen. **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur - afzonderlijk bestellen. **IP:** 44.

Montage: Encastré Plafond bord visible (RV). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC > 80, MacAdam ≤ 3 , 50.000h, L80 B10. **Dispositif de refroidissement:** Refroidissement passif avec diffuseur de chaleur en fonte d'aluminium. **Optique:** Diffuseur en PMMA opal satiné (SOP), Diffuseur PMMA prismatique à lumière douce (DPR). **Corps:** Polycarbonate **Platine:** Driver à courant constant - à commander séparément. **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h - à commander séparément. **Indice IP:** 44.

Low profile downlight

Efficient and homogeneous illumination

Advanced cooling

For optimal thermal management and enhanced product durability

Efficient optics

Satin opal diffuser (SOP) for soft general illumination or soft-light prismatic optics (DPR) for controlled luminance

Trim colour (y)

1 2

Funnel colour (w)

1 2

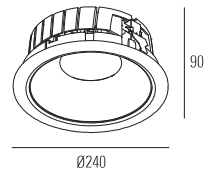
Nitor RV Flat DPR

Ø220x110



LUMEN OUTPUT	POWER	DRIVER	Vf	WEIGHT (kg)	ARTICLE NO	
					3000K	4000K
1050 lm	9W	350mA	27V	1,7	1481202120yww	1481202220yww
1400 lm	13W	500mA				
1800 lm	19W	700mA				
2350 lm	25W	900mA				
Version with tunable white LED module						TW
1850 lm	13W	450mA	27V	1,7	1481202620yww	

⚠ Driver must be ordered separately. Tunable white COB version require DALI driver LC35/2DA and 11 kΩ resistor.



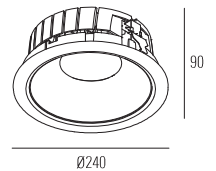
Nitor RV Flat SOP

Ø220x110



LUMEN OUTPUT	POWER	DRIVER	Vf	WEIGHT (kg)	ARTICLE NO	
					3000K	4000K
990 lm	9W	350mA	27V	1,7	1481102120yww	1481102220yww
1350 lm	13W	500mA				
1750 lm	19W	700mA				
2200 lm	25W	900mA				
Version with tunable white LED module						TW
1850 lm	13W	450mA	27V	1,7	1481102620yww	

⚠ Driver must be ordered separately. Tunable white COB version require DALI driver LC35/2DA and 11 kΩ resistor.



Select your preferred option

For detailed explanations see technical pages.

Trim colour	y	Funnel colour	w
White	1	White	1
Black	2	Black	2

Drivers



TYPE	CUF-OUT DIM	PCB 27V	PCB TW 27V	ARTICLE NO
Driver U20 20W 250-700mA max.54V FO	55 mm	max 700mA	x	702120100
Driver P42 42W 500-1050mA max.45V FO	54 mm	ok	x	702120196
Driver P38D 38W 300-900mA max.54V DALI	54 mm	ok	x	702120256
Driver LC35/2DA TW 35W 350-700mA DALI	86 mm	x	ok	702120219
Resistor 11 kΩ for 450mA set for TW driver				702190156
Version with tunable white LED module				
LED EM kit 1h 350mA 9-57V DC				702230114
LED EM kit 3h 350mA 9-57V DC				702230115

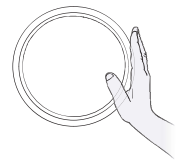
Accessories

TYPE	ARTICLE NO
Nitor reinforced plate 333x333 mm	701133280

Nitor RV HE

Recessed

Ø240



EFFICACY
up to
160 lm/W

Features

Light output: 1300-4100 lm Colours: **1** **2**



Installation: Recessed ceiling with visible trim (RV). **Light source:** High-power COB LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Cooling system:** Passive cooling heat sink made from die-cast aluminium. **Optic:** Highly efficient optic with uniform distribution, metallized polycarbonate, lacquer finish with funnel made from polycarbonate. **Body:** Polycarbonate. **Control gear:** Constant current driver - order separately. **Emergency:** Emergency kit version with autonomy 1h or 3h - order separately. **IP protection:** 20, 44. **Accessories** (order separately): Steel sheet box for concrete installation.

Montagewijze: Inbouw met zichtbare rand (RV). **Lichtbron:** High-power LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Koelsysteem:** Die-cast aluminium heatsink met passieve koeling. **Optiek:** Uiterst efficiënte optiek met gelijkmatige verdeling, gemetalliseerd polycarbonaat, lakafwerking met funnel van polycarbonaat. **Behuizing:** Polycarbonaat. **Voeding:** Constante stroomgestuurde driver - afzonderlijk bestellen. **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur - afzonderlijk bestellen. **IP:** 20, 44. **Accessoires** (apart te bestellen): Plaatstalen doos voor betoninstallatie.

Montage: Encastré Plafond bord visible (RV). **Source de luminaire:** LED haute puissance, IRC > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Dispositif de refroidissement:** Refroidissement passif avec diffuseur de chaleur en fonte d'aluminium. **Optique:** Optique haute efficacité à distribution uniforme, polycarbonate métallisé, finition laquée avec cône en polycarbonate. **Corps:** Polycarbonate **Platine:** Driver à courant constant - à commander séparément. **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h - à commander séparément. **Indice IP:** 20, 44. **Accessoires** (à commander séparément): Boîte en tôle d'acier pour l'installation dans béton.

A classic downlight, substantially improved

Uniform illumination, up to 63% more efficient



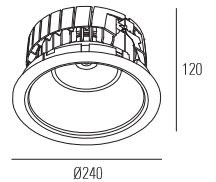
Nitor RV HE

Ø220x140



LUMEN OUTPUT	POWER	DRIVER	Vf	WEIGHT (kg)	3000K	4000K	ARTICLE NO
1300 lm	8W	250mA	36V	1,7	1481802110yw	1481802210yw	
1800 lm	12W	350mA					
2450 lm	17W	500mA					
3300 lm	25W	700mA					
4100 lm	33W	900mA					

⚠ Driver must be ordered separately.



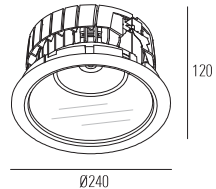
Nitor RV HE IP44

Ø220x140



LUMEN OUTPUT	POWER	DRIVER	Vf	WEIGHT (kg)	3000K	4000K	ARTICLE NO
1250 lm	8W	250mA	36V	1,9	1481802120yw	1481802220yw	
1700 lm	12W	350mA					
2300 lm	17W	500mA					
3100 lm	25W	700mA					
3800 lm	33W	900mA					

⚠ Driver must be ordered separately.



Select your preferred option

For detailed explanations see technical pages.

Trim colour	y
White	1
Black	2

Drivers



TYPE	CUT-OUT DIM	COB 36V	ARTICLE NO
Driver U20 20W 250-700mA max.54V FO	55 mm	max 550mA	702120100
Driver P42 42W 500-1050mA max.45V FO	54 mm	ok	702120196
Driver P38D 38W 300-900mA max.54V DALI	54 mm	ok	702120256

Emergency kit

LED EM kit 1h 350mA 9-57V DC	702230114
LED EM kit 3h 350mA 9-57V DC	702230115

Accessories

TYPE	ARTICLE NO
Nitor reinforced plate 333x333 mm	701133280
Nitor recessed box for concrete ceilings (for PRO and HC versions)	14800500010



Narro

Not round at all

For all the square reasons, simply the best.

Improved light quality and high luminaire efficiency is the main advantage of Narro. It guarantees a high level of functionality and excellent light distribution.

Thanks to many innovative features, the efficiency level is optimized, installation is quick and easy. Top-quality material, energy-saving technology and various finishes, make Narro the ideal lighting solution for public and business areas.

Vierkant is soms ronduit het beste.

Narro blinkt uit door zijn verbeterde lichtkwaliteit en uitstekende armatuurefficiëntie. Het garandeert een hoge functionaliteit en een uitmuntende lichtverdeling.

Dankzij de vele innovatieve functies biedt dit armatuur een optimaal rendement en een snelle, eenvoudige installatie. De hoogwaardige materialen, energiebesparende technologie en verschillende afwerkingen maken Narro de ideale verlichtingskeuze voor publieke en zakelijke omgevingen.

Pour tout ce qui doit être carré, c'est simplement le meilleur.

Une qualité de lumière améliorée et une efficacité élevée : voilà les principaux avantages de Narro. Ce luminaire garantit un niveau élevé de fonctionnalité ainsi qu'une excellente distribution de la lumière.

Ses nombreuses caractéristiques innovantes optimisent le niveau d'efficacité et permettent une installation rapide et aisée. Avec ses matériaux de qualité optimale, sa technologie d'économie d'énergie et ses différentes finitions, Narro est une solution d'éclairage idéale pour les espaces publics et les surfaces de bureaux.





**NARRO****PRO**

Low glare

FLAT SOP / DPR

Soft light diffusers

Light output

Lighting fixture	1300 - 4000 lm	990 - 2350 lm
Driver current	250 - 900mA	350 - 900mA

Efficacy

Lighting fixture (500mA)	up to 141 lm/W	up to 108 lm/W
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LED colour

830 / 840	830 / 840
-----------	-----------

Beam angle

15° / 30° / 56°	Wide
-----------------	------

IP protection

IP 20	IP 44
-------	-------

UGR class

UGR<16	-
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Driver and emergency kit

Order separately	Order separately
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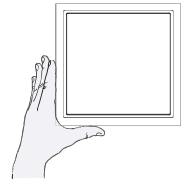
Colour finish

1 2	1 2
-----	-----

Narro RV PRO

Recessed

240



Features

Light output: 1300-4000 lm Colours: **1** **2**



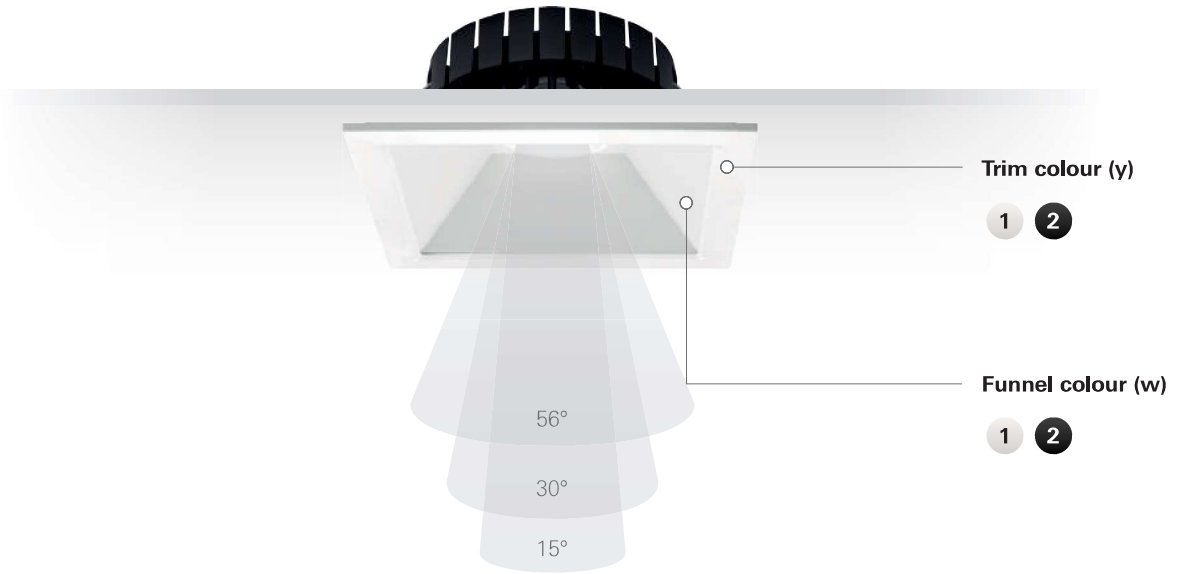
Installation: Recessed ceiling with visible trim (RV). **Light source:** High-power COB LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Cooling system:** Passive cooling heat sink made from die-cast aluminium. **Optic:** Highly efficient optic with uniform distribution, metallized polycarbonate, lacquer finish with funnel made from polycarbonate. **Body:** Polycarbonate. **Control gear:** Constant current driver - order separately. **Emergency:** Emergency kit version with autonomy 1h or 3h - order separately. **IP protection:** 20. **Accessories** (order separately): Steel sheet box for concrete installation.

Montagewijze: Inbouw met zichtbare rand (RV). **Lichtbron:** High-power LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Koelsysteem:** Die-cast aluminium heatsink met passieve koeling. **Optiek:** Uiterst efficiënte optiek met gelijkmatige verdeling, gemetalliseerd polycarbonaat, lakafwerking met funnel van polycarbonaat. **Behuizing:** Polycarbonaat. **Voeding:** Constante stroomgestuurde driver - afzonderlijk bestellen. **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur - afzonderlijk bestellen. **IP:** 20. **Accessoires** (apart te bestellen): Plaatstalen doos voor betoninstallatie.

Montage: Encastré Plafond bord visible (RV). **Source de luminaire:** LED haute puissance, IRC > 80, MacAdam ≤ 3, 50.000h L80 B10. **Dispositif de refroidissement:** Refroidissement passif avec diffuseur de chaleur en fonte d'aluminium. **Optique:** Optique haute efficacité à distribution uniforme, polycarbonate métallisé, finition laquée avec cône en polycarbonate. **Corps:** Polycarbonate **Platine:** Driver à courant constant - à commander séparément. **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h - à commander séparément. **Indice IP:** 20. **Accessoires** (à commander separement): Boîte en tôle d'acier pour l'installation dans béton.

A professional range for all your needs

Efficient at various heights, available with different lumen packages and beam angles

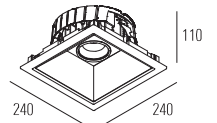


Narro RV PRO

220x220x130



LUMEN OUTPUT	POWER	DRIVER	VF	OPTICS	WEIGHT (kg)	ARTICLE NO	
						3000K	4000K
1300 lm	8W	250mA	36V	15, 30°, 56°	1,8	1491z02110yw	1491z02210yw
1750 lm	12W	350mA					
2400 lm	17W	500mA					
3300 lm	25W	700mA					
4000 lm	33W	900mA					



⚠ Driver must be ordered separately.

Select your preferred option

For detailed explanations see technical pages.

Optics	x	Trim colour	y	Funnel colour	w
15°	4	White	1	White	1
30°	5	Black	2	Black	2
56°	6				

Drivers



TYPE	CUT-OUT DIM	COB 36V	ARTICLE NO
Driver U20 20W 250-700mA max.54V FO	55 mm	max 550mA	702120100
Driver P42 42W 500-1050mA max.45V FO	54 mm	ok	702120196
Driver P38D 38W 300-900mA max.54V DALI	54 mm	ok	702120256

Emergency kit

LED EM kit 1h 350mA 9-57V DC	702230114
LED EM kit 3h 350mA 9-57V DC	702230115

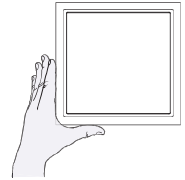
Accessories

TYPE	ARTICLE NO
Narro reinforced plate 333x333 mm	701130967
Narro recessed box for concrete ceilings (for PRO versions)	14900500010

Narro RV Flat

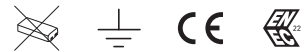
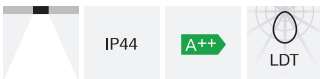
Recessed

240



Features

Light output: 990 - 2350 lm Colours: **1** **2**



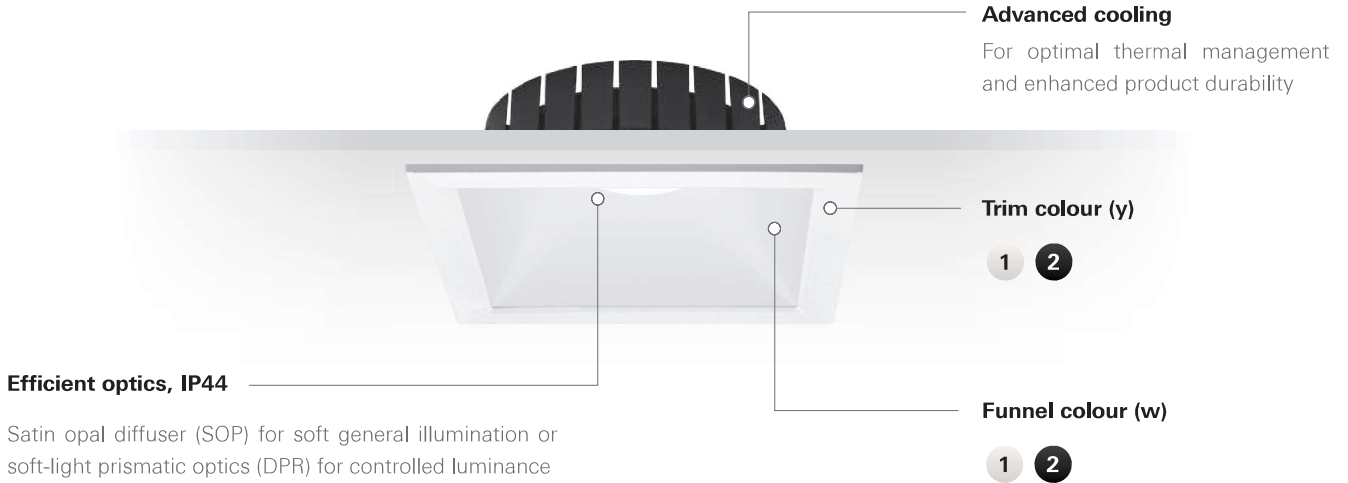
Installation: Recessed ceiling with visible trim (RV). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Cooling system:** Passive cooling heat sink made from die-cast aluminium. **Optic:** Highly efficient optic with uniform distribution, metallized polycarbonate, lacquer finish with funnel made from polycarbonate. **Body:** Polycarbonate. **Control gear:** Constant current driver - order separately. **Emergency:** Emergency kit version with autonomy 1h or 3h - order separately. **IP protection:** 44.

Montagewijze: Inbouw met zichtbare rand (RV). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Koelsysteem:** Die-cast aluminium heatsink met passieve koeling. **Optiek:** Uiterst efficiënte optiek met gelijkmatige verdeling, gemetalliseerd polycarbonaat, lakafwerking met funnel van polycarbonaat. **Behuizing:** Polycarbonaat. **Voeding:** Constante stroomgestuurde driver - afzonderlijk bestellen. **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur - afzonderlijk bestellen. **IP:** 44.

Montage: Encastré Plafond bord visible (RV). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC > 80, MacAdam ≤ 3 , 50.000h, L80 B10. **Dispositif de refroidissement:** Refroidissement passif avec diffuseur de chaleur en fonte d'aluminium. **Optique:** Optique haute efficacité à distribution uniforme, polycarbonate métallisé, finition laquée avec cône en polycarbonate. **Corps:** Polycarbonate **Platine:** Driver à courant constant - à commander séparément. **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h - à commander séparément. **Indice IP:** 44.

Low profile downlight

Efficient and homogeneous illumination

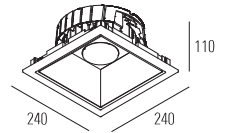


Narro RV DPR

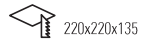


LUMEN OUTPUT	POWER	DRIVER	Vf	WEIGHT (kg)	ARTICLE NO
					3000K 4000K
1050 lm	9W	350mA	27V	1,8	1491202120yw 1491202220yw
1400 lm	13W	500mA			
1800 lm	19W	700mA			
2350 lm	25W	900mA			
Version with tunable white LED module					TW
1850 lm	13W	450mA	27V	1,8	1491202620yw

⚠ Driver must be ordered separately. Tunable white COB version require DALI driver LC35/2DA and 11 kΩ resistor.

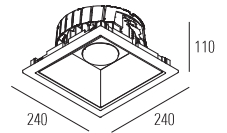


Narro RV SOP



LUMEN OUTPUT	POWER	DRIVER	Vf	WEIGHT (kg)	ARTICLE NO
					3000K 4000K
990 lm	9W	350mA	27V	1,8	1491102120yw 1491102220yw
1350 lm	13W	500mA			
1750 lm	19W	700mA			
2200 lm	25W	900mA			
Version with tunable white LED module					TW
1850 lm	13W	450mA	27V	1,8	1491102620yw

⚠ Driver must be ordered separately. Tunable white COB version require DALI driver LC35/2DA and 11 kΩ resistor.



Select your preferred option

For detailed explanations see technical pages.

Trim colour	y	Funnel colour	w
White	1	White	1
Black	2	Black	2

Drivers



TYPE	CUT-OUT DIM	PCB 27V	PCB TW 27V	ARTICLE NO
Driver U20 20W 250-700mA max.54V FO	55 mm	max 700mA	x	702120100
Driver P42 42W 500-1050mA max.45V FO	54 mm	ok	x	702120196
Driver P38D 38W 300-900mA max.54V DALI	54 mm	ok	x	702120256
Driver LC35/2DA TW 35W 350-700mA DALI	86 mm	x	ok	702120219
Resistor 11 kΩ for 450mA set for TW driver				702190156
Emergency kit				
LED EM kit 1h 350mA 9-57V DC				702230114
LED EM kit 3h 350mA 9-57V DC				702230115

Accessories

TYPE	ARTICLE NO
Narro reinforced plate 333x333 mm	701130967



Nola

Position yourself

Let the beat drop

Challenge its small size and put it in lighting compositions that follow the architecture, use it to give people guidance or draw attention to what needs to be seen.

And if it's not enough exciting already, creating a unique lighting system using Nola can be even more fun if you pair it with its bigger sister Lona and get an elegant detail that highlights the important part of the architecture, or combine it with linear luminaires to create a discrete guidance through space. It's a luminaire that can easily catch the rhythm of your architecture, enriching it with excitement, and making every heart skip a beat.

Zorg dat het kwartje valt

Test het kleine formaat en plaats hem in verlichtingscomposities die de architectuur volgen, gebruik het om mensen de weg te wijzen of de aandacht te vestigen op iets wat gezien moet worden.

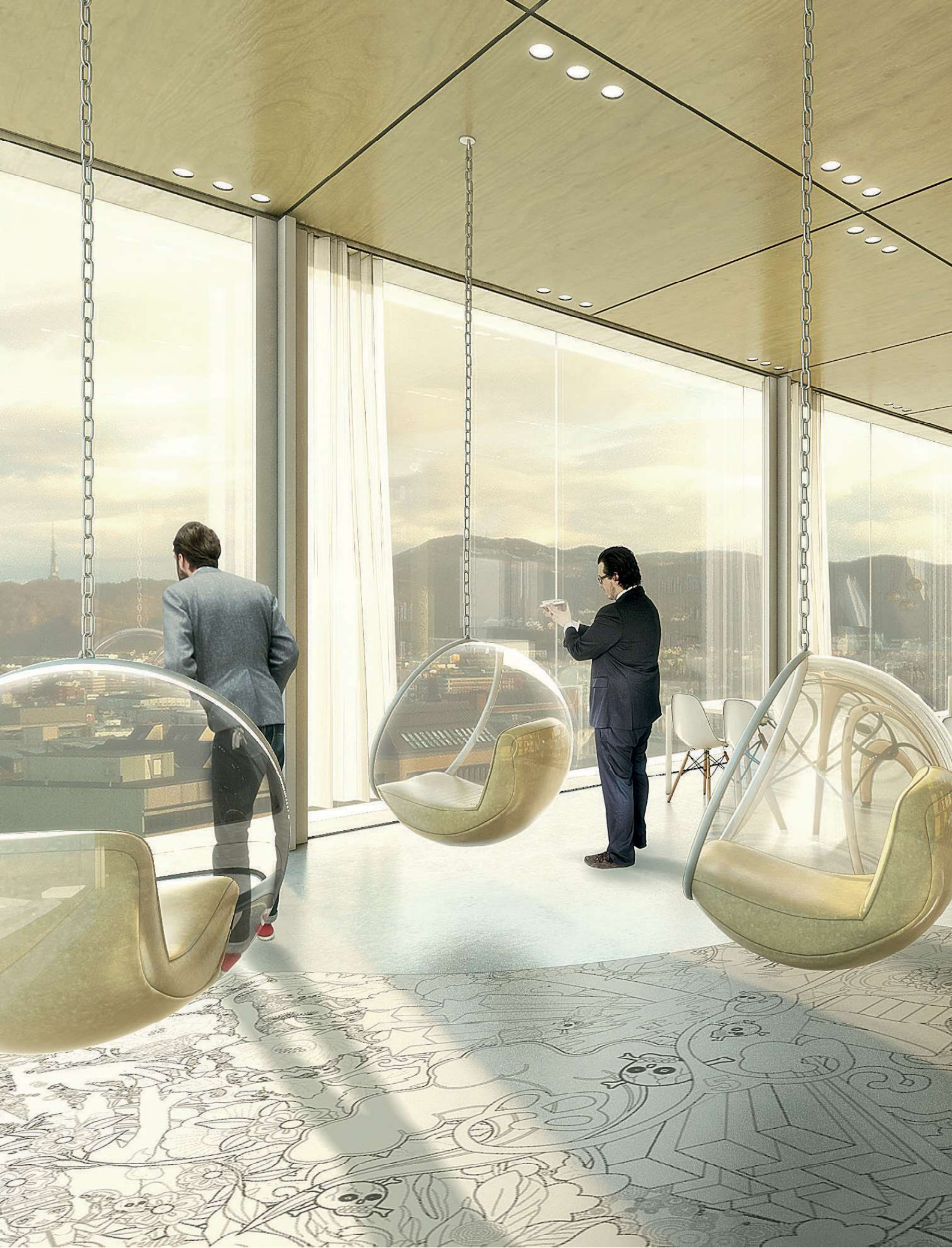
En alsof er nog niet genoeg opwinding is, kan het creëren van een uniek verlichtingssysteem met behulp van Nola nog leuker zijn als je het samen doet met de grote zus Lona en je zo een elegant detail krijgt dat een belangrijk deel van de architectuur benadrukt of je combineert het met lineaire armaturen om een discrete geleiding door de ruimte te creëren. Hij is een armatuur die eenvoudig het ritme van de architectuur kan oppakken, deze kan verrijken met opwinding en elk hart sneller kan laten slaan.

Laissez tomber le rythme

Mettez au défi sa petite taille et mettez-le dans des compositions d'éclairage en harmonie avec l'architecture, utilisez-le pour guider les visiteurs ou attirer l'attention sur ce qui doit être vu.

Et si cela n'est pas déjà assez excitant, créer un système d'éclairage unique avec Nola peut être encore plus amusant si vous l'associez avec sa grande sœur Lona pour obtenir un détail élégant qui met en valeur la partie importante de l'architecture, ou si vous le combinez avec des luminaires linéaires pour créer un guidage discret dans l'espace. C'est un luminaire qui peut facilement s'adapter au rythme de votre architecture, l'enrichir d'excitation et faire battre les cœurs plus fort.





**NOLA****RV**

Recessed visible

C

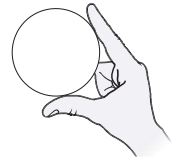
Ceiling

Diffuser	SOP / DPR	SOP / DPR
Light output		
Lighting fixture	660 - 1300 lm	660 - 1300 lm
Light source	1000 - 1950 lm	1000 - 1950 lm
Efficacy		
Lighting fixture	up to 122 lm/W	up to 122 lm/W
Light source	up to 180 lm/W	up to 180 lm/W
LED colour		
Standard	830 / 840	830 / 840
Special colour (on request)	TW	TW
Driver	order separately	order separately
IP protection	IP44	IP43
Colour finish	1 2	1 2

Nola RV / C

Recessed visible / Ceiling

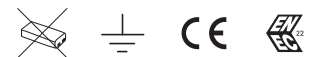
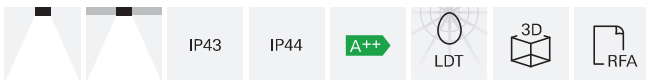
110, 120



Features

Light output: 660 - 1300 lm

Colours: **1** **2** **3** **4**



Installation: Recessed ceiling or wall (RV), Ceiling mounted (C). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optic:** Satin opal polycarbonate diffuser (SOP), Soft-light prismatic PMMA diffuser (DPR). **Body:** Aluminium, powder coated. **Control gear:** Constant current driver - order separately. **IP protection:** 44 (RV), 43 (C).

Montagewijze: Inbouw of wandmontage (RV), Opbouw (C). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP), Soft-light prismatic PMMA-afscherming (DPR). **Behuizing:** Gepoedercoat aluminium. **Voeding:** Constante stroomgestuurde driver - afzonderlijk bestellen. **IP:** 44 (RV), 43 (C).

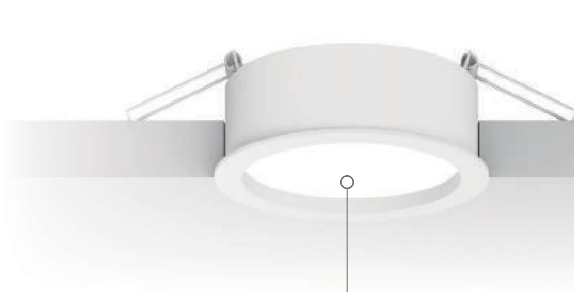
Montage: Encastré mur ou plafond (RV), Plafonnier (C). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤3, 50.000h, L80 B10. **Optique:** Diffuseur polycarbonate opal satiné (SOP), Diffuseur PMMA prismatique à lumière douce (DPR). **Corps:** Revêtement aluminium à poudre. **Platine:** Driver à courant constant - à commander séparément. **Indice IP:** 44 (RV), 43 (C).

Choose your luminaire

4 different models

RV

Flat diffuser



Satin opal (SOP)

For harmonious, soft light

Soft-light prismatic optics (DPR)

Smooth and glare-free illumination

RV

Regressed diffuser



Regressed funnel

Reduces the glare

C

Flat diffuser



45 mm

C

Regressed diffuser



65 mm

Match your style

Choose body colour from various possibilities. Internal funnel is available in black or white.

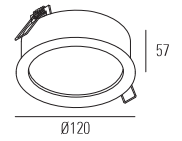


Nola RV - flat diffuser

Ø116x67



LUMEN OUTPUT	POWER	DRIVER	Vf	WEIGHT (kg)	ARTICLE NO	
DPR - diffused prismatic diffuser					3000K	4000K
680 lm	7W	250mA	27V	0,3	182910211yw	182910221yw
900 lm	9W	350mA				
710 lm	6W	250mA	27V	0,3	182910231yw	182910241yw
960 lm	9W	350mA				
1300 lm	13W	500mA				
SOP - satin opal diffuser						
660 lm	7W	250mA	27V	0,3	182910111yw	182910121yw
870 lm	9W	350mA				
690 lm	6W	250mA	27V	0,3	182910131yw	182910141yw
930 lm	9W	350mA				
1250 lm	13W	500mA				



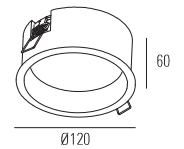
- ⚠ Driver must be ordered separately. Fixture lumen output refer to driving current.
- ⓘ On request also available with tunable white (TW) LED modules.

Nola RV - regressed diffuser

Ø116x70



LUMEN OUTPUT	POWER	DRIVER	Vf	WEIGHT (kg)	ARTICLE NO	
DPR - diffused prismatic diffuser					3000K	4000K
680 lm	7W	250mA	27V	0,3	182910212yw	182910222yw
900 lm	9W	350mA				
710 lm	6W	250mA	27V	0,3	182910232yw	182910242yw
960 lm	9W	350mA				
1300 lm	13W	500mA				
SOP - satin opal diffuser						
660 lm	7W	250mA	27V	0,3	182910112yw	182910122yw
870 lm	9W	350mA				
690 lm	6W	250mA	27V	0,3	182910132yw	182910142yw
930 lm	9W	350mA				
1250 lm	13W	500mA				



- ⚠ Driver must be ordered separately. Fixture lumen output refer to driving current.
- ⓘ On request also available with tunable white (TW) LED modules.

Select your preferred option

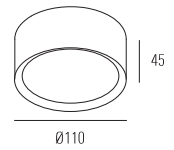
For detailed explanations see technical pages.

Body colour	y	Funnel colour	w
White	1	White	1
Black	2	Black	2

Nola C - flat diffuser



LUMEN OUTPUT	POWER	DRIVER	Vf	WEIGHT (kg)	3000K	4000K	ARTICLE NO
DPR - diffused prismatic diffuser							
680 lm	7W	250mA	27V	0,3	182920211yw	182920221yw	
900 lm	9W	350mA					
710 lm	6W	250mA	27V	0,3	182920231yw	182920241yw	
960 lm	9W	350mA					
1300 lm	13W	500mA					
SOP - satin opal diffuser							
660 lm	7W	250mA	27V	0,3	182920111yw	182920121yw	
870 lm	9W	350mA					
690 lm	6W	250mA	27V	0,3	182920131yw	182920141yw	
930 lm	9W	350mA					
1250 lm	13W	500mA					

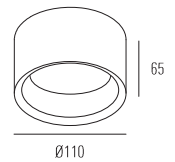


⚠ Driver must be ordered separately. Fixture lumen output refer to driving current.

Nola C - regressed diffuser



LUMEN OUTPUT	POWER	DRIVER	Vf	WEIGHT (kg)	3000K	4000K	ARTICLE NO
DPR - diffused prismatic diffuser							
680 lm	7W	250mA	27V	0,3	182920212yw	182920222yw	
900 lm	9W	350mA					
710 lm	6W	250mA	27V	0,3	182920232yw	182920242yw	
960 lm	9W	350mA					
1300 lm	13W	500mA					
SOP - satin opal diffuser							
660 lm	7W	250mA	27V	0,3	182920112yw	182920122yw	
870 lm	9W	350mA					
690 lm	6W	250mA	27V	0,3	182920132yw	182920142yw	
930 lm	9W	350mA					
1250 lm	13W	500mA					



⚠ Driver must be ordered separately. Fixture lumen output refer to driving current.

Select your preferred option

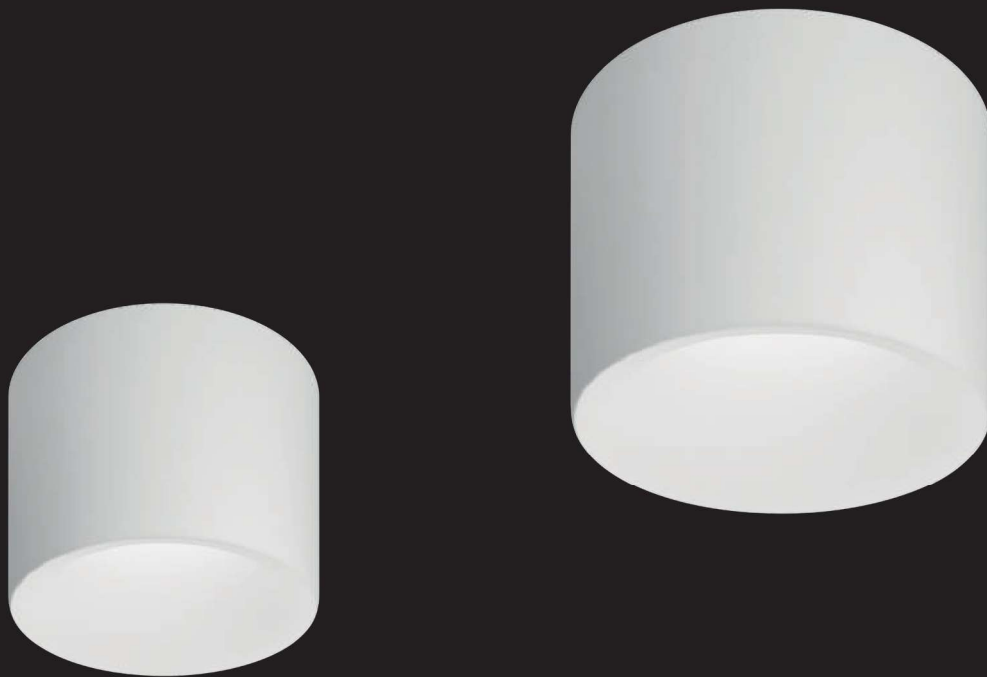
For detailed explanations see technical pages.

Body colour	y	Funnel colour	w
White	1	White	1
Black	2	Black	2
		Driftwood	3
		Cream beige	4

Drivers



TYPE	CUT-OUT DIM	CURRENT	ARTICLE NO
DR LC10 10W 350mA max.29V FO	54 mm	350mA	702120255
DR U20 20W 250-700mA max.54V FO	55 mm	250/350/500mA	702120100
DR P38D 38W 300-900mA max.54V DALI	54 mm	300/350/500mA	702120256



Nucleo

It's a one-piece thing

A downlight that moved on

When creating a downlight, efficiency and performance are still features we strive for, without compromising the look and a simple clean design. We've upgraded a classic downlight and created a luminaire that is highly efficient and also a true beauty in the segment of surface-mounted downlights. And its specialty? It's made from just one piece, without harsh edges and screws. How cool is that?

Thanks to its delicate shape Nucleo offers an illumination without any glare. It is suitable also for corridors or concrete ceilings that have no option for recessed downlights.

Een inbouwspot die verder is gegaan

Bij het creëren van een inbouwspot zijn efficiëntie en prestatie nog steeds de eigenschappen waar we naar streven, zonder afbreuk te doen aan de uitstraling en met een simpel helder design. We hebben een klassieke inbouwspot opgewaardeerd en een armatuur gecreëerd dat zeer efficiënt is en tevens een echte schoonheid is binnen zijn eigen segment. En z'n specialiteit? Hij is uit één stuk gemaakt, zonder scherpe hoeken en schroeven. Hoe cool is dat?

Dankzij zijn delicate vorm biedt Nucleo verlichting zonder schittering. Hij is uitermate geschikt voor gangen of betonnen plafonds waar verzonken inbouwspots geen optie zijn.

Un downlight qui s'est allumé

Lors de la création d'un downlight, l'efficacité et la performance sont toujours des caractéristiques que nous recherchons, sans toutefois compromettre l'esthétique et un design simple et épuré. Nous avons modernisé un downlight classique et créé un luminaire d'une très grande efficacité ; une véritable beauté dans le segment des downlights pour toutes vos installations en plafond. Et qu'est-ce qui le rend special ? Il est fait d'une seule pièce, sans bord rigide et sans vis. N'est-ce pas cool ?

Grâce à sa forme délicate, Nucleo offre un éclairage sans éblouissement. Il convient également pour les couloirs ou les plafonds en béton qui n'ont pas d'option pour les downlights encastrés.



Nucleo C

Ceiling



Features

Light output: 1150 - 3600 lm

Colours: **1** **2** **3** **4**



230V
50Hz



Installation: Ceiling mounted (C). **Light source:** High-power COB LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Cooling system:** Passive cooling heat sink made from die-cast aluminium. **Optic:** Highly efficient with uniform distribution, metallized polycarbonate with lacquer finish (spot, medium, wide). **Body:** Aluminium, powder coated. **Control gear:** Supplied with highly-efficient driver with fixed output (FO) or dimmable (DALI). **Emergency:** Emergency kit version with 1 or 3 hour autonomy installed in separate gear box already wired to the luminaire. **IP protection:** 20.

Montagewijze: Opbouw (C). **Lichtbron:** High-power LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Koelsysteem:** Die-cast aluminium heatsink met passieve koeling. **Optiek:** Highly efficient with uniform distribution, metallized polycarbonate with lacquer finish (spot, medium, wide). **Behuizing:** Gepoedercoat aluminium. **Voeding:** Geleverd met uiterst efficiënte driver met vaste uitgang (FO) of dimbaar (DALI). **Noodverlichting:** Noodunit-versie met autonomie van 1 of 3 uur - verpakt in een aparte gear-box welke al op het armatuur is aangesloten. **IP:** 20.

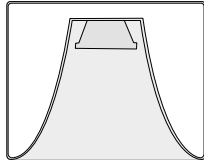
Montage: Plafonnier (C). **Source de luminaire:** LED haute puissance, IRC > 80, MacAdam ≤ 3, 50.000h L80 B10. **Dispositif de refroidissement:** Refroidissement passif avec diffuseur de chaleur en fonte d'aluminium. **Optique:** Haute efficacité avec distribution uniforme, polycarbonate métallisé avec finition laquée (spot, medium, large). **Corps:** Revêtement aluminium à poudre. **Platine:** Livré avec un driver très performant avec sortie fixe (FO) ou dimmable (DALI). **Bloc de securite:** Version kit d'urgence avec autonomie de 1 ou 3 heures installée dans une boîte de vitesses séparée déjà câblée au luminaire. **Indice IP:** 20.

Highly efficient & uniform illumination

Homogenous light distribution through elegant shape

Carefully designed

Made from one piece, without harsh edges and screws



Beam angles



Glare control

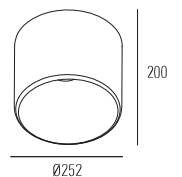
Nucleo offers an illumination without glare. Light source is integrated deeply inside the luminaire.

Nucleo



LUMEN OUTPUT	POWER	DRIVER	OPTICS	WEIGHT (kg)	ARTICLE NO	
					3000K	4000K
1150 lm	11W	FO, DALI, EM 1/3h	30°, diffused	3,5	12481zx110y	12481zx120y
2150 lm	20W	FO, DALI, EM 1/3h	30°, diffused	3,5	12481zx210y	12481zx220y
3600 lm	37W	FO, DALI, EM 1/3h	30°, diffused	3,5	12481zx310y	12481zx320y

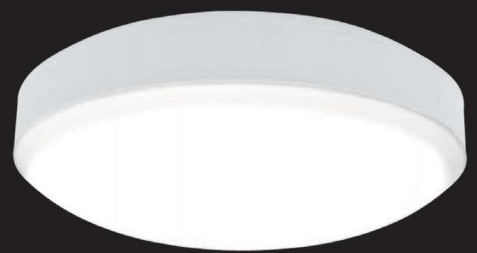
i Available also with COB 2700K.



Select your preferred option

For detailed explanations see technical pages.

Driver	x	Emergency	x	Optics	z	Body colour	y
FO - fixed output	4	FO EM 1h	7	30°	2	White	1
DALI-TD	1	FO EM 3h	5	Diffused	4	Black	2
		DALI EM 1h	2			Driftwood	3
		DALI EM 3h	6			Cream beige	4



Etea

Basic Advanced

Details make the difference.

The classic plafoniere has become so familiar, that hardly anyone would stop to consider how it can be improved. We said why not?

There was an empty space between looking too cheap and over designed. By taking away all the unnecessary, we've reached the most basic shape, great uniformity and improved modularity. Etea is well designed and affordable.

Details maken het verschil.

De klassieke plafondlamp is zo ingeburgerd dat vrijwel niemand zich afvraagt hoe deze verbeterd kan worden. Waarom niet, dachten wij...

Er zat een kloof tussen een te goedkope- en een te overdreven vormgeving. Door alles wat niet noodzakelijk was weg te laten kwamen we uit bij de meest elementaire vorm, een grote uniformiteit en een verbeterde modulariteit. Etea biedt een goed ontwerp voor een betaalbare prijs.

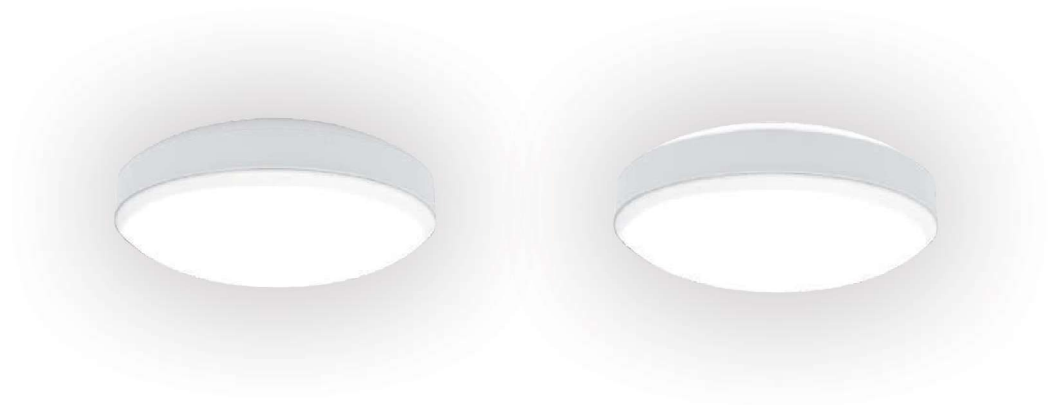
Les détails font la différence.

Le plafonnier classique est devenu un objet si courant que personne ou presque ne se pose de questions sur les améliorations qui pourraient y être apportées. Nous avons dit pourquoi pas?

Il existe un vide entre les luminaires qui ont l'air trop bon marché et ceux qui sont trop sophistiqués. En enlevant tout le superflu, nous sommes parvenus à créer la forme la plus basique, avec une remarquable uniformité et une modularité améliorée. Etea est bien conçu et abordable.







ETE A

D
Direct**DI**
Direct - Indirect**Light output**

Lighting fixture	1450 lm	1500 lm
Light source	1810 lm	1800 lm

Efficacy

Lighting fixture	110 lm/W	117 lm/W
Light source	160 lm/W	160 lm/W

Light source

LED / E27	LED
-----------	-----

LED colour

830 / 840	830 / 840
-----------	-----------

IP protection

IP43	IP43 / IP65
------	-------------

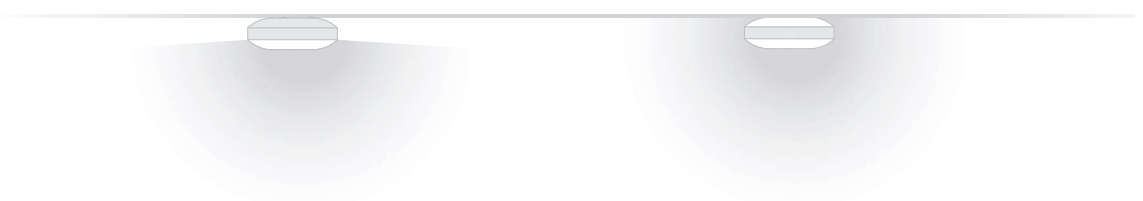
Driver

FO, DALI, FO + MW	FO, DALI, FO + MW
-------------------	-------------------

Colour finish

1

1



Etea C

Ceiling direct / Direct-indirect

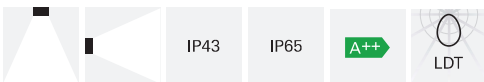
Ø285



Features

Light output: 1400 - 1500 lm

Colours: 1



230V
50Hz



Installation: Ceiling mounted (C), Wall mounted (W). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optic:** Opal polycarbonate diffuser (OP). **Body:** Polycarbonate. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI). **Sensor:** Microwave sensor for FO driver. **IP protection:** 43, 65.

Montagewijze: Opbouw (C) , Wand (W). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optiek:** Opalen polycarbonaat afscherming (OP). **Behuizing:** Polycarbonaat. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali dimbaar (DALI). **Sensor:** Microgolfsensor voor FO-driver. **IP:** 43, 65.

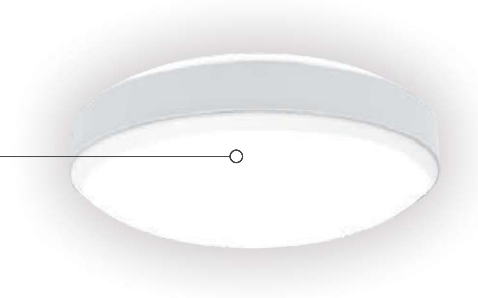
Montage: Plafonnier (C), En applique (w). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤3, 50.000h, L80 B10. **Optique:** Diffuseur en polycarbonate opale (OP). **Corps:** Polycarbonate **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI) **Capteur:** Capteur à micro-onde pour le driver FO (marche/arrêt), **Indice IP:** 43, 65.

Clean designed plafonnier

Basic form, great uniformity

Microwave presence sensor (MW)

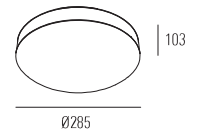
Integrated MW sensor have wide detection area (up to 12 m in diameter) and sensitivity can be easily set via DIP switch as well as daylight threshold and time delay.



Etea D



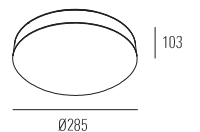
LUMEN OUTPUT	POWER	DRIVER	IP RATING	WEIGHT (kg)	ARTICLE NO	
LED versions					3000K	4000K
1400 lm	13W	FO, DALI	IP43	0,9	18214x11001	18214x12001
1400 lm	13W	FO + MW sensor	IP43	1	18214411011	18214412011
E27 version						
TC-TEL E27	max. 20W		IP43	0,9		18214000001



Etea DI



LUMEN OUTPUT	POWER	DRIVER	IP RATING	WEIGHT (kg)	ARTICLE NO	
LED versions					3000K	4000K
1500 lm	13W	FO, DALI	IP43	0,9	18215x11001	18215x12001
1500 lm	13W	FO + MW sensor	IP43	1	18215411011	18215412011
1500 lm	13W	FO, DALI	IP65	0,9	18215x11101	18215x12101
1500 lm	13W	FO + MW sensor	IP65	1	18215411111	18215412111



Select your preferred option

For detailed explanations see technical pages.

Driver	x
FO - fixed output	4
DALI-TD	1

Lighting can speak louder than words

Sometimes all you need is a single piece, then again, a composition might prevail to make an outstanding focal point in the space. Your creativity makes a difference. to make things stand out.

NL

De ene keer heeft u aan één exemplaar genoeg, de andere keer kiest u voor een compositie om een indrukwekkend statement in een ruimte te maken. Uw creativiteit maakt het verschil.

FR

Parfois, vous n'avez besoin que d'un seul élément, puis d'un autre, et une composition peut s'imposer pour former un point d'attraction extraordinaire dans l'espace. Votre créativité fait la différence.



ambiental

>



**BIGSEE
PRODUCTDESIGN
AWARD
2018**



Biba

Tiny sophistication

Everybody loves Biba.

Individually or in a matching composition, sophistication is the look you get. Think about Biba if you're planning an elegant restaurant, minimalistic hotel lobby, Scandinavian-inspired bar, urban retail experience or even your home dining room and let it suit your taste.

Combine shapes and colours in an endless fusion of possibilities, which will lead you from simple and sophisticated, to a luminaire composition that really lets your ideas fly.

Kleine verfijning Iedereen houdt van Biba.

Individueel of in een goed passende compositie, verfijning is de uitstraling die u krijgt. Denk aan Biba als u een elegant restaurant, een boutiquehotel, een knusse bar, of een leuke kleine winkel wil inrichten, en maak het passend bij uw smaak.

Combineer vormen en kleuren in een eindeloze samensmelting van mogelijkheden, die u zullen leiden van simpel en geraffineerd, tot een armatuurcompositie die uw ideeën echt de ruimte geeft.

Tout le monde aime Biba.

Individuellement ou dans une composition assortie, la sophistication est le look que vous obtiendrez. Pensez à Biba si vous planifiez la construction d'un restaurant élégant, d'un hall d'hôtel minimaliste, d'un bar d'inspiration scandinave, d'une boutique en milieu urbain ou même de votre salle à manger et adaptez-le à vos goûts.

Combinez les formes et les couleurs dans une profusion de possibilités, pour obtenir une composition de luminaires, du plus simple au plus sophistiqué, qui fera voler vos idées en éclats.









- ∧ Kitchen, accent lighting
- > Dining room, chandelier composition for pleasant dining atmosphere
- ∨ Reception, dynamic pendant composition



BIBA S

DROP

SLIM

EDGY

Diameter

Ø78 mm

Ø75 mm

Ø79 mm

Light output

Lighting fixture

360 - 570 lm

360 - 570 lm

360 - 570 lm

Light source

450 - 710 lm

450 - 710 lm

450 - 710 lm

Efficacy

Lighting fixture

up to 100 lm/W

up to 100 lm/W

up to 100 lm/W

Light source

up to 160 lm/W

up to 160 lm/W

up to 160 lm/W

LED Colour

827, 830, 840, 850, 930, 940

827, 830, 840, 850, 930, 940

827, 830, 840, 850, 930, 940

Beam Angle

38°, 60°

38°, 60°

38°, 60°

Driver

FO, DALI

FO, DALI

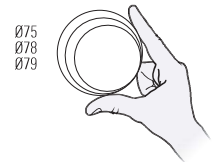
FO, DALI

Colour finish



Biba S

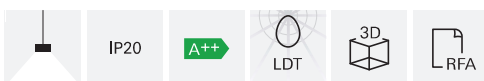
Suspended



Features

Light output: 360 - 570 lm

Colours: **1** **2** **3** **7** **8** **W** **A** **B** **C** **D**



230V
50Hz



Installation: Suspended (S). **Light source:** High-power COB LED, CRI 85/95, MacAdam ≤ 3 , 50.000h L80 B10. **Optic:** Highly efficient with uniform distribution, metallized polycarbonate with lacquer finish (medium, wide). **Body:** Aluminium, powder coated. **Control gear:** Ceiling cup integrated highly-efficient driver with fixed output (FO) or dimmable (DALI). Constant current driver for flat ceiling cup version - order separately. **IP protection:** 20. **Complete with:** Pre-fitted 1,5 m long 2-pole cable. 3 m and 5 m cable available on request.

Montagewijze: Gependeld (S). **Lichtbron:** High-power COB LED module, CRI 85/95, MacAdam ≤ 3 , 50.000h L80 B10. **Optiek:** Zeer efficiënt gemetalliseerd polycarbonaat met lakafwerking (medium / wide). **Behuizing:** Gepoedercoat aluminium. **Voeding:** In plafondkap geïntegreerde zeer efficiënte driver met vaste uitgang (FO) of dimbaar (DALI). Constante stroomdriver voor platte plafondkapversie - afzonderlijk bestellen. **IP:** 20. **Voorzien van:** Voorgemonteerde 1,5 m lange 2-polige kabel. 3 m en 5 m kabel beschikbaar op aanvraag.

Montage: Suspension (S). **Source de luminaire:** Module COB LED haute puissance, IRC > 85/95, MacAdam ≤ 3 , 50.000h, L80 B10. **Optique:** Haute efficacité avec une distribution uniforme, polycarbonate métallisé avec finition laquée (moyen, large). **Corps:** Revêtement aluminium à poudre. **Platine:** Driver intégré dans la patère avec sortie fixe (FO) ou dimmable (DALI). Driver a courant constant pour la version à patère plate - commandez séparément. **Indice IP:** 20. **Livre avec:** Câble bipolaire pré-monté de 1,5 m de long. Câble de 3 m et 5 m disponible sur demande.

Be creative. Leave your mark.

Individual or in a matching composition, create an eye-catching element in the space or blend it in discretely.

Timeless shapes, unique colours

Clean lines and carefully chosen colours for an endless fusion of possibilities.



Perfectly straight cable

Heavy aluminium body makes a straight tension of suspension cable. Cable is always in black colour.

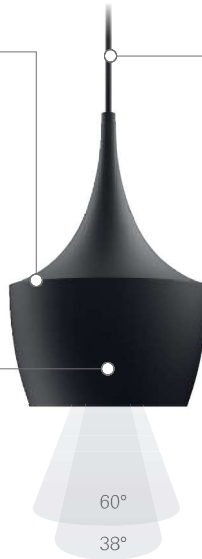
Ceiling cup

Comes in the same colour finish as the luminaire or in black/white colour on request.



High visual comfort

Regressed light source reduces the glare.

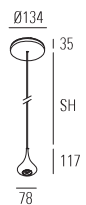


Biba S Slim



LUMEN OUTPUT	POWER	DRIVER	ANGLE	WEIGHT (kg)	ARTICLE NO
Version with integrated driver in the ceiling cup					
500 lm	6W	FO, DALI	38°	0,8	193012z1xdy
490 lm	6W	FO, DALI	60°	0,8	193012z2xdy

- i* Ceiling cup is in the same colour as the body. Available also with white or black colour finish.
- i* On request available also with round flat ceiling cup with remote driver. Check the web page for details.

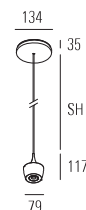


Biba S Edgy



LUMEN OUTPUT	POWER	DRIVER	ANGLE	WEIGHT (kg)	ARTICLE NO
Version with integrated driver in the ceiling cup					
500 lm	6W	FO, DALI	38°	1,0	193022z1xdy
490 lm	6W	FO, DALI	60°	1,0	193022z2xdy

- i* Ceiling cup is in the same colour as the body. Available also with white or black colour finish.
- i* On request available also with round flat ceiling cup with remote driver. Check the web page for details.

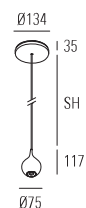


Biba S Drop



LUMEN OUTPUT	POWER	DRIVER	ANGLE	WEIGHT (kg)	ARTICLE NO
Version with integrated driver in the ceiling cup					
500 lm	6W	FO, DALI	38°	1,0	193032z1xdy
490 lm	6W	FO, DALI	60°	1,0	193032z2xdy

- i* Ceiling cup is in the same colour as the body. Available also with white or black colour finish.
- i* On request available also with round flat ceiling cup with remote driver. Check the web page for details.



Select your preferred option

For detailed explanations see technical pages.

LED colour	z	Driver	x	SH - Suspension length	d	Body & ceiling cup colour	y	Options on request	Suffix
827	1	FO - fixed output	4	1500 mm	1	White	1	Ceiling cup colour*	White (C1), Black (C2)
830	2	DALI	1	3000 mm	2	Black	2		
840	3			5000 mm	3	Driftwood	3		
930	5					Gold	7		
940	6					Corten	8		
						Red wine	W		
						Gloss White	A		
						Matte White	B		
						Gloss Black	C		
						Matte Black	D		

i *By default ceiling cup comes in the same colour as the body. On request white or black ceiling cup colour is available.



Zoe

Light up your creativity

Creative. Unique. Yours.

Mix and match your favourite combination of five different shapes and an on-trend colour palette to create something that fits your wishes like a glove. The finest materials, green technologies and sophisticated production are reflected in top-notch design and give this decorative element a chance to create the ambience of your dreams.

Whether you are planning a home, a restaurant, a hotel or a store, Zoe finds its place in minimalistic, Scandinavian-influenced and urban interiors and turns it in something truly beautiful.

Creatief. Uniek. Eigen.

Koppel uw favoriete combinatie van vijf verschillende vormen en een trendsetkend kleurenpalet om iets te creëren dat perfect aansluit bij uw wensen. De beste materialen, groene technologie en een geavanceerde productie worden gereflecteerd in topklasse design en geeft dit decoratieve element een kans om de ambience van uw dromen te creëren.

Of u nu een huis, een restaurant, een hotel of een winkel wil verlichten, Zoe vindt altijd een plaatsje en maakt het echt tot iets moois.

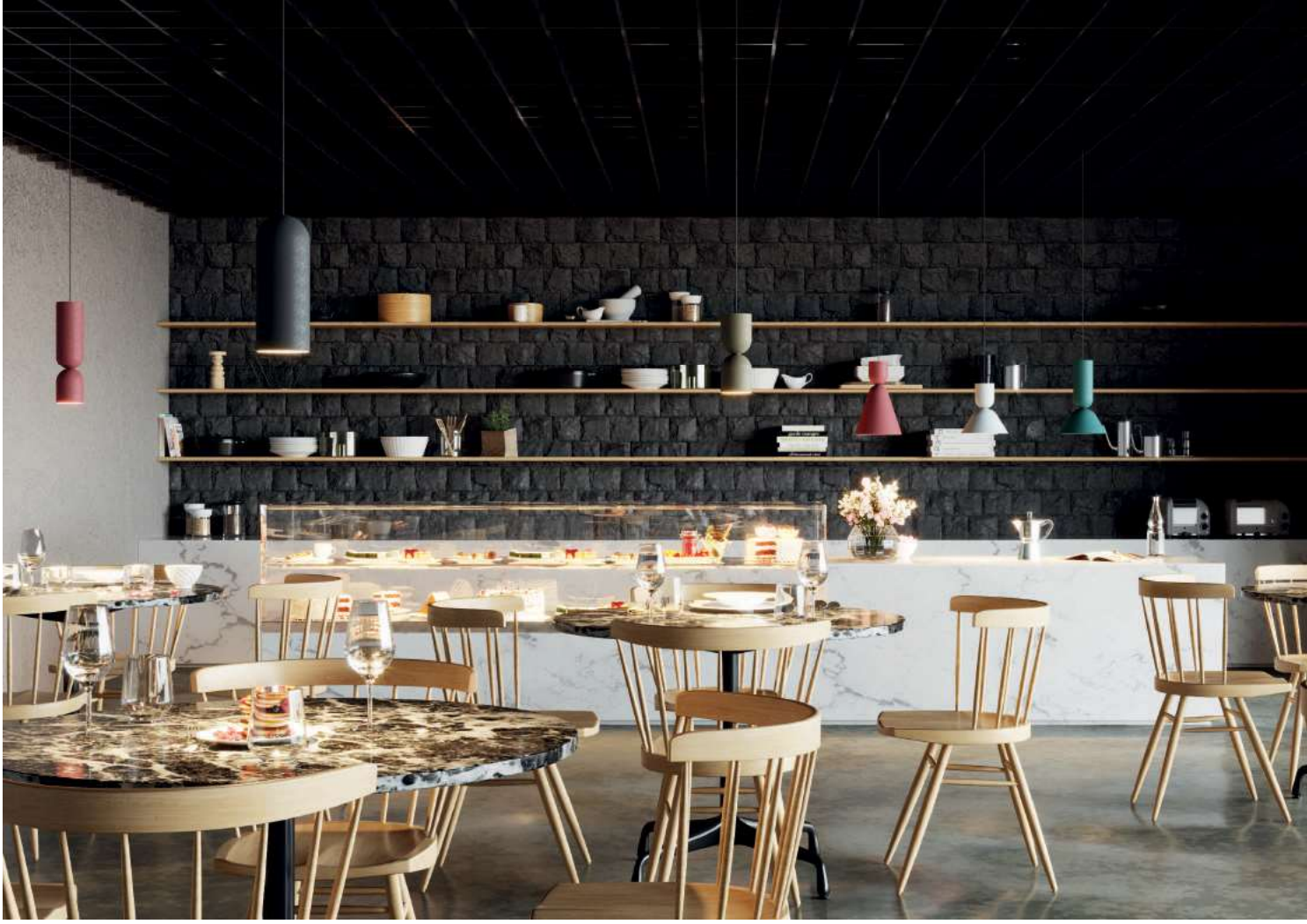
Créatif. Unique. Vôtre.

Mélangez et assortissez votre combinaison préférée de cinq formes différentes et une palette de couleurs tendance pour créer ce qui répondre comme un gant à vos attentes. Les matériaux les plus fins, les technologies écologiques et la fabrication sophistiquée se reflètent dans une conception parfaite et donnent à cet élément décoratif une chance de créer l'ambiance de vos rêves.

Que vous planifiez la construction d'une maison, d'un restaurant, d'un hôtel ou d'un magasin, Zoe trouve sa place dans des intérieurs minimalistes urbains et influencés par la Scandinavie qui en font quelque chose de vraiment beau.







- ∧ **Bistro**, playful colours and shapes
- ∨ **Kitchen**, dining lighting atmosphere





ZOE

UNO

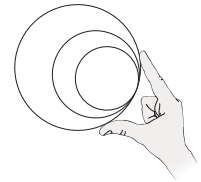
DUO

Diameter	Ø86mm / Ø210 mm	Ø86 mm / Ø132 mm / Ø210 mm
Light output		
Lighting fixture	250 - 780 lm	600 - 1100 lm
Light source	1400 lm	1400 lm
Efficacy		
Lighting fixture	up to 71 lm/W	up to 100 lm/W
Light source	up to 160 lm/W	up to 160 lm/W
LED Colour	830 / 840 / 827 (on request)	830 / 840 / 827 (on request)
Driver	FO / DALI - TD	FO / DALI - TD
Colour finish	1 2 3 4 8	1 2 3 4 8

Zoe S

Suspended

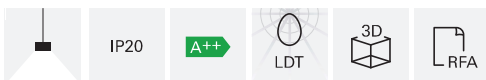
Ø86
Ø132
Ø210



Features

Light output: 250 - 1100 lm

Colours: **1** **2** **3** **4** **8**



230V
50Hz



Installation: Suspended (S). **Light source:** High-power COB LED, CRI 85/95, MacAdam ≤ 3 , 50.000h L80 B10. **Optic:** Satined prismatic lens dome for uniform light distribution. **Body:** Aluminium, powder coated. **Control gear:** Ceiling cup integrated highly-efficient driver with fixed output (FO) or dimmable (DALI). Constant current driver for flat ceiling cup version - order separately. **IP protection:** 20. **Complete with:** Pre-fitted 1,5 m long 2-pole cable. 3 m and 5 m cable available on request.

Montagewijze: Gependeld (S). **Lichtbron:** High-power COB LED module, CRI 85/95, MacAdam ≤ 3 , 50.000h L80 B10. **Optiek:** Gesatineerde prismatiche lenskap voor uniforme lichtverdeling. **Behuizing:** Gepoedercoat aluminium. **Voeding:** In plafondkap geïntegreerde zeer efficiënte driver met vaste uitgang (FO) of dimbaar (DALI). Constante stroomdriver voor platte plafondkapversie - afzonderlijk bestellen. **IP:** 20. **Voorzien van:** Voorgemonteerde 1,5 m lange 2-polige kabel. 3 m en 5 m kabel beschikbaar op aanvraag.

Montage: Suspension (S). **Source de luminaire:** Module COB LED haute puissance, IRC > 85/95, MacAdam ≤ 3 , 50.000h, L80 B10. **Optique:** Lentilles prismatique satiné pour une répartition uniforme de la lumière. **Corps:** Revêtement aluminium à poudre. **Platine:** Driver intégré dans la patère avec sortie fixe (FO) ou dimmable (DALI). Driver a courant constant pour la version à patère plate - commandez séparément. **Indice IP:** 20. **Livre avec:** Câble bipolaire pré-monté de 1,5 m de long. Câble de 3 m et 5 m disponible sur demande.

Mix and match your favourite combination

Different shapes and compositions can create a unique ambient.



Carefully designed

An elegant joint between shapes reflects design with attention to details.



Ceiling cup

Comes in the same colour finish as the upper part of the luminaire. Flat ceiling cup (without the driver) is available on request.



Standard ceiling cup



Flat ceiling cup



Internal colour finish

Comes in the same colour as the bottom part of the luminaire. You can choose the internal color finish in white or gold as well.

* Please note that internal color can affect actual light intensity.



Colour personalization

Other color options are available on request, but minimum required quantity must be met.

Timeless shapes

Create an eye-catching element or blend it in discretely



Attention to details

Seamless transition between the power cable and a luminaire.

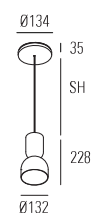


Zoe Z1



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
790 lm	12W	FO, DALI	1,1	1676121xdzyw	1676122xdzyw

On request available also with round flat ceiling cup with remote driver. Check the web page for details.

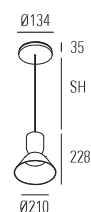


Zoe Z2



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
1100 lm	12W	FO, DALI	1,2	1676221xdzyw	1676222xdzyw

On request available also with round flat ceiling cup with remote driver. Check the web page for details.

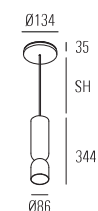


Zoe Z3



LUMEN OUTPUT	POWER*	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
600 lm	12W	FO, DALI	1,3	1676321xdzyw	1676322xdzyw

On request available also with round flat ceiling cup with remote driver. Check the web page for details.

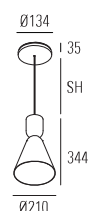


Zoe Z4



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
780 lm	12W	FO, DALI	1,4	1676421xdzyw	1676422xdzyw

On request available also with round flat ceiling cup with remote driver. Check the web page for details.

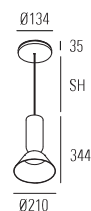


Zoe Z5



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
1100 lm	12W	FO, DALI	1,3	1676521xdzyw	1676522xdzyw

On request available also with round flat ceiling cup with remote driver. Check the web page for details.

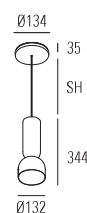


Zoe Z6



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
790 lm	12W	FO, DALI	1,3	1676621xdzyw	1676622xdzyw

i On request available also with round flat ceiling cup with remote driver. Check the web page for details.

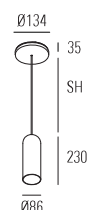


Zoe Z7



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
250 lm	12W	FO, DALI	0,8	1676721xdzy	1676722xdzy

i On request available also with round flat ceiling cup with remote driver. Check the web page for details.

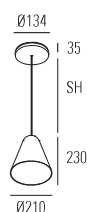


Zoe Z8



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
780 lm	12W	FO, DALI	1	1676821xdzy	1676822xdzy

i On request available also with round flat ceiling cup with remote driver. Check the web page for details.



Select your preferred option

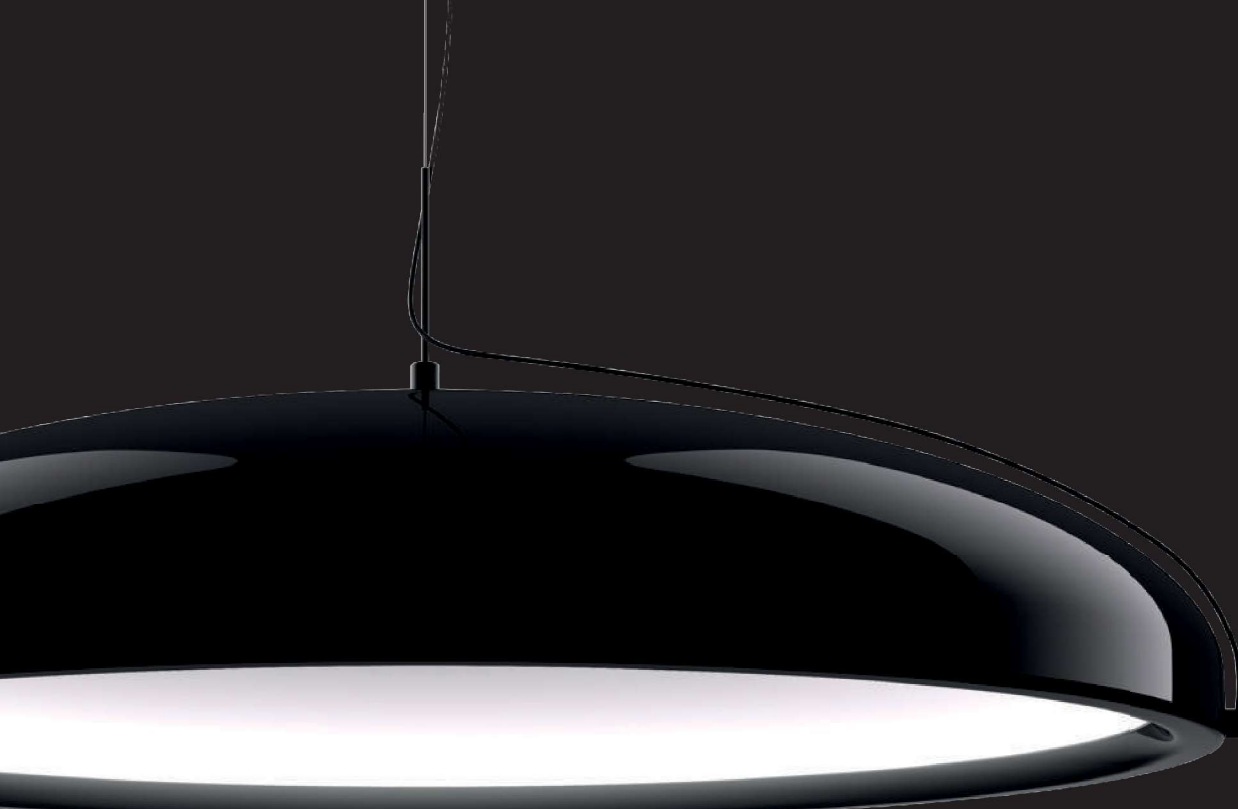
For detailed explanations see technical pages.

Driver	x	Colour - bottom part	y	Colour - upper part	w	Internal colour finish	z
FO - fixed output	1	White	1	White	1	White	1
DALI	4	Black	2	Black	2	Gold	7
		Driftwood	3	Driftwood	3		
		Cream beige	4	Cream beige	4		
		Corten	8	Corten	8		

i Check the web page for available colour combinations.

SH - suspension length	d	Options on request	Suffix
1500 mm	1	Ceiling cup colour*	White (C1), Black (C2)
3000 mm	2		
5000 mm	3		

i *By default ceiling cup comes in the same colour as upper part of the body (lower part in case of Z7 and Z8). On request white or black ceiling cup colour is available.



Dawn

Morning light

Turning dark to dawn one light at a time.

Dawn is the perfect luminaire for all romantics who love soft early morning light. Unlike other luminaires which have their light source located in the centre, Dawn hides its source behind the edge and only reveals soft uniform illumination, comparable to the morning dawn.

Dawn boasts elegant details such as a singlepiece frame, delicate edge design and 100% clean interior, with no visible elements. It's a luminaire that pays attention to the details by turning a power cable to an eye-catching element and it's a perfect example of how to elevate a standard decorative product to a unique lighting experience.

Eén lamp die in één keer van donker naar schemer gaat.

Dawn is het perfecte armatuur voor alle romantici die houden van zacht ochtendlicht. Anders dan andere armaturen waar de lichtbron zich in het midden bevindt, verbergt Dawn zijn bron onder de rand en laat slechts zachte gelijkmatige verlichting zien, vergelijkbaar met de ochtendschemering.

Dawn bevat elegante details zoals een frame uit één stuk, een delicaat ontwerp van de randen en een 100% zuivere binnenkant, zonder zichtbare elementen. Het is een armatuur waarbij aandacht besteed is aan details doordat de stroomkabel veranderd is in een blikvangend element en het is een perfect voorbeeld van hoe een standaard decoratief product veredeld wordt tot een unieke verlichtingsbelevenis.

Transformer l'obscurité en aube en une seule lumière.

Dawn est le luminaire parfait pour tous les romantiques qui aiment la douce lumière du matin. Contrairement à d'autres luminaires dont la source lumineuse est située au centre, la source de Dawn est dissimulée derrière le bord et ne révèle qu'un éclairage doux et uniforme, comparable à celui de l'aube du matin.

Dawn se démarque par des détails élégants tels qu'un cadre d'un seul tenant, une bordure au design raffiné et un intérieur 100 % lisse, sans éléments visibles. C'est un luminaire qui est soucieux des détails en transformant un câble d'alimentation en un élément qui attire l'œil et c'est un exemple parfait de la façon de transformer un produit décoratif standard en une expérience d'éclairage unique.







DAWN S

600

800

1000

Diameter

Ø616 mm

Ø807 mm

Ø1062 mm

Light output

Lighting fixture

1500 - 1600 lm

1950 - 2150 lm

2600 - 2800 lm

Light source

2640 - 2810 lm

3430 - 3780 lm

4570 - 4920 lm

Efficacy

Lighting fixture

up to 63 lm/W

up to 63 lm/W

up to 63 lm/W

Light source

up to 111 lm/W

up to 111 lm/W

up to 111 lm/W

LED Colour

823, 827, 830, 840

823, 827, 830, 840

823, 827, 830, 840

Driver

FO, DALI

FO, DALI

FO, DALI

Colour finish

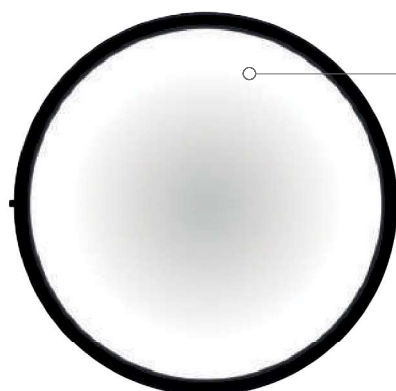
A B D C

A B D C

A B D C

100% clean interior

A soft light you're gonna love!

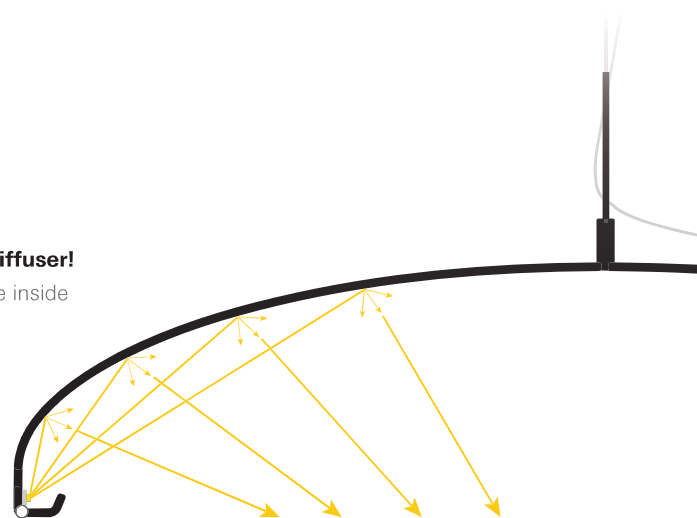


Homogenous light without diffuser!

High quality diffused light on the inside

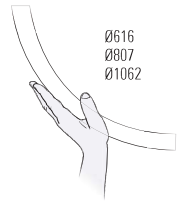
Light source

Light source is hidden in the luminaire frame



Dawn S

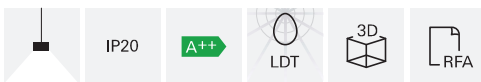
Suspended



Features

Light output: 1550 - 2750 lm

Colours: **A** **B** **D** **C**



230V
50Hz   

Installation: Suspended (S). **Light source:** High-flux LED strip, CRI > 80, MacAdam ≤ 3, 30000h L70 B10. **Optic:** Perimetric indirect light system with gradient. **Body:** Aluminium, gloss painted. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI). Constant voltage driver for flat ceiling cup version - order separately. **IP protection:** 20. **Complete with:** Pre-fitted 1,5 m long 2-pole cable and cord suspension. 3 m and 5 m cable and cord suspension available on request.

Montagewijze: Gependeld (S). **Lichtbron:** High-flux LED strip, CRI > 80, MacAdam ≤ 3, 30000h L70 B10. **Optiek:** Perimetrisch indirect lichtstelsel met koepelvormige reflector. **Behuizing:** Aluminium, glanzend geverfd. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali dimbaar (DALI). Constante spanningsaansturing voor versie met platte plafondkap - afzonderlijk bestellen. **IP:** 20. **Voorzien van:** Voorgemonteerde 1,5 m lange 2-polige kabel en kabelophanging. 3 m en 5 m kabel en kabelophanging beschikbaar op aanvraag.

Montage: Suspension (S). **Source de luminaire:** Haut rendement LED strip, CRI > 80, MacAdam ≤ 3, 30000h L70 B10. **Optique:** Système de lumière indirecte périmétrique avec gradient. **Corps:** Aluminium, peint brillant. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI) Driver à tension constante pour la patère plat à plafond - à commander séparément. **Indice IP:** 20. **Livre avec:** Câble et suspension à 2 pôles de 1,5 m de longueur préinstallés. 3 m et 5 m de câble et suspension de câble disponibles sur demande.

Attention to every detail

A single-piece frame with an elegant edge design

A single suspension point with ceiling cup

A single suspension point offers minimal ceiling distraction. Available with flat ceiling cup with remote driver (RF) or with integrated FO / DALI driver (RD)



Elegant power cable

Following the luminaires shape

Match your style

Dawn is an attractive luminaire that offers a range of gloss and matte colours.



Elegant design

A single-piece frame with an elegant edge design

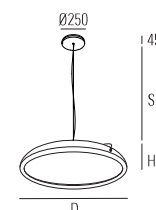
Clean interior

The luminaire interior is clean and without screws, allowing soft uniform diffused light
* Internal colour of the luminaire is always white.

Dawn S RD



LUMEN OUTPUT	POWER	DRIVER	D (mm)	H (mm)	WEIGHT (kg)	ARTICLE NO
1550 lm	27W	FO, DALI	616	132	4,4	168011xdzsy
2050 lm	36W	FO, DALI	807	173	7,1	168012xdzsy
2750 lm	48W	FO, DALI	1062	228	11,5	168013xdzsy

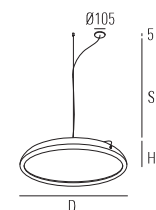


Dawn S RF



LUMEN OUTPUT	POWER	DRIVER	D (mm)	H (mm)	WEIGHT (kg)	ARTICLE NO
1550 lm	27W	24V	616	132	4,4	168011dzsy
2050 lm	36W	24V	807	173	7,7	168012dzsy
2750 lm	48W	24V	1062	228	10,9	168013dzsy

⚠ For all versions with flat ceiling cup (RF) the driver must be ordered separately.



Driver options

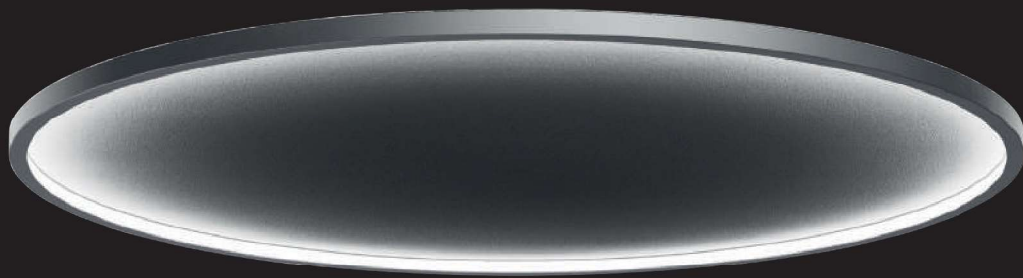


TYPE	TYPE	CUT-OUT DIM	ARTICLE NO
Driver LC 60W 24V FO	FO	60 mm	702120244
Driver LCA 60W 24V DALI one4all	DALI	70 mm	702120242

Select your preferred option

For detailed explanations see technical pages.

Driver	x	LED colour	z	SH - suspension length	d	Ceiling cup colour	s	Body colour	y
FO	4	823	1	1500 mm	1	White	1	White	1
DALI	5	827	2	3000 mm	2	Gloss White	A	Gloss White	A
		830	3	5000 mm	3	Matte White	B	Matte White	B
		840	4	Gloss Black	C	Gloss Black	C		
				Matte Black	D	Matte Black	D		



Futon

See the silence

No need to scream for attention

It's a lifesaver for all those projects where you want to combine unique ambient lighting, trendy colours and functionality of acoustics. Alone or in a creative composition, Futon gives its best when improving speech audibility, and creates an appealing ambience thanks to the light source that illuminates the acoustic fabric. Did we mention Futon's poly-ester fibre panel is made from recycled plastic bottles?

Think about Futon when you're building a designer restaurant, hotel lounge or a common space at a university, as it is one of the favourite picks for interior designers.

Een schreeuw om aandacht is niet nodig.

Het is een redder in nood voor al die projecten waarbij u unieke omgevingsverlichting, trendy kleuren en functionaliteit van de akoestiek wilt combineren. Apart of in een creatieve compositie, Futon is op zijn best bij het verbeteren van de verstaanbaarheid, maar tegelijkertijd een aantrekkelijke ambience creëert dankzij de lichtbron die de akoestische stof belicht. Hadden we al vermeld dat het polyester vezelpaneel van Futon gemaakt is van gerecyclede plastic flessen?

Denk aan het toepassen van Futon wanneer u een restaurant, hotel-lounge of bijvoorbeeld een gemeenschappelijke ruimte op een school of universiteit ontwerpt, omdat het een van de favoriete keuzes voor interieurontwerpers is.

Pas besoin de crier pour attirer l'attention.

Futon est une solution indispensable pour tous ces projets où vous souhaitez combiner un éclairage d'ambiance unique, des couleurs tendance et une fonctionnalité acoustique. Seul ou dans une composition créative, Futon donne le meilleur de lui-même en améliorant l'audibilité du discours tout en créant une ambiance séduisante grâce à la source de lumière qui illumine le tissu acoustique. Avons-nous précisé que le panneau de fibres de polyester de Futon est fabriqué à partir de bouteilles de plastique recyclées ?

Pensez à Futon lorsque vous construisez un restaurant, un salon d'hôtel ou un amphithéâtre à l'université, car c'est l'un des choix préférés des architectes d'intérieur.



- ∧ **Washroom**, Futon mirror - evenly distributed diffused light eliminates face shadows
- ∨ **Spa relaxing corner**, ambient light reducing echo







FUTON

RV
Recessed visible

C / W
Ceiling / Wall

S
Suspended

Filling

Acoustic

Acoustic / Mirror*

Acoustic

Light output

Lighting fixture

600 - 1250 lm

600 - 1250 lm

600 - 1250 lm

Light source

1310 - 2950 lm

1310 - 2950 lm

1310 - 2950 lm

Power

Lighting fixture

18 - 37W

18 - 37W

18 - 37W

LED colour

823 / 827 / 830 / 840

823 / 827 / 830 / 840

823 / 827 / 830 / 840

Driver

Order separately

Order separately

FO, DALI - TD

Diameter

Ø633 / Ø1236 mm

Ø611 / Ø1216 mm

Ø611 / Ø1216 mm

Body colour

1 2

1 2 3 4 9

1 2 3 4 9

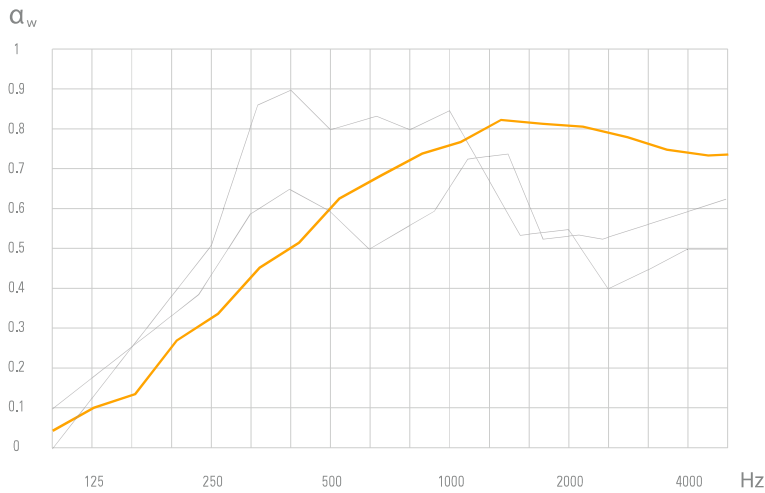
Acoustic colour



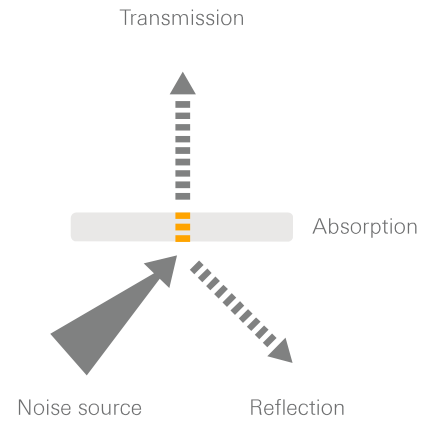
* Futon with mirror is available only with diameter 620 mm.

Maximum acoustic comfort

Futon enables effective soundproofing and sound absorbing in all areas with higher frequencies.



Futon
Acousto Ecophon™
Acousto MOSSwall®

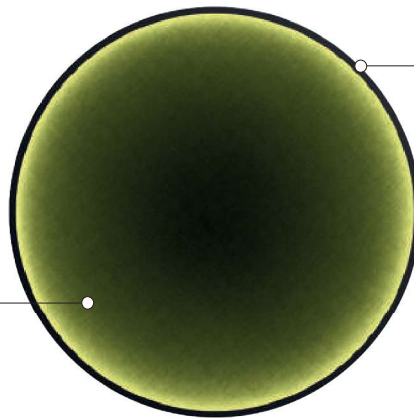


Environmentally friendly

Futon features special polyester fiber panel made from recycled plastic bottles. Textile meets the highest European standards of flame retardant materials.



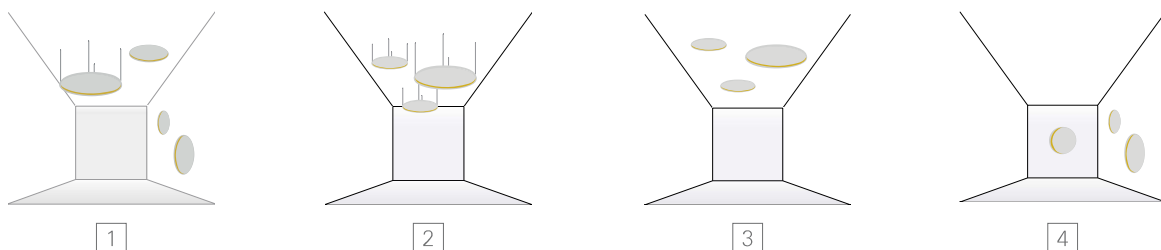
Sound absorber
Ecological,
high acoustic effectiveness,
joining material with a range of colours,
pleasant to touch.



Frame material
Pleasant diffused light,
high-quality aluminium frame,
various colours

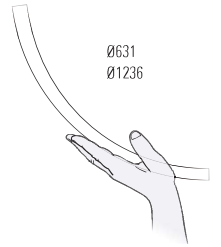
Installation freedom

Futon's wide range fulfills all sound absorbing requirements



Futon RV

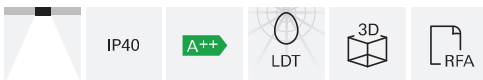
Recessed visible



Features

Light output: 600 - 1250 lm

Colours: **1** **2**



Installation: Recessed ceiling or wall (RV). **Light source:** High-flux LED strip, CRI > 80, MacAdam ≤ 3, 30000h L70 B10. **Optic:** Satin opal polycarbonate diffuser (SOP). **Body:** Extruded aluminium curved profile, powder coated with acoustic central plate. **Control gear:** Constant voltage driver - order separately. **IP protection:** 40. **Complete with:** 1m long 2-pole cable.

Montagewijze: Inbouw of wandmontage (RV). **Lichtbron:** High-flux LED strip, CRI > 80, MacAdam ≤ 3, 30000h L70 B10. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP). **Behuizing:** Geëxtrudeerd aluminium gebogen profiel, gepoedercoat met akoestische middenplaat. **Voeding:** Constante spanningsgestuurde driver - afzonderlijk bestellen. **IP:** 40. **Voorzien van:** 1 meter lange 2-polige kabel.

Montage: Encastré mur ou plafond (RV). **Source de luminaire:** Haut rendement LED strip, CRI > 80, MacAdam ≤ 3, 30000h L70 B10. **Optique:** Diffuseur polycarbonate opal satiné (SOP). **Corps:** Profilé incurvé en aluminium extrudé, enduit de poudre avec plaque centrale acoustique. **Platine:** Driver à tension constante - à commander séparément. **Indice IP:** 40. **Livre avec:** Câble bipolaire de 1 m de long.

Blends in perfectly

Regressed into the ceiling to bring out the soft light effect

Regressed installation

Suitable for plasterboard ceilings with 12,5 and 25mm height

Slim outer edge

Available in two colours

- 1
- 2

Recycled acoustic panel

A modular 100% polyester fiber panel from recycled material and Trevira flame retardant textile cover. Available in the following colours:



Rich light effect

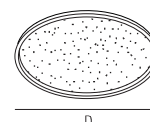
Hidden light source illuminates sound-absorbing acoustic panel from the inner edge. Subsiding evenly, it creates a rich glow effect on the fabric and diffuse light in the space.

Futon RV acoustic

Dco x 80



LUMEN OUTPUT	POWER	DRIVER	D (mm)	Dco (mm)	WEIGHT (kg)	ARTICLE NO
600 lm	18W	24V	631	618	1,8	16794100z0wy
1250 lm	37W	24V	1236	1223	5,8	16794200z0wy



Constant voltage driver must be ordered separately. Power consumption data refer to lighting fixture without the driver.

Select your preferred option

For detailed explanations see technical pages.

LED colour	z	Acoustic panel colour	w	Body colour	y
823	1	Sand	1	White	1
827	2	Grey	2	Black	2
830	3	Orange	3		
840	4	Green	4		

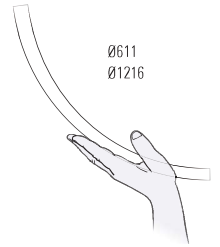
Driver options



TYPE	TYPE	CUT-OUT DIM	ARTICLE NO
Driver 20W 24V active PFC	FO	60 mm	702120008
Driver LC 60W 24V FO	FO	55 mm	702120244
Driver LCA 60W 24V DALI one4all	DALI	55 mm	702120242

Futon C / W

Ceiling / Wall



Features

Light output: 430-1300 lm

Colours: 1 2 3 4 9



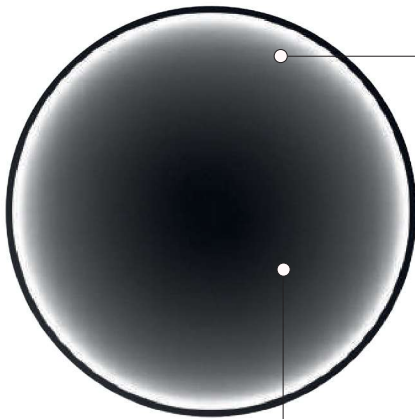
Installation: Ceiling mounted (C), Wall mounted (W). **Light source:** High-flux LED strip, CRI > 80, MacAdam ≤ 3, 30000h L70 B10. **Optic:** Satin opal polycarbonate diffuser (SOP). **Body:** Extruded aluminium curved profile, powder coated with acoustic central plate or mirror. **Control gear:** Constant voltage driver - order separately. **IP protection:** 40 **Complete with:** 1m long 2-pole cable.

Montagewijze: Opbouw (C) , Wand (W). **Lichtbron:** High-flux LED strip, CRI > 80, MacAdam ≤ 3, 30000h L70 B10. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP). **Behuizing:** Geëxtrudeerd aluminium gebogen profiel, gepoedercoat met akoestische middenplaat of spiegel. **Voeding:** Constante spanningsgestuurde driver - afzonderlijk bestellen. **IP:** 40 **Voorzien van:** 1 meter lange 2-polige kabel.

Montage: Plafonnier (C), En applique (w). **Source de luminaire:** Haut rendement LED strip, CRI > 80, MacAdam ≤ 3, 30000h L70 B10. **Optique:** Diffuseur polycarbonate opal satiné (SOP). **Corps:** Profilé incurvé en aluminium extrudé, enduit de poudre avec plaque centrale acoustique ou miroir. **Platine:** Driver à tension constante - à commander séparément. **Indice IP:** 40 **Livre avec:** Câble bipolaire de 1 m de long.

Acoustic or mirror

Modern acoustic or mirror (glass) decoration combined with light and functionality



Rich light effect

Hidden light source illuminates sound-absorbing acoustic panel from the inner edge. Subsiding evenly, it creates a rich glow effect on the fabric and diffuse light in the space.

Recycled acoustic panel

A modular 100% polyester fiber panel from recycled material and Trevira flame retardant textile cover. Available in the following colours:



Mirror panel *

Round wall mirror, integrated into the luminaire elevates the look of your entryway or bathroom.

* Only available as a wall version in size 611mm

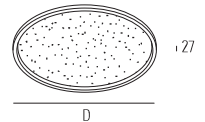


Futon C/W acoustic



LUMEN OUTPUT	POWER	DRIVER	D (mm)	WEIGHT (kg)	ARTICLE NO
600 lm	19W	24V	611	1,6	16791100z0wy
1250 lm	37W	24V	1216	4,4	16791200z0wy

⚠ Constant voltage driver must be ordered separately. Power consumption data refer to lighting fixture without the driver.

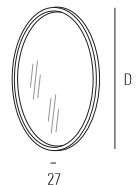


Futon W mirror



LUMEN OUTPUT	POWER	DRIVER	D (mm)	WEIGHT (kg)	ARTICLE NO
1600 lm	28W	24V	611	3,6	16791100z0My

⚠ Constant voltage driver must be ordered separately. Power consumption data refer to lighting fixture without the driver.



Select your preferred option

For detailed explanations see technical pages.

LED colour	z	Acoustic panel colour	w	Body colour	y
823	1	Sand	1	White	1
827	2	Grey	2	Black	2
830	3	Orange	3	Driftwood	3
840	4	Green	4	Cream beige	4
				Anthracite	9

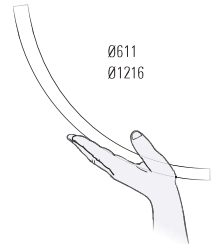
Driver options



TYPE	TYPE	CUT-OUT DIM	ARTICLE NO
Driver 20W 24V active PFC	FO	60 mm	702120008
Driver LC 60W 24V FO	FO	55 mm	702120244
Driver LCA 60W 24V DALI one4all	DALI	55 mm	702120242

Futon S

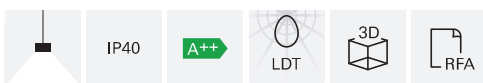
Suspended



Features

Light output: 430-1300 lm

Colours: **1** **2** **3** **4** **9**



24V

230V
50Hz



Installation: Suspended (S). **Light source:** High-flux LED strip, CRI > 80, MacAdam ≤ 3 , 30000h L70 B10. **Optic:** Satin opal polycarbonate diffuser (SOP). **Body:** Extruded aluminium curved profile, powder coated with acoustic central plate. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI). Constant voltage driver for flat ceiling cup version - order separately. **IP protection:** 40. **Complete with:** Pre-fitted 1,5 m long 2-pole cable and cord suspension, 3 m and 5 m cable and cord suspension available on request.

Montagewijze: Gependeld (S). **Lichtbron:** High-flux LED strip, CRI > 80, MacAdam ≤ 3 , 30000h L70 B10. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP). **Behuizing:** Geëxtrudeerd aluminium gebogen profiel, gepoedercoat met akoestische middenplaat. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali dimbaar (DALI). Constante spanningsaansturing voor versie met platte plafondkap - afzonderlijk bestellen. **IP:** 40. **Voorzien van:** Voorgemonteerde 1,5 m lange 2-polige kabel en kabelophanging, 3 m en 5 m kabel en kabelophanging beschikbaar op aanvraag.

Montage: Suspension (S). **Source de luminaire:** Haut rendement LED strip, CRI > 80, MacAdam ≤ 3 , 30000h L70 B10. **Optique:** Diffuseur polycarbonate opal satiné (SOP). **Corps:** Profilé incurvé en aluminium extrudé, enduit de poudre avec plaque centrale acoustique. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI) Driver à tension constante pour la patère plat à plafond - à commander séparément. **Indice IP:** 40. **Livre avec:** Câble et suspension à 2 pôles de 1,5 m de longueur préinstallés, 3 m et 5 m de câble et suspension de câble disponibles sur demande.

Thin performer

Light, incorporated in the elegant thin frame.

Suspension and ceiling cup

Available with 1,5, 3 or 5m adjustable wire suspension. Driver can be integrated into the ceiling cup (RD versions) or can be ordered separately in case of flat ceiling cup (RF versions).

27 mm

Rich light effect

Hidden light source illuminates sound-absorbing acoustic panel from the inner edge. Subsiding evenly, it creates a rich glow effect on the fabric and diffuse light in the space.

Recycled acoustic panel

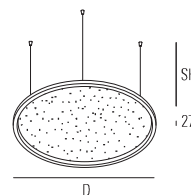
A modular 100% polyester fiber panel from recycled material and Trevira flame retardant textile cover. Available in the following colours:



Futon S acoustic



LUMEN OUTPUT	POWER	DRIVER	D (mm)	WEIGHT (kg)	ARTICLE NO
Versions with flat ceiling cup RF without the driver					
600 lm	19W	24V	611	1,7	1679211dzswy
1250 lm	37W	24V	1216	4,6	1679221dzswy
Versions with integrated 20W driver in the ceiling cup RD 134 mm					
600 lm	19W	DALI	611	2,2	1679212dzswy
Versions with integrated 60W driver in the ceiling cup RD 250 mm					
600 lm	19W	FO, DALI	611	2,2	167921xdzswy
1250 lm	37W	FO, DALI	1216	5,1	167922xdzswy



⚠ For all versions with flat ceiling cup (RF) the driver must be ordered separately.

Select your preferred option

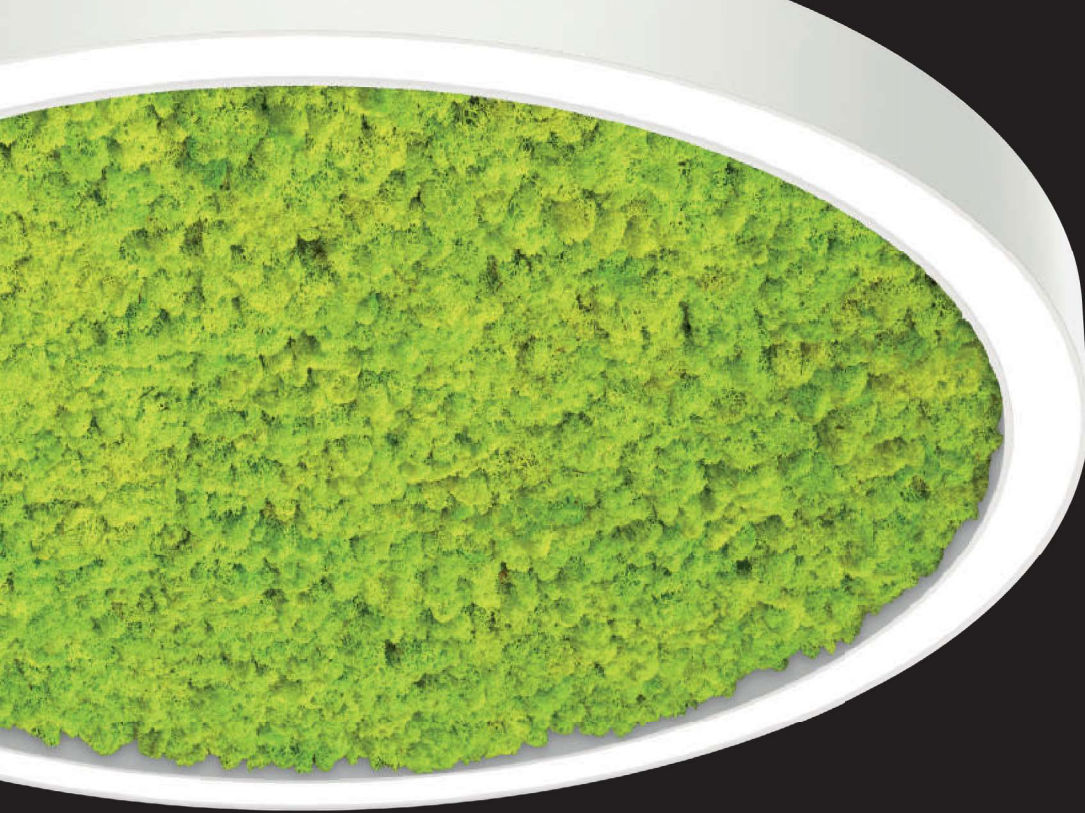
For detailed explanations see technical pages.

Ceiling cup type	x	Suspension length (SH)	d	LED colour	z	Ceiling cup colour	s
RD 250 50W FO	4	1500 mm	1	823	1	White	1
RD 250 50W DALI	5	3000 mm	2	827	2	Black	2
		5000 mm	3	830	3	Driftwood	3
			4	840	4	Cream beige	4
						Anthracite	9
Acoustic panel colour	w	Body colour	y				
Sand	1	White	1				
Grey	2	Black	2				
Orange	3	Driftwood	3				
Green	4	Cream beige	4				
		Anthracite	9				

Driver options



TYPE	TYPE	CUT-OUT DIM	ARTICLE NO
Driver 20W 24V active PFC	FO	60 mm	702120008
Driver LC 60W 24V FO	FO	55 mm	702120244
Driver LCA 60W 24V DALI one4all	DALI	55 mm	702120242



Acousto

Control your sound

Keeps the noise down.

In an open workspace, there is nothing more annoying than noises you don't want to hear. But here comes Acousto and it's here to make a change. Acousto is a luminaire that features acoustic panels that provide excellent absorption of sounds, making your area not only quieter, but also more private.

Think about Acousto when creating large and open spaces with a majority of hard surfaces and an echo, or when you're simply seeking a different and green solution. And by saying that, we're thinking about MOSSwall panels, that not only help absorb the noise but also bring nature indoors and are maintenance free. How cool is that?

Houd het geluid zacht.

In een open werkruimte is er niets vervelender dan geluiden die u niet wilt horen. Maar nu is er Acousto en die dit brengt hier verandering in. Acousto is een verlichtingsarmatuur gekenmerkt door akoestische panelen die geluiden uitstekend absorberen, hierdoor wordt uw ruimte niet alleen rustiger maar ervaart u ook meer privacy

Denk aan het toepassen van Acousto wanneer u grote en open ruimte creëert met voornamelijk harde oppervlakken en een echo, of wanneer u enkel een andere en groene oplossing zoekt. En dat zeggende denken we aan MOSSwall panelen, die niet alleen het geluid absorberen maar ook de natuur naar binnen brengen. Deze panelen zijn ook nog eens onderhoudsvrij, hoe cool is dat?

Maintenir le bruit à un faible niveau.

Dans un espace de travail ouvert, il n'y a rien de plus agaçant que les bruits que vous ne voulez pas entendre. Voici Acousto qui va révolutionner votre environnement de travail. Acousto est un luminaire doté de panneaux acoustiques qui assurent une excellente absorption des sons afin de rendre votre espace non seulement plus silencieux, mais aussi plus privé.

Pensez à Acousto lorsque vous créez de grands espaces ouverts avec une majorité de surfaces dures et sujettes aux échos, ou si vous recherchez tout simplement une solution différente et écologique. Et en disant cela, nous pensons aux panneaux MOSSwall qui, en plus d'absorber le bruit, apportent la nature à l'intérieur et ne nécessitent aucun entretien. Est-ce que ceci n'est pas cool?

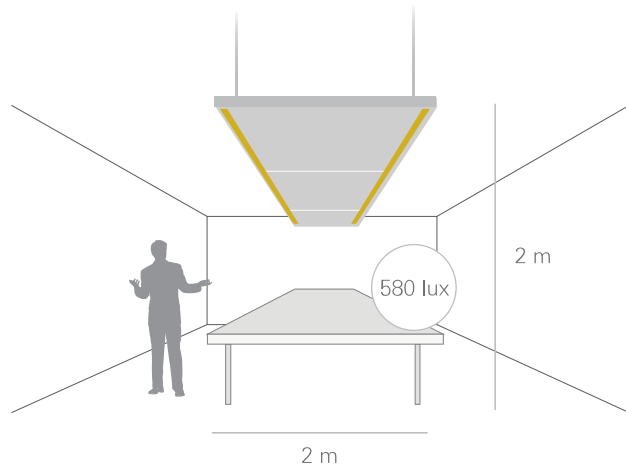
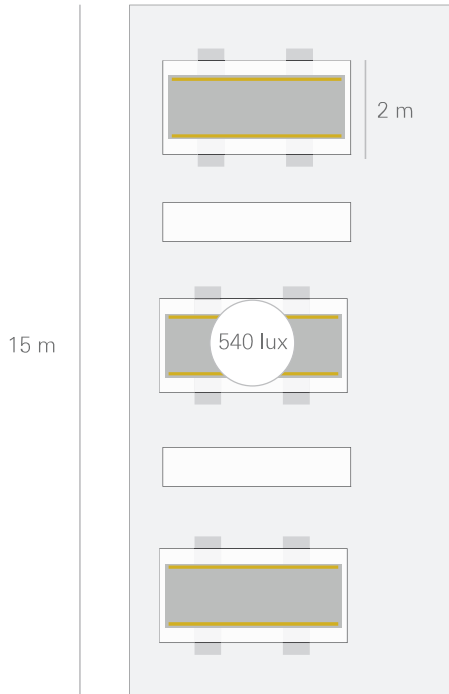


Your office luminaire

Think about Acousto when planning an open office with lots of high frequency noises, like phone ringing. Acousto is perfect for large and open spaces with a majority of hard surfaces and an echo, or for projects that seek different and green solution.

Open plan office

Floor plan



Task area case

1x Acousto Rectangular SDI

Installation height = 2 m

UGR<19

E>580 lux

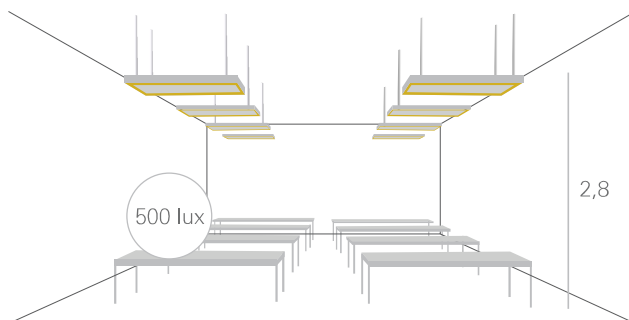
Conference room case

8x Acousto Square S

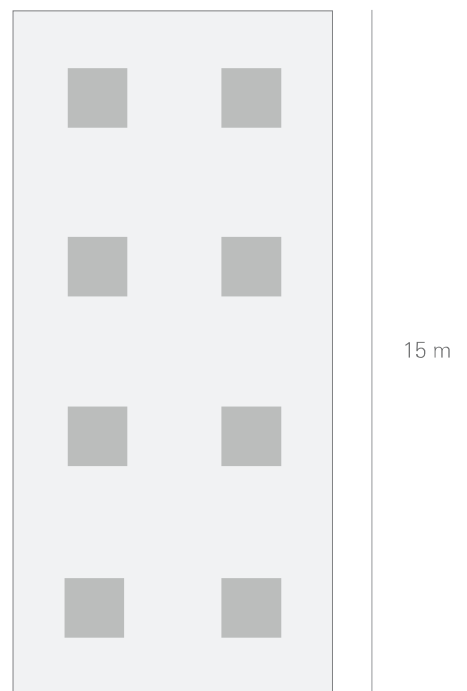
Installation height = 2,8 m

UGR<19

E>500 lux

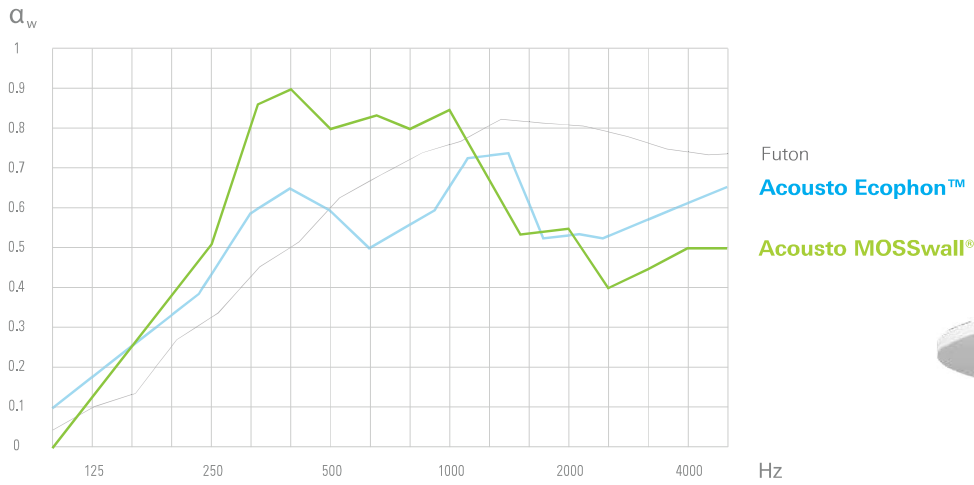


Floor plan



A-class sound absorption

Light and acoustics, two basic workspace factors, have a direct impact on physical and mental well-being. Measurements show that MossWall® absorbs lower frequencies better, while Ecophon™ has better performance with speech frequencies.



Bring nature indoors

Dried moss absorbs air humidity and is therefore, maintenance free. It has excellent sound absorbing properties, it minimizes echoes and noise and improves working environment.



Available in 3 colours:



Wasabi (2)



Mint (3)



Natural (4)



100% Natural



Anti - static



Non - flammable

Certificate
UNI EN 13501-1:2009

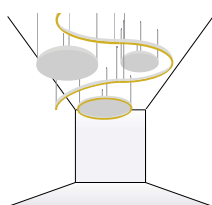


Sound absorbing

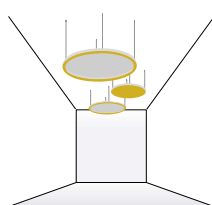
Certificate
UNI EN ISO 354:2003
- 11654:1998

Different installation possibilities

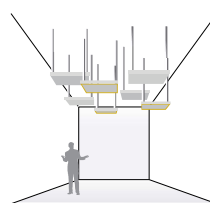
That fulfill all sound absorption requirements. Combine different models of Acousto with acoustic panels or with other organic-shaped luminaires.



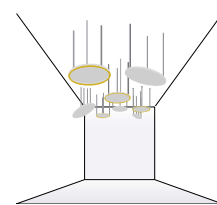
1



2



3



4



ACOUSTO

ROUND C / S

Ceiling / Suspended

ROUND SDI

Suspended direct-indirect

Diffuser	SOP / DPR	SOP / DPR
Acoustic	Ecophon / Mosswall	Ecophon / Mosswall
Light output		
Lighting fixture	7500 - 10900 lm	14700 - 21000 lm
Light source	10700 - 15570 lm	21000 - 30000 lm
Efficacy		
Lighting fixture	115 lm/W	115 lm/W
Light source	180 lm/W	180 lm/W
LED colour	827 / 830 / 840 / TW	827 / 830 / 840 / TW
Driver	FO, DALI-TD	FO, DALI-TD, TD
IP protection	IP20	IP20
Emergency kit	EM 1h / 3h	EM 1h / 3h
Body colour	1 2 3 4 6 8 9	1 2 3 4 6 8 9



SQUARE C / S

Ceiling / Suspended

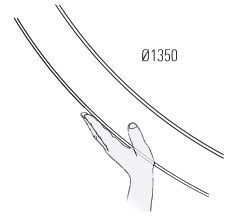
RECTANGULAR C / S / SDI

Ceiling / Suspended / Suspended direct - indirect

SOP / DPR	SOP / DPR
Ecophon / Mosswall	Ecophon / Mosswall
10800 - 15400 lm 15430 - 20800 lm	14800 - 36800 lm 21100 - 52500 lm
115 lm/W 180 lm/W	115 lm/W 180 lm/W
827 / 830 / 840 / TW	827 / 830 / 840 / TW
FO, DALI-TD, TD	FO, DALI-TD, TD
IP20	IP20
EM 1h / 3h	EM 1h / 3h
1 2 3 4 6 8 9	1 2 3 4 6 8 9

Acousto Round C / S / SDI

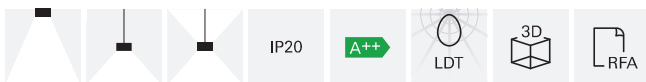
Ceiling / Suspended / Suspended direct-indirect



Features

Light output: 7500 - 20800 lm

Colours: **1** **2** **3** **4** **6** **8** **9**



230V
50Hz



Installation: Ceiling mounted (C), Suspended (S). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Optic:** Satin opal PMMA diffuser (SOP), Soft-light prismatic PMMA diffuser (DPR). **Light distribution:** Direct (C/S), Direct / Indirect (SDI). **Body:** Extruded aluminium curved profile, powder coated with acoustic Ecophon or Mosswall® central plate. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 20. **Accessories** (order separately): Adjustable wire suspension and ceiling cup with power cable available in various lengths (S version).

Montagewijze: Opbouw (C) , Gependeld (S). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Optiek:** Gesatineerde opalen PMMA afscherming (SOP), Soft-light prismatic PMMA-afscherming (DPR). **Lichtverdeling:** Direct (C/S), Direct/Indirect (SDI). **Behuizing:** Geëxtrudeerd aluminium gebogen profiel, gepoedercoat met akoestische Ecophon of Mosswall® centraalplaat. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dalí TouchDim dimbaar (DALI-TD). **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 20. **Accessoires** (apart te bestellen): Verstelbare draadoophanging en plafondkap met stroomkabel verkrijgbaar in verschillende lengtes. (S-versie).

Montage: Plafonnier (C), Suspension (S). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤ 3 , 50.000h, L80 B10. **Optique:** Diffuseur en PMMA opal satiné (SOP), Diffuseur PMMA prismatique à lumière douce (DPR). **Eclairage:** Direct (C/S), Direct/ Indirect (SDI). **Corps:** Profilé incurvé en aluminium extrudé, enduit de poudre avec plaque centrale Ecophon ou Mosswall® acoustique. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD) **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 20. **Accessoires** (a commander separement): Suspension en fil métallique réglable et la patère avec câble d'alimentation disponible en différentes longueurs. (version S).

Suspension and ceiling cup

Suspension set and ceiling cup must be ordered separately. Available in different length option.

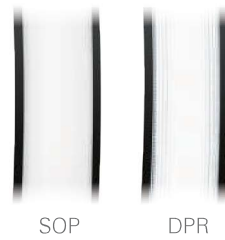
Match your style

Choose from wide selection of colours:



Choose your optics

Satin opal (SOP) for general illumination or soft - light prismatic optics (DPR) for more controlled light



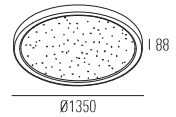
Sound absorbing panel

Ecophon or Mosswall®

Acousto round C/S MOSSwall®

LUMEN OUTPUT	POWER		DRIVER	WEIGHT (kg)	ARTICLE NO		
	SOP	DPR			TW	3000K	4000K
7600 lm	7500 lm	69W	FO, DALI	15,8	12810z1A30y2w	12810zx530y2w	12810zx630y2w
10900 lm	10700 lm	100W	FO, DALI	15,8	12810z1K30y2w	12810zx530y2w	12810zx930y2w

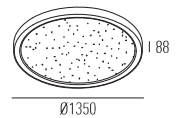
⚠ For suspended installation suspension set must be ordered separately - 4 wire suspensions and power supply cable with ceiling cup.
 ⓘ On request available with emergency kit for 1 h or 3h autonomy. For LED colour 827 refer to web page.



Acousto round C/S Ecophon

LUMEN OUTPUT	POWER		DRIVER	WEIGHT (kg)	ARTICLE NO		
	SOP	DPR			TW	3000K	4000K
7600 lm	7500 lm	69W	FO, DALI	15,8	12810z1A30y11	12810zx530y11	12810zx630y11
10900 lm	10700 lm	100W	FO, DALI	15,8	12810z1K30y11	12810zx530y11	12810zx930y11

⚠ For suspended installation suspension set must be ordered separately - 4 wire suspensions and power supply cable with ceiling cup.
 ⓘ On request available with emergency kit for 1 h or 3h autonomy. For LED colour 827 refer to web page.



Select your preferred option

For detailed explanations see technical pages.

Optics	z	Driver	x	Body colour	y	Acoustic colour	w
SOP - Satin opal	1	FO - fixed output	4	White	1	MOSSwall® wasabi	2
DPR - Diffused prismatic	2	FO-DS - dual switch	8	Black	2	MOSSwall® mint	3
		DALI-TD	1	Driftwood	3	MOSSwall® natural	4
		DALI-DS	9	Creme beige	4		
		TD	0	Silver aluminium	6		
				Corten	8		
				Anthracite	9		

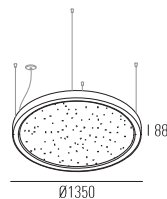
Acousto round SDI MOSSwall®



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO		
SOP				TW	3000K	4000K
7600+7100 lm	69W+57W	FO, DALI	19,6	12830z1A30y2w	12830zx530y2w	12830zx630y2w
10900+10100 lm	100W+92W	FO, DALI	19,6	12830z1K30y2w	12830zx530y2w	12830zx930y2w

⚠ For suspended installation suspension set must be ordered separately - 4 wire suspensions and power supply cable with ceiling cup.

ⓘ On request available with emergency kit for 1 h or 3h autonomy. For LED colour 827 refer to web page.



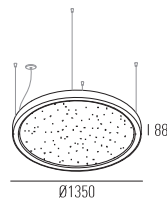
Acousto round SDI Ecophon



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO		
SOP				TW	3000K	4000K
7600+7100 lm	69W+57W	FO, DALI	19,6	12830z1A30y11	12830zx530y11	12830zx630y11
10900+10100 lm	100W+92W	FO, DALI	19,6	12830z1K30y11	12830zx530y11	12830zx930y11

⚠ For suspended installation suspension set must be ordered separately - 4 wire suspensions and power supply cable with ceiling cup.

ⓘ On request available with emergency kit for 1 h or 3h autonomy. For LED colour 827 refer to web page.



Select your preferred option

For detailed explanations see technical pages.

Optics	z	Driver	x	Body colour	y	Acoustic colour	w
SOP - Satin opal	3	FO - fixed output	4	White	1	MOSSwall® wasabi	2
DPR - Diffused prismatic	4	FO-DS - dual switch	8	Black	2	MOSSwall® mint	3
		DALI-TD	1	Driftwood	3	MOSSwall® natural	4
		DALI-DS	9	Creme beige	4		
		TD	0	Silver aluminium	6		
				Corten	8		
				Antracite	9		

Accessories

TYPE	ARTICLE NO
Adjustable wire suspension S10F	1000122sh0y
RH ceiling cup transparent cable with 3x0,75 mm ²	1001131sh9y
RH ceiling cup transparent cable with 5x0,75 mm ²	1001132sh9y

Select your preferred option

For detailed explanations see technical pages.

Suspension length	sh	Colour	y
1500 mm	15	White	1
3000 mm	30	Black	2
5000 mm	50		

Acousto Square / Rectangular C / S / SDI

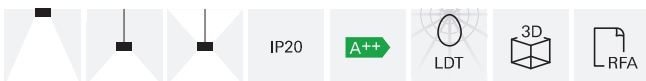
Ceiling / Suspended / Suspended direct-indirect



Features

Light output: 10800 - 208000 lm

Colours: 1 2 3 4 6 8 9



230V
50Hz






Installation: Ceiling mounted (C), Suspended (S). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optic:** Satin opal PMMA diffuser (SOP), Soft-light prismatic PMMA diffuser (DPR). **Light distribution:** Direct (C/S), Direct / Indirect (SDI). **Body:** Extruded aluminium profile, powder coated with acoustic Ecophon or Mosswall® central plate. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 20. **Accessories** (order separately): Adjustable wire suspension and ceiling cup with power cable available in various lengths (S version).

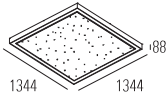
Montagewijze: Opbouw (C) , Gependeld (S). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optiek:** Gesatineerde opalen PMMA afscherming (SOP), Soft-light prismatic PMMA-afscherming (DPR). **Lichtverdeling:** Direct (C/S), Direct/Indirect (SDI). **Behuizing:** Geëxtrudeerd aluminium profiel, gepoedercoat met akoestische Ecophon of Mosswall® middenplaat. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dalí TouchDim dimbaar (DALI-TD). **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 20. **Accessoires** (apart te bestellen): Verstelbare draadoophanging en plafondkap met stroomkabel verkrijgbaar in verschillende lengtes. (S-versie).

Montage: Plafonnier (C), Suspension (S). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤3, 50.000h, L80 B10. **Optique:** Diffuseur en PMMA opal satiné (SOP), Diffuseur PMMA prismatique à lumière douce (DPR). **Eclairage:** Direct (C/S), Direct/ Indirect (SDI). **Corps:** Profilé en aluminium extrudé, revêtement en poudre avec plaque centrale acoustique Ecophon ou Mosswall®. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD) **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 20. **Accessoires** (a commander separement): Suspension en fil métallique réglable et la patère avec câble d'alimentation disponible en différentes longueurs. (version S).


Acousto square C/S MOSSwall®



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	TW		3000K	4000K	ARTICLE NO
								
SOP								
10800 lm	92W	FO, DALI-TD	28,2	1742z1A101y2w	1742zx5101y2w			1742zx6101y2w
15400 lm	140W	FO, DALI-TD	28,2	1742z1K101y2w	1742zx8101y2w			1742zx9101y2w

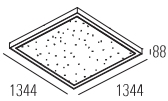
 For suspended installation suspension set must be ordered separately - 4 wire suspensions and power supply cable with ceiling cup.
 On request available with emergency kit for 1 h or 3h autonomy. For LED colour 827 refer to web page,



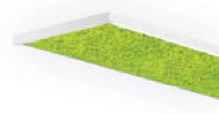
Acousto square C/S Ecophon



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	TW		3000K	4000K	ARTICLE NO
								
SOP								
10800 lm	92W	FO, DALI-TD	22,2	1742z1A101y11	1742zx5101y11			1742zx6101y11
15400 lm	140W	FO, DALI-TD	22,2	1742z1K101y11	1742zx8101y11			1742zx9101y11

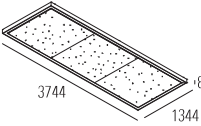
 For suspended installation suspension set must be ordered separately - 4 wire suspensions and power supply cable with ceiling cup.
 On request available with emergency kit for 1 h or 3h autonomy. For LED colour 827 refer to web page,




Acousto rectangular C/S MOSSwall®



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	TW		3000K	4000K	ARTICLE NO
								
SOP								
14800 lm	120W	FO, DALI-TD	63,5	1742z1A102y2w	1742zx5102y2w			1742zx6102y2w
20800 lm	188W	FO, DALI-TD	63,5	1742z1K102y2w	1742zx8102y2w			1742zx9102y2w

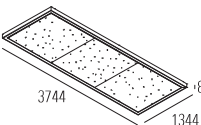
 For suspended installation suspension set must be ordered separately - 8 wire suspensions and power supply cable with ceiling cup.
 On request available with emergency kit for 1 h or 3h autonomy. For LED colour 827 refer to web page,



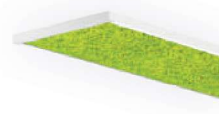
Acousto rectangular C/S Ecophon



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	TW		3000K	4000K	ARTICLE NO
								
SOP								
14800 lm	120W	FO, DALI-TD	45,5	1742z1A102y11	1742zx5102y11			1742zx6102y11
20800 lm	188W	FO, DALI-TD	45,5	1742z1K102y11	1742zx8102y11			1742zx9102y11

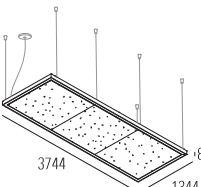
 For suspended installation suspension set must be ordered separately - 8 wire suspensions and power supply cable with ceiling cup.
 On request available with emergency kit for 1 h or 3h autonomy. For LED colour 827 refer to web page,



Acousto rectangular SDI MOSSwall®

LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	TW		3000K	4000K	ARTICLE NO
								
SOP								
14800+11200 lm	120+112W	FO-DS, DALI-DS, TD	63,5	1743z1A102y2w	1743zx5102y2w			1743zx6102y2w
20800+16000 lm	188+176W	FO-DS, DALI-DS, TD	63,5	1743z1K102y2w	1743zx8102y2w			1743zx9102y2w



 For suspended installation suspension set must be ordered separately - 8 wire suspensions and power supply cable with ceiling cup.
 On request available with emergency kit for 1 h or 3h autonomy. For LED colour 827 refer to web page,

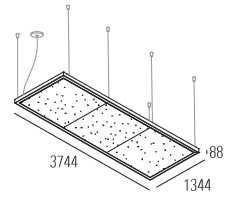


Acousto rectangular SDI Ecophon



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)		ARTICLE NO	
SOP			TW		3000K	4000K
14800+11200 lm	120+112W	FO-DS, DALI-DS, TD	45,5	1743z1A102y11	1743zx5102y11	1743zx6102y11
20800+16000 lm	188+176W	FO-DS, DALI-DS, TD	45,5	1743z1K102y11	1743zx8102y11	1743zx9102y11

-  For suspended installation suspension set must be ordered separately - 8 wire suspensions and power supply cable with ceiling cup.
-  On request available with emergency kit for 1 h or 3h autonomy. For LED colour 827 refer to web page.



Select your preferred option

For detailed explanations see technical pages.

Optics	z	Driver	x	Body colour	y	Acoustic colour	w
SOP - Satin opal	1	FO - fixed output	4	White	1	MOSSwall® wasabi	2
DPR - Diffused prismatic	2	FO-DS - dual switch	8	Black	2	MOSSwall® mint	3
		DALI-TD	1	Driftwood	3	MOSSwall® natural	4
		DALI-DS	9	Creme beige	4		
		TD	0	Silver aluminium	6		
				Corten	8		
		Antracite	9				

Accessories

TYPE	ARTICLE NO
Adjustable wire suspension S10F	1000122sh0y
SH ceiling cup transparent cable with 3x0,75 mm ²	1001133sh9y
SH ceiling cup transparent cable with 5x0,75 mm ²	1001135sh9y

Select your preferred option

For detailed explanations see technical pages.

Suspension length	sh	Ceiling cup colour	y
1500 mm	15	White	1
3000 mm	30	Black	2
5000 mm	50		



**BIGSEE
PRODUCTDESIGN
AWARD
2018**

Wave Round

Life is a full circle

If you're not into circles, move on.

Challenge your creativity by designing repeating figures or an original combination of different shapes and sizes, without losing the focal point.

'Wave round' may look all glitz and glamour, but it also boasts increased efficiency and reduced glare and as such is appropriate for your reception, building entrance or a shopping centre. It's an object that seeks attention without dominating your space.

Als je niet zo van de cirkels bent, kijk dan verder.

Prikkel uw creativiteit door het ontwerpen van terugkerende afbeeldingen of een originele combinatie van verschillende vormen en maten, zonder de focus uit het oog te verliezen.

"Wave round" lijkt misschien alleen maar glitter en glamour, maar het verhoogt tevens de efficiëntie en vermindert de schittering en is als zodanig onder meer uitermate geschikt voor de entree van een kantoorpand of winkelcentrum. Het is een object dat de aandacht trekt zonder de ruimte te domineren.

Si vous n'êtes pas dans les cercles, passez à autre chose.

Mettez votre créativité à l'épreuve en concevant des figures répétitives ou une combinaison originale de formes et de tailles différentes, sans perdre de vue le plus important.

« Wave round » peut sembler tout en éclat et glamour, mais il se démarque par une efficacité accrue et un faible éblouissement et il est, de ce fait, approprié pour votre salle de réception, l'entrée d'un bâtiment ou d'un centre commercial. C'est un objet en quête d'attention qui ne dominera pas votre espace.









WAVE ROUND

C / S

Ceiling / Suspended

SDI

Suspended direct - indirect

Diffuser

DPR / SOP

DPR / SOP

Diameter

Ø615 mm - Ø8000 mm

Ø615 mm - Ø8000 mm

Light output

Lighting fixture

2800 - 66600 lm

5000 - 126100 lm

Light source

1860 - 2650 lm/m

3390 - 4900 lm/m

DLOR / ULOR

-

-

Efficacy

up to 110 lm/W

up to 115 lm/W

LED colour

827 / 830 / 840 / TW

827 / 830 / 840 / TW

IP Protection

IP20

IP20

Emergency module

EM 1h / EM 3h

EM 1h / EM 3h

Driver

DALI / FO

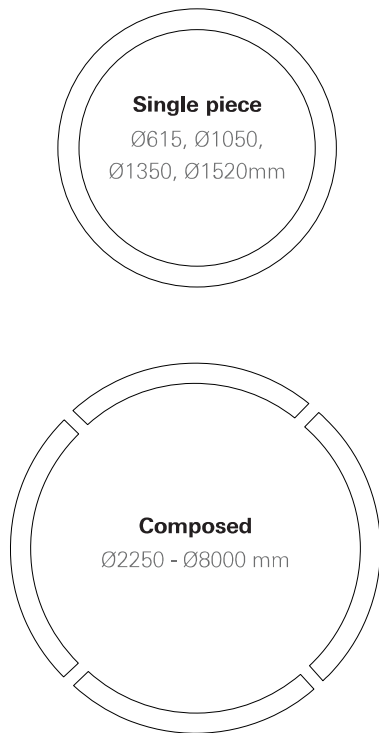
DALI / FO

Colour finish



Choose your size

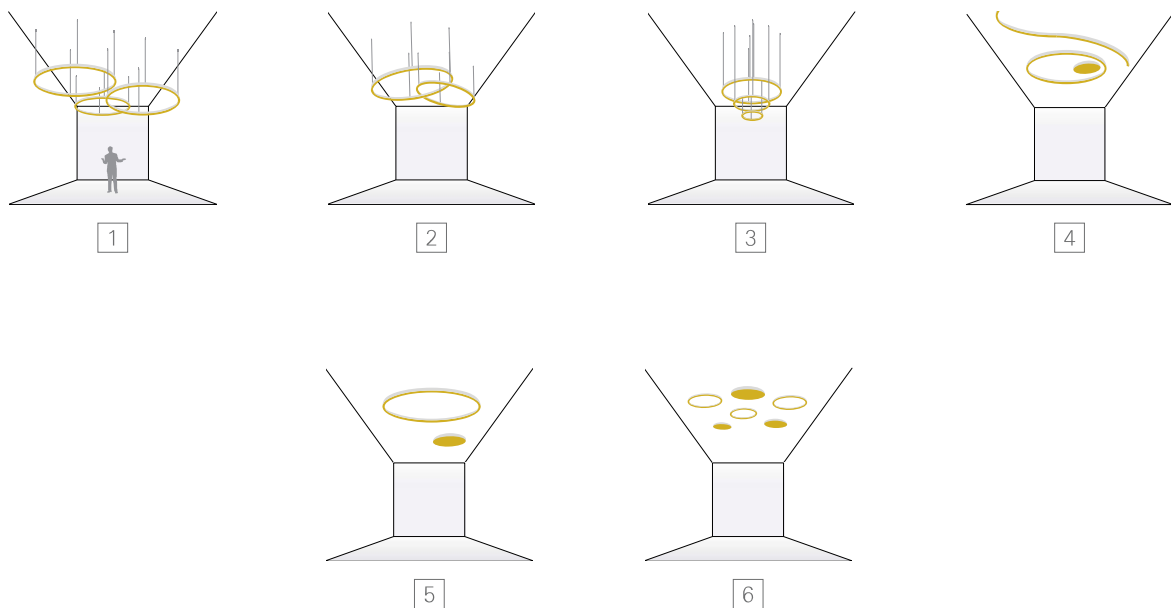
Wave round with diameter up to Ø1520mm is made from one piece, while bigger diameters are composed of multiple parts.



Diameter (mm)	No. of parts	No. of suspensions
Ø615	1	3
Ø1050	1	4
Ø1350	1	4
Ø1520	1	4
Ø2250	4	8
Ø2500	4	8
Ø3000	4	8
Ø3500	4	8
Ø3950	4	8
Ø4900	8	16
Ø6000	8	16
Ø8000	8	16

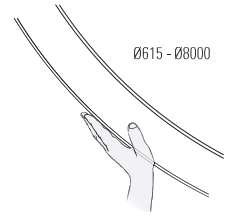
Be creative in composition.

Catch attention with a simple refined shape or grouped composition.



Wave Round C / S / SDI

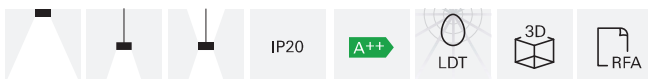
Ceiling / Suspended / Suspended direct-indirect



Features

Light output: 2800 - 126100 lm

Colours: **1** **2** **3** **4** **6** **8** **9**



230V
50Hz



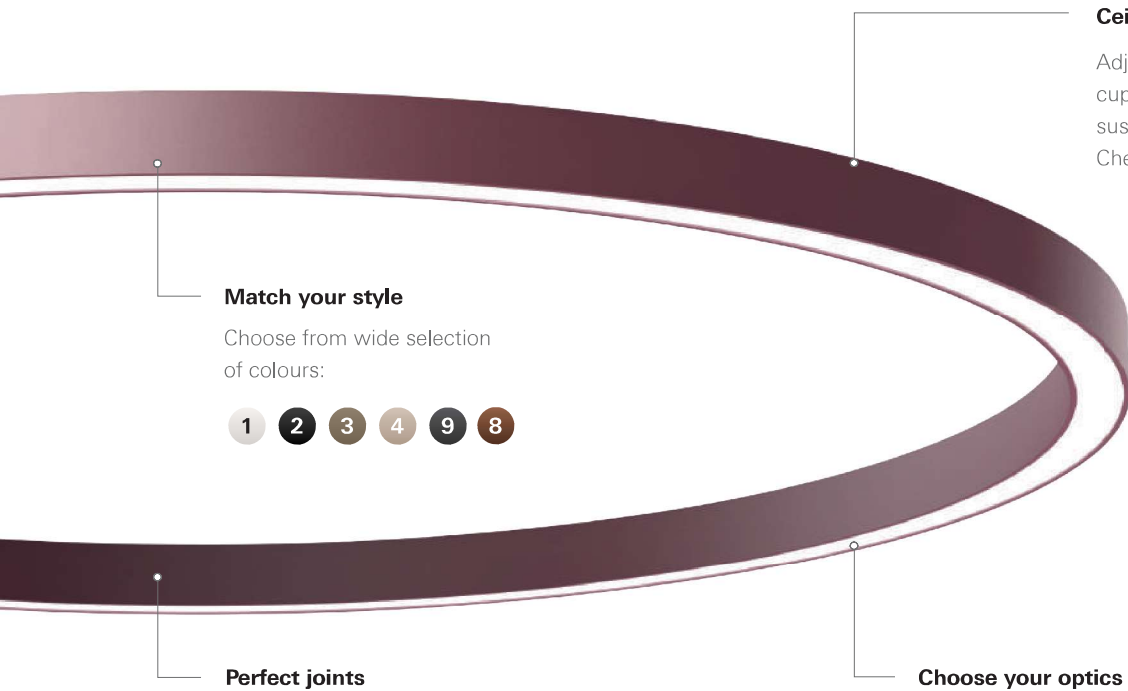
Installation: Ceiling mounted (C), Suspended (S). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50,000h L80 B10. **Optic:** Satin opal PMMA diffuser (SOP), Soft-light prismatic PMMA diffuser (DPR). **Light distribution:** Direct (C/S), Direct / Indirect (SDI). **Body:** Extruded aluminium curved profile, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 20. **Accessories** (order separately): Adjustable wire suspension and ceiling cup with power cable available in various lengths (S version).

Montagewijze: Opbouw (C) , Gependeld (S). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50,000h L80 B10. **Optiek:** Gesatineerde opalen PMMA afscherming (SOP), Soft-light prismatic PMMA-afscherming (DPR). **Lichtverdeling:** Direct (C/S), Direct/Indirect (SDI). **Behuizing:** Geëxtrudeerd aluminium gebogen profiel, gepoedercoat. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali TouchDim dimbaar (DALI-TD). **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 20. **Accessoires** (apart te bestellen): Verstelbare draadoophanging en plafondkap met stroomkabel verkrijgbaar in verschillende lengtes. (S-versie).

Montage: Plafonnier (C), Suspension (S). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤ 3 , 50,000h, L80 B10. **Optique:** Diffuseur en PMMA opal satiné (SOP), Diffuseur PMMA prismatique à lumière douce (DPR). **Eclairage:** Direct (C/S), Direct/ Indirect (SDI). **Corps:** Profil incurvé en aluminium extrudé, enduit de poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD) **Bloc de sécurité:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 20. **Accessoires** (a commander separement): Suspension en fil métallique réglable et la patère avec câble d'alimentation disponible en différentes longueurs. (version S).

Simple is the new smart

Increased efficiency within a glamorous light



Match your style

Choose from wide selection of colours:



Ceiling cup and suspension set

Adjustable wire suspensions and ceiling cup must be ordered separately. Number of suspension depend on luminaire diameter. Check the table on previous pages.



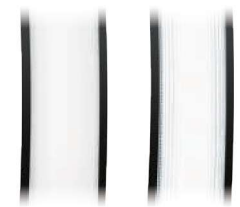
Perfect joints

Separate joints are perfectly coupled, so that no light is emitted



Choose your optics

Satin opal (SOP) for general illumination or soft - light
prismatic optics (DPR) for more controlled light



SOP

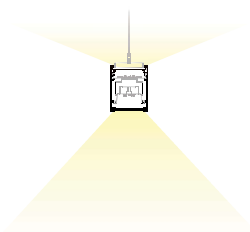
DPR

Indirect light

Enables flexible illumination

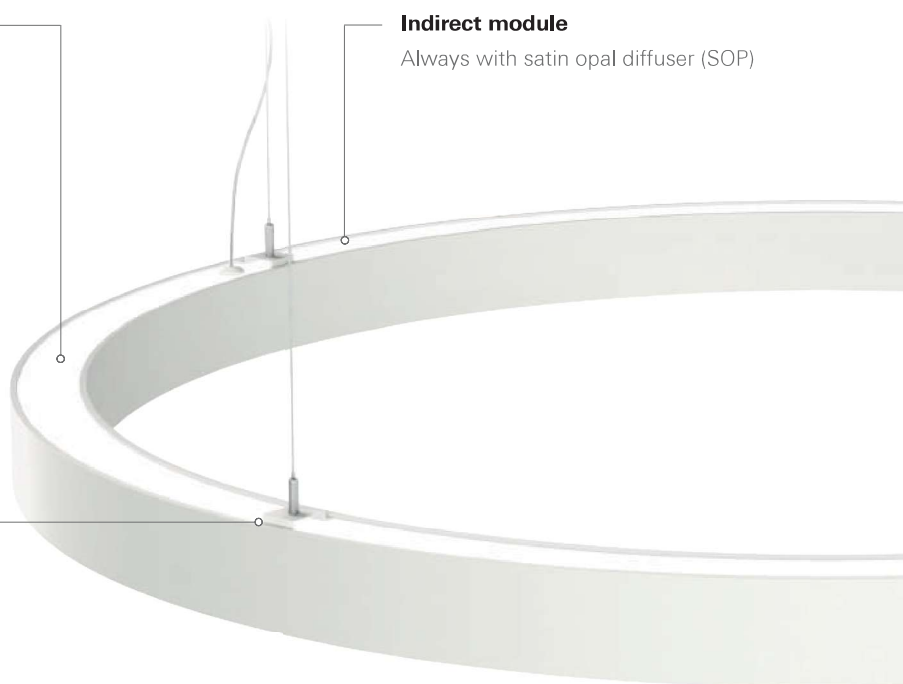
Separate switching

Direct and indirect component can be switched (FO) or dimmed separately (TD version)



Indirect module

Always with satin opal diffuser (SOP)

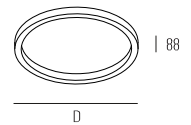


Flexible mounting points

Wave Round C/S



LUMEN OUTPUT		POWER	DRIVER	D (mm)	WEIGHT (kg)	ARTICLE NO		
SOP	DPR					TW	3000K	4000K
Version with standard output								
2350 lm	2800 lm	28W	FO, DALI	615	4,5		12610zx510y	12610zx610y
5300 lm	5700 lm	53W	FO, DALI, EM1h/3h	1050	9,5	12610z1A20y	12610zx520y	12610zx620y
7600 lm	7500 lm	69W	FO, DALI, EM1h/3h	1350	11,9	12610z1A30y	12610zx530y	12610zx630y
8700 lm	8500 lm	79W	FO, DALI, EM1h/3h	1520	13,9	12610z1A40y	12610zx540y	12610zx640y
13100 lm	12800 lm	109W	FO, DALI, EM1h/3h	2250	19,7	12610z1A60y	12610zx560y	12610zx660y
14600 lm	14200 lm	120W	FO, DALI, EM1h/3h	2500	21,8	12610z1A70y	12610zx570y	12610zx670y
17500 lm	17000 lm	158W	FO, DALI, EM1h/3h	3000	26,1	12610z1A80y	12610zx580y	12610zx680y
20400 lm	19900 lm	185W	FO, DALI, EM1h/3h	3500	30,4	12610z1A90y	12610zx590y	12610zx690y
23300 lm	22700 lm	211W	FO, DALI, EM1h/3h	3950	34,2	12610z1AA0y	12610zx5A0y	12610zx6A0y
29100 lm	28400 lm	239W	FO, DALI, EM1h/3h	4900	49,1	12610z1AB0y	12610zx5B0y	12610zx6B0y
34900 lm	34100 lm	316W	FO, DALI, EM1h/3h	6000	51,7	12610z1AC0y	12610zx5C0y	12610zx6C0y
46600 lm	45400 lm	422W	FO, DALI, EM1h/3h	8000	80,6	12610z1AD0y	12610zx5D0y	12610zx6D0y
Version with high output								
4100 lm	4000 lm	44W	FO, DALI	615	4,5		12610zx810y	12610zx910y
8300 lm	8100 lm	76W	FO, DALI, EM1h/3h	1050	9,5	12610z1K20y	12610zx820y	12610zx920y
10900 lm	10700 lm	100W	FO, DALI, EM1h/3h	1350	11,9	12610z1K30y	12610zx830y	12610zx930y
12500 lm	12200 lm	115W	FO, DALI, EM1h/3h	1520	13,9	12610z1K40y	12610zx840y	12610zx940y
18700 lm	18300 lm	156W	FO, DALI, EM1h/3h	2250	19,7	12610z1K60y	12610zx860y	12610zx960y
20800 lm	20300 lm	193W	FO, DALI, EM1h/3h	2500	21,8	12610z1K70y	12610zx870y	12610zx970y
25000 lm	24400 lm	229W	FO, DALI, EM1h/3h	3000	26,1	12610z1K80y	12610zx880y	12610zx980y
29100 lm	28400 lm	268W	FO, DALI, EM1h/3h	3500	30,4	12610z1K90y	12610zx890y	12610zx990y
33300 lm	32500 lm	305W	FO, DALI, EM1h/3h	3950	34,2	12610z1KA0y	12610zx8A0y	12610zx9A0y
41600 lm	40600 lm	387W	FO, DALI, EM1h/3h	4900	49,1	12610z1KB0y	12610zx8B0y	12610zx9B0y
50000 lm	48700 lm	459W	FO, DALI, EM1h/3h	6000	51,7	12610z1KC0y	12610zx8C0y	12610zx9C0y
66600 lm	65000 lm	609W	FO, DALI, EM1h/3h	8000	80,6	12610z1KD0y	12610zx8D0y	12610zx9D0y



 For suspended installation order the suspension set separately.

Select your preferred option

For detailed explanations see technical pages.

Optics	z	Driver & Emergency	x	Body colour	y
SOP - Satin opal	1	FO - fixed output	4	White	1
DPR - Diffused prismatic	2	DALI-TD	1	Black	2
		FO EM 1h	7	Driftwood	3
		FO EM 3h	5	Creme beige	4
		DALI EM 1h	2	Silver aluminium	6
		DALI EM 3h	6	Corten	8
				Antracite	9

Accessories

TYPE	ARTICLE NO
Adjustable wire suspension S10F	1000122sh0y
RH ceiling cup transparent cable with 3x0,75 mm ²	1001131sh9y
RH ceiling cup transparent cable with 5x0,75 mm ²	1001132sh9y

Select your preferred option

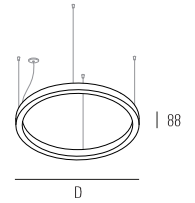
For detailed explanations see technical pages.

Suspension length	sh	Colour	y
1500 mm	15	White	1
3000 mm	30	Black	2
5000 mm	50		

Wave Round SDI



LUMEN OUTPUT	POWER	DRIVER	D (mm)	WEIGHT (kg)	TW	3000K	4000K	ARTICLE NO
SOP								
Version with standard output								
2850+2230 lm	28+22W	FO, DALI	615	4,5		12630zx510y		12630zx610y
5800+4500 lm	53+36W	FO, DALI, EM1h/3h	1050	9,7	12630z1A20y	12630zx520y		12630zx620y
7500+7100 lm	69+57W	FO, DALI, EM1h/3h	1350	12,1	12630z1A30y	12630zx530y		12630zx630y
8700+7400 lm	79+60W	FO, DALI, EM1h/3h	1520	14,1	12630z1A40y	12630zx540y		12630zx640y
13100+10400 lm	109+84W	FO, DALI, EM1h/3h	2250	19,9	12630z1A60y	12630zx560y		12630zx660y
14600+11900 lm	120+96W	FO, DALI, EM1h/3h	2500	22	12630z1A70y	12630zx570y		12630zx670y
17500+14900 lm	158+120W	FO, DALI, EM1h/3h	3000	26,3	12630z1A80y	12630zx580y		12630zx680y
20400+17800 lm	185+158W	FO, DALI, EM1h/3h	3500	30,6	12630z1A90y	12630zx590y		12630zx690y
23300+20800 lm	211+185W	FO, DALI, EM1h/3h	3950	34,4	12630z1AA0y	12630zx5A0y		12630zx6A0y
29100+23800 lm	239+211W	FO, DALI, EM1h/3h	4900	49,3	12630z1AB0y	12630zx5B0y		12630zx6B0y
34900+29700 lm	316+239W	FO, DALI, EM1h/3h	6000	51,9	12630z1AC0y	12630zx5C0y		12630zx6C0y
46600+41600 lm	422+370W	FO, DALI, EM1h/3h	8000	80,8	12630z1AD0y	12630zx5D0y		12630zx6D0y
Version with high output								
4100+3190 lm	44+28W	FO, DALI	615	4,5		12630zx810y		12630zx910y
8300+6400 lm	76+57W	FO, DALI, EM1h/3h	1050	9,7	12630z1K20y	12630zx820y		12630zx920y
10900+10100 lm	100+92W	FO, DALI, EM1h/3h	1350	12,1	12630z1K30y	12630zx830y		12630zx930y
12500+10600 lm	115+97W	FO, DALI, EM1h/3h	1520	14,1	12630z1K40y	12630zx840y		12630zx940y
18700+14900 lm	156+135W	FO, DALI, EM1h/3h	2250	19,9	12630z1K60y	12630zx860y		12630zx960y
20800+17000 lm	193+155W	FO, DALI, EM1h/3h	2500	22	12630z1K70y	12630zx870y		12630zx970y
25000+21200 lm	229+194W	FO, DALI, EM1h/3h	3000	26,3	12630z1K80y	12630zx880y		12630zx980y
29100+25500 lm	268+229W	FO, DALI, EM1h/3h	3500	30,6	12630z1K90y	12630zx890y		12630zx990y
33300+29700 lm	305+268W	FO, DALI, EM1h/3h	3950	34,4	12630z1KA0y	12630zx8A0y		12630zx9A0y
41600+34000 lm	387+305W	FO, DALI, EM1h/3h	4900	49,3	12630z1KB0y	12630zx8B0y		12630zx9B0y
50000+42500 lm	459+387W	FO, DALI, EM1h/3h	6000	51,9	12630z1KC0y	12630zx8C0y		12630zx9C0y
66600+59500 lm	609+536W	FO, DALI, EM1h/3h	8000	80,8	12630z1KD0y	12630zx8D0y		12630zx9D0y



For suspended installation order the suspension set separately.

Select your preferred option

For detailed explanations see technical pages.

Optics	z	Driver & Emergency	x	Body colour	y
SOP - Satin opal	1	FO - fixed output	4	White	1
DPR - Diffused prismatic	2	DALI-TD	1	Black	2
		FO EM 1h	7	Driftwood	3
		FO EM 3h	5	Creme beige	4
		DALI EM 1h	2	Silver aluminium	6
		DALI EM 3h	6	Corten	8
				Antracite	9

Accessories

TYPE	ARTICLE NO
Adjustable wire suspension S10F	1000122sh0y
RH ceiling cup transparent cable with 3x0,75 mm ²	1001131sh9y
RH ceiling cup transparent cable with 5x0,75 mm ²	1001132sh9y

Select your preferred option

For detailed explanations see technical pages.

Suspension length	sh	Colour	y
1500 mm	15	White	1
3000 mm	30	Black	2
5000 mm	50		



Lona

Actual anywhere

Round will never go out of style.

Lona is a simple product, yet it can shape originality by creative use in a space. As it comes in different sizes and mounting possibilities, there are so many ways to combine the Lonas together.

Its ability to blend in and stand out makes it easy to match with any interior. Especially in unlimited spaces, Lona will add a focal point, without losing the feeling of spaciousness.

Tijdloos door ronde vormen.

Lona is een eenvoudig product, maar door creatief gebruik kan een ruimte er toch origineel door uitzien. Deze productfamilie komt in verschillende afmetingen en met diverse montagemogelijkheden zodat u Lona-armaturen altijd naar hartelust kunt combineren.

Doordat Lona zowel opvallend als subtiel gebruikt kan worden, past hij in elk interieur. In onbegrensde vertrekken kan Lona een accent creëren zonder dat hierbij het gevoel van ruimte verloren gaat.

Le rond ne passera jamais de mode.

Lona est un produit simple, qui peut cependant instiller de l'originalité à un espace s'il est utilisé de façon créative. Avec leurs différentes tailles et possibilités de montage, les Lonas peuvent être combinés de mille et une manières.

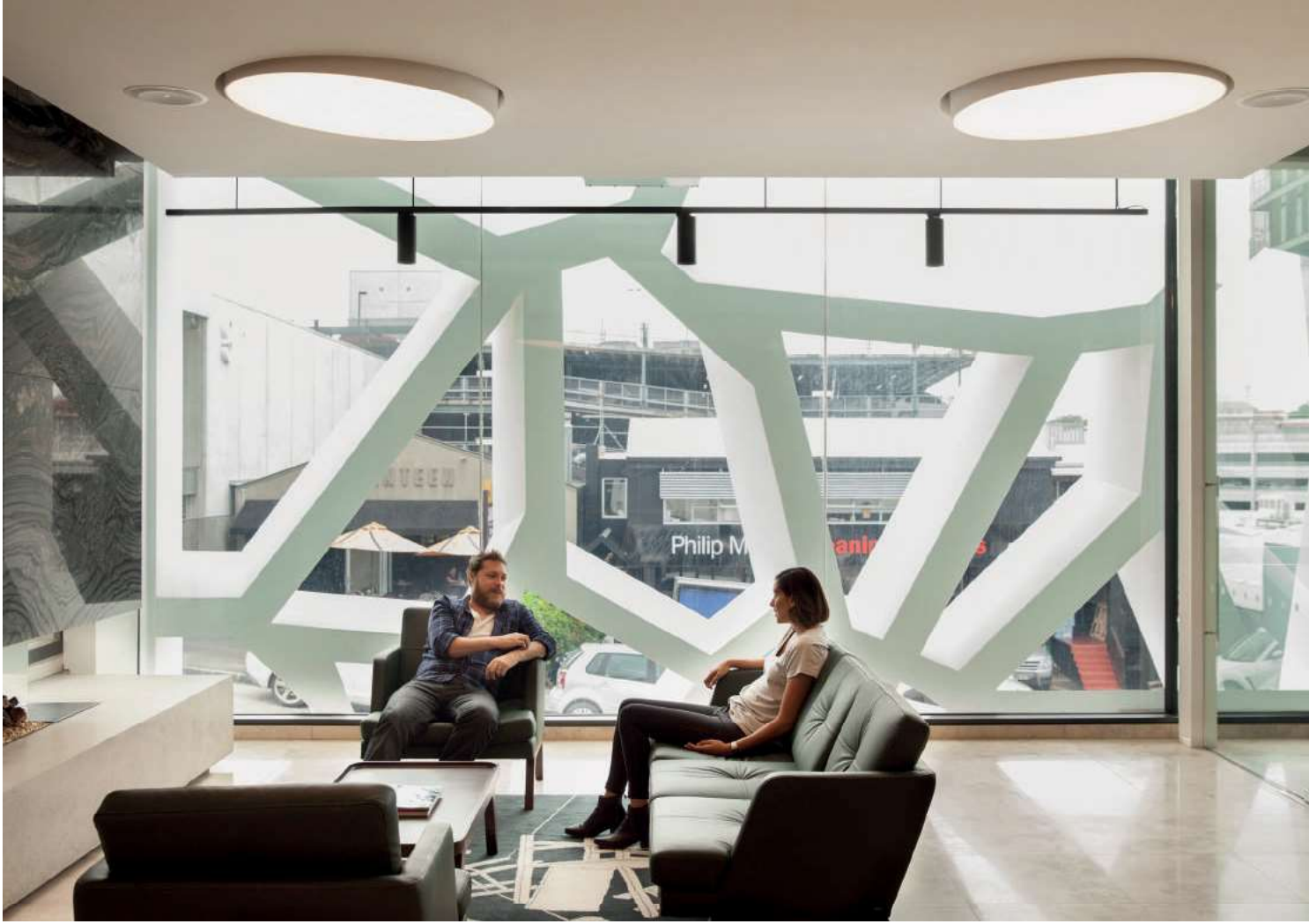
Grâce à son excellente capacité à s'intégrer et à se distinguer, Lona est un luminaire qui correspond facilement avec n'importe quel intérieur. Particulièrement dans les espaces illimités, Lona ajoutera un point de focalisation, sans faire perdre l'impression de grandeur.











^ **Aspect Furniture Systems**, Auckland, New Zealand Architecture: Jasmox
 v **Trust Power**, Tauranga, New Zealand Architecture: Warren and Mahoney





LONA RI

Recessed trim-less



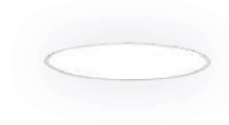
Ø395 mm

LONA RV

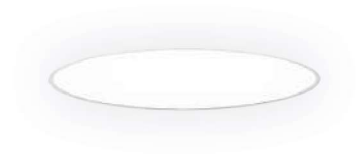
Recessed visible



Ø310 mm



Ø408 mm



Ø638 mm

LONA C/S

Ceiling/Suspended



Ø300mm
h=65/100 mm



Ø400 mm
h=100 mm



Ø600 mm
h=100/120 mm

LONA CDI

Ceiling direct/indirect



Ø300mm
h=100 mm



Ø400 mm
h=100 mm



Ø600 mm
h=100 mm

LONA SDI

Suspended direct/indirect



Ø400 mm
h=100 mm



Ø600 mm
h=100/120 mm

	Model 300	Model 400	Model 600
Diffuser	SOP, DPR	SOP, DPR	SOP, DPR
Light output			
Lighting fixture	1100 - 1800 lm	1650 - 2750 lm	4000 - 4300 lm
Light source	1600 - 2616 lm	2304 - 3782 lm	6000 - 6140 lm
Efficacy			
Lighting fixture	up to 102 lm/W	up to 115 lm/W	up to 102 lm/W
Light source	up to 174 lm/W	up to 184 lm/W	up to 168 lm/W
LED colour	830 / 840	830 / 840	830 / 840 / TW
Driver	FO, DALI-TD	FO, DALI-TD	FO, DALI-TD
Emergency kit	-	EM 1h	EM 1h / 3h



Ø950 mm



Ø900 mm
h=120 mm



Ø1200 mm
h=120 mm



Ø1500 mm
h=120 mm



Ø900 mm
h=120 mm



Ø1200 mm
h=120 mm



Ø1500 mm
h=120 mm

Model

900

DPR

9800 lm
14700 lm

up to 104 lm/W
up to 168 lm/W

830 / 840 / TW

FO, DALI-TD

EM 1h / 3h

Model

1200

SOP

17600 lm
26460 lm

up to 98 lm/W
up to 168 lm/W

830 / 840 / TW

FO, DALI-TD

EM 1h / 3h

Model

1500

SOP

26800 lm
40180 lm

up to 97 lm/W
up to 168 lm/W

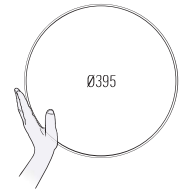
830 / 840 / TW

FO, DALI-TD

EM 1h / 3h

Lona RI

Recessed trim-less



Features

Light output: 1740 - 2380 lm



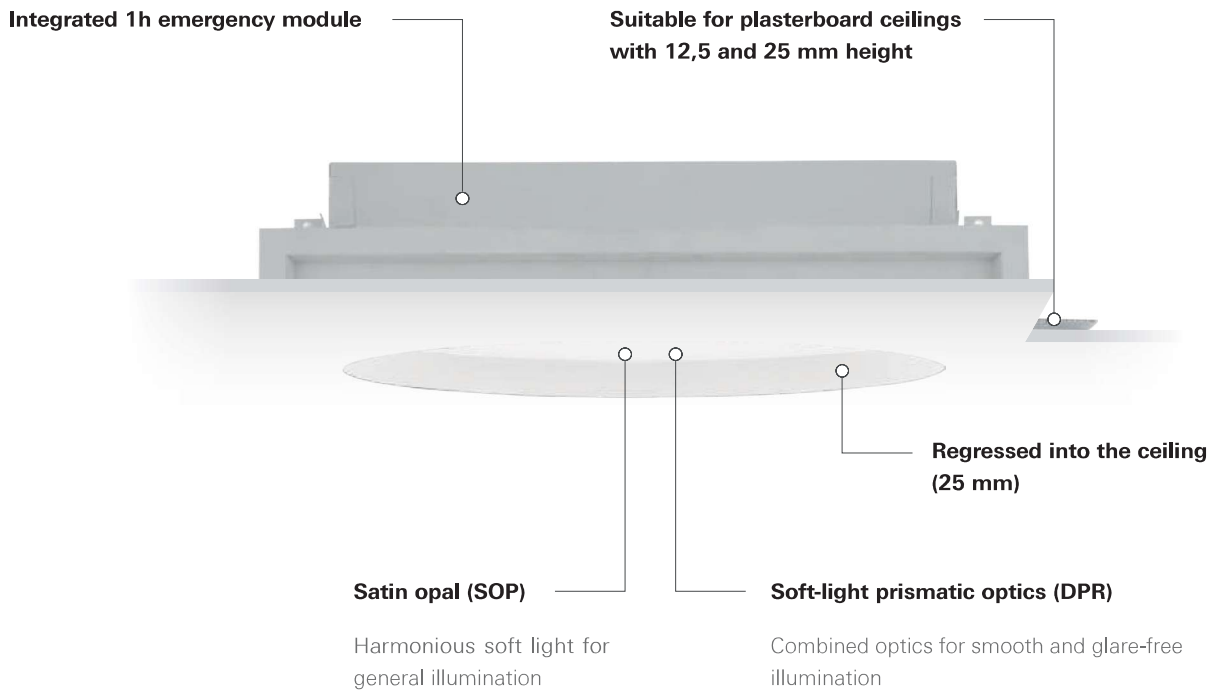
Installation: Recessed trim-less (RI). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50,000h L80 B10. **Optic:** Satin opal polycarbonate diffuser (SOP), Soft-light prismatic PMMA diffuser (DPR). **Body:** Lightweight ceramic moulding. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI). **Emergency:** Emergency kit version with autonomy 1h. **IP protection:** 43.

Montagewijze: Trimless inbouw (RI). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50,000h L80 B10. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP), Soft-light prismatic PMMA-afscherming (DPR). **Behuizing:** Lichtgewicht keramisch gietwerk. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dalí dimbaar (DALI). **Noodverlichting:** Noodunit versie met autonomie 1 uur. **IP:** 43.

Montage: Encastré trim-less (RI). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC > 80, MacAdam ≤ 3 , 50,000h, L80 B10. **Optique:** Diffuseur polycarbonate opal satiné (SOP), Diffuseur PMMA prismatique à lumière douce (DPR). **Corps:** Moulure en céramique légère. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI). **Bloc de securite:** Version kit d'urgence avec autonomie 1h. **Indice IP:** 43.

Blends in perfectly

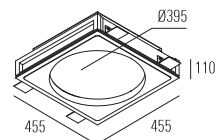
Diffuser is regressed into the ceiling to bring out light in a soft way



Lona RI

460x460x260

LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
SOP - satin opal diffuser				3000K	4000K
1740 lm	18W	FO, DALI, EM 1h	8,0	18275x12101	18275x12201
2380 lm	25W	FO, DALI, EM 1h	8,0	18275x12301	18275x12401
DPR - soft-light prismatic optics					
1790 lm	18W	FO, DALI, EM 1h	8,0	18275x22101	18275x22201
2450 lm	25W	FO, DALI, EM 1h	8,0	18275x22301	18275x22401



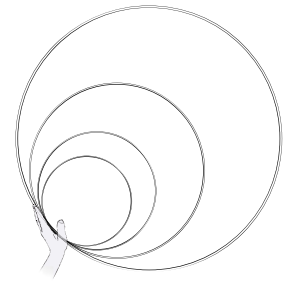
Select your preferred option
For detailed explanations see technical pages.

Driver	x	Emergency	x
FO - fixed output	4	FO EM 1h	7
DALI	1	DALI EM 1h	2

Lona RV

Recessed visible

Ø310
Ø408
Ø638
Ø965



MULTIPLE
SIZES

Features

Light output: 1020 - 9000 lm Colours: 1 2



230V
50Hz



Installation: Recessed ceiling with visible trim (RV). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50,000h L80 B10. **Optic:** Satin opal polycarbonate diffuser (SOP), Soft-light prismatic PMMA diffuser (DPR). **Body:** Steel-sheet, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI). **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 43.

Montagewijze: Inbouw met zichtbare rand (RV). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50,000h L80 B10. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP), Soft-light prismatiche PMMA-afscherming (DPR). **Behuizing:** Gepoedercoat staalplaat. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali dimbaar (DALI). **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 43.

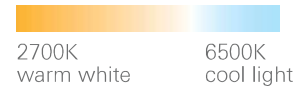
Montage: Encastré Plafond bord visible (RV). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤3, 50,000h, L80 B10. **Optique:** Diffuseur polycarbonate opal satiné (SOP), Diffuseur PMMA prismatique à lumière douce (DPR). **Corps:** Tôle d'acier, revêtement par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI) **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 43.

Discrete when off, uniform when on

High efficiency and visual comfort

Tunable white (TW)

Covers the entire white spectrum from warm to cold tones, that are present in the natural course of daylight (models 600 and 900)



Slim edge

Model 300, 400, 600 = 18,5 mm
Model 900 = 28 mm

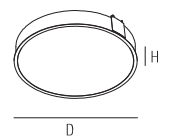
Satin opal (SOP)

Harmonious soft light for general illumination

Soft-light prismatic optics (DPR)

Combined optics for smooth and glare-free (UGR<19) illumination for all sizes 300, 400, 600

Lona RV



LUMEN OUTPUT	POWER	DRIVER	D (mm)	Dco (mm)	H (mm)	Hco (mm)	WEIGHT (kg)	ARTICLE NO		
SOP - satin opal diffuser								TW	3000K	4000K
1100 lm	11W	FO, DALI, EM 1h/3h	310	295	100	155	2,2	18271x1110y	18271x1120y	
1750 lm	19W	FO, DALI, EM 1h/3h	310	295	100	155	2,2	1827111150y	18271x1130y	18271x1140y
1650 lm	15W	FO, DALI, EM 1h/3h	408	395	100	155	3,2		18271x1210y	18271x1220y
2700 lm	25W	FO, DALI, EM 1h/3h	408	395	100	155	3,2	1827111250y	18271x1230y	18271x1240y
4100 lm	42W	FO, DALI, EM 1h/3h	638	614	120	175	10,1	1827111351y	18271x1311y	18271x1321y
9800 lm	99W	FO, DALI, EM 1h/3h	950	926	120	175	18,1	1827111451y	18271x1411y	18271x1421y
DPR - soft-light prismatic optics										
1100 lm	11W	FO, DALI, EM 1h/3h	310	295	100	155	2,2	18271x2110y	18271x2120y	
1800 lm	19W	FO, DALI, EM 1h/3h	310	295	100	155	2,2	1827112150y	18271x2130y	18271x2140y
1650 lm	15W	FO, DALI, EM 1h/3h	408	395	100	155	3,2		18271x2210y	18271x2220y
2750 lm	25W	FO, DALI, EM 1h/3h	408	395	100	155	3,2	1827112250y	18271x2230y	18271x2240y
4300 lm	42W	FO, DALI, EM 1h/3h	638	614	120	175	10,1	1827112351y	18271x2311y	18271x2321y
10200 lm	99W	FO, DALI, EM 1h/3h	950	926	120	175	18,1	1827112451y	18271x2411y	18271x2421y

Select your preferred option

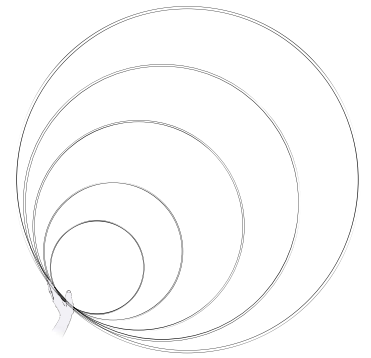
For detailed explanations see technical pages.

Driver	x	Emergency	x	Colour	y
FO - fixed output	4	FO EM 1h	7	White	1
DALI-TD	1	FO EM 3h	5	Black	2
		DALI EM 1h	2		
		DALI EM 3h	6		

Lona C / CDI / S / SDI

Ceiling / ceiling direct-indirect/
Suspended direct / suspended direct-indirect

Ø300
Ø400
Ø600
Ø900
Ø1500



Features

Light output: 2430 - 12300 lm

Colours: **1** **2** **3** **4** **6** **P** **W** **G**



230V
50Hz



Installation: Ceiling mounted (C), Suspended (S). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optic:** Satin opal polycarbonate diffuser (SOP), Soft-light prismatic PMMA diffuser (DPR). **Light distribution:** Direct (C/S), Direct / Indirect (CDI/SDI). **Body:** Aluminium, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI). **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 43, 20 (S version). **Accessories** (order separately): Adjustable wire suspension and ceiling cup with power cable available in various lengths (S version).

Montagewijze: Opbouw (C), Gependeld (S). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP), Soft-light prismatic PMMA-afscherming (DPR). **Lichtverdeling:** Direct (C/S), Direct/Indirect (CDI/SDI). **Behuizing:** Gepoedercoat aluminium. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali dimbaar (DALI). **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 43, 20 (S-versie). **Accessoires** (apart te bestellen): Verstelbare draadoophanging en plafondkap met stroomkabel verkrijgbaar in verschillende lengtes. (S-versie).

Montage: Plafonnier (C), Suspension (S). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤3, 50.000h, L80 B10. **Optique:** Diffuseur polycarbonate opal satiné (SOP), Diffuseur PMMA prismatique à lumière douce (DPR). **Eclairage:** Direct (C/S), Direct/ Indirect (CDI/SDI). **Corps:** Revêtement aluminium à poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI) **Bloc de sécurité:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 43, 20 (version S). **Accessoires** (à commander séparément): Suspension en fil métallique réglable et la patère avec câble d'alimentation disponible en différentes longueurs. (version S).

Pure design, slim edge

High efficiency and visual comfort

Suspension set & power cable

Must be ordered separately.
For suspension length (1,5m 3m or 5m) see accessories.

Ceiling cup

Must be ordered separately.
For type and colour, please, refer to accessories.

Indirect light

Always with satin opal diffuser (SOP), available with the models SDI/CDI.



Frame colour (y)



Tunable white (TW)

Covers the entire white spectrum from warm to cold tones, that are present in the natural course of daylight (models 600, 900, 1200, 1500).



Satin opal (SOP)

Harmonious soft light for general illumination.

Soft-light prismatic optics (DPR)

Combined optics for smooth and glare-free (UGR<19) illumination for models 400-1500.

Pick your colour. Match your style

Select from colours to match any interior



W - Red Wine



P - Mountain Pine




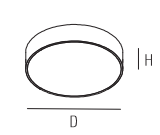
4 - Cream Beige




3 - Driftwood

Lona C


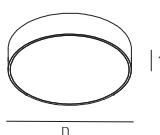
LUMEN OUTPUT	POWER	DRIVER	D (mm)	H (mm)	WEIGHT (kg)	ARTICLE NO	
SOP - satin opal diffuser						3000K	4000K
1650 lm	19W	FO, DALI	300	65	1,3	18272x1139y	18272x1149y
1100 lm	11W	FO, DALI, EM 1h/3h	300	100	2,2	18272x1110y	18272x1120y
1750 lm	19W	FO, DALI, EM 1h/3h	300	100	2,2	18272x1130y	18272x1140y
DPR - soft-light prismatic optics						TW	
1700 lm	19W	FO, DALI	300	65	1,3	18272x2139y	18272x2149y
1100 lm	11W	FO, DALI, EM 1h/3h	300	100	2,2	18272x2110y	18272x2120y
1800 lm	19W	FO, DALI, EM 1h/3h	300	100	2,2	18272x2130y	18272x2140y


 

 This luminaire can be used also as wall mounted luminaire.

Lona C/S H100


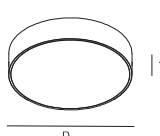
LUMEN OUTPUT	POWER	DRIVER	D (mm)	WEIGHT (kg)	ARTICLE NO		
SOP - satin opal diffuser					TW	3000K	4000K
1650 lm	15W	FO, DALI, EM 1h/3h	400	3,2	18272x1210y	18272x1220y	
2700 lm	25W	FO, DALI, EM 1h/3h	400	3,2	1827211250y	18272x1230y	18272x1240y
4000 lm	42W	FO, DALI, EM 1h/3h	600	7,0	1827211350y	18272x1310y	18272x1320y
DPR - soft-light prismatic optics							
1650 lm	15W	FO, DALI, EM 1h/3h	400	3,2	18272x2210y	18272x2220y	
2750 lm	25W	FO, DALI, EM 1h/3h	400	3,2	1827212250y	18272x2230y	18272x2240y
4200 lm	42W	FO, DALI, EM 1h/3h	600	7,0	1827212352y	18272x2312y	18272x2322y


 

 For suspended version order one adjustable Y wire suspension S12Y3 set separately. See accessories section.

Lona C/S H120


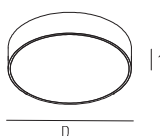
LUMEN OUTPUT	POWER	DRIVER	D (mm)	WEIGHT (kg)	ARTICLE NO		
SOP - satin opal diffuser					TW	3000K	4000K
4100 lm	42W	FO, DALI, EM 1h/3h	600	7,5	1827211350y	18272x1310y	18272x1320y
9800 lm	99W	FO, DALI, EM 1h/3h	900	15,4	1827211450y	18272x1410y	18272x1420y
17600 lm	180W	FO, DALI, EM 1h/3h	1200	30,0	1827211550y	18272x1510y	18272x1520y
26700 lm	276W	FO, DALI, EM 1h/3h	1500	45,0	1827211650y	18272x1610y	18272x1620y
DPR - soft-light prismatic optics							
4300 lm	42W	FO, DALI, EM 1h/3h	600	7,5	1827212350y	18272x2310y	18272x2320y
10200 lm	99W	FO, DALI, EM 1h/3h	900	15,4	1827212450y	18272x2410y	18272x2420y

 For suspended version order adjustable wire suspension S10F set separately. Quantity of suspension wires depend on fixture size. See accessories section.

Lona CDI

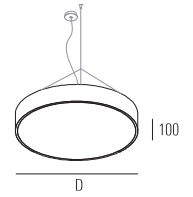
LUMEN OUTPUT	POWER	DRIVER	D (mm)	WEIGHT (kg)	ARTICLE NO		
SOP - satin opal diffuser					TW	3000K	4000K
1100 lm + 720lm	11W + 7W	FO, DALI, EM 1h/3h	300	2,2	18276x1110y	18276x1120y	
1750 lm + 720lm	19W + 7W	FO, DALI, EM 1h/3h	300	2,2	18276x1130y	18276x1140y	
1650 lm + 870lm	15W + 8W	FO, DALI, EM 1h/3h	400	3,2	18276x1210y	18276x1220y	
2700 lm + 870lm	25W + 8W	FO, DALI, EM 1h/3h	400	3,2	1827611250y	18276x1230y	18276x1240y
4000 lm + 1200lm	42W + 11W	FO, DALI, EM 1h/3h	600	7,5	1827611352y	18276x1312y	18276x1322y
DPR - soft-light prismatic optics							
1100 lm + 720lm	11W + 7W	FO, DALI, EM 1h/3h	300	2,2	18276x2110y	18276x2120y	
1800 lm + 720lm	19W + 7W	FO, DALI, EM 1h/3h	300	2,2	18276x2130y	18276x2140y	
1650 lm + 870lm	15W + 8W	FO, DALI, EM 1h/3h	400	3,2	18276x2210y	18276x2220y	
2750 lm + 870lm	25W + 8W	FO, DALI, EM 1h/3h	400	3,2	1827612250y	18276x2230y	18276x2240y
4300 lm + 1200lm	42W + 11W	FO, DALI, EM 1h/3h	600	7,5	1827612352y	18276x2312y	18276x2322y

Lona SDI H100



LUMEN OUTPUT	POWER	DRIVER	D (mm)	WEIGHT (kg)	ARTICLE NO		
SOP - satin opal diffuser					TW	3000K	4000K
1650 lm + 750lm	14W + 8W	FO, DALI, EM 1h/3h	400	2,2	1824x1210y	1824x1220y	
2700 lm + 990lm	25W + 11W	FO, DALI, EM 1h/3h	400	2,2	182411250y	1824x1230y	1824x1240y
4000 lm + 1100lm	42W + 11W	FO, DALI, EM 1h/3h	600	7,5	182411352y	1824x1312y	1824x1322y
DPR - soft-light prismatic optics							
1650 lm + 750lm	14W + 8W	FO, DALI, EM 1h/3h	400	2,2	1824x2210y	1824x2220y	
2750 lm + 990lm	25W + 11W	FO, DALI, EM 1h/3h	400	2,2	182412250y	1824x2230y	1824x2240y
4300 lm + 1100lm	42W + 11W	FO, DALI, EM 1h/3h	600	7,5	182412352y	1824x2312y	1824x2322y

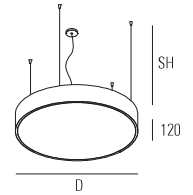


⚠ For suspended version order one adjustable Y wire suspension S12Y3 set separately. See accessories section.

Lona SDI H120



LUMEN OUTPUT	POWER	DRIVER	D (mm)	WEIGHT (kg)	ARTICLE NO		
SOP - satin opal diffuser					TW	3000K	4000K
4100 lm + 1100lm	42W + 11W	FO, DALI, EM 1h/3h	600	8,0	182411350y	1824x1310y	1824x1320y
9800 lm + 4300lm	99W + 38W	FO, DALI, EM 1h/3h	900	15,4	182411450y	1824x1410y	1824x1420y
17600 lm + 3200lm	180W + 30W	FO, DALI, EM 1h/3h	1200	32,0	182411550y	1824x1510y	1824x1520y
26700 lm + 5400lm	276W + 47W	FO, DALI, EM 1h/3h	1500	47,0	182411650y	1824x1610y	1824x1620y
DPR - soft-light prismatic optics							
10200 lm + 4300lm	99W + 38W	FO, DALI, EM 1h/3h	900	15,4	182412450y	1824x2410y	1824x2420y



⚠ For suspended version order adjustable wire suspension S10F set separately. Quantity of suspension wires depend on fixture size. See accessories section.

Select your preferred option

For detailed explanations see technical pages.

Driver	x	Emergency	x	Colour	y
FO - fixed output	1	FO EM 1h	7	White	1
DALI - TD	2	DALI EM 1h	2	Black	2
				Driftwood	3
				Cream beige	4
				Silver aluminium	6
				Mountain pine	P
				Red wine	W
				Mustard green	G

Accessories

TYPE	ARTICLE NO
Adjustable wire suspension S10F	1000122sh0y
Adjustable Y wire suspension S12Y3	1000123sh0y
RH ceiling cup transparent cable with 3x0,75 mm ²	1001131sh9y
RH ceiling cup transparent cable with 5x0,75 mm ²	1001132sh9y

Select your preferred option

For detailed explanations see technical pages.

Suspension set quantity

Check required quantity of suspension wire set according to fixture type.

Suspension length (SH) sh	Colour	y	Diameter	S/SDI (h=100 mm)	S/SDI (h=120 mm)
1500 mm	White	1	Ø400 mm	1x S12Y3	
3000 mm	Black	2	Ø600 mm	1x S12Y3	3x S10F
5000 mm			Ø900 mm		4x S10F
			Ø1200 mm		4x S10F
			Ø1500 mm		6x S10F



Karo

Simply square

There are places, where a square shape just fits in.

The basic geometric shape is representing the pure and the rational. The expected choice would be to link the same forms together, but sometimes, beauty comes from doing the opposite so as to surprise.

An interesting space needs both, structure and softness. The Karo's basic form adds some order into the entirety of space.

Soms vraagt een ruimte om vierkant.

De geometrische basisvorm vertegenwoordigt het pure en rationele. De verwachte keuze veronderstelt een aaneenschakeling van dezelfde vormen, maar soms, ontstaat schoonheid door onverwacht net het tegenovergestelde te doen.

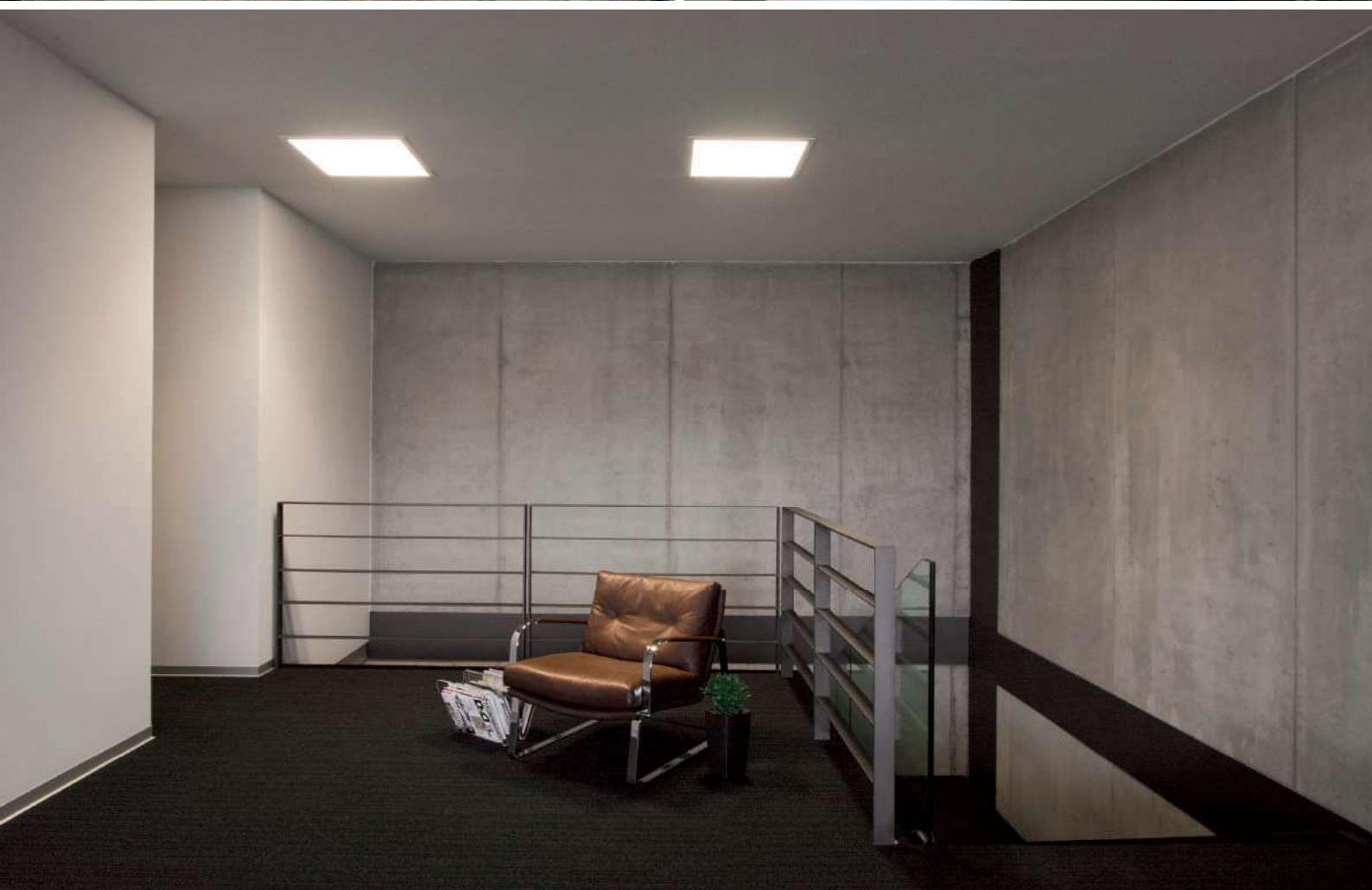
Om een ruimte interessant te maken is er zowel structuur als zachtheid nodig. De basisvorm van Karo voegt een zekere orde toe aan de ruimte in zijn geheel.

Dans certains endroits, la forme carrée s'intègre à merveille.

Cette forme géométrique basique symbolise la pureté et la rationalité. Le choix attendu serait d'associer des formes identiques entre elles, mais il arrive parfois que la beauté émane, au contraire, d'un effet de surprise.

Un espace intéressant nécessite à la fois de la structure et de la douceur. La forme basique de Karo ajoute de l'ordre dans tout l'espace.





KARO RV

Recessed visible



310 mm



408 mm

KARO C

Ceiling



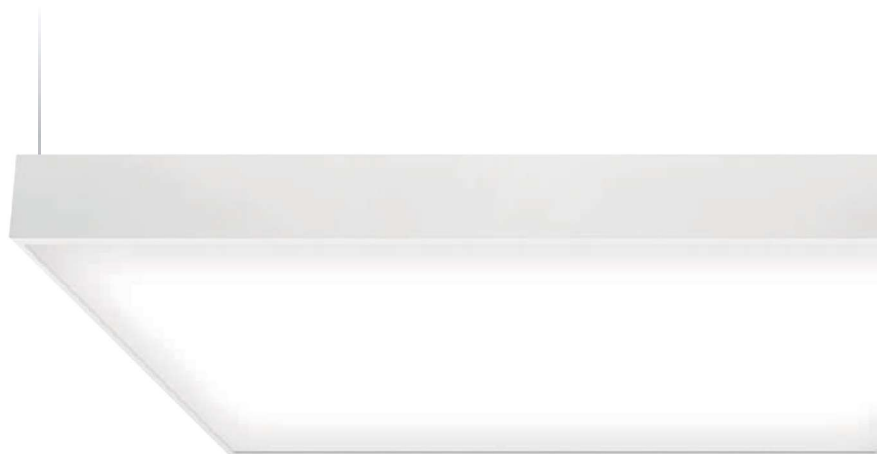
300 mm



400 mm

KARO S

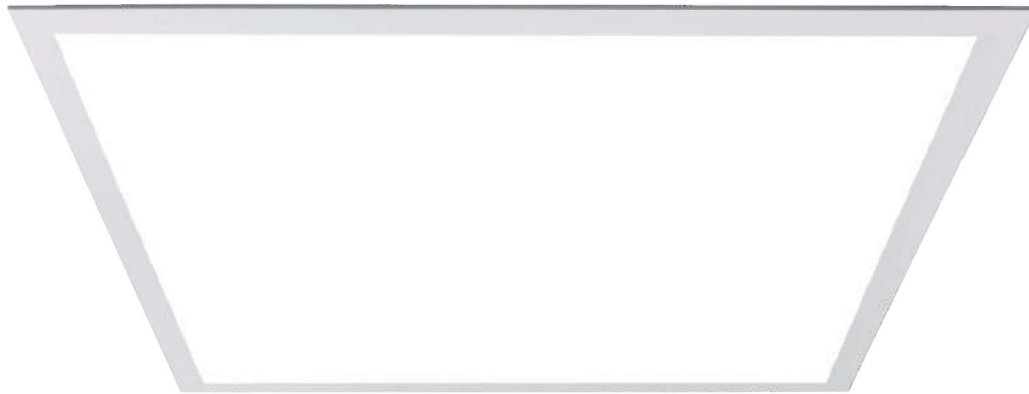
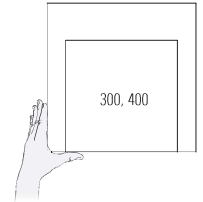
Suspended



	Model 300	Model 400	Model 1200
Diffuser	SOP, DPR	SOP, DPR	SOP
Light output			
Lighting fixture	1100 - 1800 lm	1650 - 2750 lm	17600 lm
Light source	1600 - 2616 lm	2304 - 3782 lm	26460 lm
Efficacy			
Lighting fixture	up to 102 lm/W	up to 115 lm/W	up to 98 lm/W
Light source	up to 174 lm/W	up to 184 lm/W	up to 168 lm/W
LED colour	830 / 840	830 / 840	830 / 840 / Tunable white
Driver	FO, DALI	FO, DALI-TD	FO, DALI-TD
IP Protection	IP43	IP43	IP40
Emergency kit	-	EM 1h/3h	EM 1h/3h

Karo RV




Recessed visible



Features

Light output: 1100 - 2750 lm Colours: **1** **2**



230V
50Hz   

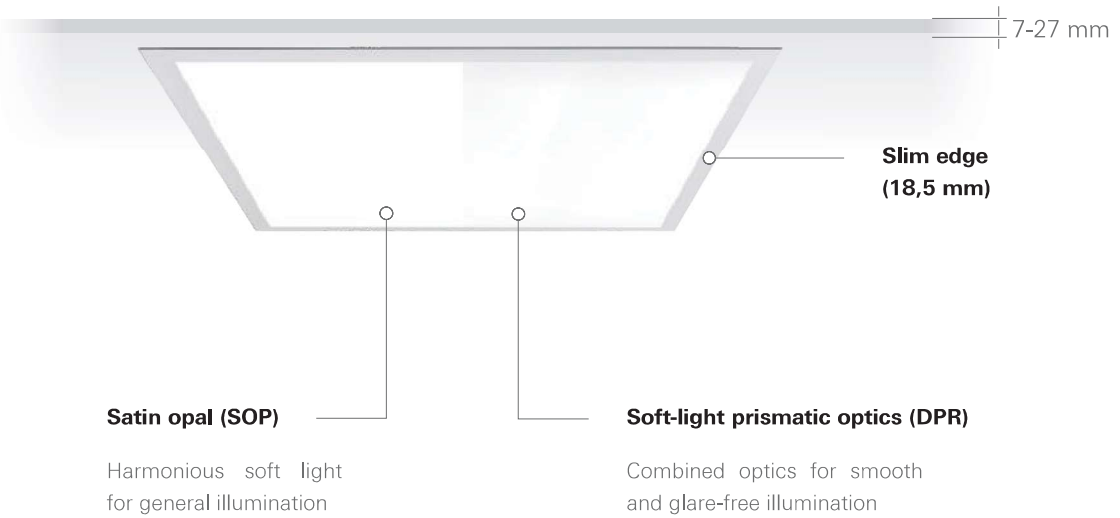
Installation: Recessed ceiling with visible trim (RV). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50,000h L80 B10. **Optic:** Satin opal polycarbonate diffuser (SOP), Soft-light prismatic PMMA diffuser (DPR). **Body:** Steel-sheet, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI). **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 43.

Montagewijze: Inbouw met zichtbare rand (RV). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50,000h L80 B10. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP), Soft-light prismatic PMMA-afscherming (DPR). **Behuizing:** Gepoedercoat staalplaat. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali dimbaar (DALI). **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 43.

Montage: Encastré Plafond bord visible (RV). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤ 3 , 50,000h, L80 B10. **Optique:** Diffuseur polycarbonate opal satiné (SOP), Diffuseur PMMA prismatique à lumière douce (DPR). **Corps:** Tôle d'acier, revêtement par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI) **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 43.

Discrete when off, uniform when on

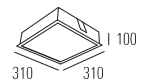
High efficiency and visual comfort



Karo RV 300



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
SOP - satin opal diffuser				3000K	4000K
1100 lm	11W	FO, DALI	2,4	18281x11101	18281x11201
1750 lm	19W	FO, DALI	2,4	18281x11301	18281x11401
DPR - Soft-light prismatic optics					
1100 lm	11W	FO, DALI	2,4	18281x21101	18281x21201
1800 lm	19W	FO, DALI	2,4	18281x21301	18281x21401

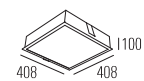


i On request, available also with TW LED modules.

Karo RV 400



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
SOP - satin opal diffuser				3000K	4000K
1650 lm	15W	FO, DALI, EM 1h	3,0	18281x1210y	18281x1220y
2700 lm	25W	FO, DALI, EM 1h	3,0	18281x1230y	18281x1240y
DPR - Soft-light prismatic optics					
1650 lm	15W	FO, DALI, EM 1h	3,0	18281x2210y	18281x2220y
2750 lm	25W	FO, DALI, EM 1h	3,0	18281x2230y	18281x2240y



i On request, available also with TW LED modules.

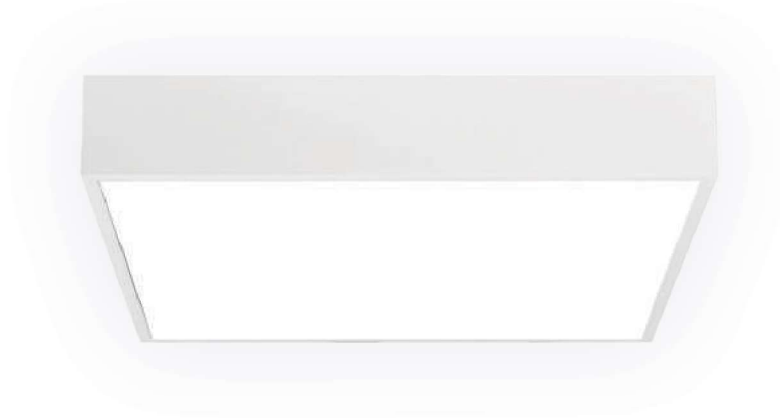
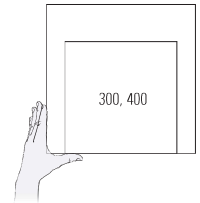
Select your preferred option

For detailed explanations see technical pages.

Driver	x	Emergency	x	Colour	y
FO - fixed output	4	FO EM 1h	7	White	1
DALI-TD	1	DALI EM 1h	2	Black	2
		FO EM 3h	5		
		DALI EM 3h	6		

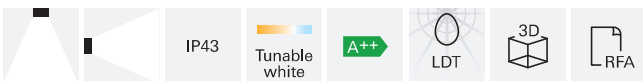
Karo C




Ceiling



Features

Light output: 1100 - 2750 lm Colours: **1** **2**



230V
50Hz   

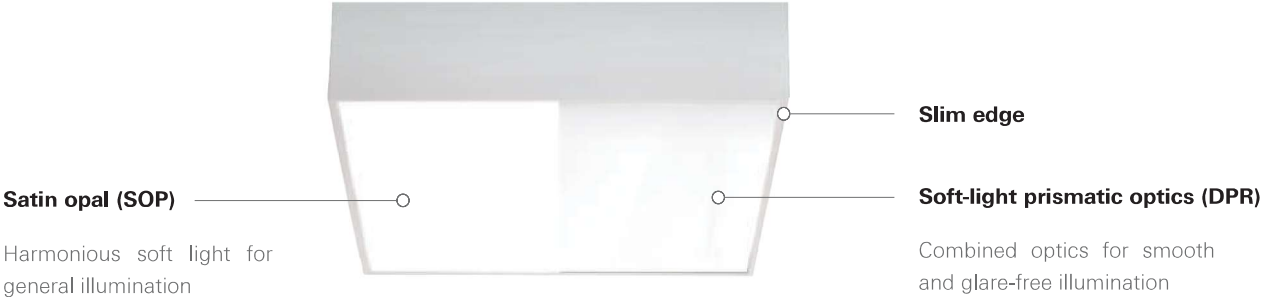
Installation: Ceiling mounted (C). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optic:** Satin opal polycarbonate diffuser (SOP), Soft-light prismatic PMMA diffuser (DPR). **Body:** Aluminium, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI). **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 43.

Montagewijze: Opbouw (C). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP), Soft-light prismatic PMMA-afscherming (DPR). **Behuizing:** Gepoedercoat aluminium. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali dimbaar (DALI). **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 43.

Montage: Plafonnier (C). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤3, 50.000h, L80 B10. **Optique:** Diffuseur polycarbonate opal satiné (SOP), Diffuseur PMMA prismatique à lumière douce (DPR). **Corps:** Revêtement aluminium à poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI) **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 43.

Pure design, slim edge

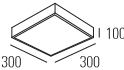
High efficiency and visual comfort



Karo C 300



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
SOP - satin opal diffuser				3000K	4000K
1100 lm	11W	FO, DALI	2,4	18282x11101	18282x11201
1750 lm	19W	FO, DALI	2,4	18282x11301	18282x11401
DPR - soft-light prismatic optics					
1100 lm	11W	FO, DALI	2,4	18282x21101	18282x21201
1800 lm	19W	FO, DALI	2,4	18282x21301	18282x21401

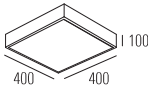


i This luminaire can also be wall mounted (IP40).

Karo C 400



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
SOP - satin opal diffuser				3000K	4000K
1650 lm	15W	FO, DALI, EM 1h/3h	3,0	18282x1210y	18282x1220y
2700 lm	25W	FO, DALI, EM 1h/3h	3,0	18282x1230y	18282x1240y
DPR - soft-light prismatic optics					
1650 lm	15W	FO, DALI, EM 1h/3h	3,0	18282x2210y	18282x2220y
2750 lm	25W	FO, DALI, EM 1h/3h	3,0	18282x2230y	18282x2240y



i This luminaire can also be wall mounted (IP40).

i On request, available also with TW LED modules.

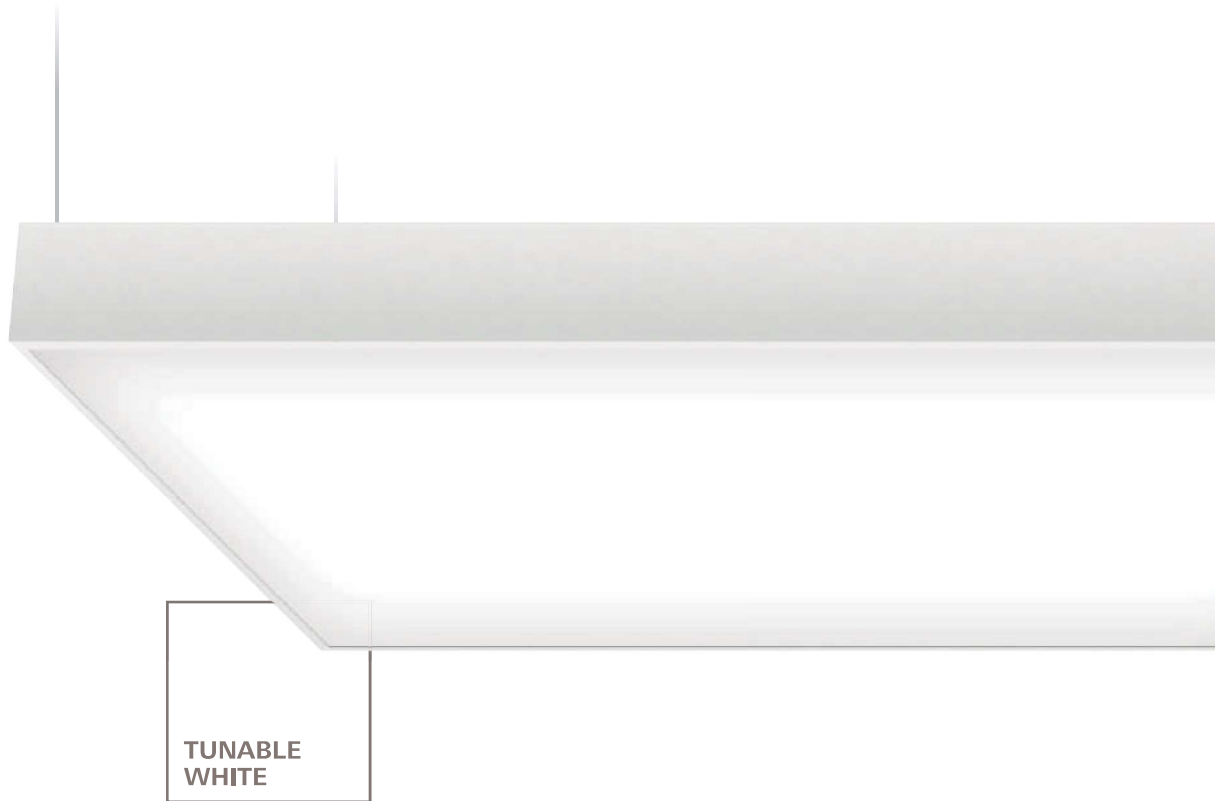
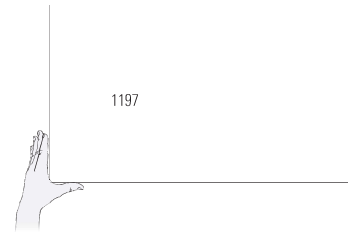
Select your preferred option

For detailed explanations see technical pages.

Driver	x	Emergency	x	Colour	y
FO - fixed output	4	FO EM 1h	7	White	1
DALI	1	DALI EM 1h	2	Black	2
		FO EM 3h	5		
		DALI EM 3h	6		

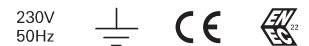
Karo S

Suspended



Features

Light output: 17600 Colours: **1** **2**



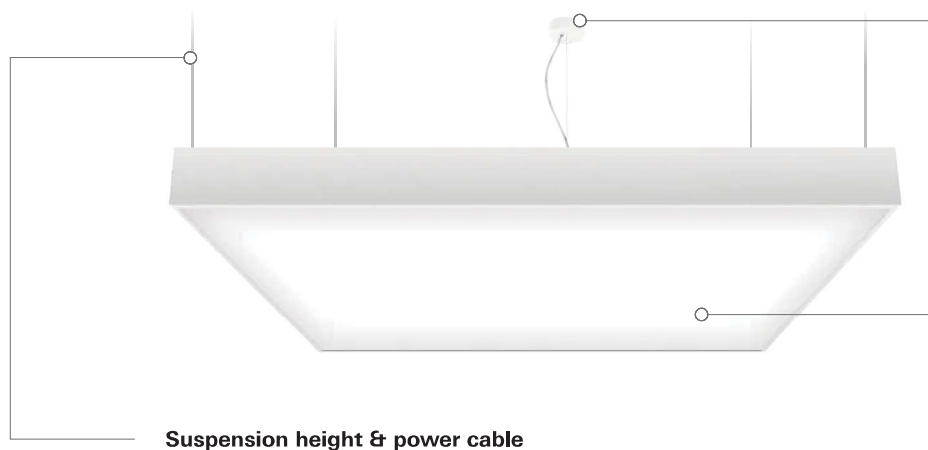
Installation: Suspended (S). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optic:** Satin opal PMMA diffuser (SOP). **Body:** Aluminium, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI). **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 20. **Complete with:** Adjustable cord suspension and pre-fitted 1,5 m long power cable. 3 m and 5 m suspension available on request.

Montagewijze: Gependeld (S). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optiek:** Gesatineerde opalen PMMA afscherming (SOP). **Behuizing:** Gepoedercoat aluminium. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali dimbaar (DALI). **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 20. **Voorzien van:** Verstelbare kabelophanging en voorgemonteerde 1,5 m lange stroomkabel. Ophanging van 3 m en 5 m verkrijgbaar op aanvraag.

Montage: Suspension (S). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤3, 50.000h, L80 B10. **Optique:** Diffuseur en PMMA opal satiné (SOP). **Corps:** Revêtement aluminium à poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI) **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 20. **Livre avec:** Suspension réglable et câble d'alimentation pré-équipé de 1,5 m de long. Suspension de 3 m et 5 m disponible sur demande.

Pure design, slim edge

High efficiency and visual comfort



Ceiling cup

Comes in the same colour finish as the luminaire. For ceiling cups in black or white colour refer to options on request

Satin opal (SOP)

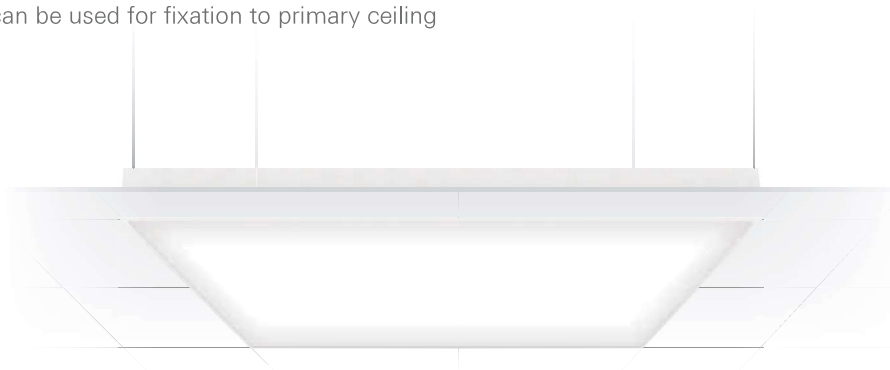
Harmonious soft light for general illumination

Suspension height & power cable

Supplied with 1,5 m adjustable wire suspension and transparent power cable. For different suspension length (3 m, 5 m) or colour power cables refer to options on request

Recessed installation

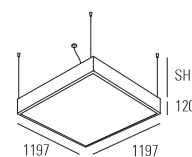
This fixture with a dimension 1197x1197 mm can also be installed in panel ceilings. Same suspension set can be used for fixation to primary ceiling



Karo S 1200



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
SOP - satin opal diffuser				3000K	4000K
17600 lm	180W	FO, DALI, EM 1h/3h	15,0	18283x1510y	18283x1520y
				Tunable white 2700-6500K	
17600 lm	180W	DALI	15,0	18283x1550y	



Select your preferred option

For detailed explanations see technical pages.

Driver	x	Emergency	x	Colour	y
FO - fixed output	1	FO EM 1h	7	White	1
DALI - TD	2	DALI EM 1h	2	Black	2
		FO EM 3h	5		
		DALI EM 3h	6		

Options on request	Add to article no
Suspension length (SH)	3m (A1), 5m (A2)
Ceiling cup colour	White (C1), Black (C2)



Pipes tube

Pure impact

Every space should have something intriguing and thus precious.

Pipes Tube is meant to enhance the space. As a strong decorative element, it draws attention. Still, its form is simple enough to blend in with the surroundings.

A variety of sizes and colours allow you to be creative in compositions and to add a personal touch to every space.

Elke ruimte verdient een intrigerend en waardevol detail.

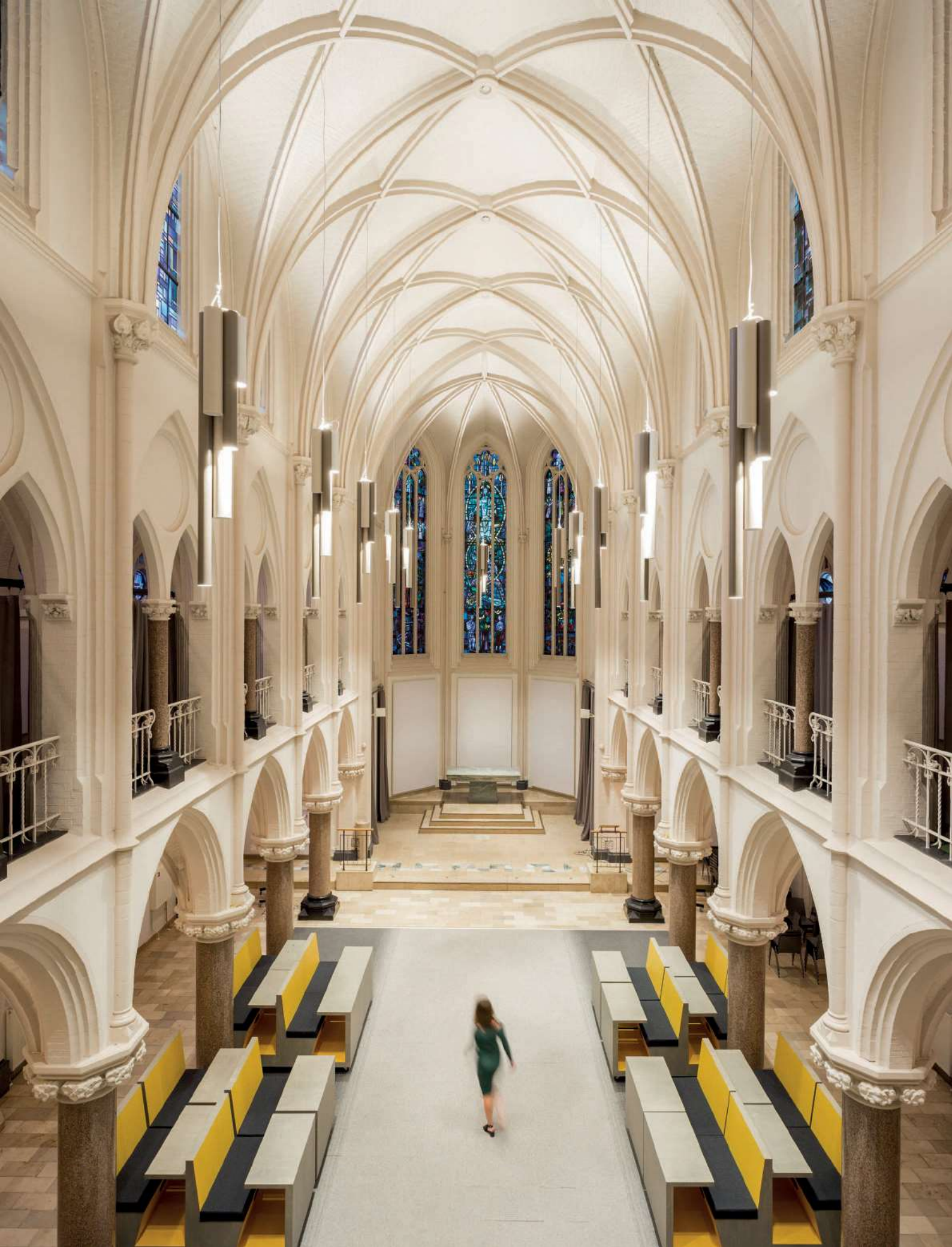
Pipes Tube is ontworpen om een ruimte aan te kleden. Als sterk decoratief element trekt het de aandacht. Toch is de vorm eenvoudig genoeg om te harmoniëren met de omgeving.

Door de verscheidenheid aan afmetingen en kleuren kunt u uw creativiteit uitleven in verschillende samenstellingen en zo aan elke ruimte een persoonlijke touch geven.

Chaque espace devrait avoir quelque chose d'intrigant et donc de précieux.

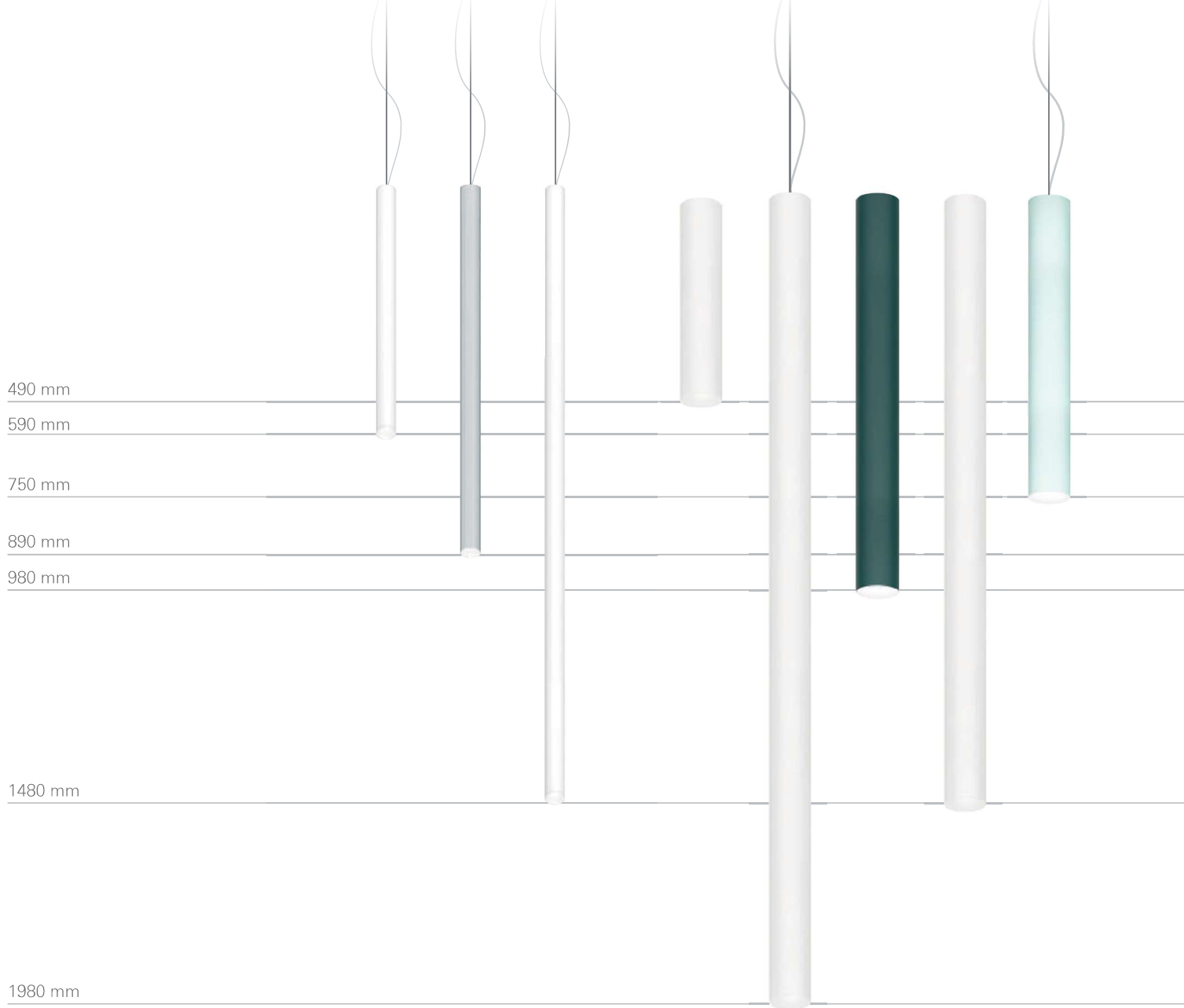
Pipes Tube est conçu pour mettre en valeur l'espace. Élément décoratif de fort caractère, il attire l'attention. Sa forme reste toutefois suffisamment simple pour qu'il s'intègre parfaitement à son cadre.

La grande variété de dimensions et de couleurs vous permet de créer diverses compositions et d'ajouter une touche personnelle à tous les espaces.









PIPES TUBE

SINGLE S 45

Suspended

SINGLE C/S 100

Ceiling / Suspended

Diameter

Ø45

Ø100

Light output

Lighting fixture

450 - 750 lm

1520 - 2700 lm

Light source

580 - 940 lm

2170 - 3800 lm

Efficacy

Lighting fixture

96 lm/W

100 lm/W

Light source

158 lm/W

161 lm/W

LED colour *

830 / 840

830 / 840

Beam angle

38° / 60°

28° / 36°

Driver

FO, DALI

FO, DALI

* Other LED colours on request.



CLUSTER S

Ceiling / Suspended

Ø100 / Ø133

1520 - 2700 lm
2170 - 3800 lm

100 lm/W
161 lm/W

830 / 840

28° / 36°

FO, DALI

CLUSTER L

Ceiling / Suspended

Ø100 / Ø133

3500 - 6000 lm
4700 - 7300 lm

128 lm/W
173 lm/W

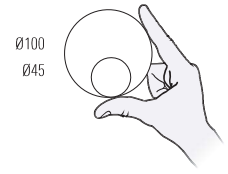
830 / 840

28° / 36°

FO, DALI

Pipes tube C / S

Ceiling and suspended



Features

Light output: 750 - 2700 lm

Colours: **1** **2** **3** **4** **6** **7** **8** **P** **M** **W** **R** **G** **S**



230V
50Hz



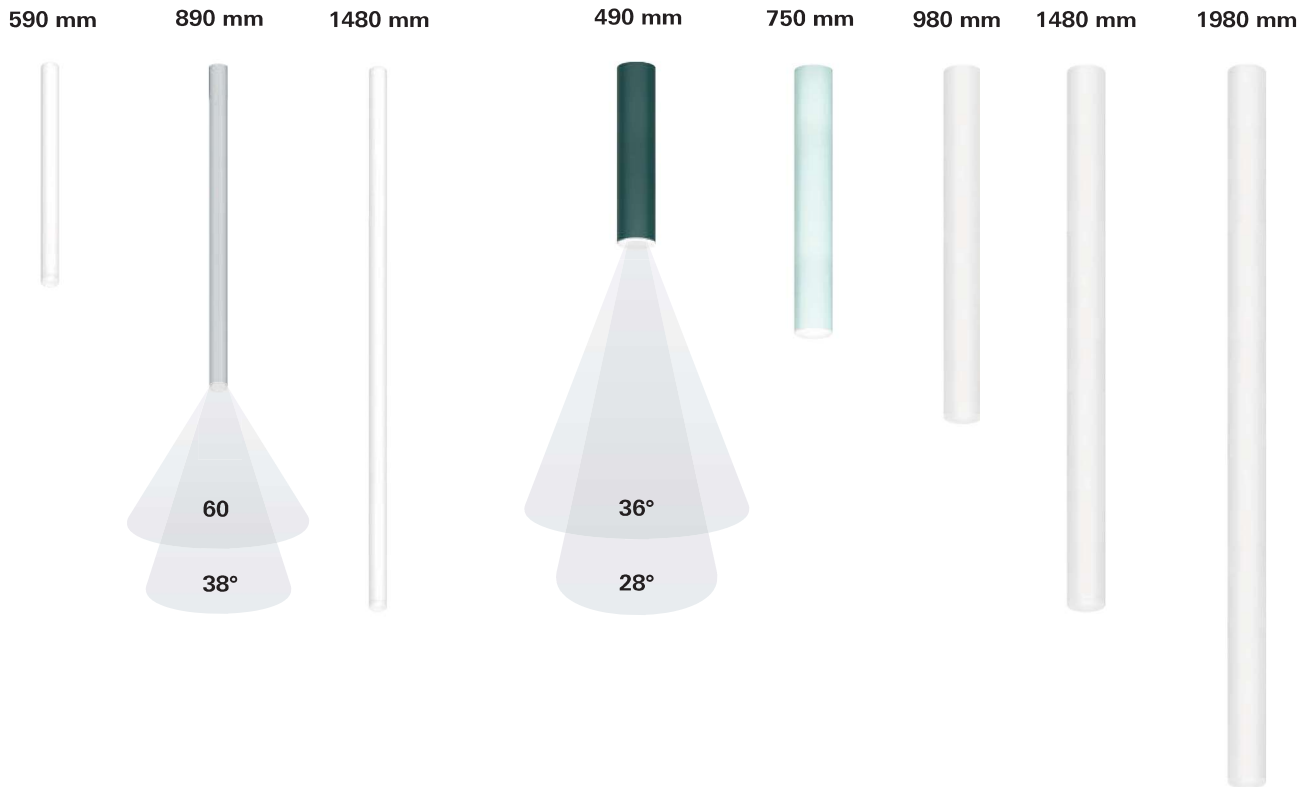
Installation: Ceiling mounted (C), Suspended (S). **Light source:** High-power COB LED, CRI 85/95, MacAdam ≤ 3 , 50.000h L80 B10. **Cooling system:** Passive cooling heat sink made from die-cast aluminium. **Optic:** Highly efficient with uniform distribution, metallized polycarbonate with lacquer finish. **Body:** Aluminium, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI). **IP protection:** 20. **Complete with:** Adjustable cord suspension and pre-fitted 1,5 m long power cable. 3 m and 5 m suspension available on request.

Montagewijze: Opbouw (C), Gependeld (S). **Lichtbron:** High-power COB LED module, CRI 85/95, MacAdam ≤ 3 , 50.000h L80 B10. **Koelsysteem:** Die-cast aluminium heatsink met passieve koeling. **Optiek:** Zeer efficiënt gemetalliseerd polycarbonaat met lakafwerking. **Behuizing:** Gepoedercoat aluminium. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali dimbaar (DALI). **IP:** 20. **Voorzien van:** Verstelbare kabelophanging en voorgemonteerde 1,5 m lange stroomkabel. Ophanging van 3 m en 5 m verkrijgbaar op aanvraag.

Montage: Plafonnier (C), Suspension (S). **Source de luminaire:** Module COB LED haute puissance, IRC > 85/95, MacAdam ≤ 3 , 50.000h, L80 B10. **Dispositif de refroidissement:** Refroidissement passif avec diffuseur de chaleur en fonte d'aluminium. **Optique:** Haute efficacité avec une distribution uniforme, polycarbonate métallisé avec finition laquée. **Corps:** Revêtement aluminium à poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI) **Indice IP:** 20. **Livre avec:** Suspension réglable et câble d'alimentation pré-équipé de 1,5 m de long. Suspension de 3 m et 5 m disponible sur demande.

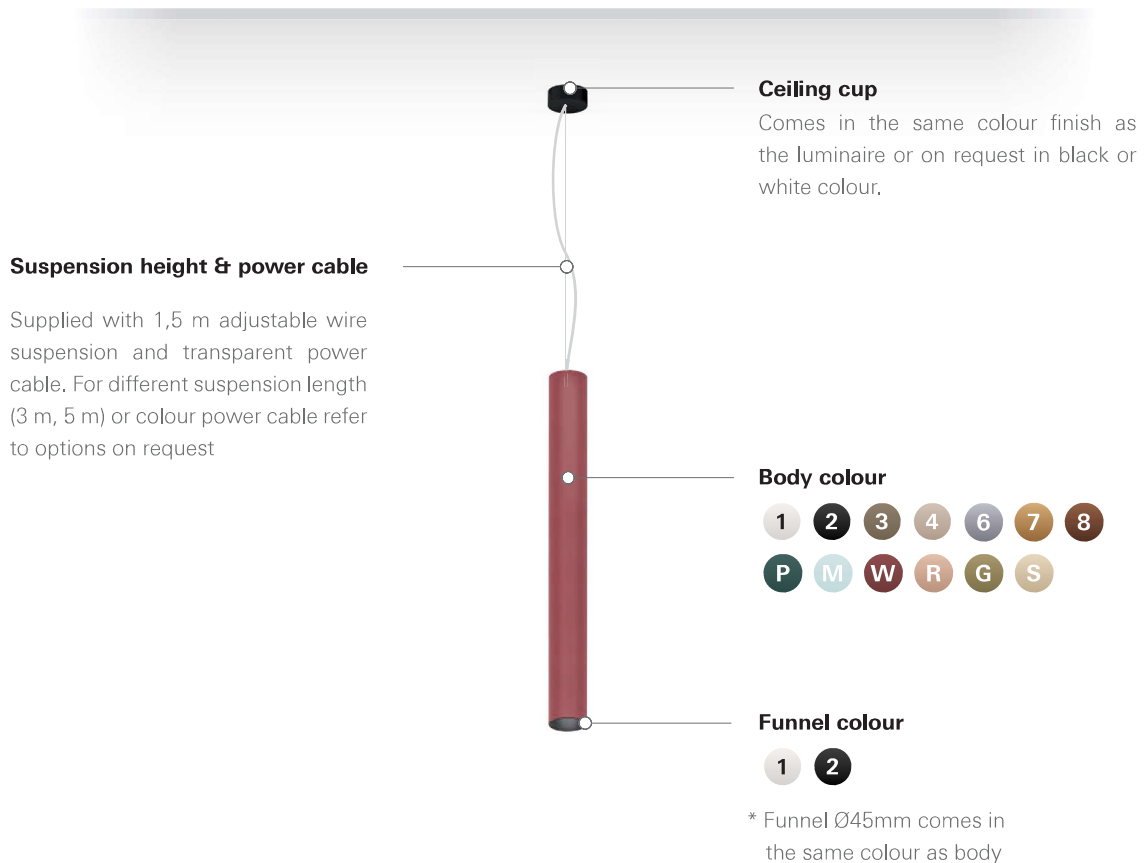
Play with height levels, be creative in composition

Create an eye-catching element in the space or blend it in discretely



Pick your colour. Match your style.

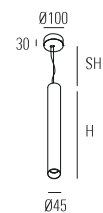
Select from colours to match any interior



Pipes Tube S 45



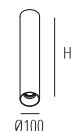
LUMEN OUTPUT	POWER	DRIVER	ANGLE	L (mm)	WEIGHT (kg)	ARTICLE NO	
						3000K	4000K
750 lm	7,8W	FO, DALI	38°, 60°	590	1,0	13062x51s6yy	13062x52s6yy
750 lm	7,8W	FO, DALI	38°, 60°	890	1,2	13062x51s7yy	13062x52s7yy
750 lm	7,8W	FO, DALI	38°, 60°	1480	1,4	13062x51s4yy	13062x52s4yy



Pipes Tube C 100



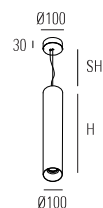
LUMEN OUTPUT	POWER	DRIVER	ANGLE	L (mm)	WEIGHT (kg)	ARTICLE NO	
						3000K	4000K
1650 lm	15W	FO, DALI	28°, 36°	490	2,0	13061x11s1yw	13061x12s1yw
2700 lm	27W	FO, DALI	28°, 36°	490	2,0	13061x21s1yw	13061x22s1yw
1650 lm	15W	FO, DALI	28°, 36°	750	2,4	13061x11s2yw	13061x12s2yw
2700 lm	27W	FO, DALI	28°, 36°	750	2,4	13061x21s2yw	13061x22s2yw
1650 lm	15W	FO, DALI	28°, 36°	980	2,8	13061x11s3yw	13061x12s3yw
2700 lm	27W	FO, DALI	28°, 36°	980	2,8	13061x21s3yw	13061x22s3yw
1650 lm	15W	FO, DALI	28°, 36°	1480	3,5	13061x11s4yw	13061x12s4yw
2700 lm	27W	FO, DALI	28°, 36°	1480	3,5	13061x21s4yw	13061x22s4yw
1650 lm	15W	FO, DALI	28°, 36°	1980	4,2	13061x11s5yw	13061x12s5yw
2700 lm	27W	FO, DALI	28°, 36°	1980	4,2	13061x21s5yw	13061x22s5yw



Pipes Tube S 100



LUMEN OUTPUT	POWER	DRIVER	ANGLE	L (mm)	WEIGHT (kg)	ARTICLE NO	
						3000K	4000K
1650 lm	15W	FO, DALI	28°, 36°	490	2,2	13062x11s1yw	13062x12s1yw
2700 lm	27W	FO, DALI	28°, 36°	490	2,2	13062x21s1yw	13062x22s1yw
1650 lm	15W	FO, DALI	28°, 36°	750	2,6	13062x11s2yw	13062x12s2yw
2700 lm	27W	FO, DALI	28°, 36°	750	2,6	13062x21s2yw	13062x22s2yw
1650 lm	15W	FO, DALI	28°, 36°	980	3,0	13062x11s3yw	13062x12s3yw
2700 lm	27W	FO, DALI	28°, 36°	980	3,0	13062x21s3yw	13062x22s3yw
1650 lm	15W	FO, DALI	28°, 36°	1480	3,7	13062x11s4yw	13062x12s4yw
2700 lm	27W	FO, DALI	28°, 36°	1480	3,7	13062x21s4yw	13062x22s4yw
1650 lm	15W	FO, DALI	28°, 36°	1980	4,4	13062x11s5yw	13062x12s5yw
2700 lm	27W	FO, DALI	28°, 36°	1980	4,4	13062x21s5yw	13062x22s5yw



Select your preferred option

For detailed explanations see technical pages.

Driver	x	Optics 100	s	Body colour	y	Funnel colour	w
FO - fixed output	0	28°	1	White	1	White	1
DALI	2	36°	2	Black	2	Black	2
				Driftwood	3		
				Cream beige	4		
		Optics 45	s	Silver aluminium	6		
		38°	1	Gold	7		
		60°	3	Corten	8		
				Mountain pine	P		
				Light mint	M		
				Red wine	W		
Options on request		Add to article no		Misty rose	R		
Track adapter		Stucchi (T1)		Mustard green	G		
SH - suspension length		3m (A1), 5m (A2)		Sweet pear	S		
Ceiling cup colour		White (C1), Black (C2)					

Pipes tube cluster C / S

Ceiling and suspended



Features

Light output: 1650 - 5400 lm



Installation: Ceiling mounted (C), Suspended (S). **Light source:** High-power COB LED, CRI 85/95, MacAdam ≤ 3 , 50.000h L80 B10. **Cooling system:** Passive cooling heat sink made from die-cast aluminium. **Optic:** Highly efficient with uniform distribution, metallized polycarbonate with lacquer finish. **Body:** Aluminium, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI). **IP protection:** 20. **Complete with:** Adjustable cord suspension and pre-fitted 1,5 m long power cable. 3 m and 5 m suspension available on request.

Montagewijze: Opbouw (C) , Gependeld (S). **Lichtbron:** High-power COB LED module, CRI 85/95, MacAdam ≤ 3 , 50.000h L80 B10. **Koelsysteem:** Die-cast aluminium heatsink met passieve koeling. **Optiek:** Zeer efficiënt gemetalliseerd polycarbonaat met lakafwerking. **Behuizing:** Gepoedercoat aluminium. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali dimbaar (DALI). **IP:** 20. **Voorzien van:** Verstelbare kabelophanging en voorgemonteerde 1,5 m lange stroomkabel. Ophanging van 3 m en 5 m verkrijgbaar op aanvraag.

Montage: Plafonnier (C), Suspension (S). **Source de luminaire:** Module COB LED haute puissance, IRC > 85/95, MacAdam ≤ 3 , 50.000h, L80 B10. **Dispositif de refroidissement:** Refroidissement passif avec diffuseur de chaleur en fonte d'aluminium. **Optique:** Haute efficacité avec une distribution uniforme, polycarbonate métallisé avec finition laquée. **Corps:** Revêtement aluminium à poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI) **Indice IP:** 20. **Livre avec:** Suspension réglable et câble d'alimentation pré-équipé de 1,5 m de long. Suspension de 3 m et 5 m disponible sur demande.

Create impact, enhance the space

A modern chandelier that matches any interior

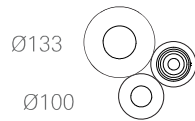
Cluster S

White ceiling cup and funnel

Ceiling cup and funnel are delivered in the same colour finish. Available in white or black colour option.

Suspension height & power cable

Supplied with 1,5 m adjustable wire suspension and transparent power cable. Other suspension heights available on request

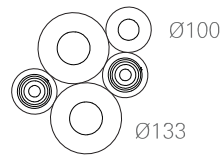


Decorative tube with light source



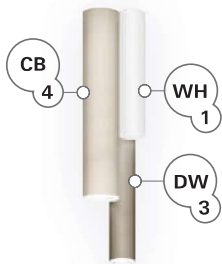
Decorative tube

Cluster L

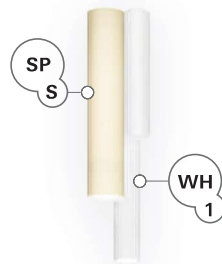


500
750
1000

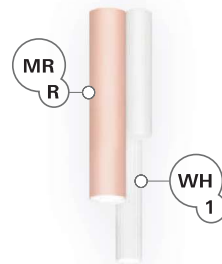
500
750
1000
1500
2000



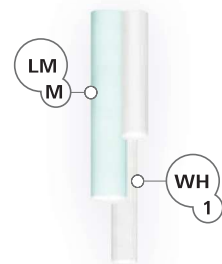
Earth



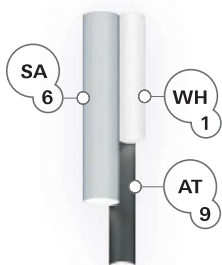
Frozen pear



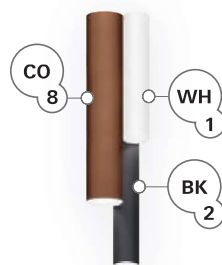
Frozen rose



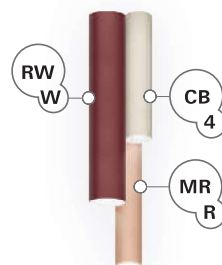
Frozen mint



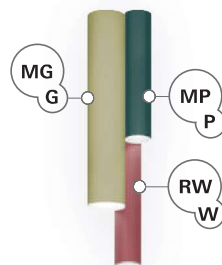
Shades of grey



Lava



Japanese garden

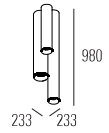


Unlike

Pipes Tube Cluster S C



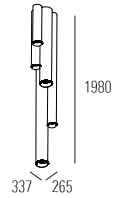
LUMEN OUTPUT	POWER	DRIVER	ANGLE	WEIGHT (kg)	ARTICLE NO	
					3000K	4000K
1x 1650 lm	15W	FO, DALI	28°, 36°	10,2	13063x11s0y1	13063x12s0yw
1x 2700 lm	27W	FO, DALI	28°, 36°	10,2	13063x21s0y1	13063x22s0yw



Pipes Tube Cluster L C



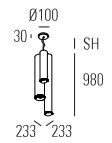
LUMEN OUTPUT	POWER	DRIVER	ANGLE	WEIGHT (kg)	ARTICLE NO	
					3000K	4000K
2x 1650 lm	30W	FO, DALI	28°, 36°	15,7	13063x31s0y1	13063x32s0yw
2x 2700 lm	54W	FO, DALI	28°, 36°	15,7	13063x41s0y1	13063x42s0yw



Pipes Tube Cluster S S



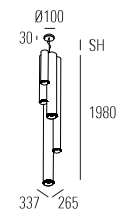
LUMEN OUTPUT	POWER	DRIVER	ANGLE	WEIGHT (kg)	ARTICLE NO	
					3000K	4000K
1x 1650 lm	15W	FO, DALI	28°, 36°	10,4	13064x11s0y1	13064x12s0yw
1x 2700 lm	27W	FO, DALI	28°, 36°	10,4	13064x21s0y1	13064x22s0yw



Pipes Tube Cluster L S



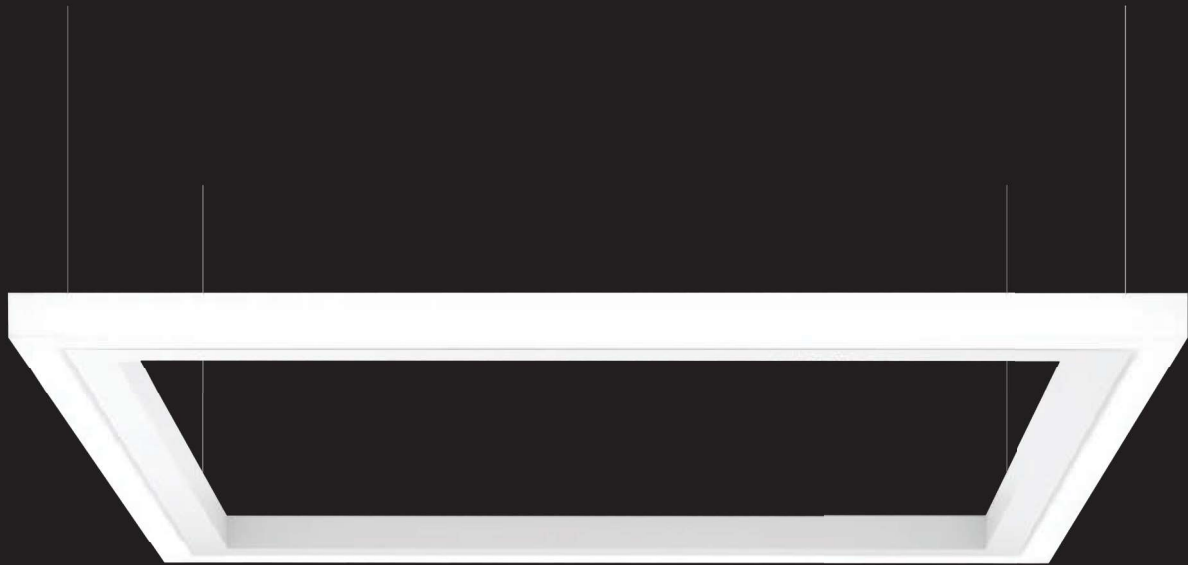
LUMEN OUTPUT	POWER	DRIVER	ANGLE	WEIGHT (kg)	ARTICLE NO	
					3000K	4000K
2x 1650 lm	30W	FO, DALI	28°, 36°	15,9	13064x31s0y1	13064x32s0yw
2x 2700 lm	54W	FO, DALI	28°, 36°	15,9	13064x41s0y1	13064x42s0yw



Select your preferred option

For detailed explanations see technical pages.

Driver	x	Optic angle	s	Body colour	y	Ceiling cup and funnel colour	w
FO - fixed output	0	28°	1	Earth	C1	White	1
DALI	2	36°	2	Frozen pear	C2	Black	2
				Frozen rose	C3		
				Frozen mint	C4		
				Shades of grey	C5		
				Lava	C6		
Options on request		Add to article no		Japanese garden	C7		
SH - suspension lenght		3m (A1), 5m (A2)		Unlike	C8		



Minus square

Made to match

A refined frame for outstanding ideas.

This linear square catches the attention as a graphic element in the space, especially when grouped in various ways.

White or RGB options are a perfect canvas for creative ideas. Minus Square integrates easily into any interior, lighting up uniformly the whole space.

Een verfijnde vorm voor uitzonderlijke ideeën.

Dit rechthoekige vierkant trekt de aandacht als een grafisch element in de ruimte, vooral als het op verschillende manieren gegroepeerd wordt.

De witte of RGB-opties zijn ideale instrumenten voor creatieve ideeën. De Minus Square integreert gemakkelijk in elk interieur en verlicht de volledige ruimte.

Un cadre raffiné pour des idées exceptionnelles.

Ce carré linéaire capte l'attention en tant qu'élément graphique dans l'espace, particulièrement lorsqu'il est groupé de différentes manières.

Les options blanches ou RGB forment un canevas idéal pour les idées créatives. Minus Square s'intègre aisément dans tous les intérieurs et éclaire uniformément l'ensemble de l'espace.

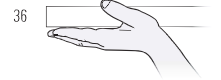






Minus Square S

Suspended



Features

Light output: 4300-9200 lm

Colours: **1** **2**



230V
50Hz



Installation: Suspended (S). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. RGB LED strip optional. **Optic:** Satin opal polycarbonate diffuser (SOP). **Body:** Extruded aluminium profile, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **IP protection:** 20. **Complete with:** Adjustable cord suspension and pre-fitted 1,5 m long power cable. 3 m and 5 m suspension available on request.

Montagewijze: Gependeld (S). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. RGB Ledstrip optioneel. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP). **Behuizing:** Gepoedercoat aluminium extrusie profiel. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali TouchDim dimbaar (DALI-TD). **IP:** 20. **Voorzien van:** Verstelbare kabelophanging en voorgemonteerde 1,5 m lange stroomkabel. Ophanging van 3 m en 5 m verkrijgbaar op aanvraag.

Montage: Suspension (S). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤3, 50.000h, L80 B10. Bande LED RVB (RGB). **Optique:** Diffuseur polycarbonate opal satiné (SOP). **Corps:** Profil en aluminium extrudé, revêtu par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD) **Indice IP:** 20. **Livre avec:** Suspension réglable et câble d'alimentation pré-équipé de 1,5 m de long. Suspension de 3 m et 5 m disponible sur demande.

Going back to simplicity

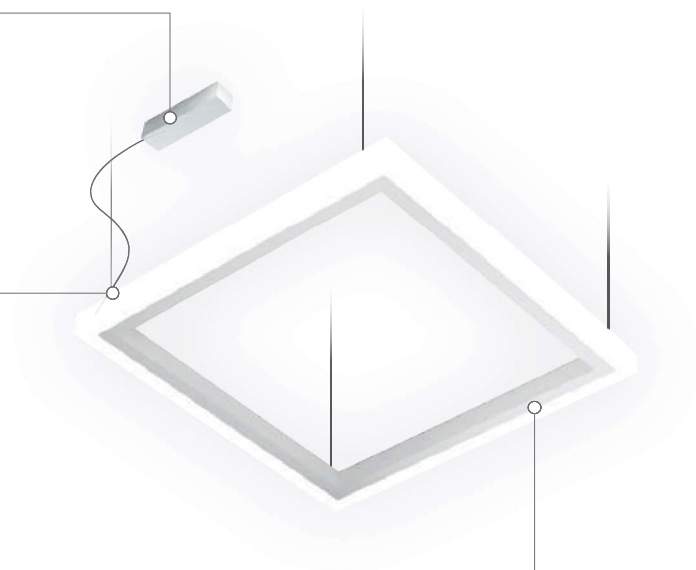
A refined frame for outstanding ideas

Ceiling cup

Comes in the same colour finish as the luminaire

Suspension height & power cable

Supplied with 1,5 m adjustable wire suspension and transparent power cable. For different suspension length (3 m, 5 m) refer to options on request

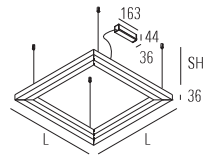


Uniform illumination all around

Minus S Square



LUMEN OUTPUT	POWER	DRIVER	L (mm)	WEIGHT (kg)	ARTICLE NO	
SOP - satin opal diffuser					3000K	4000K
4300 lm	39W	FO, DALI	650	5,0	13386x05101	13386x06101
6100 lm	59W	FO, DALI	650	5,0	13386x07101	13386x08101
6400 lm	56W	FO, DALI	930	6,1	13386x05201	13386x06201
9200 lm	88W	FO, DALI	930	6,1	13386x07201	13386x08201



Select your preferred option

For detailed explanations see technical pages.

Driver	x	Options on request	Add to article no
FO - fixed output	4	SH - suspension lenght	3m (A1), 5m (A2)
DALI-TD	1		



Edge

Light graphics

Push your ideas over the edge.

Create graphics with light or soften your edges with a luminaire that offers an effect of pure light, without really seeing the product.

Edge can be discreetly blended into your ceiling or wall, and at the same time provide uniform and controlled illumination. It comes in dimensions that fit your plaster ceiling like a glove and focus attention just where it needs to be. It's a luminaire that brings your space to life.

Go straight to the Edge if you plan a hotel lobby, corridors or representative spaces to create an atmosphere; use it in pubs, bars and restaurants to elevate the mood or simply light up signalisation that cannot be ignored.

Stijg boven uw voorstellingsvermogen uit.

Creëer beelden met licht of verzacht randen met een armatuur dat een effect van puur licht verschaft, zonder dat het product zelf te zien is.

Edge kan discreet opgaan in uw plafond of wand en kan tegelijkertijd gelijkmatige en gecontroleerde verlichting verschaffen. Het is verkrijgbaar in afmetingen die als een handschoen passen bij uw gipsplafond en de aandacht vestigen waar deze nodig is. Het is een armatuur dat uw ruimte tot leven brengt.

Pak direct "the Edge" als u plannen heeft om een goede atmosfeer in representatieve ruimtes te creëren; gebruik het in pubs, bars en restaurants om de stemming te verhogen of om simpelweg dingen te signaleren die niet genegeerd kunnen worden.

Poussez vos idées à l'extrême.

Créez des graphiques avec de la lumière ou adoucissez vos angles avec un luminaire qui offre un effet de lumière pure, tout en dissimulant sa source.

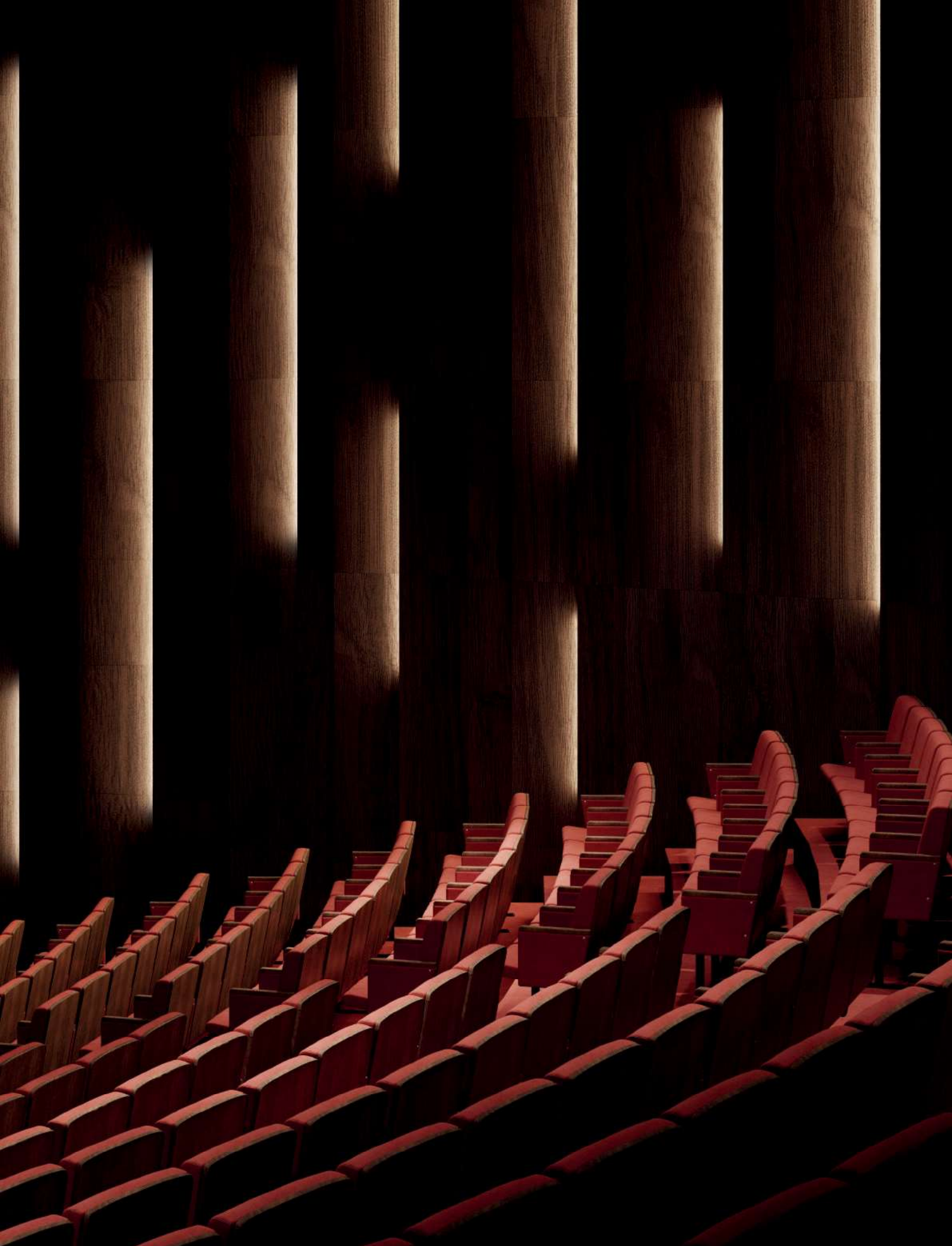
Edge s'intègre en toute discrétion dans votre plafond ou sur votre mur, tout en assurant un éclairage uniforme et contrôlé. Il est livré avec des dimensions qui s'adaptent comme un gant à votre plafond en plâtre et permet de concentrer l'attention juste là où elle doit l'être. C'est un luminaire qui donne vie à votre espace.

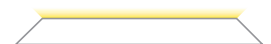
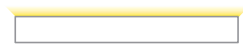
Pensez directement à Edge si vous planifiez de construire un hall d'hôtel, des couloirs ou des espaces particuliers pour créer une atmosphère ; utilisez-le dans les pubs, les bars et les restaurants pour rehausser l'ambiance ou simplement pour mettre en lumière une signalisation qui ne doit pas être ignorée.











EDGE

LINEAR

CORNER
External

CORNER
Internal

Optics

SOP

SOP

SOP

Light output

Lumen output (lumens)

350 - 2450 lm

350 - 2450 lm

350 - 2450 lm

Lumen output (lumens)

690 - 1250 lm/m

690 - 1250 lm/m

690 - 1250 lm/m

Efficacy

Lighting fixture

up to 75 lm/W

up to 75 lm/W

up to 75 lm/W

Light source

up to 155 lm/W

up to 155 lm/W

up to 155 lm/W

LED Colour

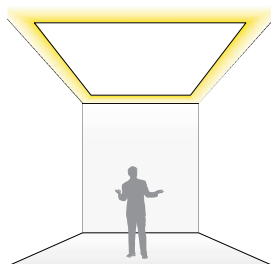
823 / 827 / 830 / 840

823 / 827 / 830 / 840

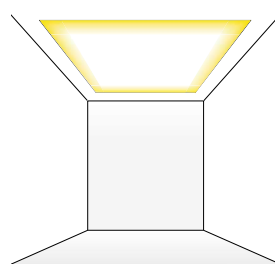
823 / 827 / 830 / 840

Give your light a freedom

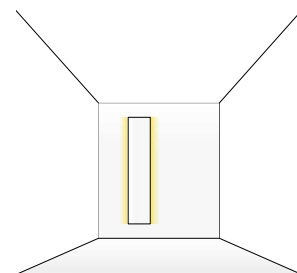
Draw a light in the space that follows your architecture.



1



2



3

Complement architecture with lighting

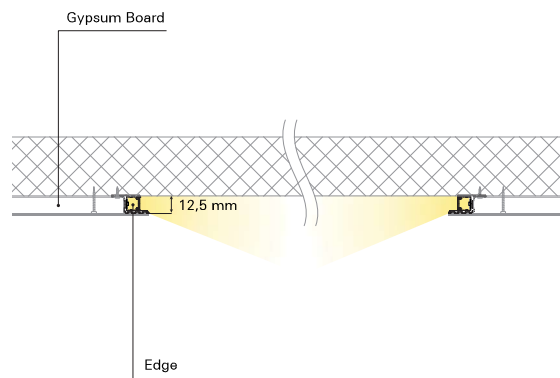
Soft lighting that follows the architecture



Draw stories

Edge luminaire gives your light a freedom.
Draw a light that follows the story of your space.

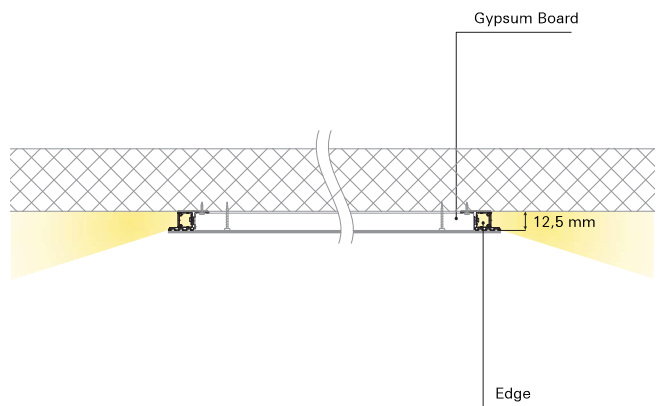
Vertical section:



Highlight signalization

A cross-section of the space with two
Edge luminaires mounted on the wall.

Horizontal section:



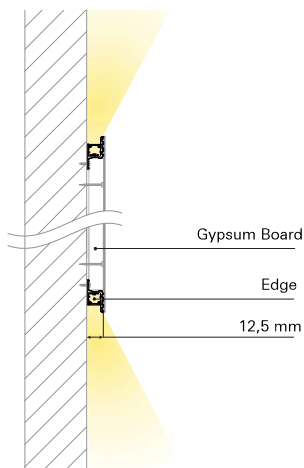
Mood guardian

Make the room feel more inviting

Create an ambient

Use Edge to create an ambient illumination or as a light that helps navigating in the nighttime.

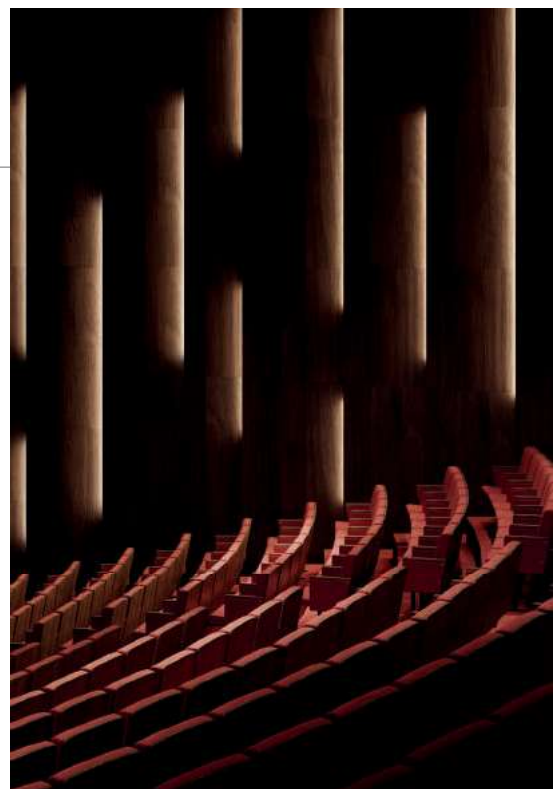
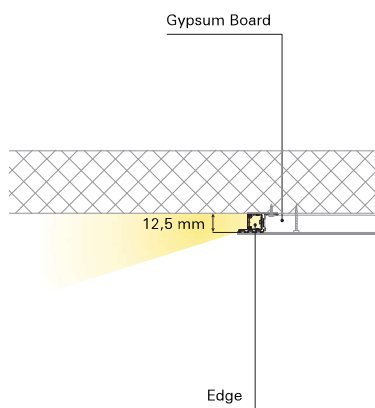
Vertical section:



Functionality in details

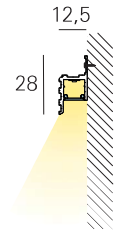
Use Edge not just as a decorative element, but as a detail that offers far more; an atmosphere, safety, orientation and enhance mood.

Horizontal section:



Edge

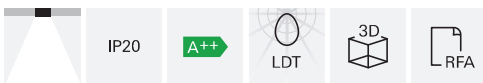
Recessed



Features

Light output: 350-2450 lm

Colours: 1



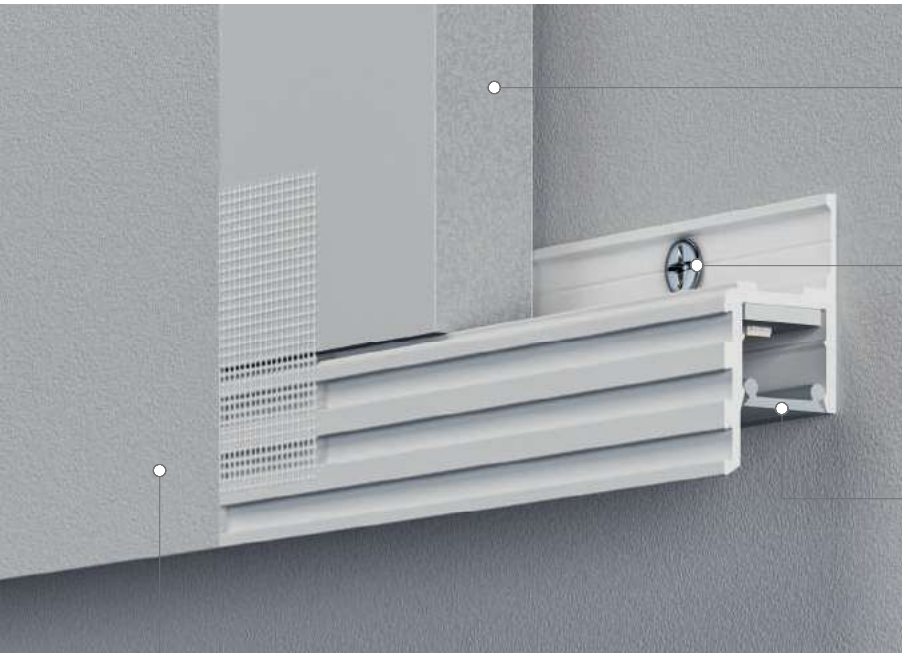
Installation: Recessed ceiling or wall (RV). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optic:** Satin opal polycarbonate diffuser (SOP). **Body:** Extruded aluminium profile, powder coated. **Control gear:** Constant voltage driver - order separately. **IP protection:** 20. **Accessories** (order separately): 50 mm line cable with connectors, 2-pole power supply cable with connector (200mm or 1500mm).

Montagewijze: Inbouw of wandmontage (RV). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP). **Behuizing:** Gepoedercoat aluminium extrusie profiel. **Voeding:** Constante spanningsgestuurde driver - afzonderlijk bestellen. **IP:** 20. **Accessoires** (apart te bestellen): 50 mm-lijnkabel met connectoren, 2-polige voedingskabel met connector (200 mm of 1500 mm).

Montage: Plafonnier (C), Encastré mur ou plafond (RV). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤3, 50.000h, L80 B10. **Eclairage:** Direct, Asymétrique. **Optique:** Diffuseur polycarbonate opal satiné (SOP). **Corps:** Profil en aluminium extrudé, revêtu par poudre. **Platine:** Driver à tension constante - à commander séparément. **Indice IP:** 40. **Accessoires** (a commander separement): Capuchons d'extrémité pour Cove 12 (ronds pour installation encastrée dans les meubles), câble de ligne de 50 mm avec connecteurs, câble d'alimentation à 2 pôles avec connecteur (200 mm ou 1500 mm).

Discretely blended

Carefully thought out for the easiest installation



Gypsum board

Supporting standard gypsum board thickness

Screw position

Thin profile allows adjustable screw position. Recommended distance between screws is 150 mm.

High visual comfort with optimized optics

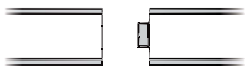
Satin opal diffuser for pleasant ambient illumination

Straightforward installation

Finish the ceiling work by applying putty over the luminaire

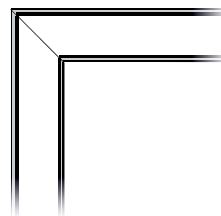
Alternative installation

When an alternative application is needed, additional options are available.



Linear installations with quick connection

All linear modules are fitted with quick connectors enabling to connect multiple products in line.



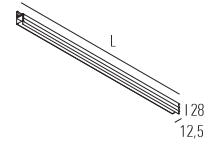
Corner mounting

The invisible joints between Edge's corner modules give continual light effect. Corner connection require line connector with wire 50 mm.

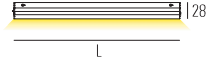
Edge



LUMEN OUTPUT	POWER	DRIVER	L (mm)	LED COLOUR	WEIGHT (kg)	ARTICLE NO
Versions with 24V PCB modules 1500 lm/m						
350 lm	5W	24V	500	827, 830	0,1	1944z200501
420 lm	6W	24V	600	827, 830	0,1	1944z200601
690 lm	10W	24V	1000	827, 830	0,2	1944z201001
1050 lm	14W	24V	1500	827, 830	0,4	1944z201501
1400 lm	19W	24V	2000	827, 830	0,5	1944z202001



Versions with 24V PCB modules 2700 lm/m						
620 lm	8W	24V	500	827, 830, 840	0,1	1944z300501
740 lm	10W	24V	600	827, 830, 840	0,1	1944z300601
1250 lm	17W	24V	1000	827, 830, 840	0,2	1944z301001
1850 lm	25W	24V	1500	827, 830, 840	0,4	1944z301501
2450 lm	34W	24V	2000	827, 830, 840	0,5	1944z302001



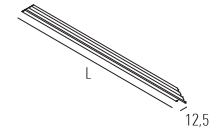
⚠ Constant voltage driver must be ordered separately. Power consumption data refer to lighting fixture without the driver.

ⓘ Fixture dimensions in upper table do not include end caps. Additional 3mm need to be added to final system length.

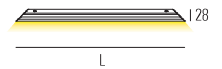
Edge external



LUMEN OUTPUT	POWER	DRIVER	L (mm)	LED COLOUR	WEIGHT (kg)	ARTICLE NO
Versions with 24V PCB modules 1500 lm/m						
350 lm	5W	24V	547	827, 830	0,1	1945z200501
420 lm	6W	24V	647	827, 830	0,1	1945z200601
690 lm	10W	24V	1047	827, 830	0,2	1945z201001
1050 lm	14W	24V	1547	827, 830	0,4	1945z201501
1400 lm	19W	24V	2047	827, 830	0,5	1945z202001



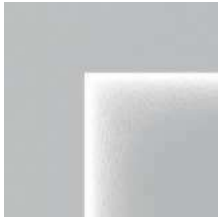
Versions with 24V PCB modules 2700 lm/m						
620 lm	8W	24V	547	827, 830, 840	0,1	1945z300501
740 lm	10W	24V	647	827, 830, 840	0,1	1945z300601
1250 lm	17W	24V	1047	827, 830, 840	0,2	1945z301001
1850 lm	25W	24V	1547	827, 830, 840	0,4	1945z301501
2450 lm	34W	24V	2047	827, 830, 840	0,5	1945z302001



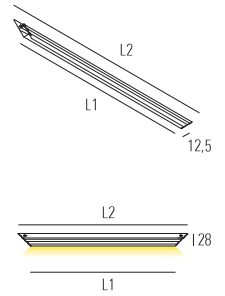
⚠ Constant voltage driver must be ordered separately. Power consumption data refer to lighting fixture without the driver.

ⓘ Fixture dimensions in upper table do not include end caps. Additional 3mm need to be added to final system length.

Edge internal



LUMEN OUTPUT	POWER	DRIVER	L1 (mm)	L2 (mm)	LED COLOUR	WEIGHT (kg)	ARTICLE NO
Versions with 24V PCB modules 1500 lm/m							
350 lm	5W	24V	491	547	827, 830	0,1	1946z200501
420 lm	6W	24V	591	647	827, 830	0,1	1946z200601
690 lm	10W	24V	991	1047	827, 830	0,2	1946z201001
1050 lm	14W	24V	1491	1547	827, 830	0,4	1946z201501
1400 lm	19W	24V	1991	2047	827, 830	0,5	1946z202001
Versions with 24V PCB modules 2700 lm/m							
620 lm	8W	24V	491	547	827, 830, 840	0,1	1946z300501
740 lm	10W	24V	591	647	827, 830, 840	0,1	1946z300601
1250 lm	17W	24V	991	1047	827, 830, 840	0,2	1946z301001
1850 lm	25W	24V	1491	1547	827, 830, 840	0,4	1946z301501
2450 lm	34W	24V	1991	2047	827, 830, 840	0,5	1946z302001



- Constant voltage driver must be ordered separately. Power consumption data refer to lighting fixture without the driver.
- Fixture dimensions in upper table do not include end caps. Additional 3mm need to be added to final system length.

Select your preferred option

For detailed explanations see technical pages.

LED colour	z
2450K	7
2700K	1
3000K	2
4000K	3

Driver options



TYPE	TYPE	CUT-OUT DIM	ARTICLE NO
Driver 20W 24V active PFC	FO	60 mm	702120008
Driver LC 60W 24V FO	FO	55 mm	702120244
Driver LCA 60W 24V DALI	DALI	55 mm	702120242
Driver LC 100W 24V	FO	55 mm	702120245
Driver LCA 100W 24V DALI	DALI	55 mm	702120202

Accessories

TYPE	ARTICLE NO
Cove-Edge supply wire with female connector L=200 mm	19400011110
Cove-Edge supply wire with male connector L=200 mm	19400011310
Cove-Edge supply wire with female connector L=1500 mm	19400011120
Cove-Edge supply wire with male connector L=1500 mm	19400011320
Cove-Edge line connector with wire L=50 mm	19400011210

- Each individual or line system require supply wire with connector.
- Linear line connection doesn't require accessory, except when connecting over the corner. In that case, line connector with wire is required.



Cove

All light

Feel the light

Give your space the feeling of a light flooding in or put it in under cascades and shelves to light up things that need to be seen. Cove is a light that can be decorative, functional or both at the same time as it always creates a uniform light with an elegant touch.

Place it in a hotel lobby or bedroom and make your guests feel welcome; use it in a closet, under cascades and shelves or blend it with hallway interiors to give your visitors that extra feeling of warmth. Cove will make you see only the light, and not the luminaire.

Voel het licht

Geef uw ruimte het gevoel van licht dat binnen stroomt of stel het op onder cascades en planken om voorwerpen te verlichten die gezien mogen worden. Cove is een lamp die decoratief, functioneel of allebei tegelijk kan zijn omdat het altijd gelijkmatig licht met een elegante touch creëert.

Plaats het in de ontvangsthal van een hotel en uw gasten voelen zich welkom; gebruik het in een kast, onder cascades en planken of laat het opgaan in uw halinterieur om uw bezoekers een extra warm gevoel te geven. Cove laat u enkel het licht zien en niet het armatuur.

Ressentir la lumière

Donnez à votre espace l'impression d'être inondé de lumière ou placez-le sous des armoires et des étagères pour éclairer des objets que vous voulez montrer. Cove est un luminaire qui peut être décoratif, fonctionnel ou les deux en même temps, car il offre toujours une lumière uniforme avec une touche d'élégance.

Installez-le dans un hall d'hôtel ou une chambre d'hôtel pour réserver un accueil chaleureux à vos invités. Utilisez-le dans un placard, sous des armoires et des étagères ou ajoutez-le au décor intérieur des couloirs afin d'offrir à vos visiteurs cette sensation supplémentaire de chaleur. Cove ne vous fera voir que la lumière, et pas le luminaire.







COVE

12 H

Horizontal diffuser

12 V

Horizontal diffuser

25 V

Vertical diffuser

Light output

Light output (lumens)	290 - 3200 lm	230 - 2600 lm	230 - 2550 lm
Light output (lumens/meter)	720 - 1300 lm/m	580 - 1050 lm/m	580 - 1050 lm/m

Efficacy

Lighting fixture	up to 75 lm/W	up to 62 lm/W	up to 62 lm/W
Light source	up to 155 lm/W	up to 155 lm/W	up to 155 lm/W

LED Colour

823 / 827 / 830 / 840	823 / 827 / 830 / 840	823 / 827 / 830 / 840
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Optics

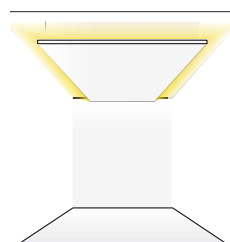
SOP	SOP	SOP
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Colour finish

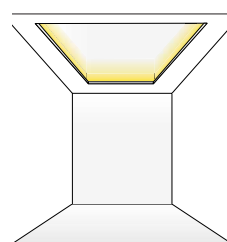
1 2	1 2	1 2
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Application possibilities

Draw a light in the space that follows your architecture.



1



2

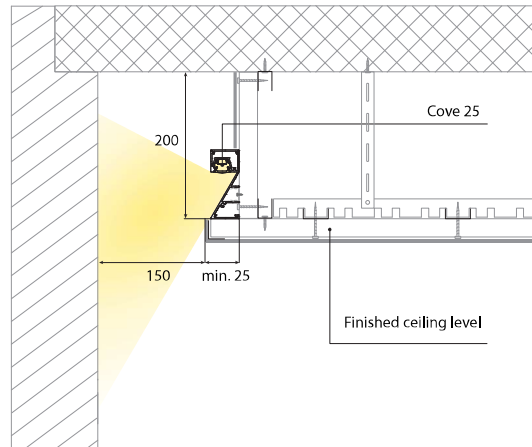
Cascade installation

Soft lighting that follows the architecture



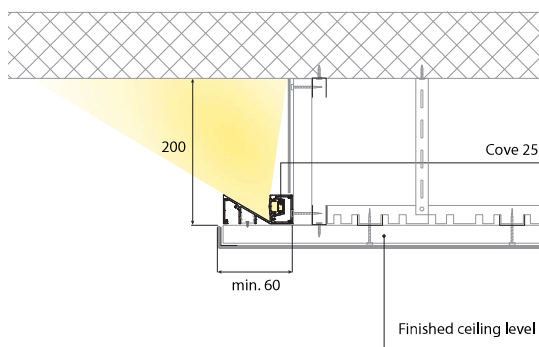
Cascade 1 - Cove 25V

Cove 25 with vertical diffuser softly diffuses the light on the wall or ceilings, making it suitable for all kinds of ambient applications especially cascade.



Cascade 2 - Cove 25 V

Use Cove for creating a diffused light effect with cove applications, with the effect that is decorative and functional at the same time.

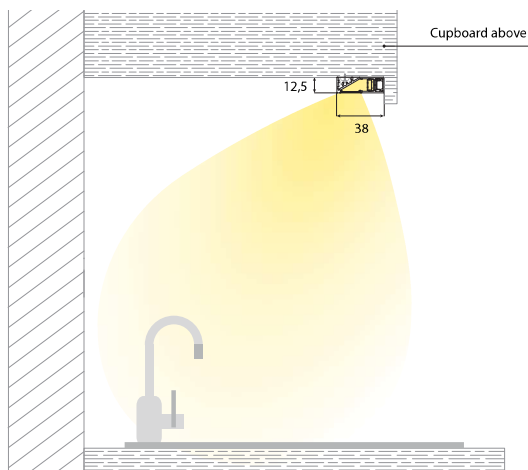


Mood guardian

Make the room feel more inviting

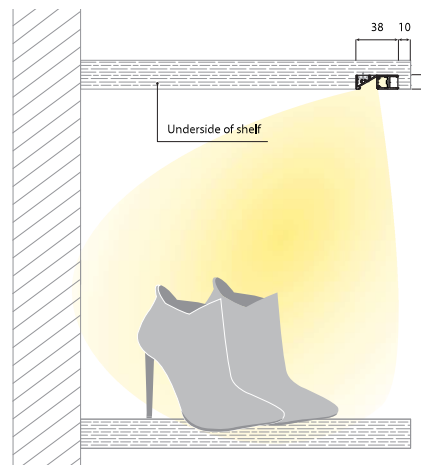
Dust and steam - Cove 12H

Cove with horizontal diffuser is a practical choice for spaces where dust and steam are a problem.



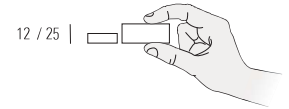
Shelf application - Cove 12V

Cove with vertical diffuser does not emit light backwards and is therefore suitable for more specific applications like shelves and countertops.



Cove

Recessed



Features

Light output: 580 - 1300 lm/m Colours: **1** **2**



230V
50Hz



Installation: Ceiling mounted (C), Recessed ceiling or wall (RV). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Light distribution:** Direct, Asymmetric. **Optic:** Satin opal polycarbonate diffuser (SOP). **Body:** Extruded aluminium profile, powder coated. **Control gear:** Constant voltage driver - order separately. **IP protection:** 40. **Accessories** (order separately): End caps for Cove 12 (round for recessed installation in furniture), 50 mm line cable with connectors, 2-pole power supply cable with connector (200mm or 1500mm).

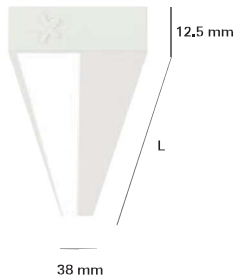
Montagewijze: Opbouw (C) , Inbouw of wandmontage (RV). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Lichtverdeling:** Direct, Asymmetrisch. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP). **Behuizing:** Gepoedercoat aluminium extrusie profiel. **Voeding:** Constante spanningsgestuurde driver - afzonderlijk bestellen. **IP:** 40. **Accessoires** (apart te bestellen): Einddkappen voor Cove 12 (rond voor recessed installatie in meubels), 50 mm lijkabel met connectoren, 2-polige voedingskabel met connector (200 mm of 1500 mm).

Montage: Plafonnier (C), Encastré mur ou plafond (RV). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤3, 50.000h, L80 B10. **Eclairage:** Direct, Asymétrique. **Optique:** Diffuseur polycarbonate opal satiné (SOP). **Corps:** Profil en aluminium extrudé, revêtu par poudre. **Platine:** Driver à tension constante - à commander séparément. **Indice IP:** 40. **Accessoires** (a commander separement): Capuchons d'extrémité pour Cove 12 (ronds pour installation encastrée dans les meubles), câble de ligne de 50 mm avec connecteurs, câble d'alimentation à 2 pôles avec connecteur (200 mm ou 1500 mm).

A luminaire that gives your light a freedom

Decorative and functional at the same time

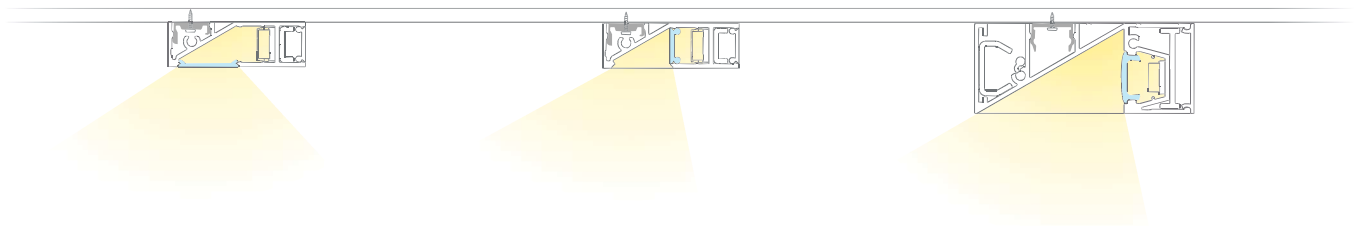
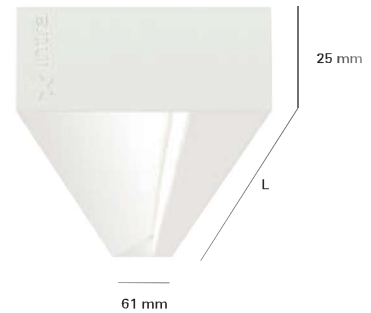
Cove 12 H
Horizontal diffuser



Cove 12 V
Vertical diffuser



Cove 25 V
Vertical diffuser



L (standard module length): 400, 500, 600, 700, 1000, 1500, 2000, 2500

Other lengths available on request.

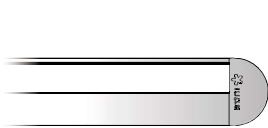
■ Mounting points

■ Diffuser

■ Light distribution

Installation possibilities

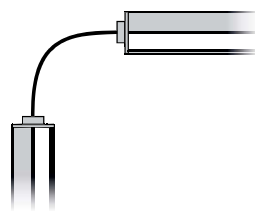
Models that fit standard plaster ceiling heights



Installation in the furniture

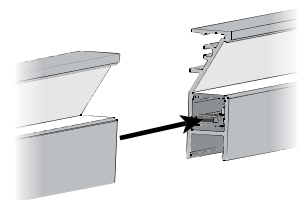
When mounting Cove into the furniture, the recessed round end cap set* must be used.

*Only available for model Cove 12H /12V



Flexible compositions

For all creative compositions with corner installations or other shapes, a Line connector with wire (5 cm) is available. See Accessories for the article number.



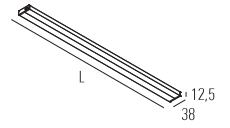
Linear installations with quick connection

All modules are fitted with quick connectors enabling to connect multiple products in a linear composition smooth, fast and easy.

Cove 12H



LUMEN OUTPUT	POWER	DRIVER	L (mm)	LED coLOUR	WEIGHT (kg)	ARTICLE NO
Versions with 24V PCB modules 1500 lm/m						
290 lm	4W	24V	400	827, 830	0,2	1941z20040y
360 lm	5W	24V	500	827, 830	0,2	1941z20050y
430 lm	6W	24V	600	827, 830	0,2	1941z20060y
500 lm	7W	24V	700	827, 830	0,3	1941z20060y
720 lm	10W	24V	1000	827, 830	0,4	1941z20100y
1100 lm	15W	24V	1500	827, 830	0,6	1941z20150y
1450 lm	20W	24V	2000	827, 830	0,8	1941z20200y
1800 lm	24W	24V	2500	827, 830	1,0	1941z20250y



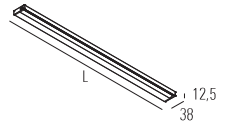
Versions with 24V PCB modules 2700 lm/m						
510 lm	7W	24V	400	827, 830, 840	0,2	1941z30040y
640 lm	9W	24V	500	827, 830, 840	0,2	1941z30050y
770 lm	11W	24V	600	827, 830, 840	0,2	1941z30060y
890 lm	12W	24V	700	827, 830, 840	0,3	1941z30070y
1300 lm	17W	24V	1000	827, 830, 840	0,4	1941z30100y
1900 lm	26W	24V	1500	827, 830, 840	0,6	1941z30150y
2550 lm	34W	24V	2000	827, 830, 840	0,8	1941z30200y
3200 lm	42W	24V	2500	827, 830, 840	1,0	1941z30250y

- Constant voltage driver must be ordered separately. Power consumption data refer to lighting fixture without the driver.
- Fixture dimensions in upper table do not include end caps. Additional 3mm need to be added to final system length.

Cove 12V



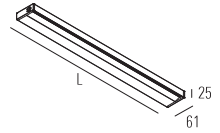
LUMEN OUTPUT	POWER	DRIVER	L (mm)	LED coLOUR	WEIGHT (kg)	ARTICLE NO
Versions with 24V PCB modules 1500 lm/m						
230 lm	4W	24V	400	827, 830	0,2	1942z20040y
290 lm	5W	24V	500	827, 830	0,2	1942z20050y
350 lm	6W	24V	600	827, 830	0,2	1942z20060y
400 lm	7W	24V	700	827, 830	0,3	1942z20070y
580 lm	10W	24V	1000	827, 830	0,4	1942z20100y
870 lm	15W	24V	1500	827, 830	0,6	1942z20150y
1150 lm	20W	24V	2000	827, 830	0,8	1942z20200y
1450 lm	24W	24V	2500	827, 830	1,0	1942z20250y



Versions with 24V PCB modules 2700 lm/m						
410 lm	7W	24V	400	827, 830, 840	0,2	1942z30040y
520 lm	8W	24V	500	827, 830, 840	0,2	1942z30050y
620 lm	10W	24V	600	827, 830, 840	0,2	1942z30060y
720 lm	12W	24V	700	827, 830, 840	0,3	1942z30070y
1050 lm	17W	24V	1000	827, 830, 840	0,4	1942z30100y
1550 lm	25W	24V	1500	827, 830, 840	0,6	1942z30150y
2050 lm	34W	24V	2000	827, 830, 840	0,8	1942z30200y
2600 lm	42W	24V	2500	827, 830, 840	1,0	1942z30250y

- Constant voltage driver must be ordered separately. Power consumption data refer to lighting fixture without the driver.
- Fixture dimensions in upper table do not include end caps. Additional 3mm need to be added to final system length.

Cove 25V



LUMEN OUTPUT	POWER	DRIVER	L (mm)	LED COLOUR	WEIGHT (kg)	ARTICLE NO
Versions with 24V PCB modules 1500 lm/m						
230 lm	4W	24V	400	827, 830	0,3	1943z20040y
290 lm	5W	24V	500	827, 830	0,3	1943z20050y
350 lm	6W	24V	600	827, 830	0,4	1943z20060y
410 lm	7W	24V	700	827, 830	0,5	1943z20070y
580 lm	10W	24V	1000	827, 830	0,7	1943z20100y
870 lm	15W	24V	1500	827, 830	1,0	1943z20150y
1150 lm	20W	24V	2000	827, 830	1,4	1943z20200y
1450 lm	24W	24V	2500	827, 830	1,7	1943z20250y
Versions with 24V PCB modules 2700 lm/m						
410 lm	7W	24V	400	827, 830, 840	0,3	1943z30040y
510 lm	8W	24V	500	827, 830, 840	0,3	1943z30050y
620 lm	10W	24V	600	827, 830, 840	0,4	1943z30060y
720 lm	12W	24V	700	827, 830, 840	0,5	1943z30070y
1050 lm	17W	24V	1000	827, 830, 840	0,7	1943z30100y
1550 lm	25W	24V	1500	827, 830, 840	1,0	1943z30150y
2050 lm	34W	24V	2000	827, 830, 840	1,4	1943z30200y
2550 lm	42W	24V	2500	827, 830, 840	1,7	1943z30250y

- Constant voltage driver must be ordered separately. Power consumption data refer to lighting fixture without the driver.
- Fixture dimensions in upper table do not include end caps. Additional 3mm need to be added to final system length.

Select your preferred option

For detailed explanations see technical pages.

LED colour	z	Body colour	y
2450K	4	White	1
2700K	1	Black	2
3000K	2		
4000K	3		

Driver options



TYPE	TYPE	CUT-OUT DIM	ARTICLE NO
Driver 20W 24V active PFC	FO	60 mm	702120008
Driver LC 60W 24V FO	FO	55 mm	702120244
Driver LCA 60W 24V DALI	DALI	55 mm	702120242
Driver LC 100W 24V	FO	55 mm	702120245
Driver LCA 100W 24V DALI	DALI	55 mm	702120202

Accessories

TYPE	ARTICLE NO
Cove-Edge supply wire with female connector L=200 mm	19400011110
Cove-Edge supply wire with male connector L=200 mm	19400011310
Cove-Edge supply wire with female connector L=1500 mm	19400011120
Cove-Edge supply wire with male connector L=1500 mm	19400011320
Cove-Edge line connector with wire L=50 mm	19400011210
Cove 12 recessed round end-cap set	1940001210y

- Each individual or line system require supply wire with connector.
- Linear line connection doesn't require accessory, except when connecting over the corner. In that case, line connector with wire is required.

Select your preferred option

For detailed explanations see technical pages.

End-cap colour	y
White	1
Black	2



Lineled

Behind the scenes

It is the light and the effect that counts.

With its compact size and various mounting possibilities, it's easy to integrate it under shelves, showcases, but also wardrobes or cascades.

The illuminated object takes centre stage, while the luminaire steps into the background, emphasising the real value from behind the scenes.

Licht en effect in de hoofdrol.

Compact en met diverse bevestigingsmogelijkheden integreert de Line Led met gemak onder schappen en vitrines, maar kan hij evengoed in garderobekasten of in een koof worden geplaatst.

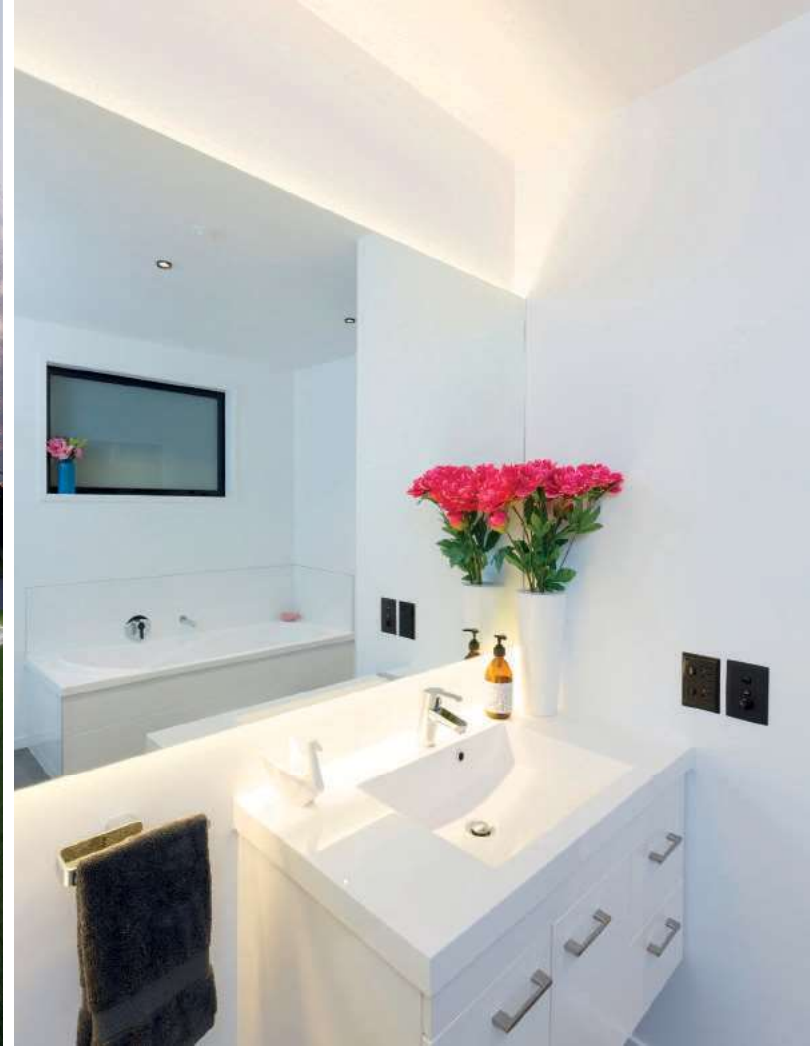
Dit armatuur plaatst het verlichte object in de schijnwerpers en accentueert wat van belang is zonder daarbij zelf op de voorgrond te treden.

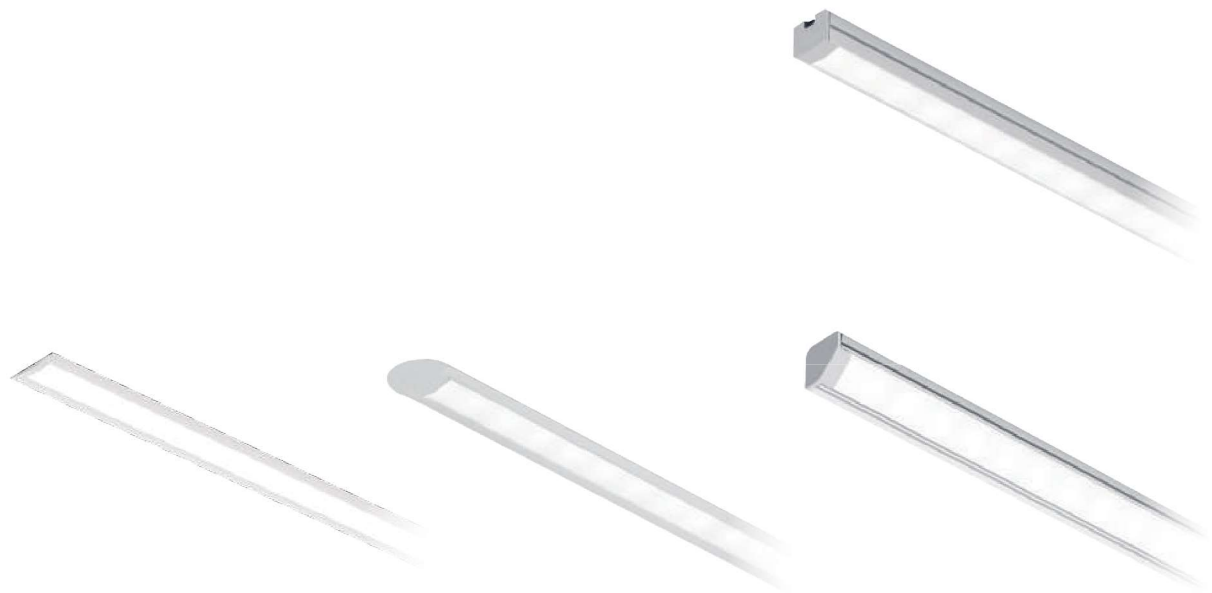
C'est la lumière et l'effet qui comptent.

Avec son format compact et ses différentes possibilités de montage, ce luminaire est facile à intégrer sous des rayonnages, des vitrines, mais également sous des armoires ou en cascade.

Les objets illuminés apparaissent au centre de la scène, tandis que le luminaire passe en arrière-plan et met en valeur les éléments importants depuis les coulisses.







LINELED

RVP

Recessed for plaster

RVW

Recessed for wood

CS / CT

Ceiling

Light output

Lighting fixture	370-3300 lm	190-1800 lm	190-1800 lm
Light source	740-6580 lm	380-3600 lm	380-3600 lm

Efficacy

Lighting fixture	up to 78 lm/W	up to 55 lm/W	up to 55 lm/W
Light source	up to 155 lm/W	up to 111 lm/W	up to 111 lm/W

LED Colour

824 / 827 / 830 / 840	830 / 840	830 / 840
-----------------------	-----------	-----------

LED type

LED PCB board	flexible LED strip	flexible LED strip
---------------	--------------------	--------------------

Optics

SOP	SOP	SOP
-----	-----	-----

IP protection

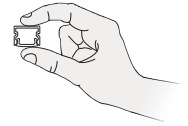
IP40	IP40	IP40
------	------	------

Colour finish

1 2	1 2	1 2
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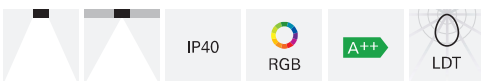
Lineled

Recessed / ceiling



Features

Light output: 190 - 3300 lm Colours: 1 2



24V



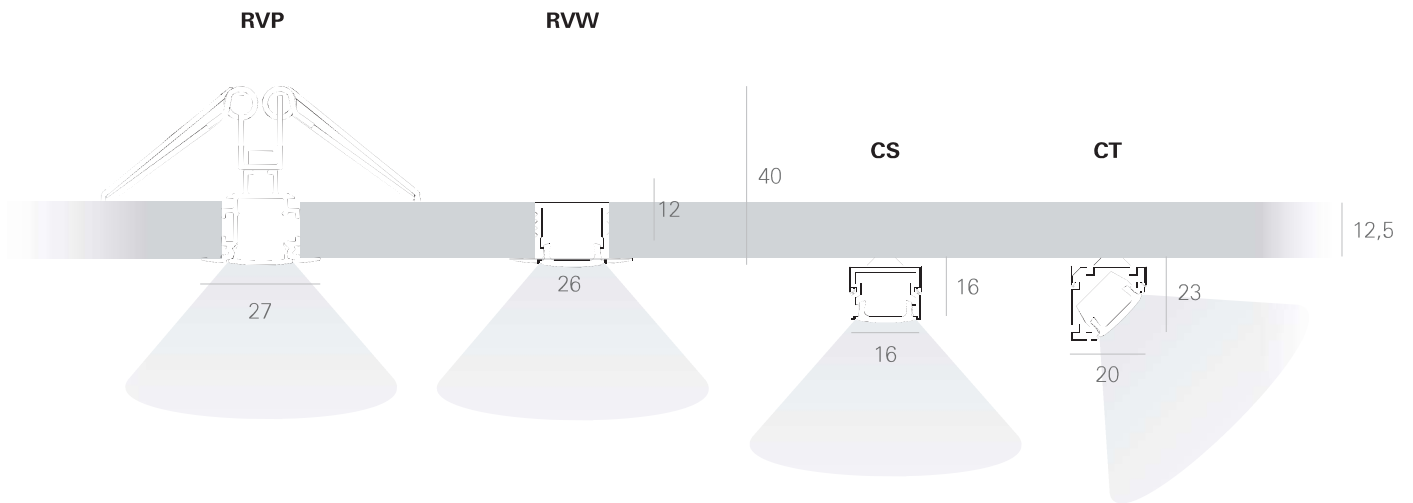
Installation: Recessed ceiling with visible trim (RV), Ceiling mounted (C). **Light source:** High-flux PCB LED modules or high-flux LED strip (CRI > 80, MacAdam ≤ 3). 50.000h L80 B10 (PCB) and 30000h L70 B10 (LED strip). **Optic:** Opal satin polycarbonate diffuser (SOP) for all modules. Narrow and wide optic lens only for CR profile version. **Body:** Extruded aluminium profile, powder coated. **Control gear:** Constant voltage driver - order separately. **IP protection:** 40. **Complete with:** Mounting brackets for all surface versions.

Montagewijze: Inbouw met zichtbare rand (RV), Opbouw (C). **Lichtbron:** High-flux PCB LED-modules of high-flux LED-strip (CRI > 80, MacAdam ≤ 3). 50.000 uur L80 B10 (PCB) en 30000 uur L70 B10 (LED-strip). **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP) voor alle modules. Smalle en brede optische lens alleen voor CR-profielversie. **Behuizing:** Gepoedercoat aluminium extrusie profiel. **Voeding:** Constante spanningsgestuurde driver - afzonderlijk bestellen. **IP:** 40. **Voorzien van:** Montagebeugels.

Montage: Encastré Plafond bord visible (RV), Plafonnier (C). **Source de luminaire:** Modules LED à flux élevé ou LED haute rendement (CRI > 80, MacAdam ≤ 3). 50.000h L80 B10 (PCB) et 30000h L70 B10 (bande LED). **Optique:** Diffuseur en polycarbonate opaque satiné (SOP) pour tous les modules. Lentille optique étroite et large uniquement pour la version de profilé CR. **Corps:** Profil en aluminium extrudé, revêtu par poudre. **Platine:** Driver à tension constante - à commander séparément. **Indice IP:** 40. **Livre avec:** Supports de montage pour toutes les versions de surface.

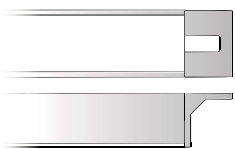
Wide range, widest possibilities

The smallest size for almost invisible installation



Installation possibilities

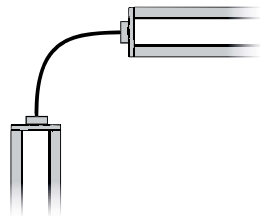
Models that fit standard plaster ceiling heights



Installation in the furniture

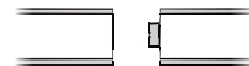
Different end cap sets* are available for installation into the furniture.

*Only available for CS model.



Flexible compositions for RVP

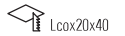
For all creative compositions with corner installations or other shapes, a Line connector with wire (5 cm) is available. See Accessories for the article number.



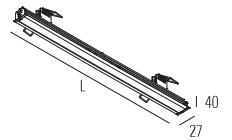
Linear installations with quick connection for RVP

All modules are fitted with quick connectors enabling to connect multiple products in a linear composition smooth, fast and easy.

Lineled RVP SOP



LUMEN OUTPUT	POWER	L (mm)	WEIGHT (kg)	ARTICLE NO
Versions with 24V PCB modules 1500 lm/m				3000K
370 lm	5W	500	0,2	19284s3054y
440 lm	6W	600	0,2	19284s3064y
740 lm	10W	1000	0,3	19284s3104y
1100 lm	14W	1500	0,5	19284s3154y
1500 lm	19W	2000	0,6	19284s3204y
1850 lm	24W	2500	0,8	19284s3254y
Versions with 24V PCB modules 2700 lm/m				
660 lm	8W	500	0,2	19284s4054y
790 lm	10W	600	0,2	19284s4064y
1300 lm	17W	1000	0,3	19284s4104y
2000 lm	25W	1500	0,5	19284s4154y
2650 lm	34W	2000	0,6	19284s4204y
3300 lm	42W	2500	0,8	19284s4254y

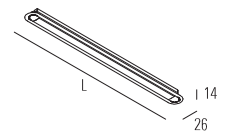


- Constant voltage driver must be ordered separately. Power consumption data refer to lighting fixture without the driver.
- Same product can be used as the individual fixture or line system. Fixture dimensions in upper table do not include end caps. Additional 12 mm need to be added to final system length. Cut-out length is 2 mm shorter than complete length with end-caps.

Lineled RVW SOP



LUMEN OUTPUT	POWER	L (mm)	Lco (mm)	WEIGHT (kg)	ARTICLE NO
Versions with LED strip 800 lm/m					3000K 4000K
190 lm	4W	542	534	0,2	192813105zy 192814105zy
220 lm	5W	642	634	0,3	192813106zy 192814106zy
370 lm	8W	1042	1034	0,3	192813110zy 192814110zy
560 lm	13W	1542	1534	0,5	192813115zy 192814115zy
740 lm	17W	2042	2034	0,6	192813120zy 192814120zy
930 lm	21W	2542	2534	0,8	192813125zy 192814125zy
Versions with LED strip 1600 lm/m					
360 lm	7W	542	534	0,2	192813205zy 192814205zy
440 lm	8W	642	634	0,3	192813206zy 192814206zy
730 lm	14W	1042	1034	0,3	192813210zy 192814210zy
1100 lm	20W	1542	1534	0,5	192813215zy 192814215zy
1450 lm	27W	2042	2034	0,6	192813220zy 192814220zy
1800 lm	34W	2542	2534	0,8	192813225zy 192814225zy

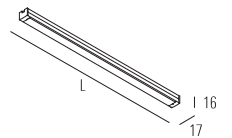


- Constant voltage driver must be ordered separately. Power consumption data refer to lighting fixture without the driver.

Lineled CS SOP



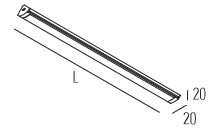
LUMEN OUTPUT	POWER	L (mm)	WEIGHT (kg)	ARTICLE NO
Versions with LED strip 800 lm/m				3000K 4000K
190 lm	4W	517	0,2	192822105zy 192823105zy
220 lm	5W	617	0,3	192822106zy 192823106zy
370 lm	8W	1017	0,3	192822110zy 192823110zy
560 lm	13W	1517	0,5	192822115zy 192823115zy
740 lm	17W	2017	0,6	192822120zy 192823120zy
930 lm	21W	2517	0,8	192822125zy 192823125zy
Versions with LED strip 1600 lm/m				
360 lm	7W	517	0,2	192826105zy 192827105zy
440 lm	8W	617	0,3	192826106zy 192827106zy
730 lm	14W	1017	0,3	192826110zy 192827110zy
1100 lm	20W	1517	0,5	192826115zy 192827115zy
1450 lm	27W	2017	0,6	192826120zy 192827120zy
1800 lm	34W	2517	0,8	192826125zy 192827125zy



- Constant voltage driver must be ordered separately. Power consumption data refer to lighting fixture without the driver.

Lineled CT SOP

LUMEN OUTPUT	POWER	L (mm)	WEIGHT (kg)	ARTICLE NO	
Versions with LED strip 800 lm/m				3000K	4000K
190 lm	4W	517	0,2	192833105zy	192834105zy
220 lm	5W	617	0,3	192833106zy	192834106zy
370 lm	8W	1017	0,3	192833110zy	192834110zy
560 lm	13W	1517	0,5	192833115zy	192834115zy
740 lm	17W	2017	0,6	192833120zy	192834120zy
930 lm	21W	2517	0,8	192833125zy	192834125zy
Versions with LED strip 1600 lm/m					
360 lm	7W	517	0,2	192833205zy	192834205zy
440 lm	8W	617	0,3	192833206zy	192834206zy
730 lm	14W	1017	0,3	192833210zy	192834210zy
1100 lm	20W	1517	0,5	192833215zy	192834215zy
1450 lm	27W	2017	0,6	192833220zy	192834220zy
1800 lm	34W	2517	0,8	192833225zy	192834225zy



Driver options

TYPE	TYPE	CUT-OUT DIM	ARTICLE NO
Driver 20W 24V active PFC	FO	60 mm	702120008
Driver LC 60W 24V FO	FO	55 mm	702120244
Driver LCA 60W 24V DALI	DALI	55 mm	702120242
Driver LC 100W 24V	FO	55 mm	702120245
Driver LCA 100W 24V DALI	DALI	55 mm	702120202



Accessories

TYPE	ARTICLE NO
Lineled CS end cap set for screw or glue fixation (Z2 & Z3)	1928000010y
Cove-Edge supply wire with female connector L=200 mm	19400011110
Cove-Edge supply wire with male connector L=200 mm	19400011310
Cove-Edge supply wire with female connector L=1500 mm	19400011120
Cove-Edge supply wire with male connector L=1500 mm	19400011320
Cove-Edge line connector with wire L=50 mm	19400011210
Cove 12 recessed round end-cap set	1940001210y

⚠ Each individual or line system require supply wire with connector. Valid for Lineled RVP only.

ⓘ Linear line connection doesn't require accessory, except when connecting over the corner. In that case, line connector with wire is required.
Valid for Lineled RVP only.

Select your preferred option

For detailed explanations see technical pages.

LED colour	s	Fixture type	z	Colour	y
824	7	Individual	0	White	1
827	2	Line	4	Black	2
830	3	(only for LED strip versions)			
840	4				

As bright as a sunny day

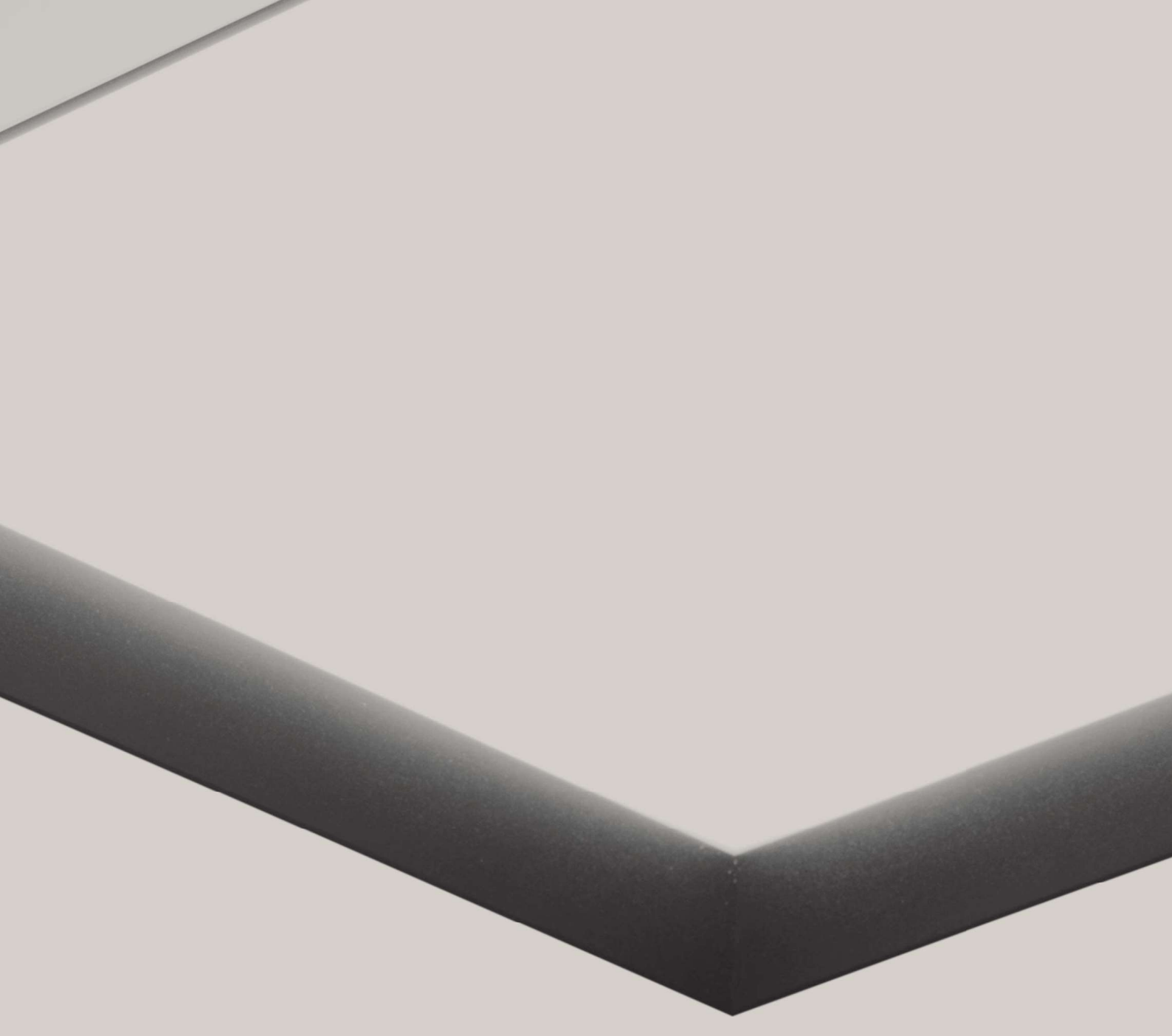
Daylight changes, activities change in a place that (almost) never change. Uniform but dynamic lighting goes further. It boosts energy, creating the feeling of a perfect day.

NL

Daglicht verandert, activiteiten veranderen, maar de ruimte blijft (bijna) altijd hetzelfde. Uniforme, maar dynamische verlichting beweegt met u mee. Het wekt energie op en geeft u het gevoel van een zalige dag.

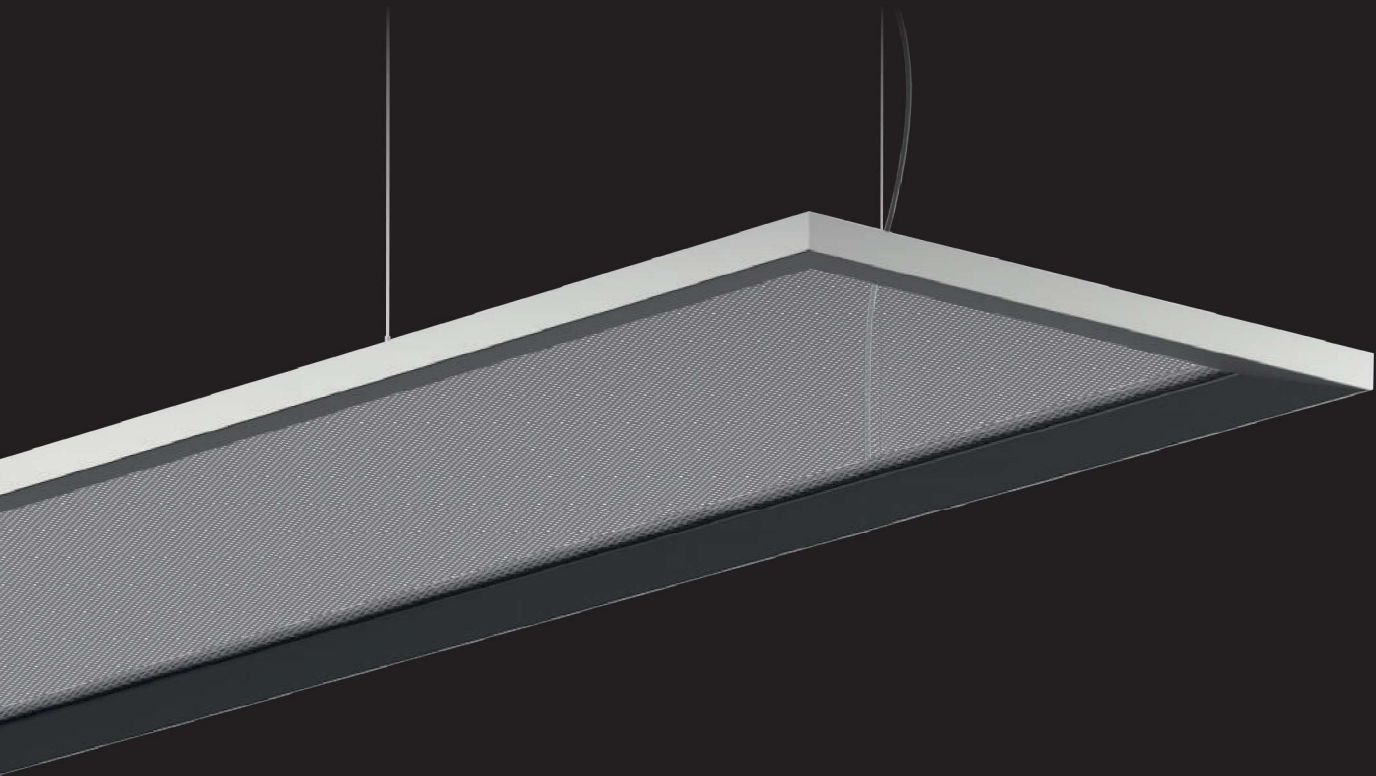
FR

La lumière du jour change, les activités changent dans un lieu qui ne change (presque) jamais. Un éclairage uniforme mais dynamique permet d'aller plus loin. Il stimule l'énergie, en créant l'impression d'une journée parfaite.



general

>



Skyler

The sky is the limit

Great design is transparent

Forget about boring office lights that reveal everything within one look! Here's Skyler and it's here to surprise! The first thing to wow is its see-through diffuser; invisible when the light is OFF, creating high visual comfort when the light is ON. And that's not the only thing that's beautiful. With its black and white frame colour combination and thinness, it's a true designer's piece, light years away from common office lighting solutions.

Because it's the insight that counts, Skyler boasts the perfect combination of indirect and direct lighting, not only creating a feeling of spaciousness but also providing high-quality task illumination without any glare. Its additional options are an RGB or tunable white ambient illumination, that are intended to spice up the space.

Fantastisch design is transparant

Vergeet de saaie kantoorlampen die alles onthullen! Hier is Skyler en hij is hier om te verrassen! De eerste verrassing is de doorkijk-diffuser; die onzichtbaar is als de lamp UIT staat en een hoog visueel comfort creëert als de lamp AAN is. En dat is niet het enige dat prachtig is. Met de zwarte en witte kleurencombinatie van het frame en de slankheid is het een echt designerstuk, lichtjaren verwijderd van de gewone verlichtingsoplossingen op kantoren.

Omdat het inzicht is dat telt, boogt Skyler op de perfecte combinatie van indirecte en directe verlichting, waarbij hij niet alleen een gevoel van ruimtelijkheid creëert, maar ook een werkverlichting van hoge kwaliteit verschaft, zonder enige schittering. Zijn additionele opties zijn een RGB of te tunen witte omgevingsverlichting die bedoeld is om de ruimte op te peppen.

Le grand design est transparent

Oubliez les lumières de bureau qui apparaissent au premier regard ! Voici Skyler, le luminaire qui vous surprendra! La première chose surprenante est son diffuseur transparent. Il est invisible lorsque la lumière est éteinte, ce qui crée un confort visuel élevé lorsque la lumière est allumée. Et ce n'est pas tout ce qu'il offre d'intéressant. Avec sa combinaison de couleurs noir et blanc et sa faible épaisseur, c'est une véritable pièce de designer, à des années-lumière des solutions d'éclairage de bureau.

Parce que c'est l'idée qui compte, Skyler offre la combinaison parfaite d'un éclairage indirect et direct, ce qui crée non seulement une sensation d'espace, mais également un éclairage de travail de haute qualité sans éblouissement. Disponibles en options en éclairage d'ambiance RGB ou blanc dynamique afin de pimenter l'espace.





- ∧ Open plan office, low glare task lighting
- > Open plan office, indirect RGB night scenario
- ∨ Open plan office, daylight, transparent luminaires appearance



SKYLER

SDI

Direct-indirect

SDI-A

Direct-indirect with additional indirect TW or RGB

Light output

Lighting fixture	6660 lm	6600 - 9700 lm**
DLOR / ULOR	60% / 40%	40% / 60%**
Light source	9900 lm	9900 - 15600 lm**

Efficacy

Lighting fixture	107 lm/W	-
Light source	162 lm/W	-

LED Colour

830 / 840	830 / 840 / RGB* / TW*
-----------	------------------------

UGR class

UGR < 19	UGR < 19
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Driver

DALI-TD	DALI-TD
---------	---------

Separate switching

•

•

Colour finish



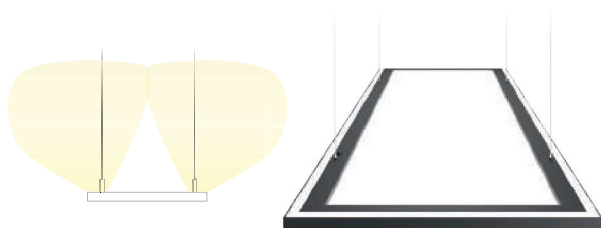
* only for additional indirect component

**data include TW indirect component

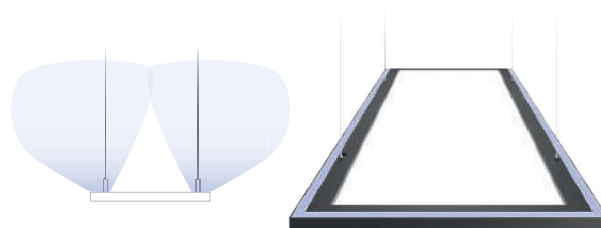
Additional indirect component

Creates atmosphere by delivering light in lower brightness and by adding colour to light.

Indirect Tunable White

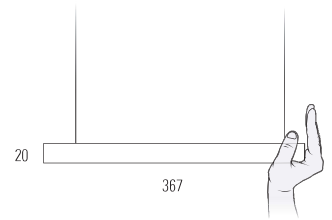


Indirect RGB



Skyler SDI

Suspended direct-indirect



Features

Light output: 6600 - 9700 lm

Colours: **1** **2** **6** **8**



230V
50Hz



Installation: Suspended (S). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10 for direct light. RGB or tunable white LED strip for ambient light. **Light distribution:** Direct / Indirect. **Optic:** Acrylic (PMMA) light guide plate (LGP). **Body:** Extruded aluminium body and frame, powder coated. **Control gear:** Constant voltage driver - order separately. RGB component require external driver and controller - order separately. **IP protection:** 20. **Complete with:** Pre-fitted 1,5 m long 2-pole cable and cord suspension, 3 m and 5 m cable and cord suspension available on request. (7-pole transparent cable for TW and RGB indirect version).

Montagewijze: Gependeld (S). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10 voor direct licht, RGB of tunable-white LED-strip voor omgevingslicht. **Lichtverdeling:** Direct/ Indirect. **Optiek:** Acryl (PMMA) lichtgeleiderplaat (LGP). **Behuizing:** Gepoedercoat aluminium extrusie profiel (behuizing en omlijsting). **Voeding:** Constante spanningsgestuurde driver - afzonderlijk bestellen. RGB-component vereist extern stuurprogramma en controller - afzonderlijk bestellen. **IP:** 20. **Voorzien van:** Voorgemonteerde 1,5 m lange 2-polige kabel en kabelophanging. 3 m en 5 m kabel en kabelophanging beschikbaar op aanvraag. (7-polige transparante kabel voor indirecte versie TW en RGB).

Montage: Suspension (S). **Source de luminaire:** Modules haut rendement PCB LED, puissance moyenne SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10 pour éclairage direct. Bande LED RGB ou blanche réglable pour la lumière ambiante. **Eclairage:** Direct/ Indirect. **Optique:** Plaque guide de lumière acrylique (PMMA) (LGP). **Corps:** Corps et cadre en aluminium extrudé, revêtement par poudre. **Platine:** Driver à tension constante - à commander séparément. Le composant RGB nécessite un pilote externe et un contrôleur - à commander séparément. **Indice IP:** 20. **Livre avec:** Suspension pré-équipée de 1,5 m de longueur avec câble 2 pôles. Suspension de câble et cordon de 3 m et 5 m disponible sur demande. (Câble transparent à 7 pôles pour les versions indirectes TW et RGB).

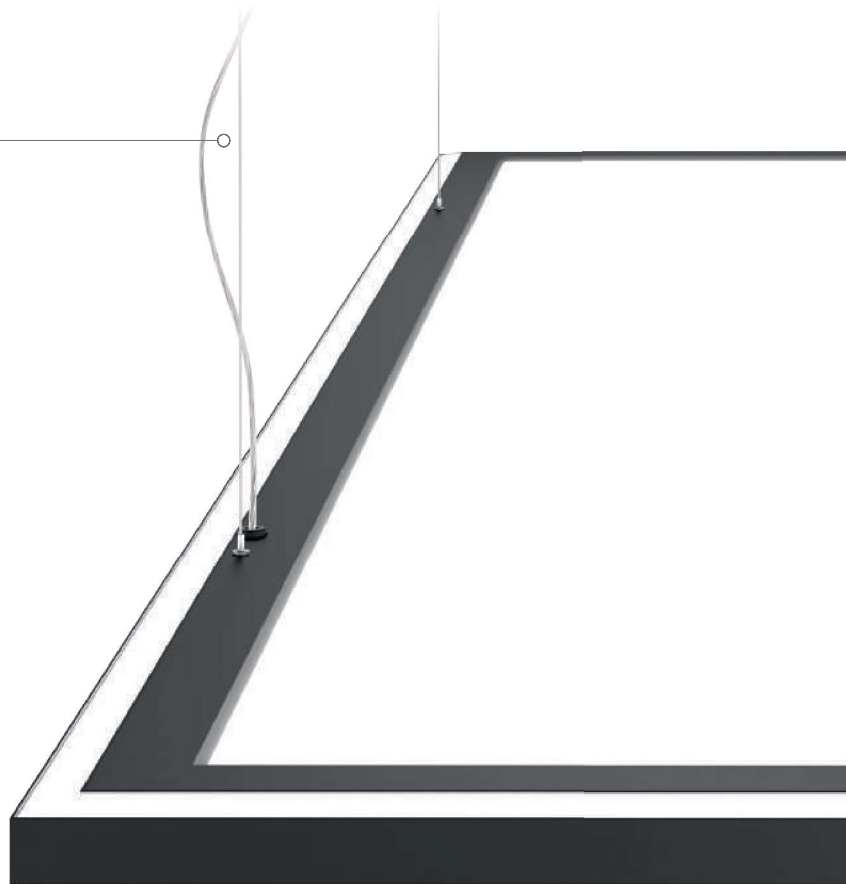
The future is in personalization

Get all you need in one luminaire; use a combination of direct and indirect illumination

Ceiling cup and suspension set

All Skyler versions are supplied with DALI drivers. In case of flat ceiling cup they must be mounted remotely in the ceiling. For concrete ceilings the version with integrated driver is more suitable.

Two different suspensions are available – four straight wires or two Y wire suspensions in different length (1,5m or 3m).



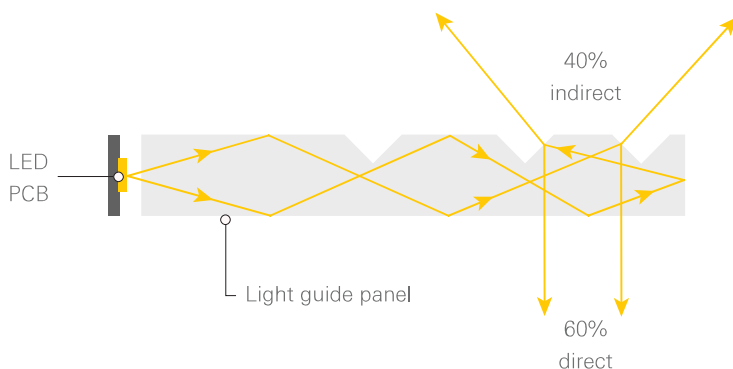
Dual frame colour

One luminaire, two colours. Choose your preferred combination.



Light guide panel

Provides uniform and homogenous light output; indirectly in a batwing and de-glared downlight.



No glare, no headache

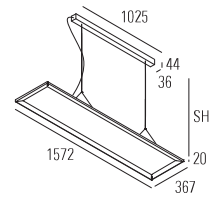
Combination of indirect and direct illumination prevents glare effect on any kind of displays.



Skyler SDI - Y suspension and driver integrated into ceiling cup



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	SH (mm)	ARTICLE NO	
Version with central DI illumination only					3000K	4000K
6600 lm	62W	DALI	7,5	1500	1670111203yw	1670111303yw
6600 lm	62W	DALI	7,5	3000	1670111204yw	1670111304yw
Version with additional TW indirect illumination						
6600+3100 lm	62+56W	DALI	7,7	1500	1670111253yw	1670111353yw
6600+3100 lm	62+56W	DALI	7,7	3000	1670111254yw	1670111354yw
Version with additional RGB indirect illumination						
6600+3100 lm	62+56W	DALI	7,7	1500	1670111243yw	1670111343yw
6600+3100 lm	62+56W	DALI	7,7	3000	1670111244yw	1670111344yw

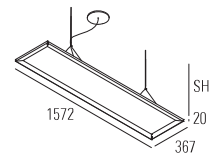


⚠ Drivers for all LED modules are DALI and are integrated in the ceiling cup. Separate switching is enabled.

Skyler SDI - Y suspension and flat ceiling cup



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	SH (mm)	ARTICLE NO	
Version with central DI illumination only					3000K	4000K
6600 lm	62W	DALI	6,7	1500	1670121203yw	1670121303yw
6600 lm	62W	DALI	6,7	3000	1670121204yw	1670121304yw
Version with additional TW indirect illumination						
6600+3100 lm	62+56W	DALI	6,9	1500	1670121253yw	1670121353yw
6600+3100 lm	62+56W	DALI	6,9	3000	1670121254yw	1670121354yw
Version with additional RGB indirect illumination						
6600+700 lm	62+46W	DALI	6,9	1500	1670121243yw	1670121343yw
6600+700 lm	62+46W	DALI	6,9	3000	1670121244yw	1670121344yw



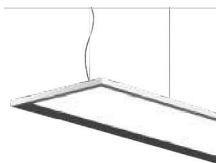
⚠ The luminaire is fitted with DALI drivers for all LED modules. Drivers need to be installed remotely in the ceiling or service hatch. Separate switching is enabled.

Select your preferred option

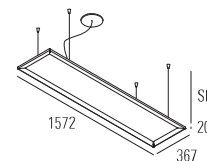
For detailed explanations see technical pages.

Frame colour	y	Body colour	w	Options on request	Suffix
White	1	White	1	Ceiling cup colour*	White (C1), Black (C2)
Black	2	Black	2		
Silver aluminium	6				
Corten	8				

Skyler SDI - straight suspension and flat ceiling cup



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	SH (mm)	ARTICLE NO	
Version with central DI illumination only					3000K	4000K
6600 lm	62W	DALI	6,7	1500	1670121201yw	1670121301yw
6600 lm	62W	DALI	6,7	3000	1670121202yw	1670121302yw
Version with additional TW indirect illumination						
6600+3100 lm	62+56W	DALI	6,9	1500	1670121251yw	1670121351yw
6600+3100 lm	62+56W	DALI	6,9	3000	1670121252yw	1670121352yw
Version with additional RGB indirect illumination						
6600+700 lm	62+46W	DALI	6,9	1500	1670121241yw	1670121341yw
6600+700 lm	62+46W	DALI	6,9	3000	1670121242yw	1670121342yw




 The luminaire is fitted with DALI drivers for all LED modules. Drivers need to be installed remotely in the ceiling or service hatch. Separate switching is enabled.

Select your preferred option

For detailed explanations see technical pages.

Frame colour	y	Body colour	w	Options on request	Suffix
White	1	White	1	Ceiling cup colour*	White (C1), Black (C2)
Black	2	Black	2		
Silver aluminium	6				
Corten	8				

 *By default ceiling cup comes in the same colour as the body. On request white or black ceiling cup colour is available.



Tol

Mobile and personal

A stand alone, installation-free luminaire.

It brings light and electrical plugs directly to the table. It's robust yet still flexible enough to quickly fit in with the existing table arrangements, ready to start right away.

It's suitable for a single or double table setting, where the direct and indirect illumination is regulated separately. It brings uniformity, efficiency and a high visual comfort to the working environment. The presence sensor automatically switches it on or off.

Een vrijstaand armatuur, montage is niet nodig.

Tol brengt licht en stekkers rechtstreeks naar de tafel. Het is robuust, maar toch voldoende flexibel om snel ingepast te worden in de bestaande tafelopstellingen. Direct klaar voor gebruik.

Dit armatuur is geschikt voor een enkele of dubbele opstelling, waarbij de directe en indirecte verlichting apart geregeld kan worden. Het zorgt voor uniformiteit, efficiëntie en een hoog visueel comfort op de werkplek. De aanwezigheidssensor schakelt de lamp automatisch aan en uit.

Un luminaire individuel sans montage.

Ce luminaire apporte la lumière et les prises électriques directement sur la table. Il est robuste tout en restant suffisamment flexible pour s'adapter aux agencements de table existants, prêt à fonctionner immédiatement.

Il convient aux configurations à une ou deux tables, où les éclairages direct et indirect sont réglés séparément. Il apporte à l'environnement de travail de l'uniformité, de l'efficacité et un confort visuel élevé. Le détecteur de mouvement allume et éteint automatiquement la lumière.



Tol F




Free standing



Features

Light output: 3800 - 5800 lm Colours: 1 2



230V
50Hz   

Installation: Floor standing (F). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Light distribution:** Direct / Indirect. **Optic:** Soft-light prismatic polycarbonate optics (DPR) for direct light and opal blend polycarbonate diffuser (SOP) for indirect light. **Body:** Extruded aluminium profile, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI sensor, TD). **IP protection:** 20. **Complete with:** Switch/push button for light management, integrated power supply and UTP outlet, daylight and presence sensor.

Montagewijze: Vloer (F). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Lichtverdeling:** Direct/Indirect. **Optiek:** Soft-light prismatic polycarbonaat afscherming (DPR) voor directe licht en opaalachtig polycarbonaat (SOP) voor indirect licht. **Behuizing:** Gepoedercoat aluminium extrusie profiel. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of dimbaar (DALI-sensor, TD). **IP: 20. Voorzien van:** Schakelaar / drukknop voor lichtsturing, geïntegreerde voeding en UTP-uitgang, daglicht en aanwezigheidssensor.

Montage: Lampadaire (F). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤ 3 , 50.000h, L80 B10. **Eclairage:** Direct/ Indirect. **Optique:** Optique prismatique en polycarbonate (DPR) à lumière douce pour diffuseur en polycarbonate à lumière directe et opale (SOP) pour lumière indirecte. **Corps:** Profil en aluminium extrudé, revêtu par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-sensor-TD) **Indice IP: 20. Livre avec:** Interrupteur / bouton-poussoir pour la gestion de la lumière, alimentation intégrée nad UTP sortie, lumière du jour et capteur de présence.

A stand-alone, installation free luminaire

Suitable for a flexible space arrangement

Light sensor with presence detector
Light sensor automatically dims the luminaire depending on the amount of general light that is available in the space. Presence detector automatically switches the luminaire on and off, depending on the presence of people at the workstation

Indirect light
Always with satin opal diffuser (SOP)

Create ideal workspace conditions
Amount of uplight and downlight can be adjusted separately

- Sensor version touch - direct + indirect light
- FO version switch 1 - direct light, switch 2 - indirect light
- TD version touch 1 - direct light, touch 2 - indirect light

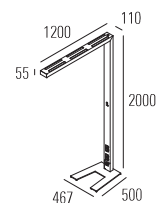
Superb lighting quality
Micro-prismatic optic (MPR) guarantees glare-free light

USB Charger

Brings electricity and the network to the workspace
Mains sockets
UPS power sockets
CAT5

Tol F DI MPR

LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	3000K	4000K
Direct+indirect					
1650+2150 lm	31W	FO, TD, sensor	26	18261x1wz0y	18261x2wz0y
2600+3200 lm	49W	FO, TD, sensor	26	18261x3wz0y	18261x4wz0y



Select your preferred option
For detailed explanations see technical pages.

Driver	x	Power plug-in	w	Network plug-in	z	Body colour	y
FO - fixed output	4	without	0	without	0	White	1
TD - touch dim	1	2x sockets	1	1x CAT5	1	Black	2
Sensor	2	4x sockets	2	2x CAT5	2		
		2+2x sockets (2x UPS)	3	2x USB	3		
				1x CAT5 + 2x USB	4		



Taro

Office comfort

500 lux is just the base for a great working environment.

Success comes with a connected team and the right collaboration. Lighting can improve the well-being and contribute to a pleasant working environment, reaching high visual comfort, glare control and efficiency.

The illuminated surfaces enable the perception of brightness. With the direct-indirect illumination, high uniformity is obtained, resulting in outstanding comfort in the office.

500 lux is dé basis voor de ideale werkomgeving.

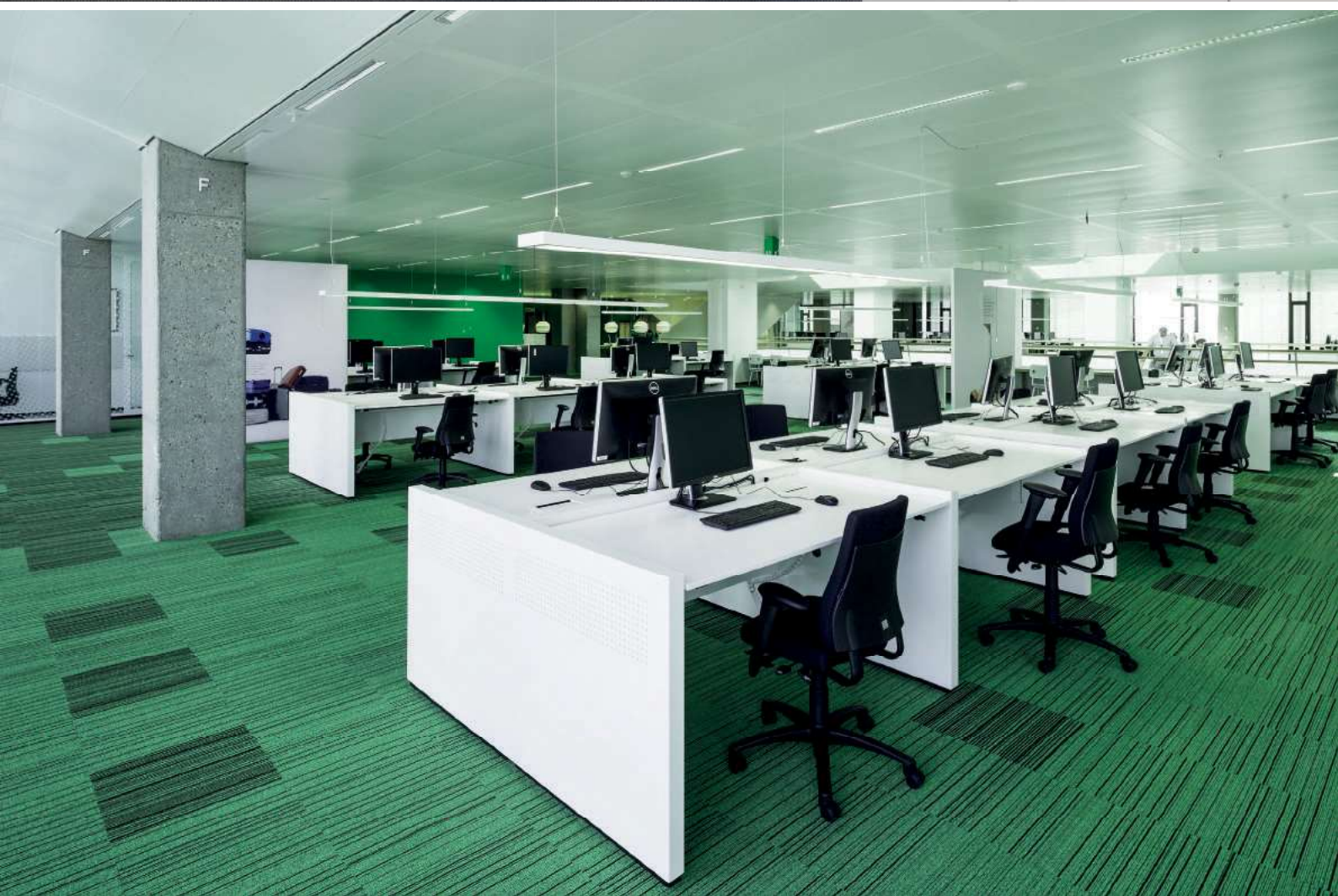
Succes is het resultaat van een hecht team en de juiste samenwerking. Verlichting kan het welzijn van medewerkers verbeteren en een gunstige invloed hebben op de werkomgeving.

De verlichte oppervlakten brengen een gevoel van helderheid binnen in de ruimte. Het direct-indirect licht zorgt voor een goede efficiëntie, een hoog visueel comfort en geringe reflectie.

500 lux, la base de tout bon environnement de travail.

Les succès naissent des équipes bien soudées et des bonnes collaborations. L'éclairage peut renforcer le bien-être et contribuer à créer un environnement de travail agréable, en offrant un niveau de confort visuel élevé, un bon contrôle de l'éblouissement, et une excellente efficacité.

Les surfaces éclairées donnent une impression de luminosité. L'éclairage direct-indirect permet d'obtenir une grande uniformité qui apporte un confort extraordinaire dans le bureau.







TARO

C
Ceiling

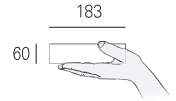
SDI
Suspended direct-indirect

F
Stand-alone

	C	SDI	F
Diffuser	SOP, MPR	SOP, MPR	DPR
Light output			
Lighting fixture	2400 - 4500 lm	3800 - 6550 lm	6200 - 8500 lm
DLOR / ULOR	-	70% / 30%	50% / 50%
Light source	3450 - 6000 lm	5150 - 8440 lm	7440 - 10200 lm
Efficacy			
Lighting fixture	up to 100 lm/W	up to 115 lm/W	up to 131 lm/W
Light source	up to 190 lm/W	up to 190 lm/W	up to 190 lm/W
LED colour	830 / 840	830 / 840	830 / 840
UGR class	-	UGR<19	UGR<19
Driver	FO, DALI-TD	FO, DALI-TD	FO, DALI-TD
Sensor	IQ	IQ	IQ
Colour finish	1 2	1 2	1 2

Taro C / SDI

Ceiling / Suspended direct-indirect



Features

Light output: 2400 - 6550 lm

Colours: **1** **2**



230V
50Hz



Installation: Ceiling mounted (C), Suspended (S). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Light distribution:** Direct, Direct / Indirect (SDI). **Optic:** Satin opal polycarbonate diffuser (SOP), Micro prismatic polycarbonate diffuser (MPR). **Body:** Extruded aluminium profile, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **Sensor:** IQ sensor for DALI driver. **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 40 (C), 20 (SDI). **Complete with:** Adjustable cord suspension and pre-fitted 1,5 m long power cable. 3 m and 5 m suspension available on request (S version).

Montagewijze: Opbouw (C) , Gependeld (S). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Lichtverdeling:** Direct, Direct/Indirect (SDI). **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP), Micro prismatische polycarbonaat optiek (MPR). **Behuizing:** Gepoedercoat aluminium extrusie profiel. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali TouchDim dimbaar (DALI-TD). **Sensor:** IQ-sensor voor DALI-stuurprogramma. **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 40 (C), 20 (SDI). **Voorzien van:** Verstelbare kabelophanging en voorgemonteerde 1,5 m lange stroomkabel. Ophanging van 3 m en 5 m verkrijgbaar op aanvraag (S-versie).

Montage: Plafonnier (C), Suspension (S). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤ 3 , 50.000h, L80 B10. **Eclairage:** Direct, Direct/ Indirect (SDI). **Optique:** Diffuseur polycarbonate opal satiné (SOP), Diffuseur polycarbonate micro prismatic (MPR). **Corps:** Profil en aluminium extrudé, revêtu par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD) **Capteur:** Capteur IQ pour le driver DALI. **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 40 (C), 20 (SDI). **Livre avec:** Suspension réglable et câble d'alimentation pré-équipé de 1,5 m de long. Suspension de 3 m et 5 m disponible sur demande (version S).

High visual comfort, glare control and maximum efficiency

Improving the well-being in the space

Light sensor with presence detector

IQ sensor automatically dims the luminaire depending on the amount of general light that is available in the space. Presence detector automatically switches the luminaire on and off, depending on the presence of people in the workstation

High visual comfort with optimized optics

Satin opal (SOP) for general illumination or controlled luminance with microprismatic (MPR). Indirect module is always with semi transparent PC diffuser



SOP/MPR



Ceiling cup

Comes in the same colour finish as the luminaire



Separate switching or dimming

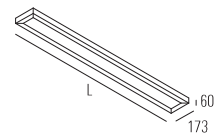
on request

Adjustable position of suspensions for greater flexibility

Taro C



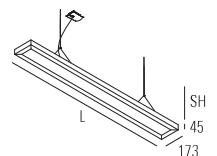
LUMEN OUTPUT	POWER	DRIVER	L (mm)	WEIGHT (kg)	ARTICLE NO	
SOP - satin opal diffuser					3000K	4000K
2400 lm	23W	FO, DALI, IQ SENSOR	1244	4,0	13853x7311y	13853x7321y
3500 lm	33W	FO, DALI, IQ SENSOR	1244	4,0	13853x7331y	13853x7341y
3000 lm	27W	FO, DALI, IQ SENSOR	1544	5,0	13853x7411y	13853x7421y
4300 lm	40W	FO, DALI, IQ SENSOR	1544	5,0	13853x7431y	13853x7441y
MPR - microprismatic diffuser					3000K	4000K
2500 lm	23W	FO, DALI, IQ SENSOR	1244	4,0	13857x7311y	13857x7321y
3600 lm	33W	FO, DALI, IQ SENSOR	1244	4,0	13857x7331y	13857x7341y
3100 lm	27W	FO, DALI, IQ SENSOR	1544	5,0	13857x7411y	13857x7421y
4500 lm	40W	FO, DALI, IQ SENSOR	1544	5,0	13857x7431y	13857x7441y



Taro SDI



LUMEN OUTPUT	POWER*	DRIVER	L (mm)	WEIGHT (kg)	ARTICLE NO	
Direct + indirect						
SOP - satin opal diffuser					3000K	4000K
2400+1400 lm	33W	FO, DALI, IQ SENSOR	1244	4,0	13853x1311y	13853x1321y
3500+2050 lm	49W	FO, DALI, IQ SENSOR	1244	4,0	13853x1331y	13853x1341y
3000+1400 lm	39W	FO, DALI, IQ SENSOR	1544	5,0	13853x1411y	13853x1421y
4300+2050 lm	57W	FO, DALI, IQ SENSOR	1544	5,0	13853x1431y	13853x1441y
MPR - microprismatic diffuser					3000K	4000K
2500+1400 lm	33W	FO, DALI, IQ SENSOR	1244	4,0	13857x1311y	13857x1321y
3600+2050 lm	49W	FO, DALI, IQ SENSOR	1244	4,0	13857x1331y	13857x1341y
3100+1400 lm	39W	FO, DALI, IQ SENSOR	1544	5,0	13857x1411y	13857x1421y
4500+2050 lm	57W	FO, DALI, IQ SENSOR	1544	5,0	13857x1431y	13857x1441y



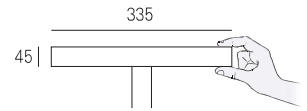
Select your preferred option

For detailed explanations see technical pages.

Driver	x	Colour	y
FO - fixed output	4	White	1
DALI-TD	1	Black	2
IQ SENSOR	0		

Taro F

Stand-alone



Features

Light output: 6200 - 8500 lm Colours: **1** **2**



230V
50Hz



Installation: Floor standing (F). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Light distribution:** Direct / Indirect. **Optic:** Soft-light prismatic polycarbonate optics (DPR) for direct light and transparent glass diffuser for indirect light **Body:** Extruded aluminium profile, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI sensor, TD). **Sensor:** IQ sensor for DALI driver. **IP protection:** 20.

Montagewijze: Vloer (F). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Lichtverdeling:** Direct/Indirect. **Optiek:** Soft-light prismatic polycarbonaatafscherming (DPR) voor direct licht en transparante glazen diffuser voor indirect licht **Behuizing:** Gepoedercoat aluminium extrusie profiel. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of dimbaar (DALI-sensor, TD). **Sensor:** IQ-sensor voor DALI-stuurprogramma. **IP:** 20.

Montage: Lampadaire (F). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤3, 50.000h, L80 B10. **Eclairage:** Direct/ Indirect. **Optique:** Optique prismatique en polycarbonate lumière douce (DPR) pour lumière directe et diffuseur en verre transparent pour lumière indirecte **Corps:** Profil en aluminium extrudé, revêtu par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-sensor-TD) **Capteur:** Capteur IQ pour le driver DALI. **Indice IP:** 20.

A stand-alone, installation free luminaire

Suitable for a flexible space arrangement

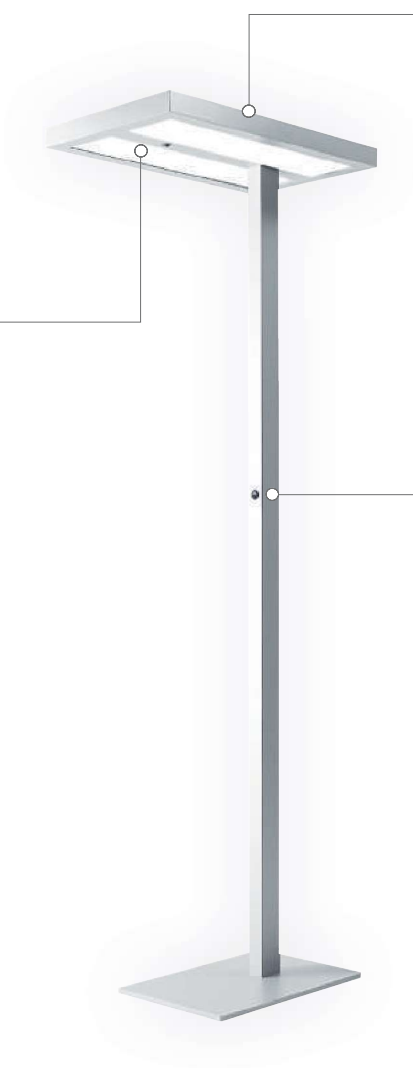
Light sensor with presence detector

Light sensor automatically dims the luminaire depending on the amount of general light that is available in the space. Presence detector automatically switches the luminaire on and off, depending on the presence of people at the workstation

Direct-indirect illumination

Soft-light prismatic polycarbonate diffuser (DPR) for direct light.

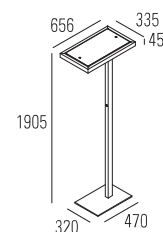
Manual adjustment of light intensity



Taro F



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
Direct + indirect				3000K	4000K
2900+3300 lm	47 W	FO, TD, IQ SENSOR	23,0	13850x4011y	13850x4021y
3900+4600 lm	65 W	FO, TD, IQ SENSOR	23,0	13850x4031y	13850x4041y



Select your preferred option

For detailed explanations see technical pages.

Driver	x	Colour	y
FO - fixed output	4	White	1
TD / DALI - TD	1	Black	2
IQ SENSOR	0		



Miva

All elementary

Clear task, simple decision.

Miva offers a reliable performance with a pleasant general illumination. Direct or asymmetric options provide the right illumination for the classroom or the office.

With an integrated daylight sensor it adapts to the amount of sunlight, adding only the quantity of light that is needed. This not only increases the saving potential but also improves the living comfort in the space.

Heldere taak, makkelijke keuze.

Miva combineert betrouwbare prestaties met een aangename verlichting. De mogelijkheid van direct- of indirect licht zorgt voor de juiste verlichting in een klaslokaal of op kantoor.

Met zijn geïntegreerde daglichtsensor stemt Miva zich af op het aanwezige daglicht en voegt enkel de hoeveelheid licht toe die nodig is. Dit creëert zowel een aangename als een energiezuinige leefomgeving.

Mission claire, décision simple.

Miva offre des performances fiables avec un éclairage général agréable. Les possibilités d'éclairage direct ou asymétrique assurent le bon éclairage de la salle de classe ou du bureau.

Avec son capteur de lumière intégré, il s'adapte à la puissance de la lumière du soleil en n'ajoutant que la quantité de lumière nécessaire. En plus d'accroître les économies d'énergie, ce luminaire améliore le confort de vie dans la pièce.









MIVA

150
HMP

AS 150
Asymmetric

240
HMP

Installation	Ceiling / Suspended	Ceiling / Suspended	Ceiling / Suspended
Light output			
Lighting fixture	2050 - 4400 lm	2000 - 4200 lm	3400 - 7700 lm
Light source	2820 - 6050 lm	4060 - 8520 lm	4680 - 10600 lm
Efficacy			
Lighting fixture	up to 128 lm/W	up to 84 lm/W	up to 138 lm/W
Light source	up to 180 lm/W	up to 180 lm/W	up to 180 lm/W
LED Colour	830 / 840	830 / 840	830 / 840
Glare Control			
UGR class	UGR < 19	-	UGR < 19
Luminance (at 65°)	L < 200 cd/m ²	-	L < 200 cd/m ²
Driver	FO, DALI-TD	FO, DALI-TD	FO, DALI-TD
Sensor	IQ	-	IQ

Save energy and improve your living comfort

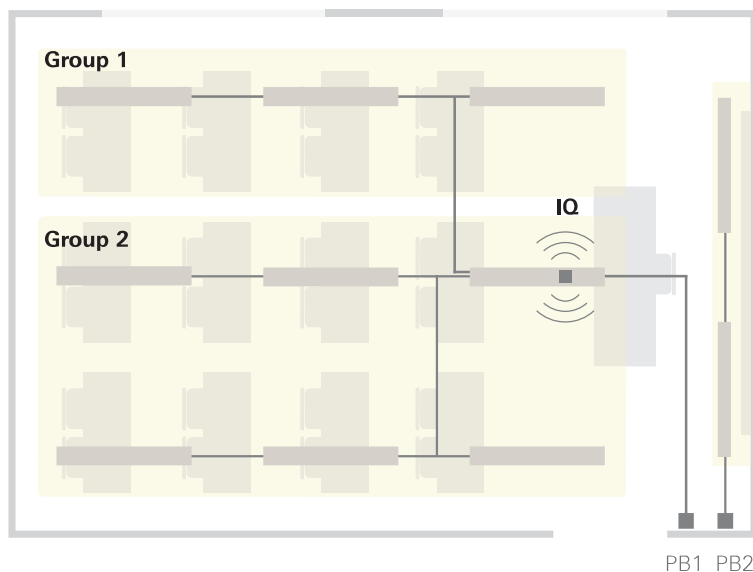
Adapts to the amount of light in the room

Classroom scene default settings

Group 1	Group 2
80% light	100% light

IQ sensor combines presence and light detection with remote control option. IQ controls light level of group 1 and group 2 in accordance to ambient light quantity and offset settings.

PB - push button
IQ - sensor with remote option

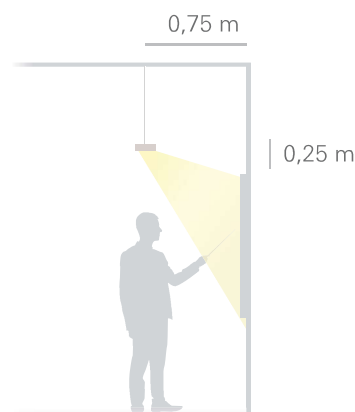


Uniform blackboard illumination



Miva asymmetric

Recommended suspension height is 0,25 meters above the blackboard.



High visual comfort, glare control and maximum efficiency

Light sensor with presence detector

IQ sensor automatically dims the luminaire depending on the amount of general light that is available in the space. Presence detector automatically switches the luminaire on and off, depending on the presence of people in the room.



Optics



HMP
Width 156 mm



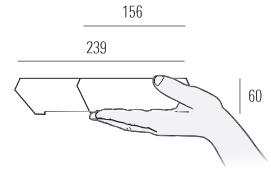
HMP
Width 239 mm



ASYMMETRIC
Width 156 mm

Miva C / S

Ceiling and suspended



< 200
cd/m²

LUMINANCE

Features

Light output: 2000-7700 lm

Colours: 1



230V
50Hz




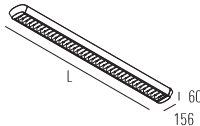
Installation: Ceiling mounted (C), Suspended (S). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Light distribution:** Direct. **Optic:** Satin silver-coated aluminium double parabolic louvre (HMP), Satin aluminium asymmetrical optic (AS). **Body:** Steel-sheet, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **Sensor:** IQ sensor for DALI driver. **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 20. **Accessories** (order separately): Adjustable wire suspension and ceiling cup with power cable available in various lengths.


Montagewijze: Opbouw (C) , Gependeld (S). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Lichtverdeling:** Direct. **Optiek:** Aluminium louvre met satin zilveren coating (HMP), Asymmetrische optiek (AS). **Behuizing:** Gepoedercoat staalplaat. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dalí TouchDim dimbaar (DALI-TD). **Sensor:** IQ-sensor voor DALI-stuurprogramma. **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 20. **Accessoires** (apart te bestellen): Verstelbare draadophanging en plafondkap met stroomkabel verkrijgbaar in verschillende lengtes..


Montage: Plafonnier (C), Suspension (S). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤ 3 , 50.000h, L80 B10. **Eclairage:** Direct. **Optique:** Grille double parabolique en aluminium satiné argenté (HMP), Optique asymétrique en aluminium satiné (AS). **Corps:** Tôle d'acier, revêtement par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD) **Capteur:** Capteur IQ pour le driver DALI. **Bloc de sécurité:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 20. **Accessoires** (à commander séparément): Suspension en fil métallique réglable et la patère avec câble d'alimentation disponible en différentes longueurs..

Miva 150 HMP


	LUMEN OUTPUT	POWER	DRIVER	L (mm)	WEIGHT (kg)	ARTICLE NO	
						3000K	4000K
	2050 lm	16W	FO, DALI, EM 1h	1287	2,5	12532x21z01	12532x22z01
	3500 lm	29W	FO, DALI, EM 1h	1287	2,5	12532x23z01	12532x24z01
	2550 lm	20W	FO, DALI, EM 1h/3h	1587	3,1	12532x31z01	12532x32z01
	4400 lm	36W	FO, DALI, EM 1h/3h	1587	3,1	12532x33z01	12532x34z01

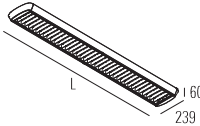
 L 60 156


 Suspension set for pendant version must be ordered separately.


 Fixtures with emergency module are 0,5 kg heavier.

Miva 240 HMP


	LUMEN OUTPUT	POWER	DRIVER	L (mm)	WEIGHT (kg)	ARTICLE NO	
						3000K	4000K
	3400 lm	25W	FO, DALI, EM 1h	1281	2,8	12532x51z01	12532x52z01
	6100 lm	49W	FO, DALI, EM 1h	1281	2,8	12532x53z01	12532x54z01
	4300 lm	31W	FO, DALI, EM 1h/3h	1581	3,5	12532x61z01	12532x62z01
	7700 lm	60W	FO, DALI, EM 1h/3h	1581	3,5	12532x63z01	12532x64z01

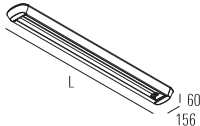
 L 160 239


 Suspension set for pendant version must be ordered separately.


 Fixtures with emergency module are 0,5 kg heavier.

Miva AS 150

	LUMEN OUTPUT	POWER	DRIVER	L (mm)	WEIGHT (kg)	ARTICLE NO	
						3000K	4000K
	2000 lm	24W	FO, DALI	1287	2,5	12535x21001	12535x22001
	3400 lm	46W	FO, DALI	1287	2,5	12535x23001	12535x24001
	2500 lm	30W	FO, DALI	1587	3,1	12535x31001	12535x32001
	4200 lm	56W	FO, DALI	1587	3,1	12535x33001	12535x34001

 L 60 156

 Suspension set for pendant version must be ordered separately.

 Fixtures with emergency module are 0,5 kg heavier.

Accessories

TYPE	ARTICLE NO.
Adjustable Y wire suspension set S10Y2	1000124sh0y
SH ceiling cup transparent cable with 3x0,75 mm ²	1001131sh9y
SH ceiling cup transparent cable with 5x0,75 mm ²	1001132sh9y

Select your preferred option

For detailed explanations see technical pages.

Driver	x	Emergency	x	Sensor	z	Suspension length	sh
FO - fixed output	4	FO EM 1h	7	without	0	1500 mm	15
DALI-TD	1	FO EM 3h	5	IQ sensor	1	3000 mm	30
		DALI EM 1h	2			5000 mm	50
		DALI EM 3h	6				
Colour	y						
White	1						
Black	2						



red dot award
winner lighting design



Ergetic

All in one

Flexible illumination for changing needs.

We are using the same space in many different ways. But what actually changes, when we switch between different activities? Normally nothing.

Ergetic was designed to challenge this fact. It is able to transform a space by changing the illumination and can adapt easily to your needs. By joining together different functions inside one single luminaire, it's a perfect solution for projects, where dynamic and flexible illumination is needed.

Flexibele verlichting voor veranderende behoeften.

We gebruiken eenzelfde ruimte vaak op veel verschillende manieren. Maar wat verandert er daadwerkelijk in de ruimte als we wisselen tussen verschillende activiteiten? Normaal gesproken niets.

Ergetic werd ontworpen om met dit gegeven de uitdaging aan te gaan. Het kan een ruimte transformeren door de verlichting te wijzigen en past zich zo moeiteloos aan uw veranderende behoefte aan. Door verschillende functies in één armatuur samen te brengen, biedt het een perfecte oplossing voor projecten die een dynamische en flexibele verlichting nodig hebben.

Un éclairage flexible pour répondre aux besoins changeants.

Un même espace peut être utilisé de nombreuses manières différentes. Mais qu'est-ce qui change réellement, lorsque nous passons d'une activité à une autre ? Normalement rien.

Ergetic a été conçu pour défier ce fait. Ce produit est capable de transformer un espace en modifiant son éclairage. Il peut s'adapter facilement à vos besoins. En réunissant différentes fonctions à l'intérieur d'un même et unique luminaire, Ergetic est la solution idéale pour les projets qui exigent un éclairage dynamique et flexible.







Concentrated work

Direct light + spotlight



Collaboration and learning

RGB + Spotlight



Events and socializing

RGB



Night light

RGB





ERGETIC RV

DIRECT + RGB

DIRECT + SPOT + RGB

Light output

		DIRECT	SPOT
Lighting fixture	4000 lm / 5600lm	4000 lm / 5600lm	1500 lm / 2000 lm
Light source	5200 lm / 7300 lm	5200 lm / 7300 lm	2143 lm / 2858 lm

Efficacy

Lighting fixture	125 lm/W	125 lm/W	100 lm/W
Light source	180 lm/W	180 lm/W	143 lm/W

LED Colour

Direct	830 / 840 / TW	830 / 840 / TW	830 / 840 / 930 / 940
RGB	•	•	-

Beam angle

	-	-	18° / 28°
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Driver

	FO / DALI-TD	FO / DALI-TD	FO / DALI-TD
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For latest power (W) and efficacy (lm/W) data please refer to the web page.

Light following the user needs

Different illumination possibilities for a multitude of needs



Spotlight



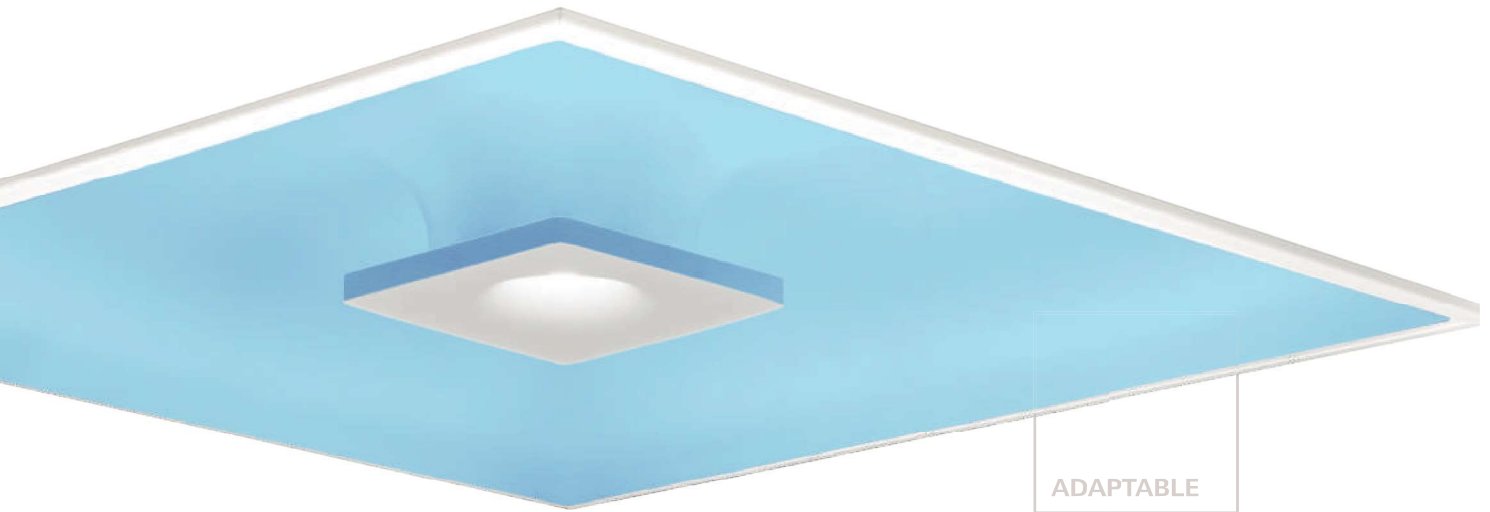
Direct light



RGB ambient light

Ergetic RV

Recessed visible



Features

Light output: 4000 - 5600 lm

Colours: 1



230V
50Hz



Installation: Recessed ceiling with visible trim (RV). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10 for direct light. High-power COB LED module, CRI 85/95, MacAdam ≤ 3 , 50.000h L80 B10 for spot light. RGB LED for ambient light. **Cooling system:** Highly efficient passive cooling heat sink made from extruded aluminium. **Optic:** Opal acrylic diffuser for direct light; highly efficient uniform distribution, metalized polycarbonate with lacquer finish optic for spot light. **Body:** Steel-sheet housing with aluminium frame. **Control gear:** Supplied with highly-efficient driver with fix output (FO) or dimmable (DALI); RGB component require external driver and controller - order separately. **IP protection:** 20. **Complete with:** Mounting kit for false ceiling installation.

Montagewijze: Inbouw met zichtbare rand (RV). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10 voor direct licht. High-power COB LED module, CRI 85/95, MacAdam ≤ 3 , 50.000h L80 B10 voor spotlight. RGB LED strip voor decoratieve verlichting. **Koelsysteem:** Die-cast aluminium hoog efficiënte passieve heatsink. **Optiek:** Opalen acrylafscherming voor direct licht; zeer efficiënte uniforme verdeling, gemetalliseerd polycarbonaat met optische lakafwerking voor spotlicht. **Behuizing:** Gepoedercoat staalplaat met aluminium omlijsting. **Voeding:** Geleverd met zeer efficiënte driver met vaste output (FO) of dimbaar (DALI); RGB-component vereist extern stuurprogramma en controller - afzonderlijk bestellen. **IP:** 20. **Voorzien van:** Montageset voor vals plafondmontage.

Montage: Encastré Plafond bord visible (RV). **Source de luminaire:** Modules haut rendement PCB LED, puissance moyenne SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10 pour éclairage direct. Module haute puissance COB LED, CRI 85/95, MacAdam ≤ 3 , 50.000h L80 B10 pour spot. RGB LED éclairage d'ambiance. **Dispositif de refroidissement:** Refroidissement passif hautement performant avec diffuseur de chaleur en fonte d'aluminium. **Optique:** Diffuseur acrylique opale pour lumière directe; distribution uniforme hautement efficace, polycarbonate métallisé avec optique laquée pour la lumière ponctuelle. **Corps:** Boîtier en tôle d'acier avec cadre en aluminium. **Platine:** Driver inclus haute efficacité avec sortie fixe (FO) ou gradable (DALI); Le composant RVB nécessite un pilote externe et un contrôleur - commander séparément. **Indice IP:** 20. **Livre avec:** Kit de montage pour l'installation de faux plafond.

All in one

Joining different functions inside one single luminaire



Ergetic RV direct + RGB



LUMEN OUTPUT /POWER	DRIVER	L (mm)	Lco	WEIGHT (kg)	ARTICLE NO	
					3000K	4000K
4000 lm 32W	FO, DALI	597	585	5,0	11502x30001	11502x40001
5600 lm 47W	FO, DALI	597	585	5,0	11502x10001	11502x20001
4000 lm 32W	FO, DALI	622	610	5,8	11532x30001	11532x40001
5600 lm 47W	FO, DALI	622	610	5,8	11532x10001	11532x20001
Tunable white 2700-6500K						
5000 lm 43W	DALI	597	585	5,0	11502150001	
5000 lm 43W	DALI	622	610	5,8	11532150001	

i RGB component (6W) require external driver and RGB controller - order separately. Refer to technical pages.

Ergetic RV direct + spot



LUMEN OUTPUT /POWER		DRIVER	ANGLE	L (mm)	Lco	WEIGHT (kg)	ARTICLE NO	
Direct	Spot						3000K	4000K
4000 lm 32W	1500 lm 15W	FO, DALI	18°, 28°	597	585	5,2	11504x31s01	11504x42s01
5600 lm 47W	2000 lm 21W	FO, DALI	18°, 28°	597	585	5,2	11504x11s01	11504x22s01
4000 lm 32W	1500 lm 15W	FO, DALI	18°, 28°	622	610	6,0	11534x31s01	11534x42s01
5600 lm 47W	2000 lm 21W	FO, DALI	18°, 28°	622	610	6,0	11534x11s01	11534x22s01
Tunable white 2700-6500K								
5000 lm 43W	2000 lm 21W	DALI	18°, 28°	597	585	5,2	11504x5zs01	
5000 lm 43W	2000 lm 21W	DALI	18°, 28°	622	610	6,0	11534x5zs01	

Ergetic RV direct + spot + RGB



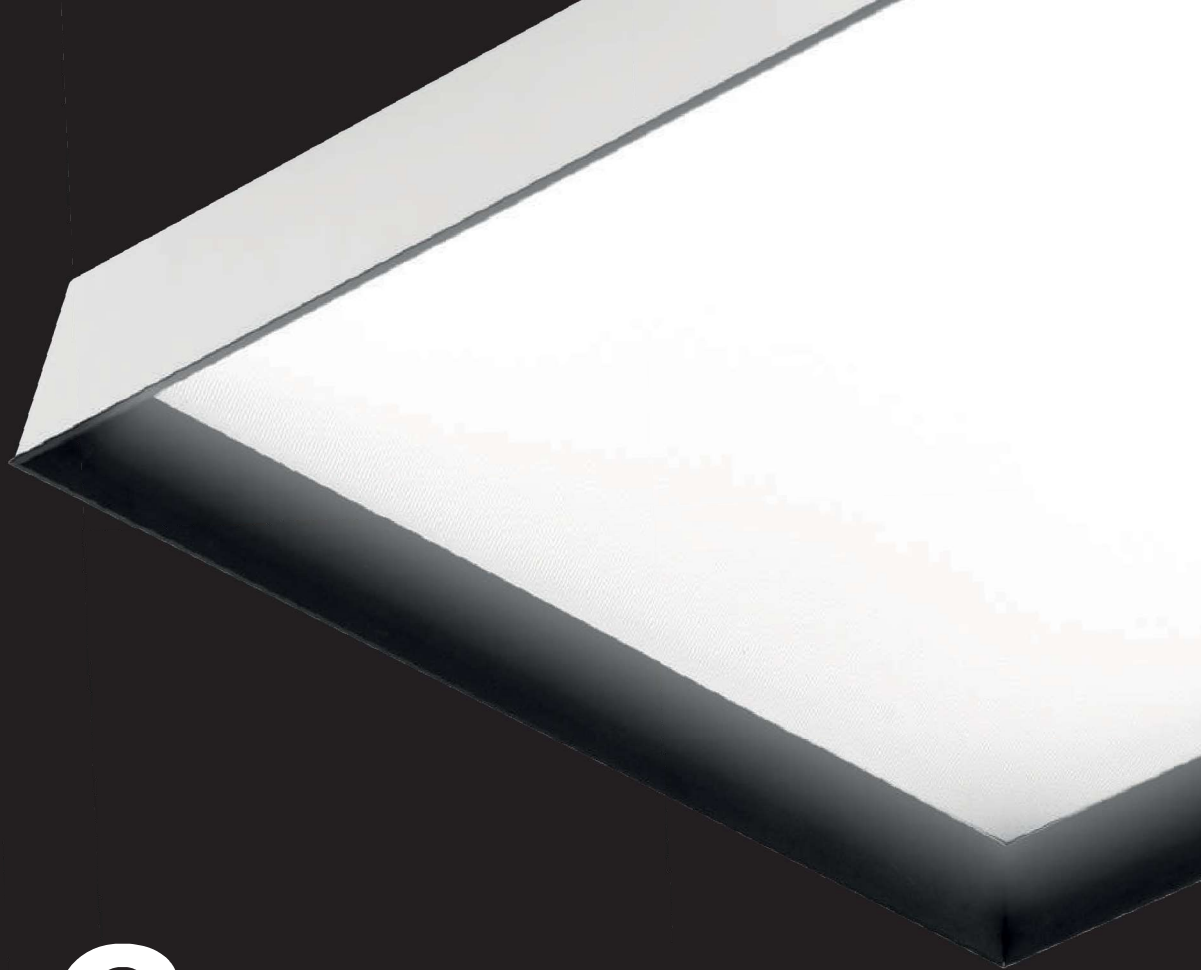
LUMEN OUTPUT /POWER		DRIVER	ANGLE	L (mm)	Lco	WEIGHT (kg)	ARTICLE NO	
Direct	Spot						3000K	4000K
4000 lm 32W	1500 lm 15W	FO, DALI	18°, 28°	597	585	5,2	11505x31s01	11505x42s01
5600 lm 47W	2000 lm 21W	FO, DALI	18°, 28°	597	585	5,2	11505x11s01	11505x22s01
4000 lm 32W	1500 lm 15W	FO, DALI	18°, 28°	622	610	6,0	11535x31s01	11535x42s01
5600 lm 47W	2000 lm 21W	FO, DALI	18°, 28°	622	610	6,0	11535x11s01	11535x22s01
Tunable white 2700-6500K								
5000 lm 43W	2000 lm 21W	DALI	18°, 28°	597	585	5,2	1150515zs01	
5000 lm 43W	2000 lm 21W	DALI	18°, 28°	622	610	6,0	1153515zs01	

i RGB component (6W) require external driver and RGB controller - order separately. Refer to technical pages.

Select your preferred option

For detailed explanations see technical pages.

Driver	x	Optics	s	LED spot colour	z
FO - Fixed output	4	18°	1	830	1
DALI-TD	1	28°	2	840	2
				930	3
				940	4



Canvas

Out of the box

Only Canvas succeeded in de-boxing a light box.

This is a solution for those who want colour, form and function combined in a distinctive and elegant luminaire with a high visual comfort.

By placing the aesthetical accent on the frame, the contrast between lit and non-lit surfaces is softened and the perception of depth is changed. For fixture personalization, colour is introduced, while different sizes allow you to play with a variety of combinations.

Canvas; De lichtbak die erin geslaagd is geen gewone lichtbak meer te zijn.

Met Canvas combineerden we kleur, vorm en functie in een opvallend en elegant armatuur met een hoog visueel comfort.

Door het esthetische accent op het frame te leggen, wordt het contrast tussen verlichte en niet verlichte oppervlakken zachter en ontstaat een andere diepteperceptie. Om een persoonlijke touch aan het armatuur te geven heeft u de keuze uit verschillende kleurstellingen. Met de diverse beschikbare afmetingen kunt u naar hartenlust combinaties samenstellen.

Seul Canvas a réussi à innover en sortant de sa boîte à lumière.

C'est une solution pour ceux qui recherchent la combinaison d'une couleur, d'une forme et d'une fonction dans un luminaire reconnaissable et élégant qui offre un confort visuel élevé.

En mettant en valeur l'esthétique du cadre, le contraste entre les surfaces éclairées et non éclairées est adouci, et l'impression de profondeur est modifiée. Pour personnaliser le luminaire, de la couleur est ajoutée, tandis que les différentes tailles vous permettent de jouer avec diverses combinaisons.

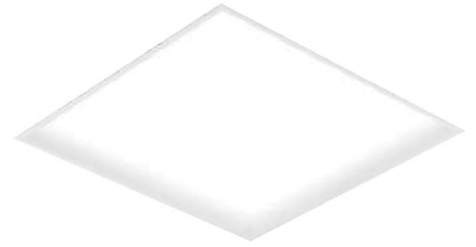






CANVAS R

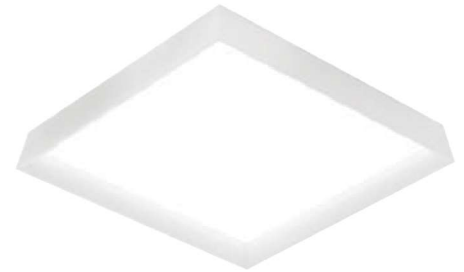
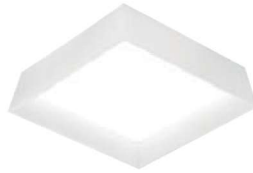
Recessed



M600 / M625

CANVAS C

Ceiling



CANVAS S

Suspended



Model
350x350

Model
600x600

Diffuser

SOP, DPR

SOP, DPR

Light output

Lighting fixture

970 - 1450 lm

3700 - 5600 lm

Light source

1350 - 2000 lm

5140 - 7780 lm

Efficacy

Lighting fixture

up to 120 lm/W

up to 135 lm/W

Light source

up to 180 lm/W

up to 180 lm/W

LED Colour

830 / 840

830 / 840 / TW

UGR Class

-

UGR<19

Driver

FO, DALI-TD

FO, DALI-TD

Emergency kit

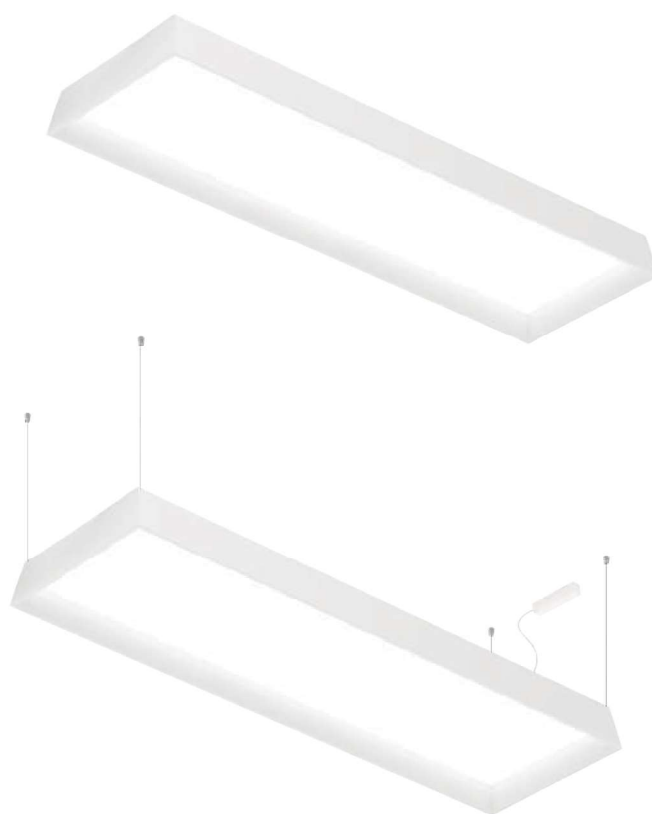
-

EM 1h / 3h

IP protection

IP40

IP43 (RV) / IP43 (C) / IP20 (S)



Model

350x1100

SOP, DPR

3700 - 5600 lm

5140 - 7780 lm

up to 135 lm/W

up to 180 lm/W

830 / 840 / TW

UGR<19

FO, DALI-TD

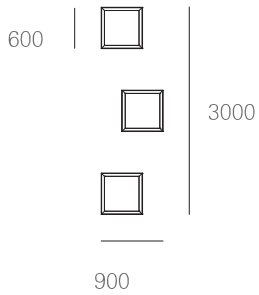
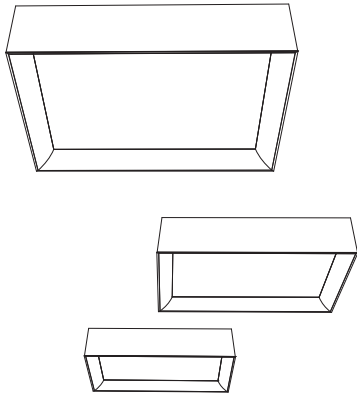
EM 1h / 3h

IP43 (C) / IP20 (S)

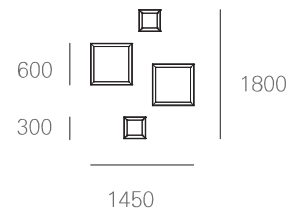
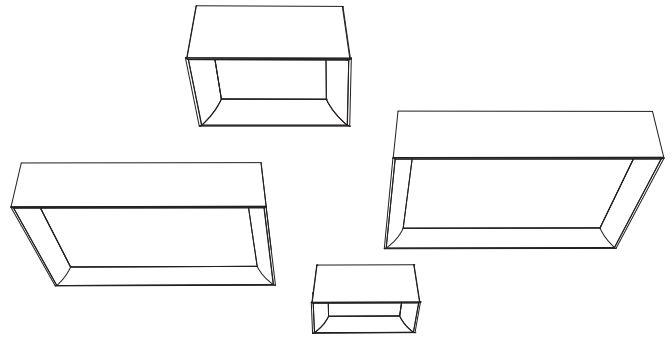
Be inspired by application possibilities

Bring new combinations with Canvas shapes and sizes to your projects

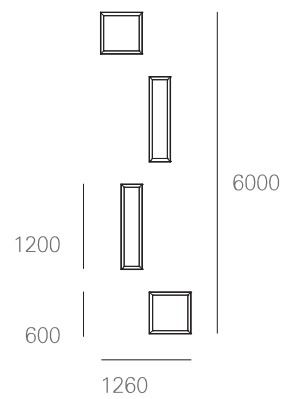
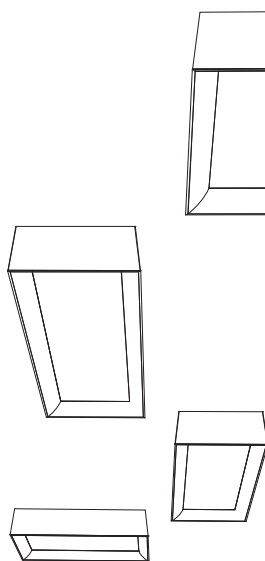
Creating patterns using the same shape



Composition using different sizes



Pattern alignment grouped in a dynamic composition



Canvas RV

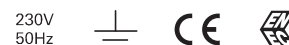
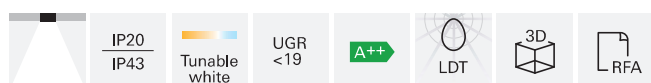
Recessed visible



Features

Light output: 3700 - 5600 lm

Colours: **1** **2** **3** **7** **8** **P** **W** **G**



Installation: Recessed ceiling with visible trim (RV). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Optic:** Satin opal polycarbonate diffuser (SOP), Soft-light prismatic PMMA diffuser (DPR). **Body:** Steel-sheet housing with aluminium frame. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 43. **Complete with:** Mounting kit for false ceiling installation.

Montagewijze: Inbouw met zichtbare rand (RV). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP), Soft-light prismatic PMMA-afscherming (DPR). **Behuizing:** Gepoedercoat staalplaat met aluminium omlijsting. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali TouchDim dimbaar (DALI-TD). **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 43. **Voorzien van:** Montageset voor vals plafondmontage.

Montage: Encastré Plafond bord visible (RV). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤ 3 , 50.000h, L80 B10. **Optique:** Diffuseur polycarbonate opal satiné (SOP), Diffuseur PMMA prismatique à lumière douce (DPR). **Corps:** Boîtier en tôle d'acier avec cadre en aluminium. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD) **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 43. **Livre avec:** Kit de montage pour l'installation de faux plafond.

Combining colour, form and function

in a distinctive and elegant luminaire

Modular design

□ 600x600 / 625x625

Tunable white (TW)

Covers the entire white spectrum from warm to cold tones, that are present in the natural course of daylight



Optimized optics for high visual comfort

Soft-light prismatic optics (DPR) for smooth and glare-free illumination or satin opal diffuser (SOP) for general illumination

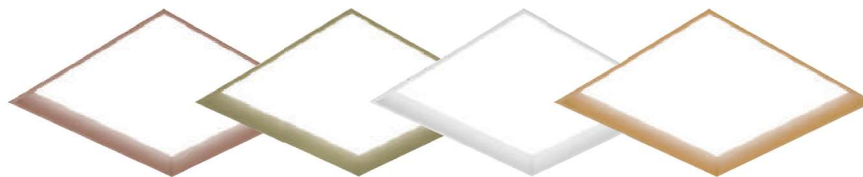
Curved shaped frame

Softens the contrast between lit and non-lit surfaces

Frame colour (w)



Choose between a gentle, powerful or architectural colour scheme:



8 - Corten




G - Mustard Green

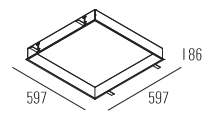
1 - White

7 - Gold

Canvas RV



	LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
	SOP - satin opal diffuser				3000K	4000K
	3700 lm	28W	FO, DALI, EM 1h/3h	7,4	18251x11111w	18251x11211w
	5500 lm	42W	FO, DALI, EM 1h/3h	7,4	18251x11121w	18251x11221w
	DPR - soft-light prismatic optics					
	3800 lm	28W	FO, DALI, EM 1h/3h	7,4	18251x31111w	18251x31211w
	5600 lm	42W	FO, DALI, EM 1h/3h	7,4	18251x31121w	18251x31221w
	Tunable white 2700-6500K					
	4900 lm	43W	DALI, EM 1h/3h	7,4	18251x31521w	



Select your preferred option

For detailed explanations see technical pages.

Driver	x	Emergency	x	Frame colour	w
FO - fixed output	4	FO EM 1h	7	White	1
DALI-TD	1	FO EM 3h	5	Black	2
		DALI EM 1h	2	Driftwood	3
		DALI EM 3h	6	Mountain Pine	P
				Red Wine	W
				Mustard green	G
				Gold	7
				Corten	8

Canvas C / S

Ceiling / Suspended



Features

Light output: 970 - 5600 lm

Colours:



230V
50Hz



Installation: Ceiling mounted (C), Suspended (S). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Optic:** Satin opal polycarbonate diffuser (SOP), Soft-light prismatic PMMA diffuser (DPR). **Body:** Extruded aluminium body and frame, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 43 (C), 20 (S). **Accessories** (order separately): Adjustable wire suspension and ceiling cup with power cable available in various lengths (S version).



Montagewijze: Opbouw (C), Gependeld (S). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP), Soft-light prismatic PMMA-afscherming (DPR). **Behuizing:** Gepoedercoat aluminium extrusie profiel (behuizing en omlijsting). **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali TouchDim dimbaar (DALI-TD). **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 43 (C), 20 (S). **Accessoires** (apart te bestellen): Verstelbare draadophanging en plafondkap met stroomkabel verkrijgbaar in verschillende lengtes. (S-versie).

Montage: Plafonnier (C), Suspension (S). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC > 80, MacAdam ≤ 3 , 50.000h, L80 B10. **Optique:** Diffuseur polycarbonate opal satiné (SOP), Diffuseur PMMA prismatique à lumière douce (DPR). **Corps:** Corps et cadre en aluminium extrudé, revêtement par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD). **Bloc de sécurité:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 43 (C), 20 (S). **Accessoires** (à commander séparément): Suspension en fil métallique réglable et la patère avec câble d'alimentation disponible en différentes longueurs. (version S).

Combining colour, form and function

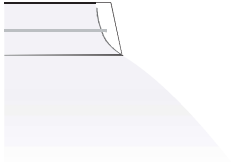
in a distinctive and elegant luminaire

Modular design

350x350, 600x600 
 350x1100 

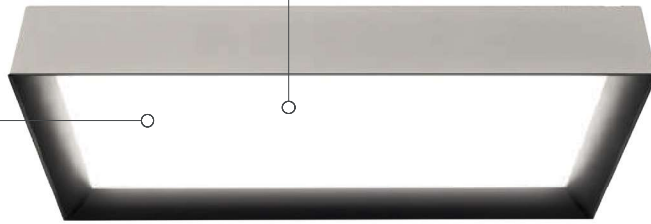
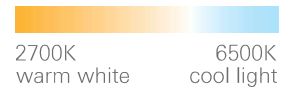
Curved shaped frame

Softens the contrast between lit and non-lit surfaces



Tunable white (TW)

Covers the entire white spectrum from warm to cold tones, that are present in the natural course of daylight



Ceiling cup & suspension set

Must be ordered separately. For suspension length, ceiling cup type and colour, please, refer to accessories .

Body colour (y)

Frame colour (w)



Create an eye - catching element in the space, or blend it in discretely:

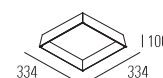


Optimized optics for high visual comfort

Soft-light prismatic optics (DPR) for smooth and glare-free illumination or satin opal diffuser (SOP) for general illumination

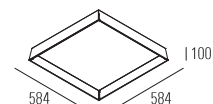
Canvas C

LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
SOP - satin opal diffuser				3000K	4000K
970 lm	9W	FO, DALI	5,8	18253x1211yw	18253x1221yw
1400 lm	12W	FO, DALI	5,8	18253x1212yw	18253x1222yw
DPR - soft-light prismatic optics					
980 lm	9W	FO, DALI	5,8	18253x3211yw	18253x3221yw
1450 lm	12W	FO, DALI	5,8	18253x3212yw	18253x3222yw



Canvas C/S

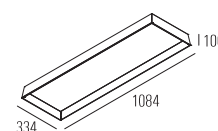
LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
SOP - satin opal diffuser				3000K	4000K
3700 lm	28W	FO, DALI, EM 1h/3h	7,2	18253x1111yw	18253x1121yw
5500 lm	42W	FO, DALI, EM 1h/3h	7,2	18253x1112yw	18253x1122yw
DPR - soft-light prismatic optics					
3800 lm	28W	FO, DALI, EM 1h/3h	7,2	18253x3111yw	18253x3121yw
5600 lm	42W	FO, DALI, EM 1h/3h	7,2	18253x3112yw	18253x3122yw
Tunable white 2700-6500K					
4900 lm	43W	DALI, EM 1h/3h	7,2	18253x3152yw	



For suspended version is necessary to order separately four adjustable wire suspensions and one ceiling cup with power cable.

Canvas C/S

LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
SOP - satin opal diffuser				3000K	4000K
3700 lm	28W	FO, DALI, EM 1h/3h	7,8	18253x1311yw	18253x1321yw
5500 lm	42W	FO, DALI, EM 1h/3h	7,8	18253x1312yw	18253x1322yw
DPR - soft-light prismatic optics				3000K	4000K
3800 lm	28W	FO, DALI, EM 1h/3h	7,8	18253x3311yw	18253x3321yw
5600 lm	42W	FO, DALI, EM 1h/3h	7,8	18253x3312yw	18253x3322yw
Tunable white 2700-6500K					
4900 lm	43W	DALI, EM 1h/3h	7,8	18253x3352yw	



For suspended version is necessary to order separately four adjustable wire suspensions and one ceiling cup with power cable.

Select your preferred option

For detailed explanations see technical pages.

Driver	x	Emergency	x	Body colour	y	Frame colour	w
FO - fixed output	4	FO EM 1h	7	White	1	White	1
DALI-TD	1	FO EM 3h	5	Black	2	Black	2
		DALI EM 1h	2	Driftwood	3	Driftwood	3
		DALI EM 3h	6	Mountain Pine	P	Mountain Pine	P
				Red Wine	W	Red Wine	W
				Mustard green	G	Mustard green	G
				Gold	7	Gold	7
				Corten	8	Corten	8

Accessories

TYPE	ARTICLE NO
Adjustable wire suspension S10C	1000121sh0y
LS ceiling cup transparent cable with 3x0,75 mm ²	1001141sh9y
LS ceiling cup transparent cable with 5x0,75 mm ²	1001142sh9y

Select your preferred option

For detailed explanations see technical pages.

Suspension length	sh	Colour	y
1500 mm	15	White	1
3000 mm	30	Black	2
5000 mm	50		



Demi

Office reviver

**Full flexibility of space arrangement.
Anyway, anywhere.**

Demi represents a high quality lighting solution for office buildings. It provides maximum efficiency and a uniform illumination everywhere.

It's perfect for areas, where you need maximum flexibility of space arrangement or when the final layout is not yet known. The universal luminaire body can be installed in plasterboard or modular ceilings, ensuring the best match with the interior space design.

Volledig flexibele opstelling. Overal en altijd.

Demi is de verlichtingsoplossing voor kantooromgevingen. Het biedt hoge kwaliteit voor een maximale efficiëntie en een uniforme belichting van de volledige ruimte.

Demi is het ideale product voor kantoorruimten waar een maximale flexibiliteit in opstelling nodig is of waar de uiteindelijke indeling nog niet is bepaald. Dit universele armatuur kan geïnstalleerd worden in modulaire of gipsplaat plafondsysteem, en op die manier optimaal aansluiten bij het ontwerp van de binnenuimte.

Une flexibilité totale de l'agencement de l'espace. De toutes les manières, partout.

Demi est une solution d'éclairage de haute qualité pour les immeubles de bureaux. Il assure un éclairage uniforme d'efficacité maximale partout.

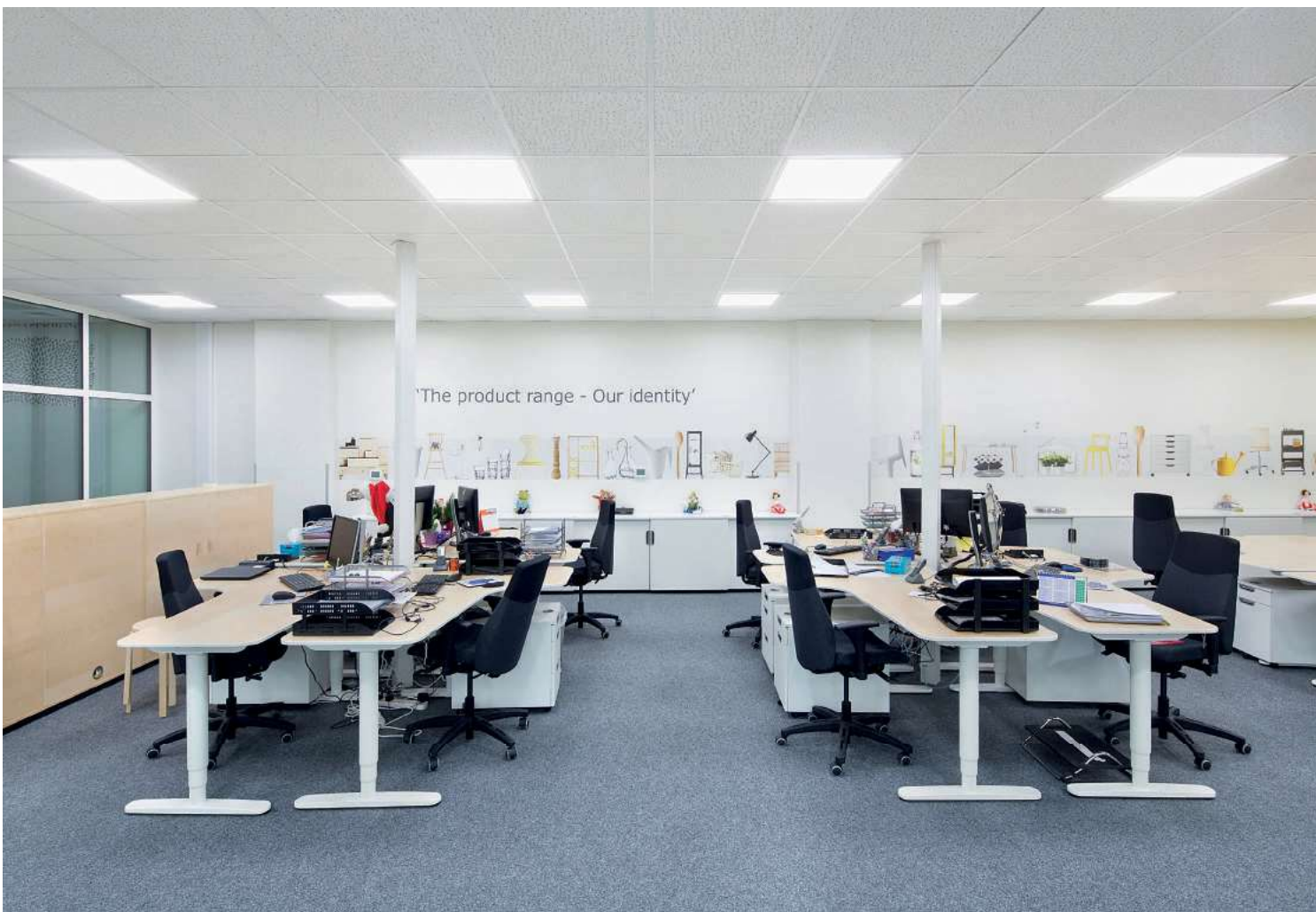
Il est parfait pour les espaces dans lesquels vous avez besoin d'un agencement avec une flexibilité maximale, ou lorsque la disposition définitive n'est pas encore connue. Le corps universel du luminaire peut être installé dans le Placoplâtre ou les faux plafonds, assurant ainsi une intégration parfaite dans le design de l'espace intérieur.





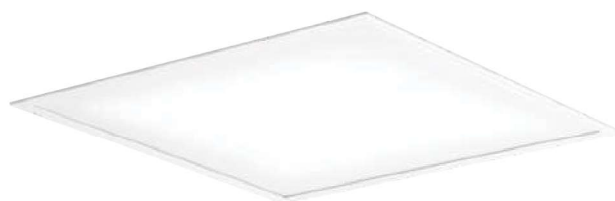








- 600x600 / 625x625
- 200x1200 / 300x1200 / 312x1247 / 300x1500



- 600x600 / 625x625
- 200x1200 / 300x1200 / 312x1247 / 300x1500

DEMI

RV DPR

Soft-light prismatic optics

RV SOP

Satin opal diffuser

Light output

600x600 / 625x625	1950 / 3500 lm	1900 / 3400 lm
100x1200 / 150x1200	-	-
100x1700 / 150x1700	-	-
200x1200	2500 / 3500 lm	2400 / 3400 lm
300x1200 / 312x1247	2900 / 4400 lm	2800 / 4300 lm
300x1500	3600 / 5500 lm	3500 / 5400 lm

Efficacy

Lighting fixture	up to 125 lm/W	up to 120 lm/W
Light source	upt o 180 lm/W	upt o 180 lm/W

LED colour

830 / 840	•	•
Tunable white	•	on request

Glare control

UGR class	UGR <16 (1910 lm), UGR <19 (3380 lm)	-
Luminance (at 65°)	L = 1000 cd/m ² (1910 lm), L < 2000 cd/m ² (3380 lm)	-

Driver	FO / DALI-TD	FO / DALI-TD
---------------	--------------	--------------

Emergency kit	EM 1h / 3h	EM 1h / 3h
----------------------	------------	------------

IP protection	IP43 / IP44 / IP55	IP43 / IP44 / IP55
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- 600x600 / 625x625
- 100x1200 / 150x1200 / 100x1700 / 150x1700
- 200x1200 / 300x1200 / 312x1247



- 600x600 / 625x625
- 200x1200



- 600x600 / 625x625
- 200x1200

RV HMP

Satin silver coated aluminium louvre

C HMP

Satin silver coated aluminium louvre

SDI HMP

Satin silver coated aluminium louvre

2050 - 6100 lm
 2050 / 3500 lm
 2250 / 3800 lm
 3400 / 6100 lm
 3400 / 6100 lm
 -

2050 - 6100 lm
 -
 -
 3400 / 6100 lm
 -
 -

-
 -
 -
 3400+1450 / 4100+1750 lm
 -
 -

up to 135 lm/W
 up to 180 lm/W

up to 125 lm/W
 up to 180 lm/W

up to 137 lm/W
 up to 180 lm/W

•
•

•
•

•
•

UGR<16 (1900 lm), UGR<19 (3400 lm)
 L < 200 cd/m²

UGR<16 (1900 lm), UGR<19 (3400 lm)
 L < 200 cd/m²

UGR<19 (3400 lm)
 L < 200 cd/m²

FO / DALI-TD

FO / DALI-TD

FO / DALI-TD

EM 1h / 3h

EM 1h / 3h

EM 1h / 3h

IP20

IP20

IP20

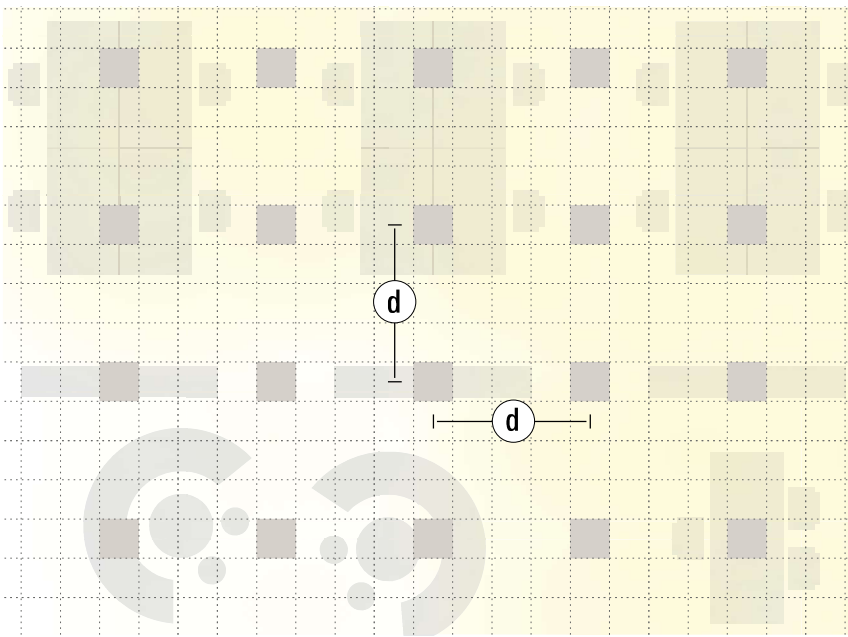
Proper optics for any task

Lighting is the key factor for a correct visual perception. Uniformity of brightness distribution affects eye fatigue and therefore affects the performance efficiency at the workplace. Demi comes in three types of optics which are optimized for different kind of working tasks.

Task or activity	Recommended optic type
Writing, reading, CAD workstations	DPR, HMP
Conference and meeting room	DPR
Technical drawing	HMP
Quality control, Inspection	HMP
Reception, secondary area	SOP
Cloakrooms, waiting rooms	SOP

Full flexibility of space arrangement.

Full flexibility of space arrangement due to even illumination all across the room. With light regulation additional savings are made and light is focused only where and when is needed.



Open-plan office, 130 m²

11,5 m x 11,5m
 mounting height= 2,8 m
 d= spacing between the luminaires

Demi HMP 2000 Im 18W LED 840

d=1,8 m

E= 522 lux

U0 = 0,79
 P = 5,0 W/m²
 UGR = 15,8

Demi HMP 3400 Im 32W LED 840

d=2,4 m

E= 533 lux

U0 = 0,91
 P = 6,1 W/m²
 UGR = 17,5

Demi HMP 6000 Im 55W LED 840

d=2,4 m

E= 620 lux

U0 = 0,75
 P = 6,6 W/m²
 UGR = 17,3

d=2,4 m

E= 620 lux

U0 = 0,91
 P = 10,4 W/m²
 UGR = 17,3

Dynamic office lighting

Light creates moods. It stimulates or soothes. Office lighting can be adjusted in a way to activate and stimulate workers or help keep them focused when there is need for concentrated work. But light can also ease stressful situations enabling workers to perform better. People well-being can be additionally enhanced by matching the colour temperature and quantity of artificial light with natural daylight, precisely with time and any kind of weather.



Activating and motivating / cloudy day

Colour temperature: 6000 K

Total illuminance* > 800 lux



Boosting concentration / sunshine

Colour temperature: 4000 K

Total illuminance* > 1000 lux



Calming lighting scenario / sunset

Colour temperature: 2700 K

Total illuminance* > 500 lux

* Total illuminance includes daylight and artificial lighting.

Demi RV

Recessed visible



Features

Light output: 1900 - 6600 lm Colours: 1



230V
50Hz   

Installation: Recessed for modular ceilings (RV).
Light source: High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Optic:** Satin opal PMMA diffuser (SOP), Soft-light prismatic PMMA diffuser (DPR), Satin silver-coated aluminium double parabolic louvre (HMP). **Body:** Steel-sheet, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **Sensor:** IQ sensor for DALI driver. **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 20, 43, 44, 55. **Accessories** (order separately): Mounting kit for false ceiling installation, GST quick connector available on request.

Montagewijze: Inbouw voor modulair plafond (RV). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Optiek:** Gesatineerde opalen PMMA afscherming (SOP), Soft-light prismatic PMMA-afscherming (DPR), Aluminium louvre met satin zilveren coating (HMP). **Behuizing:** Gepoedercoat staalplaat. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali TouchDim dimbaar (DALI-TD). **Sensor:** IQ-sensor voor DALI-stuurprogramma. **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 20, 43, 44, 55. **Accessoires** (apart te bestellen): Montageset voor vals plafondmontage, GST-snelkoppeling op aanvraag verkrijgbaar.

Montage: Encastré pour plafond modulaire (RV). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC > 80, MacAdam ≤ 3 , 50.000h, L80 B10. **Optique:** Diffuseur en PMMA opal satiné (SOP), Diffuseur PMMA prismatique à lumière douce (DPR), Grille double parabolique en aluminium satiné argenté (HMP). **Corps:** Tôle d'acier, revêtement par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD) **Capteur:** Capteur IQ pour le driver DALI. **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 20, 43, 44, 55. **Accessoires** (à commander séparément): Kit de montage pour faux plafond, connecteur rapide GST disponible sur demande.

Uniform illumination for a flexible space arrangement

High visual comfort and maximum efficiency

Plaster board ceiling mounting kit

Suitable for ceiling heights between 7 and 27 mm



GST quick connector

Fast and easy connection without opening the fixture. See options on request



High visual comfort with optimized optics

Satin opal (SOP) for general illumination or soft-light prismatic optics (DPR) for controlled luminance (UGR<16, L=1000 cd/m2 at 65°)

Tunable white (TW)

Covers the entire white spectrum from warm to cold tones, that are present in the natural course of daylight



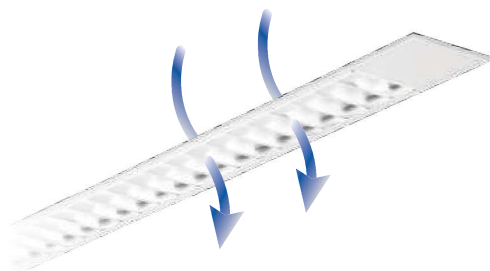
Light sensor with presence detector

IQ sensor automatically dims the luminaire depending on the amount of general light that is available in the space. Presence detector automatically switches the luminaire on and off, depending on the presence of people in the workstation

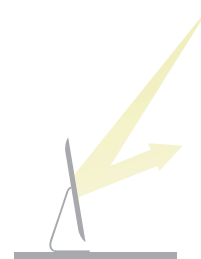
Glare control and excellent lighting quality

The optic provides soft light that allows glare-free use of any kind of displays, laptops or tablet PCs (UGR<16, L<200 cd/m2 at 65°)

Designed for bandrastrer and climate ceilings



Demi R AIR is designed for bandrastrer rail profile ceilings, with air caps allowing air to flow between the housing and reflector.



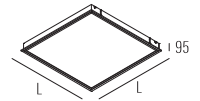
Demi RV SOP/DPR

IP43



LUMEN OUTPUT	POWER	DRIVER	L (mm)	Lco (mm)	WEIGHT (kg)	ARTICLE NO	
						3000K	4000K
SOP - satin opal diffuser							
1900 lm	16W	FO, DALI, EM 1h/3h	597	580	4,6	11104x00011	11104x00021
3400 lm	30W	FO, DALI, EM 1h/3h	597	580	4,6	11104x00031	11104x00041
1900 lm	16W	FO, DALI, EM 1h/3h	622	605	4,8	11124x00011	11124x00021
3400 lm	30W	FO, DALI, EM 1h/3h	622	605	4,8	11124x00031	11124x00041
						3000K	4000K
DPR - soft-light prismatic optics							
1950 lm	16W	FO, DALI, EM 1h/3h	597	580	4,6	11106x00011	11106x00021
3500 lm	30W	FO, DALI, EM 1h/3h	597	580	4,6	11106x00031	11106x00041
1950 lm	16W	FO, DALI, EM 1h/3h	622	605	4,8	11126x00011	11126x00021
3500 lm	30W	FO, DALI, EM 1h/3h	622	605	4,8	11126x00031	11126x00041
						Tunable white 2700-6500K	
4870 lm	52W	DALI	597	580	4,6	11106100051	
4870 lm	52W	DALI	622	605	4,8	11126100051	

- Also available with IP44 and IP55 protection.
- Lumen output and power consumption refers to 4000K. For 3000K, power consumption is slightly higher.



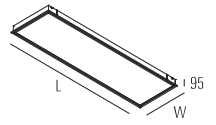
Demi RV SOP/DPR

IP43



LUMEN OUTPUT	POWER	DRIVER	L1 (mm)	L2 (mm)	Lco1 (mm)	Lco2 (mm)	WEIGHT (kg)	ARTICLE NO	
								3000K	4000K
SOP - satin opal diffuser									
2400 lm	21W	FO, DALI, EM 1h/3h	197	1197	180	1180	4,2	11104x33011	11104x33021
3400 lm	30W	FO, DALI, EM 1h/3h	197	1197	180	1180	4,2	11104x33031	11104x33041
2800 lm	23W	FO, DALI, EM 1h/3h	297	1197	280	1180	5,2	11104x23011	11104x23021
4300 lm	38W	FO, DALI, EM 1h/3h	297	1197	280	1180	5,2	11104x23031	11104x23041
3500 lm	29W	FO, DALI, EM 1h/3h	297	1497	280	1480	5,6	11104x24011	11104x24021
5400 lm	46W	FO, DALI, EM 1h/3h	297	1497	280	1480	5,6	11104x24031	11104x24041
2800 lm	23W	FO, DALI, EM 1h/3h	309	1247	292	1225	5,4	11124x23011	11124x23021
4300 lm	38W	FO, DALI, EM 1h/3h	309	1247	292	1225	5,4	11124x23031	11124x23041
								3000K	4000K
DPR - soft-light prismatic optics									
2500 lm	21W	FO, DALI, EM 1h/3h	197	1197	180	1180	4,2	11106x33011	11106x33021
3500 lm	30W	FO, DALI, EM 1h/3h	197	1197	180	1180	4,2	11106x33031	11106x33041
2900 lm	23W	FO, DALI, EM 1h/3h	297	1197	280	1180	5,2	11106x23011	11106x23021
4400 lm	38W	FO, DALI, EM 1h/3h	297	1197	280	1180	5,2	11106x23031	11106x23041
3600 lm	29W	FO, DALI, EM 1h/3h	297	1497	280	1480	5,6	11106x24011	11106x24021
5500 lm	46W	FO, DALI, EM 1h/3h	297	1497	280	1480	5,6	11106x24031	11106x24041
2900 lm	23W	FO, DALI, EM 1h/3h	309	1247	292	1225	5,4	11126x23011	11126x23021
4400 lm	38W	FO, DALI, EM 1h/3h	309	1247	292	1225	5,4	11126x23031	11126x23041

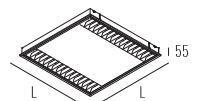
- Also available with IP44 and IP55 protection.



Demi RV HMP



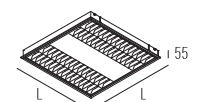
LUMEN OUTPUT	POWER (830/840)	DRIVER	L (mm)	Lco (mm)	WEIGHT (kg)	ARTICLE NO	
						3000K	4000K
2050 lm	16W	FO, DALI, IQ SENSOR, EM 1h/3h	597	580	3,8	11102x11311	11102x11321
2050 lm	16W	FO, DALI, IQ SENSOR, EM 1h/3h	622	605	4,0	11122x11311	11122x11321
3500 lm	29W	FO, DALI, IQ SENSOR, EM 1h/3h	597	580	3,8	11102x11331	11102x11341
3500 lm	29W	FO, DALI, IQ SENSOR, EM 1h/3h	622	605	4,0	11122x11331	11122x11341



Demi RV HMP



LUMEN OUTPUT	POWER (830/840)	DRIVER	L (mm)	Lco (mm)	WEIGHT (kg)	ARTICLE NO	
						3000K	4000K
3400 lm	25W	FO, DALI, IQ SENSOR, EM 1h/3h	597	580	3,8	11102x11111	11102x11121
6100 lm	49W	FO, DALI, IQ SENSOR, EM 1h/3h	597	580	3,8	11102x11161	11102x11171
3400 lm	25W	FO, DALI, IQ SENSOR, EM 1h/3h	622	605	4,0	11122x11111	11122x11121
6100 lm	49W	FO, DALI, IQ SENSOR, EM 1h/3h	622	605	4,0	11122x11161	11122x11171
						Tunable white 2700-6500K	
6600 lm	60W	DALI	597	580	3,8	11102111151	
6600 lm	60W	DALI	622	605	4,0	11122111151	

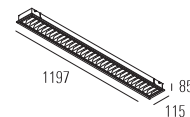


Demi RV HMP

IP20



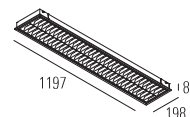
LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
2050 lm	16W	FO, DALI, EM 1h/3h	2,5	11102x43311	11102x43321
3500 lm	29W	FO, DALI, EM 1h/3h	2,5	11102x43331	11102x43341
				Tunable white 2700-6500K	
3300 lm	32W	DALI	2,5	11102143351	



Demi RV HMP



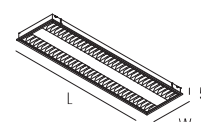
LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
3400 lm	25W	FO, DALI, EM 1h/3h	2,5	11102x33111	11102x33121
6100 lm	49W	FO, DALI, EM 1h/3h	2,5	11102x33131	11102x33141
				Tunable white 2700-6500K	
6600 lm	60W	DALI	2,5	11102x33151	



Demi RV HMP

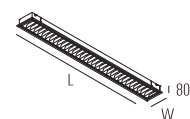


LUMEN OUTPUT	POWER	DRIVER	L1 (mm)	L2 (mm)	Lco1 (mm)	Lco2 (mm)	WEIGHT (kg)	ARTICLE NO	
								3000K	4000K
3400 lm	25W	FO, DALI, EM 1h/3h	297	1197	280	1180	4,5	11102x23111	11102x23121
6100 lm	49W	FO, DALI, EM 1h/3h	297	1197	280	1180	4,5	11102x23131	11102x23141
3400 lm	25W	FO, DALI, EM 1h/3h	309	1247	292	1225	5,3	11122x23111	11122x23121
6100 lm	49W	FO, DALI, EM 1h/3h	309	1247	292	1225	5,3	11122x23131	11122x23141
								Tunable white 2700-6500K	
6600 lm	60W	DALI	297	1197	280	1180	4,5	11102123151	
6600 lm	60W	DALI	312	1247	297	1225	5,3	11122123151	



Demi RV AIR HMP

LUMEN OUTPUT	POWER	DRIVER	L1 (mm)	L2 (mm)	WEIGHT (kg)	ARTICLE NO	
						3000K	4000K
2250 lm	17W	FO, DALI, EM 1h/3h	100	1699	3,5	11102x65511	11102x65521
3800 lm	30W	FO, DALI, EM 1h/3h	100	1699	3,5	11102x65531	11102x65541
2250 lm	17W	FO, DALI, EM 1h/3h	100	1720	3,5	11102x66511	11102x66521
3800 lm	30W	FO, DALI, EM 1h/3h	100	1720	3,5	11102x66531	11102x66541
2250 lm	17W	FO, DALI, EM 1h/3h	150	1699	4,2	11102x55511	11102x55521
3800 lm	30W	FO, DALI, EM 1h/3h	150	1699	4,2	11102x55531	11102x55541
2250 lm	17W	FO, DALI, EM 1h/3h	150	1720	4,2	11102x56511	11102x56521
3800 lm	30W	FO, DALI, EM 1h/3h	150	1720	4,2	11102x56531	11102x56541
						Tunable white 2700-6500K	
4300 lm	39W	DALI	100	1699	3,5	11102165551	
4300 lm	39W	DALI	100	1720	3,5	11102166551	
4300 lm	39W	DALI	150	1699	4,2	11102155551	
4300 lm	39W	DALI	150	1720	4,2	11102156551	



Version for climate ceilings.

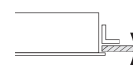
Select your preferred option

For detailed explanations see technical pages.

Driver	x	Emergency	x	Options on request	Add to article no.
FO - fixed output	4	FO EM 1h	7	Fast connectors	GST 3p (F1), 2x GST 3p (F2)
DALI-TD	1	FO EM 3h	5		
IQ SENSOR	0	DALI-TD EM 1h	2		
		DALI-TD EM 3h	6		

Plaster board ceiling mounting set

TYPE	WEIGHT (kg)	ARTICLE NO
For plasterboard thickness 10 - 50 mm for SOP/DPR or 7 - 30 mm for HMP	0,1	1130000000
For plasterboard thickness 7 - 27mm for SOP/DPR	0,1	1140000000



Demi C / SDI

Ceiling / Suspended direct - indirect



Features

Light output: 2050 - 6100 lm Colours: 1



230V
50Hz



Installation: Ceiling mounted (C), Suspended (S). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50,000h L80 B10. **Light distribution:** Direct, Direct / Indirect (SDI). **Optic:** Satin silver-coated aluminium double parabolic louvre (HMP) **Body:** Steel-sheet, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **Sensor:** IQ sensor for DALI driver. **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 20. **Accessories** (order separately): Adjustable wire suspension and ceiling cup with power cable available in various lengths (S version).

Montagewijze: Opbouw (C) , Gependeld (S). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50,000h L80 B10. **Lichtverdeling:** Direct, Direct/Indirect (SDI). **Optiek:** Aluminium louvre met satin zilveren coating (HMP) **Behuizing:** Gepoedercoat staalplaat. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali TouchDim dimbaar (DALI-TD). **Sensor:** IQ-sensor voor DALI-stuurprogramma. **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur, **IP:** 20. **Accessoires** (apart te bestellen): Verstelbare draadophanging en plafondkap met stroomkabel verkrijgbaar in verschillende lengtes. (S-versie).

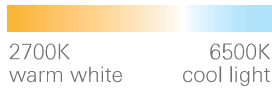
Montage: Plafonnier (C), Suspension (S). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤ 3 , 50,000h, L80 B10. **Eclairage:** Direct, Direct/ Indirect (SDI). **Optique:** Grille double parabolique en aluminium satiné argenté (HMP) **Corps:** Tôle d'acier, revêtement par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD) **Capteur:** Capteur IQ pour le driver DALI. **Bloc de sécurité:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 20. **Accessoires** (à commander séparément): Suspension en fil métallique réglable et la patère avec câble d'alimentation disponible en différentes longueurs. (version S).

Uniform illumination for a flexible space arrangement

High visual comfort and maximum efficiency

Tunable white (TW)

Covers the entire white spectrum from warm to cold tones, that are present in the natural course of daylight



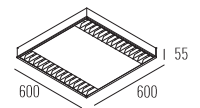
Light sensor with presence detector

Light sensor automatically dims the luminaire depending on the amount of general light that is available in the space. Presence detector automatically switches the luminaire on and off, depending on the presence of people at the workstation

Demi C HMP



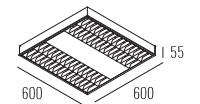
LUMEN OUTPUT	POWER (830/840)	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
2050 lm	16W	FO, DALI, IQ SENSOR, EM 1h/3h	4,3	12102x11311	12102x11321
3500 lm	29W	FO, DALI, IQ SENSOR, EM 1h/3h	4,3	12102x11331	12102x11341



Demi C HMP



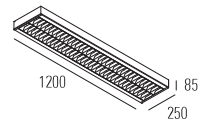
LUMEN OUTPUT	POWER (830/840)	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
3400 lm	25W	FO, DALI, IQ SENSOR, EM 1h/3h	4,3	12102x11111	12102x11121
6100 lm	49W	FO, DALI, IQ SENSOR, EM 1h/3h	4,3	12102x11131	12102x11141
				Tunable white 2700-6500K	
6600 lm	60W	DALI	4,3	1210211151	



Demi C HMP



LUMEN OUTPUT	POWER (830/840)*	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
3400 lm	25W	FO, DALI, EM 1h/3h	3,8	12102x33111	12102x33121
6100 lm	49W	FO, DALI, EM 1h/3h	3,8	12102x33131	12102x33141
				Tunable white 2700-6500K	
6600 lm	60W	DALI	3,8	12102133151	

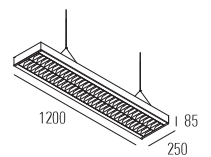


Demi SDI HMP



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
3400+1450 lm	35W	FO, DALI, EM 1h/3h	3,8	12302x33631	12302x33641
4100+1750 lm	44W	FO, DALI, EM 1h/3h	3,8	12302x33661	12302x33671

i For suspended installation order the suspension set separately.



Accessories

TYPE	ARTICLE NO
Adjustable Y wire suspension set S10Y2	1000124sh0y
SH ceiling cup transparent cable with 3x0,75 mm ²	1001131sh9y
SH ceiling cup transparent cable with 5x0,75 mm ²	1001132sh9y

Select your preferred option

For detailed explanations see technical pages.

Driver	x	Emergency	x	Suspension length	sh	Colour	y
FO - fixed output	4	FO EM 1h	7	1500 mm	15	White	1
DALI-TD	1	FO EM 3h	5	3000 mm	30	Black	2
IQ SENSOR	0	DALI-TD EM 1h	2	5000 mm	50		
		DALI-TD EM 3h	6				



106 & 216

Basic light box

A simple decision when the budget is tight.

The 106/216 product range is a functional and accessible range, which is suitable when you are looking for something basic with an optimal ratio of price, uniformity and light output.

It's an affordable alternative to the classic light box. It can be installed in a few minutes and is available in many shapes and mounting options.

Een eenvoudige oplossing voor een klein budget.

De productfamilie 106/216 is functioneel en toegankelijk, juist wanneer u op zoek bent naar een basismodel met een optimale verhouding tussen prijs, uniformiteit en rendement is dit armatuur uitermate geschikt.

De 106/216 is een betaalbaar alternatief voor de klassieke lichtbak. Het installeren is minutenwerk en het armatuur is verkrijgbaar in veel vormen en met diverse bevestigingsmogelijkheden.

Une décision simple lorsque le budget est serré.

La gamme de produits 106/216 est fonctionnelle et accessible. Elle s'adresse à ceux qui cherchent quelque chose de basique avec un rapport optimal entre le prix, l'uniformité et la puissance lumineuse.

C'est une alternative abordable aux caissons de luminaires classiques. Le 106/216 peut être installé en quelques minutes et est disponible en de nombreuses formes et possibilités de montage.







- 595x595
- 1195x295



- 597x597 / 622x622
- 197x1197 / 297x1197 / 312x1247



- 600x600
- 200x1200

	106 MC	106	216
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Installation	Recessed	Recessed	Ceiling / Suspended
Light output	2300 - 5500 lm	1950 - 3600 lm	2250 - 3600 lm
Efficacy			
Lighting fixture	up to 95 lm/W	up to 108 lm/W	up to 125 lm/W
Light source	up to 160 lm/W	up to 160 lm/W	up to 160 lm/W
LED colour	830 / 840	830 / 840	830 / 840
Driver	FO / DALI-TD	FO / DALI-TD	FO / DALI-TD
Emergency kit	EM 1h / 3h	EM 1h / 3h	EM 1h / 3h
UGR Class	UGR<19	UGR<19	UGR<19
IP protection	IP43	IP43 / IP44**	IP43

** IP44 protection available on request.

106 & 216

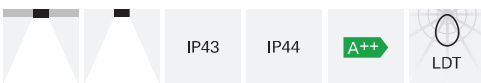
Recessed / Ceiling / Suspended



Features

Light output: 1950 - 3600 lm

Colours: 1



230V
50Hz



Installation: Recessed for modular ceilings (RV), Ceiling mounted (C). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optic:** Opal PMMA diffuser (OP), Prismatic PMMA diffuser (PR), Soft-light prismatic PMMA diffuser (DPR). **Body:** Steel-sheet, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 43, 44. **Accessories** (order separately): Mounting kit for false ceiling installation (106 only).

Montagewijze: Inbouw voor modulair plafond (RV), Opbouw (C). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optiek:** Opalen PMMA afscherming (OP), Prismatische PMMA afscherming (PR), Soft-light prismatische PMMA-afscherming (DPR). **Behuizing:** Gepoedercoat staalplaat. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dalí TouchDim dimbaar (DALI-TD). **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 43, 44. **Accessoires** (apart te bestellen): Montageset voor vals plafondmontage (alleen voor 106).

Montage: Encastré pour plafond modulaire (RV), Plafonnier (C). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤3, 50.000h, L80 B10. **Optique:** Diffuseur opal PMMA (OP), Diffuseur prismatique en PMMA (PR), Diffuseur PMMA prismatique à lumière douce (DPR). **Corps:** Tôle d'acier, revêtement par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD) **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 43, 44. **Accessoires** (à commander separement): Kit de montage pour installation au faux plafond (106 uniquement).

A basic lightbox

A good ratio of price, uniformity and light output



Mounting kit for different ceiling heights

Suitable for heights
7 - 27 mm
10 - 50 mm
Order separately.

MC version is suitable for modular ceilings only and can not be installed in plasterboard ceilings.

GST quick connector

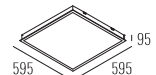
MC version includes fast and easy connection without opening the fixture. For other versions, refer to options on request.



Opal (OP), soft prismatic (DPR) or prismatic (PR) diffuser

106 MC

 578x578x100



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
OP - opal diffuser					
2300 lm	24W	FO, DALI. EM 1/3h	3,8	11166x00101	11166x00201
3300 lm	36W	FO, DALI. EM 1/3h	3,8	11166x00301	11166x00401
3900 lm	44W	FO, DALI. EM 1/3h	3,8	11166x00501	11166x00601
DPR - diffused prismatic diffuser					
2300 lm	20W	FO, DALI. EM 1/3h	3,8	11165x00101	11165x00201
3400 lm	31W	FO, DALI. EM 1/3h	3,8	11165x00301	11165x00401
4400 lm	44W	FO, DALI. EM 1/3h	3,8	11165x00501	11165x00601
PR - prismatic diffuser					
2450 lm	20W	FO, DALI. EM 1/3h	3,8	11167x00101	11167x00201
3600 lm	31W	FO, DALI. EM 1/3h	3,8	11167x00301	11167x00401
4700 lm	44W	FO, DALI. EM 1/3h	3,8	11167x00501	11167x00601

 Equipped with GST quick connector

 For modular ceilings only

Select your preferred option

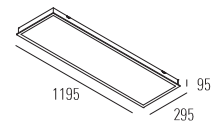
For detailed explanations see technical pages.

Driver	x	Emergency	x
FO - fixed output	4	FO EM 1h	7
DALI-TD	1	FO EM 3h	5
		DALI EM 1h	2
		DALI EM 3h	6

106 MC

 1178x278x100


LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)		ARTICLE NO
OP - opal diffuser			3000K	4000K	
2300 lm	18W	FO, DALI, EM 1/3h	4,4	11166x23101	11166x23201
3350 lm	30W	FO, DALI, EM 1/3h	4,4	11166x23301	11166x23401
4000 lm	43W	FO, DALI, EM 1/3h	4,4	11166x23501	11166x23601
DPR - diffused prismatic diffuser					
2300 lm	18W	FO, DALI, EM 1/3h	4,4	11165x23101	11165x23201
3350 lm	30W	FO, DALI, EM 1/3h	4,4	11165x23301	11165x23401
4000 lm	43W	FO, DALI, EM 1/3h	4,4	11165x23501	11165x23601
PR - prismatic diffuser					
2450 lm	18W	FO, DALI, EM 1/3h	4,4	11167x23101	11167x23201
3600 lm	30W	FO, DALI, EM 1/3h	4,4	11167x23301	11167x23401
4800 lm	43W	FO, DALI, EM 1/3h	4,4	11167x23501	11167x23601



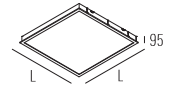
 Equipped with GST quick connector

 For modular ceilings only

106

 Lco1xLco2x110


LUMEN OUTPUT	POWER	DRIVER	L (mm)	Lco (mm)	WEIGHT (kg)	ARTICLE NO
PR - prismatic diffuser					3000K	4000K
2250 lm	18W	FO, DALI, EM 1h/3h	597	580	4,6	11197x00101
3600 lm	30W	FO, DALI, EM 1h/3h	597	580	4,6	11197x00301
2250 lm	18W	FO, DALI, EM 1h/3h	622	605	4,8	11397x00101
3600 lm	30W	FO, DALI, EM 1h/3h	622	605	4,8	11397x00301
OP - opal diffuser					3000K	4000K
1950 lm	18W	FO, DALI, EM 1h/3h	597	580	4,6	11196x00101
3150 lm	30W	FO, DALI, EM 1h/3h	597	580	4,6	11196x00301
1950 lm	18W	FO, DALI, EM 1h/3h	622	605	4,8	11396x00101
3150 lm	30W	FO, DALI, EM 1h/3h	622	605	4,8	11396x00301



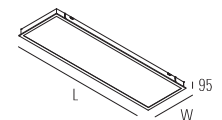
 Also available with IP44 protection.

 Mounting set for plaster board installation must be ordered separately

106

 Lco1xLco2x110


LUMEN OUTPUT	POWER	DRIVER	W (mm)	L (mm)	Wco (mm)	Lco (mm)	WEIGHT (kg)	ARTICLE NO
PR - prismatic diffuser							3000K	4000K
2250 lm	18W	FO, DALI, EM 1h/3h	197	1197	180	1180	4,2	11197x33101
3600 lm	30W	FO, DALI, EM 1h/3h	197	1197	180	1180	4,2	11197x33301
2250 lm	18W	FO, DALI, EM 1h/3h	297	1197	280	1180	5,2	11197x23101
3600 lm	30W	FO, DALI, EM 1h/3h	297	1197	280	1180	5,2	11197x23301
2250 lm	18W	FO, DALI, EM 1h/3h	309	1247	292	1225	5,4	11397x23101
3600 lm	30W	FO, DALI, EM 1h/3h	309	1247	292	1225	5,4	11397x23301
OP - opal diffuser							3000K	4000K
1950 lm	18W	FO, DALI, EM 1h/3h	197	1197	180	1180	4,2	11196x33101
3150 lm	30W	FO, DALI, EM 1h/3h	197	1197	180	1180	4,2	11196x33301
1950 lm	18W	FO, DALI, EM 1h/3h	297	1197	280	1180	5,2	11196x23101
3150 lm	30W	FO, DALI, EM 1h/3h	297	1197	280	1180	5,2	11196x23301
1950 lm	18W	FO, DALI, EM 1h/3h	309	1247	292	1225	5,4	11396x23101
3150 lm	30W	FO, DALI, EM 1h/3h	309	1247	292	1225	5,4	11396x23301



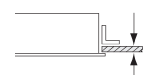
 Also available with IP44 protection.

 Mounting set for plaster board installation must be ordered separately

Plaster board ceiling mounting set



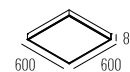
TYPE	WEIGHT (kg)	ARTICLE NO
For plasterboard thickness 10 - 50mm	0,1	1130000000
For plasterboard thickness 7 - 27mm	0,1	1140000000



216 OP



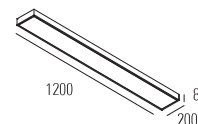
LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
PR - prismatic diffuser				3000K	4000K
2250 lm	18W	FO, DALI, EM 1h	5,0	12197x00101	12197x00201
3600 lm	30W	FO, DALI, EM 1h	5,0	12197x00301	12197x00401
OP - opal diffuser				3000K	4000K
1950 lm	18W	FO, DALI, EM 1h	5,0	12196x00101	12196x00201
3150 lm	30W	FO, DALI, EM 1h	5,0	12196x00301	12196x00401



216 OP



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
PR - prismatic diffuser				3000K	4000K
2250 lm	18W	FO, DALI, EM 1h	4,5	12197x33101	12197x33201
3600 lm	30W	FO, DALI, EM 1h	4,5	12197x33301	12197x33401
OP - opal diffuser				3000K	4000K
1950 lm	18W	FO, DALI, EM 1h	4,5	12196x33101	12196x33201
3150 lm	30W	FO, DALI, EM 1h	4,5	12196x33301	12196x33401



Accessories



TYPE	WEIGHT (kg)	ARTICLE NO
Suspension mounting set (1500 mm)	0,2	211000000

For suspended version use suspension mounting set (available only with version 200 mm).

Select your preferred option

For detailed explanations see technical pages.

Driver	x	Emergency	x	Options on request	Add to article no
FO - fixed output	4	FO EM 1h	7	Connector (only for 106)	GST 5p (F3), 2x GST 5p (F4)
DALI-TD	1	FO EM 3h	5		
		DALI-TD EM 1h	2		
		DALI-TD EM 3h	6		

For every lighting there is a reason

When the requirements get extreme and the well-being is of the highest priority there is no room for compromise. The best lighting or nothing.

NL

Wanneer de gestelde eisen extreem hoog zijn en het welzijn de hoogste prioriteit vormt is er geen enkel compromis mogelijk. Dan volstaat alleen de beste verlichting.

FR

Lorsque les exigences atteignent des niveaux extrêmes et que le bien-être est la toute première priorité, il n'y a pas de place pour les compromis. Le meilleur éclairage ou rien du tout.



health & care





Alkon

Clean room choice

The right performance in medical care and industrial settings.

Alkon efficiently integrates the clean room design, functionality and the quality of illumination. It brings a uniform light distribution to a room, always perfectly suited to various activities and visual tasks.

The product is available in different shapes and mounting possibilities. With a surface design that minimizes the accumulation of dirt and IP65 protection class, it offers an efficient solution in areas with extra protection requirements.

Nauwkeurige prestaties in medische en industriële omgevingen.

Met Alkon bieden we voor de cleanroom een geslaagde integratie van ontwerp, functionaliteit en verlichtingskwaliteit. Er is een uniforme lichtverdeling, met een perfecte afstemming voor diverse activiteiten en visuele taken.

Alkon is verkrijgbaar in verschillende vormen en met diverse bevestigingsmogelijkheden. Door zijn egaal oppervlak, om de ophoping van vuil en stof te minimaliseren, en een IP65- beschermingsklasse is Alkon een efficiënte oplossing in ruimtes waarvoor extra veiligheidseisen gelden.

La bonne performance dans les environnements médicaux et industriels.

Alkon intègre efficacement une conception adaptée aux salles blanches, une fonctionnalité remarquable et une excellente qualité d'éclairage. Il apporte à la salle une distribution de lumière uniforme, toujours parfaitement adaptée aux différentes activités et tâches visuelles.

Le produit est disponible en différentes formes et possibilités de montage. Avec sa surface conçue pour réduire au minimum l'accumulation de poussière et sa classe de protection IP65, il offre une solution efficace dans les zones soumises à des exigences de protection élevées.



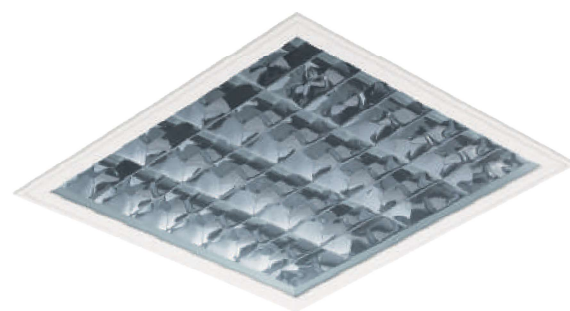




□ 597x597
 □ 297x1197



□ 597x597
 □ 297x1197



□ 597x597
 □ 297x1197

ALKON**DPR**

Soft-light prismatic optics

PR

Microprismatic optics

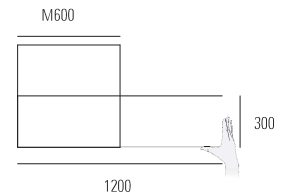
HMP

Satin silver coated aluminium louvre

Light output	3300 - 5300 lm	3700 - 5900 lm	3400 lm - 6000 lm
Efficacy			
Lighting fixture	up to 115 lm/W	up to 127 lm/W	up to 110 lm/W
Light source	up to 182 lm/W	up to 182 lm/W	up to 190 lm/W
LED Colour	830 / 840	830 / 840	830 / 840
Driver	FO / DALI-TD	FO / DALI-TD	FO / EB / DALI-TD
Emergency kit	EM 1h / 3h	EM 1h / 3h	EM 1h / 3h
IP Protection	IP65	IP65	IP65

Alkon RV

Recessed visible



Features

Light output: 3300 - 6000 lm

Colours: 1



230V
50Hz



Installation: Recessed ceiling with visible trim (RV). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50,000h L80 B10. **Optic:** Double parabolic silver-coated satin aluminium louvre with transparent tempered glass protection (HMP), Soft-light prismatic tempered glass diffuser (DPR), Prismatic tempered glass (PR). **Body:** Steel-sheet, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **Emergency:** Emergency kit version with autonomy 1h or 3h. **IP protection:** 65. **Accessories** (order separately): Glass removal vacuum adapter.

Montagewijze: Inbouw met zichtbare rand (RV). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50,000h L80 B10. **Optiek:** Dubbel parabolisch verzilverd satijn aluminium rooster met transparante geharde glasbescherming (HMP), Soft-light prismatiche afscherming van gehard glas (DPR), Prismatisch gehard glas (PR). **Behuizing:** Gepoedercoat staalplaat. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali TouchDim dimbaar (DALI-TD). **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **IP:** 65. **Accessoires** (apart te bestellen): Vacuümadapter voor het verwijderen van het glas.

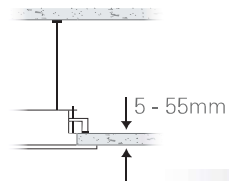
Montage: Encastré Plafond bord visible (RV). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤ 3 , 50,000h, L80 B10. **Optique:** Grille double parabolique en aluminium satiné avec revêtement en verre trempé transparent (HMP), Diffuseur en verre trempé prismatic à lumière douce (DPR), Verre trempé prismatic (PR). **Corps:** Tôle d'acier, revêtement par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD) **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h. **Indice IP:** 65. **Accessoires** (a commander separement): Adaptateur pour enlever la vitre.

Suitable for clean rooms

Appropriate for laboratories, medical, pharmaceutical and industrial areas

False ceiling installation

The housing allows safe fixing on primary ceilings



Easy installation

For the perfect sealing with the ceiling Alkon is placed on a special gasket. Installation is carried out 100% from below



Easy to clean glass surfaces

Special attention was paid to hygiene and cleaning agents resistance. Smooth glass surface with magnet fastening allows easy installation and service

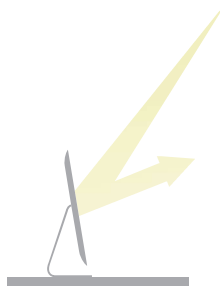
GORE® protective vent ensuring true IP65

Prevents humidity accumulation in the luminaire due to the equalization of pressure



Glare control and excellent light quality

Improving the well being in the space



Glare control and excellent lighting quality

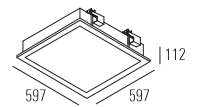
HMP optic provides a soft light that allows glare-free use of any kind of displays, laptops or tablet PCs (UGR<19)

Alkon RV DPR

 585x585x120



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
3400 lm	29W	FO, DALI, EM 1h/3h	10,2	11297x11111	11297x11211
5300 lm	49W	FO, DALI, EM 1h/3h	10,2	11297x21111	11297x21211

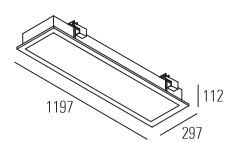


Alkon RV DPR

 1185x285x120



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
3300 lm	29W	FO, DALI, EM 1h/3h	10,2	11297x12111	11297x12211
5300 lm	50W	FO, DALI, EM 1h/3h	10,2	11297x22111	11297x22211

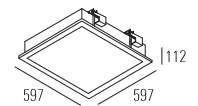


Alkon RV PR

 585x585x120



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
3800 lm	29W	FO, DALI, EM 1h/3h	10,4	11293x11111	11293x11211
5900 lm	49W	FO, DALI, EM 1h/3h	10,4	11293x21111	11293x21211

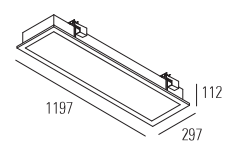


Alkon RV PR

 1185x285x120



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
3700 lm	29W	FO, DALI, EM 1h/3h	10,2	11293x12111	11293x12211
5800 lm	50W	FO, DALI, EM 1h/3h	10,2	11293x22111	11293x22211

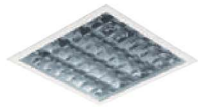


Select your preferred option

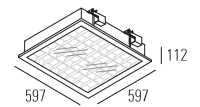
For detailed explanations see technical pages.

Driver	x	Emergency	x
FO - fixed output	4	FO EM 1h	7
DALI-TD	1	FO EM 3h	5
		DALI EM 1h	2
		DALI EM 3h	6

Alkon RV HMP

 585x585x120


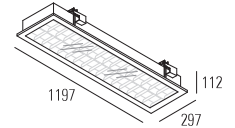
LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
3600 lm	29W	FO, DALI, EM 1h/3h	10,4	11292x11111	11292x11211
6000 lm	51W	FO, DALI, EM 1h/3h	10,4	11292x21111	11292x21211



Alkon RV HMP

 1185x285x120


LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
3400 lm	31W	FO, DALI, EM 1h/3h	10,2	11292x12111	11292x12211
6000 lm	59W	FO, DALI, EM 1h/3h	10,2	11292x22111	11292x22211



Select your preferred option

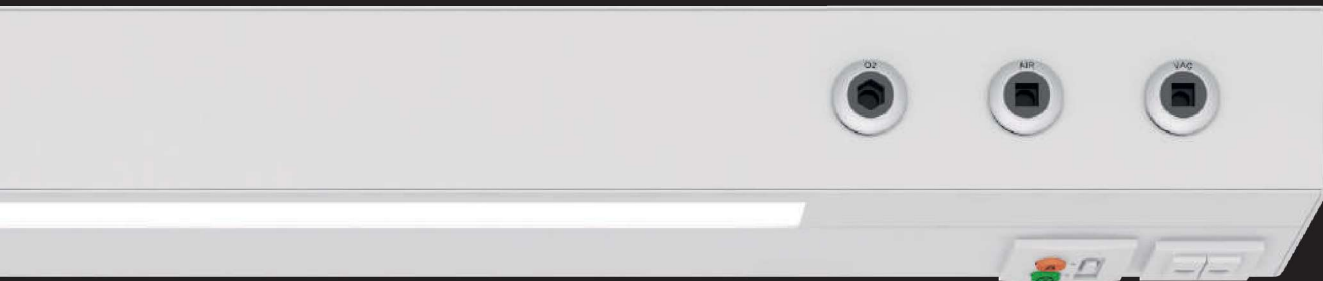
For detailed explanations see technical pages.

Driver	x	Emergency	x
FO - fixed output	4	FO EM 1h	7
DALI-TD	1	FO EM 3h	5
		DALI EM 1h	2
		DALI EM 3h	6

Accessories



TYPE	WEIGHT (kg)	ARTICLE NO
Glass removal vacuum adapter	0,1	509323



Medis

Care 24 / 7

Comfortable illumination for a faster recovery.

Medis can adapt easily to a multitude of needs, considering what the patients, nursing staff and visitors need. This flexible illumination enhances the well-being while providing for a better living comfort in an unfamiliar environment.

Different lighting settings are possible: for examination rounds, visiting times, reading, night or daytime illumination. Besides optimal illumination, Medis offers an integration system with power inlets, communication outlets and medical gases.

Aangename verlichting voor een sneller herstel.

Medis kan zich eenvoudig aanpassen aan de zeer uiteenlopende behoeften van patiënten, medische staf en bezoekers. Deze flexibele verlichting verhoogt het gevoel van welzijn en verandert een kille ruimte in een huiselijke omgeving.

De verlichting kan aangepast worden naargelang de verschillende verlichtingsnoden: algemene verlichting tijdens bezoeken, onderzoeksverlichting, leesverlichting en nacht- of dagverlichting. Behalve een optimale verlichting biedt Medis ook een geïntegreerd verzorgingssysteem dat uitgerust is met alle mogelijke elektrische en medische voorzieningen zoals stopcontacten, oproepsystemen en medische gassen.

Un éclairage confortable pour un rétablissement plus rapide.

Medis peut facilement s'adapter à une multitude de besoins, selon ce que veulent les patients, le personnel soignant et les visiteurs. Cet éclairage flexible améliore le bien-être tout en offrant un meilleur confort de vie dans un environnement étranger.

Différentes configurations d'éclairage sont possibles: pour les séances d'examen, les périodes de visites, la lecture, l'éclairage de nuit ou de jour. En plus d'assurer un éclairage optimal, Medis offre un système d'intégration avec des prises d'alimentation, des prises de communication et de gaz médicaux.



^ Children hospital room, Examination light
 v Retirement home bedroom, Reading light

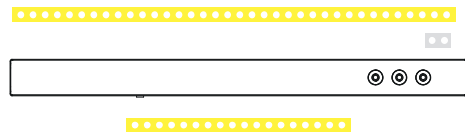
Lighting for any situation

Medis provides multiple lighting scenarios in patient rooms. It can adapt easily to a multitude of needs, considering what the patients, nursing staff and visitors need.



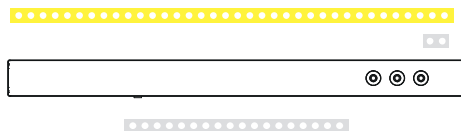
Nursing and examination light / 300 - 1000 lux

Medis provides a uniform, glare-free lighting environment that is required for nursing tasks and simple examinations. It offers maximum illuminance of 1000 lux in the examination mode.



General light / 100 lux

Pleasant indirect asymmetrical light is generally preferred by the patients and makes the room appear higher. The standard LED indirect light module is 1120 mm long and it can be extended with light modules of length divisible by 280 mm. In accordance to EN norms, Medis delivers illuminance of minimum 100 lux required for general lighting.

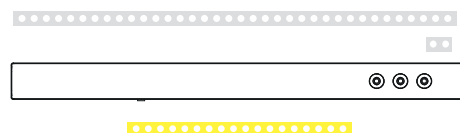




Reading light / 300 lux

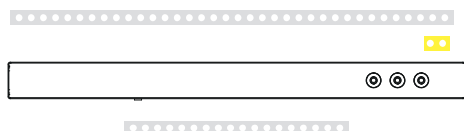
This light creates an individual bed reading atmosphere in a way that others sharing the room is not disturbed. The reading lights can be individually switched on via a cord remote control. It illuminates the reading area with an average level of 300 lux without any glare.

Reading light is available as linear or adjustable spotlight.



Night light / 5 lux

During the night in unfamiliar surroundings, orientation lighting is essential. In order to help both nursing staff to perform simple tasks without disturbing the patients, and for patients to feel safe and in control, Medis provides a totally glare-free night light which delivers 5 lux illuminance.



Product developed within EUREKA programme,
co-founded by MGRT



REPUBLIC OF SLOVENIA
MINISTRY OF ECONOMIC DEVELOPMENT
AND TECHNOLOGY

Medis Care

Modular design for a multitude of needs

Uplight linear module

Stable white (3000 K, 4000 K) or tunable white (2700K- 6500K), covering the entire white spectrum from warm to cold tones present in the natural course of daylight



Power supply

Medis can deliver electrical supply units wherever required. It may be used for life-dependent equipment connected to an uninterrupted power supply (UPS) or for individual usage.

USB charger

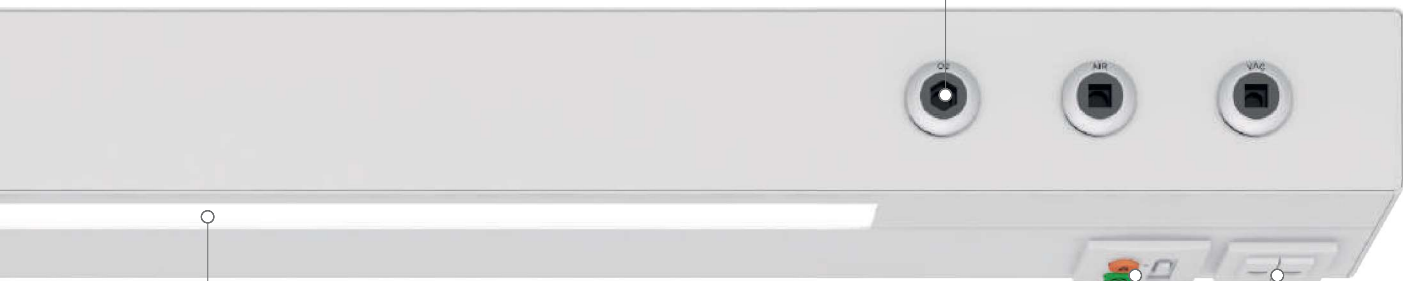
Equipotential bonding bolts

Light control

Required illumination tasks can be individually activated with push-buttons at any moment. Light intensity can be adjusted for each selectable illumination option: day-function, examination or reading light.

Medical gases

Each bed can be supplied with up to three different medical gases sockets. Socket type can be customized on customer request.

**Direct linear module**

Lengths from 560 to 1400 mm

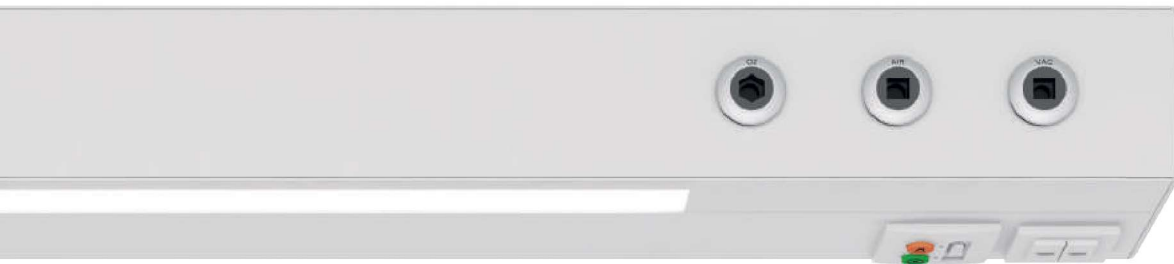
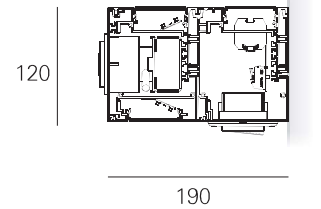
**Communication / network**

Discretely integrated communication panels offer individual usage of a network via UTP sockets as well as a connection to medical devices and instruments. An emergency call can be activated with a practical remote handset.



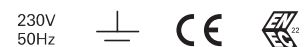
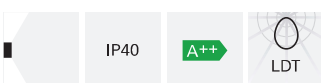
Medis Care

Wall



Features

Light output: up to 7000 lm Colours: 1



Installation: Wall mounted (W). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Light distribution:** Direct, Direct / Indirect. **Optic:** Satin opal polycarbonate diffuser (SOP), Transparent glass diffuser. **Modules:** Power, USB and network socket, Medical gas socket. Nurse call. Adjustable reading spot light. **Body:** Extruded aluminium profile, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **IP protection:** 40.

Montagewijze: Wand (W). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Lichtverdeling:** Direct, Direct/Indirect. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP), Doorzichtige glazen afscherming. **Modules:** Voeding, USB en netwerkaansluiting. Medische gasfitting. Oproep verpleegkundige. Instelbaar leeslampje. **Behuizing:** Gepoedercoat aluminium extrusie profiel. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali TouchDim dimbaar (DALI-TD). **IP:** 40.

Montage: En applique (w). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤ 3 , 50.000h, L80 B10. **Eclairage:** Direct, Direct/ Indirect. **Optique:** Diffuseur polycarbonate opal satiné (SOP), Diffuseur verre transparent . **Modules:** Prise d'alimentation, USB et réseau. Prise de gaz médical. Appel infirmière. Spot de lecture réglable. **Corps:** Profil en aluminium extrudé, revêtu par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD) **Indice IP:** 40.

Medis Care

Bottom view



TYPE	CONFIGURATION	ARTICLE NO
Medis Care 1800		1862182zxs5222511
	Profile length 1800 mm	
	Direct/indirect light distribution	
	Direct reading linear light (on request with adjustable spotlight)	
	Indirect night light	
	Lumen output 2650 + 4200 lm	
	Power supply: 28 + 37 W	
	LED colour: 3000 or 4000K	
	Driver option: FO/DALI/TD	
	Standard power sockets: 2x Shucko plug-in	
	UPS power sockets: 2x Shucko plug-in, red colour	
	2x USB charger outlet	
	Nurse call with remote control	
	2x UTP plug-in (CAT5, CAT6)	
	2x equipotential bonding points	
	3x medical gas outlet (for example air, oxygen and vakuüm)	
	Base profile and cover: white colour (cover available also in other colour options)	

 Above fixture configuration is a typical example for hospital room. Available also with different component configuration.

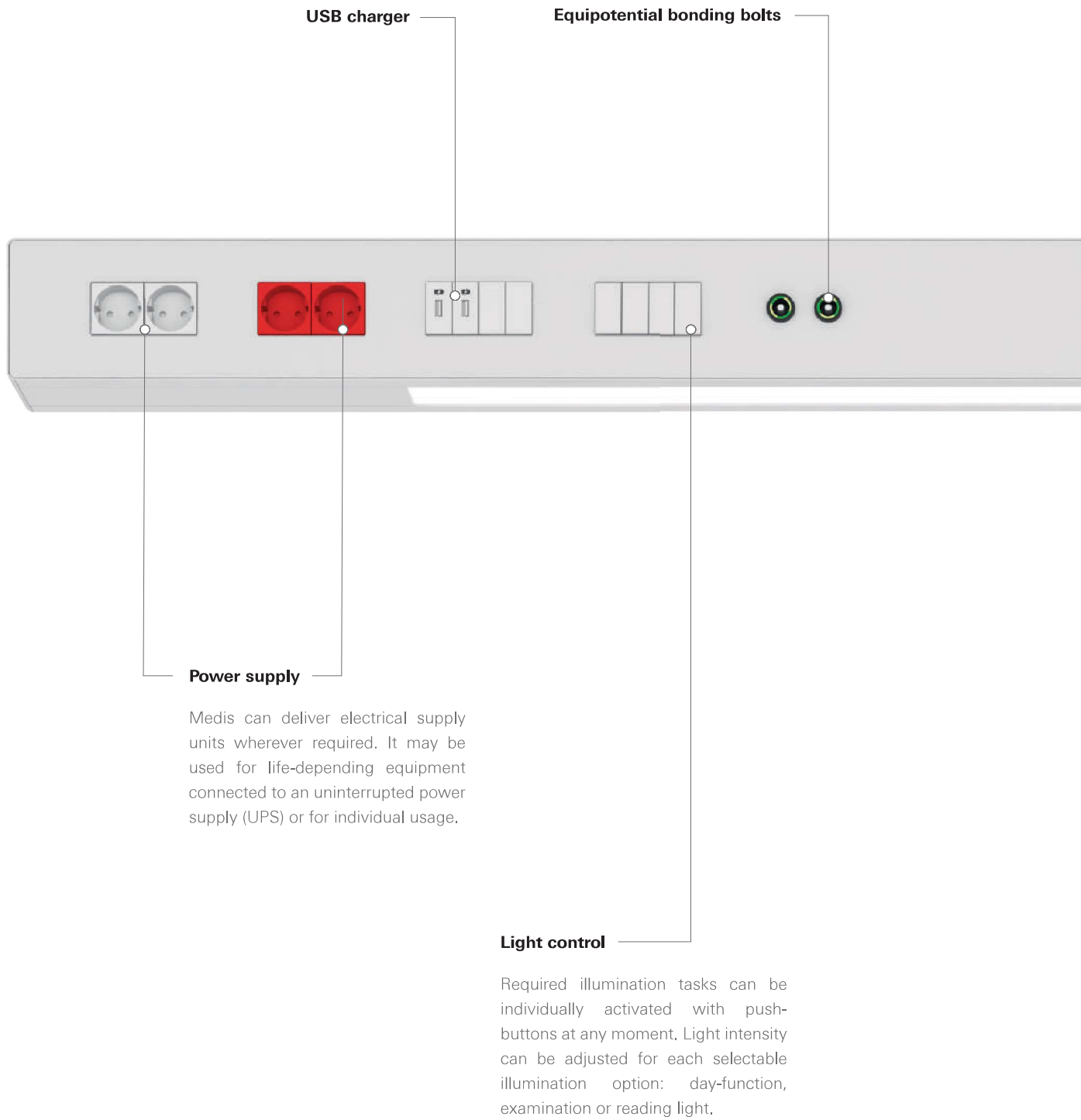
Select your preferred option

For detailed explanations see technical pages.

Driver	x	LED colour direct	z	LED colour direct	s
FO - fixed output	4	830	1	830	1
DALI-TD	1	840	2	840	2
TD	9			TW	3

Medis Home

Modular design for a multitude of needs



Power supply

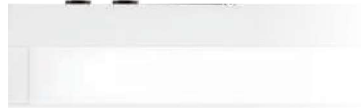
Medis can deliver electrical supply units wherever required. It may be used for life-dependent equipment connected to an uninterrupted power supply (UPS) or for individual usage.

Light control

Required illumination tasks can be individually activated with push-buttons at any moment. Light intensity can be adjusted for each selectable illumination option: day-function, examination or reading light.

Uplight linear module

Stable white (3000 K, 4000 K) or tunable white (2700K- 6500K), covering the entire white spectrum from warm to cold tones present in the natural course of daylight

**Direct linear module**

Lengths from 560 to 1400 mm

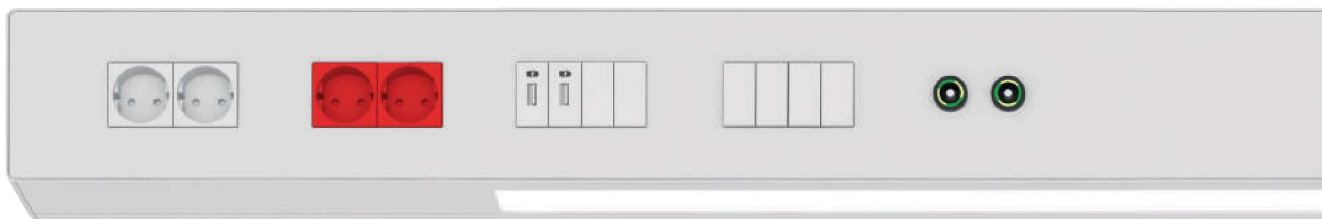
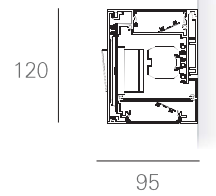
**Communication / network**

Discretely integrated communication panels offer individual usage of a network via UTP sockets as well as a connection to medical devices and instruments. An emergency call can be activated with a practical remote handset.



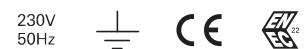
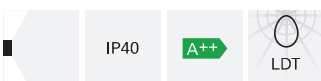
Medis Home

Wall



Features

Light output: up to 7000 lm Colours: 1



Installation: Wall mounted (W). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Light distribution:** Direct, Direct / Indirect. **Optic:** Satin opal polycarbonate diffuser (SOP), Transparent glass diffuser. **Modules:** Power, USB and network socket. Nurse call. Adjustable reading spot light. **Body:** Extruded aluminium profile, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **IP protection:** 40.

Montagewijze: Wand (W). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Lichtverdeling:** Direct, Direct/Indirect. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP), Doorzichtige glazen afscherming. **Modules:** Voeding, USB en netwerkaansluiting. Oproep verpleegkundige. Instelbaar leeslampje. **Behuizing:** Gepoedercoat aluminium extrusie profiel. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali TouchDim dimbaar (DALI-TD). **IP:** 40.

Montage: En applique (w). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤3, 50.000h, L80 B10. **Eclairage:** Direct, Direct/ Indirect. **Optique:** Diffuseur polycarbonate opal satiné (SOP), Diffuseur verre transparent . **Modules:** Prise d'alimentation, USB et réseau. Appel infirmière. Spot de lecture réglable. **Corps:** Profil en aluminium extrudé, revêtu par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD) **Indice IP:** 40.

Medis Home

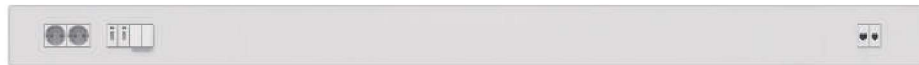
Front view



TYPE	CONFIGURATION	ARTICLE NO
Medis Home 1800		1863182zxs52220011
	Profile length 1800 mm	
	Direct/indirect light distribution	
	Direct reading linear light (on request with adjustable spotlight)	
	Indirect night light	
	Lumen output 2650 + 4200 lm	
	Power supply: 28 + 37 W	
	LED colour: 3000 or 4000K	
	Driver option: FO/DALI/TD	
	Standard power sockets: 2x Shucko plug-in	
	UPS power sockets: 2x Shucko plug-in, red colour	
	2x USB charger outlet	
	Nurse call with remote control	
	2x UTP plug-in (CAT5, CAT6)	
	Base profile and cover: white colour (cover available also in other colour options)	

i Above fixture configuration is a typical example for retirement home. Available also with different component configuration.

Front view



TYPE	CONFIGURATION	ARTICLE NO
Medis Home 1800		186318111912200000
	Profile length 1800 mm	
	Direct/indirect light distribution	
	Lumen output 2650 + 4200 lm	
	Power supply: 28 + 37 W	
	LED colour: 3000K	
	Driver option: TD - separate switching and dimming for direct and indirect component	
	Standard power sockets: 2x Shucko plug-in	
	2x USB charger outlet	
	2x UTP plug-in (CAT5, CAT6)	
	Base profile and cover: white colour (cover available also in other colour options)	

i Above fixture configuration is a typical example for student residence. Available also with different component configuration.

Select your preferred option

For detailed explanations see technical pages.

Driver	x	LED colour direct	z	LED colour direct	s
FO - fixed output	4	830	1	830	1
DALI-TD	1	840	2	840	2
TD	9			TW	3

Never judge a luminaire only by its shape

How high can you go? Demand for functionality, efficiency and energy savings must never exclude safety and well-being. Modern lighting can do it all and reach even higher.

NL

Hoe hoog legt u de lat? Strenge eisen aan functionaliteit, efficiëntie en energiebesparing mogen nooit ten koste gaan van veiligheid en welzijn. Moderne verlichting kan het allemaal en kan zelfs nog een niveau hoger.

FR

Jusqu'où pouvez-vous aller? Les exigences de fonctionnalité, d'efficacité et d'économies d'énergie ne doivent jamais faire passer la sécurité et le bien-être au second plan. Les éclairages modernes peuvent concilier tous ces aspects et atteindre de nouveaux sommets.

industry & outdoor

>



Sequal

Specialised in optics

Efficiency and quality can go a long way

Sequal is the perfect luminaire for all those projects where all you need is uniform professional lighting, that guarantees uniform light in industry plants. When we developed Sequal we wanted to create a luminaire that would provide uniform general lighting suitable for industrial shelves, but at the same time a luminaire powerful enough to be easily used to illuminate parking spaces in a garage house. Unlike other luminaires suitable for garages, Sequal offers a much more efficient way of focusing the light, without making compromises with its looks. It's clean, it's minimal, it's super slim, and easy to install which makes it a true superstar in the field of industrial lighting.

Met efficiëntie en kwaliteit kun je een heel eind komen

Sequal is de perfecte armatuur voor alle projecten waar u vooral uniforme professionele verlichting nodig heeft, die uniform licht garandeert voor industriële bedrijven. Toen we Sequal ontwikkelden wilden we een armatuur creëren dat een uniforme algemene verlichting verschaft die geschikt is voor industriële schappen, maar tegelijkertijd een armatuur die krachtig genoeg is om gebruikt te kunnen worden in parkeerhavens in een parkeergarages. Anders dan andere armaturen die geschikt zijn voor garages biedt Sequal een veel efficiëntere wijze voor het focussen van licht, zonder compromissen te sluiten betreffende zijn uitstraling. Hij is helder, hij is minimaal, hij is super smal en makkelijk te installeren, wat hem tevens een echte superstar maakt op het terrein van industriële verlichting.

L'efficacité et la qualité peuvent produire des miracles

Sequal est le luminaire idéal pour tous les projets où tout ce dont vous avez besoin est un éclairage professionnel uniforme qui garantit la lumière de manière uniforme dans les installations industrielles. En concevant Sequal, nous voulions créer un luminaire qui fournirait un éclairage général uniforme adapté aux étagères industrielles, mais en même temps un luminaire suffisamment puissant pour éclairer les places de parking dans un garage maison. Contrairement à d'autres luminaires adaptés aux garages, Sequal offre une plus grande efficacité de concentration de la lumière, sans faire de compromis sur son esthétique. Il est lisse, économique, très fin et facile à installer, ce qui en fait une véritable superstar dans le domaine de l'éclairage industriel.





SEQUAL

IP54

IP65

2 modules

Optics

30° high rack / 60° / 90°

30° high rack / 60° / 90°

Light output

Lighting fixture

8200 - 27700 lm

8700 lm

Efficacy

Lighting fixture

up to 143 lm/W

130 lm/W

LED colour

830 / 840

830 / 840

Driver

FO / DALI-TD

FO / DALI-TD

Emergency kit

on request

-

IP protection

IP54

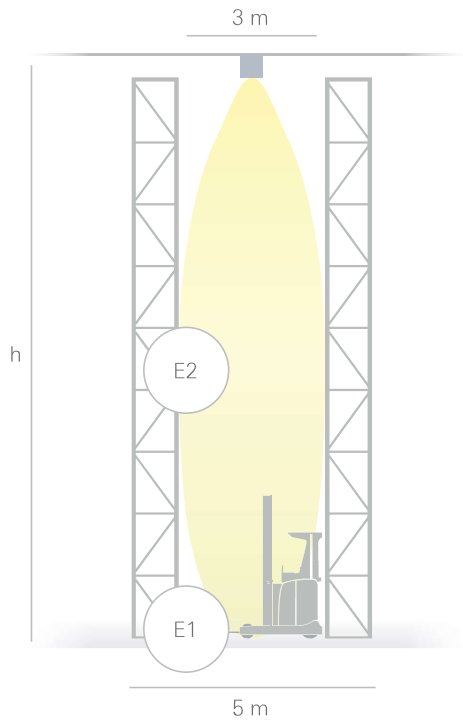
IP65



<p>IP65 4 modules</p>	<p>IP65 2+2 modules</p>	<p>IP65 3 + 3 modules</p>
30° high rack / 60° / 90°	30° high rack / 60° / 90°	30° high rack / 60° / 90°
16700 lm	17500 lm	26200 lm
128 lm/W	124 lm/W	123 lm/W
830 / 840	830 / 840	830 / 840
FO / DALI-TD	FO / DALI-TD	FO / DALI-TD
-	-	-
IP65	IP65	IP65

A professional range for all your needs

Efficient at various heights, available with different lumen packages and beam angles



Warehouse case

Sequal IP54

h = 8 m, L = 7 m

60° optic, 11100 lm

2,2 W/m²

15 pcs / 100 m

E1=158 lux, E2=186 lux

h = 12 m, L = 5,4 m

HR optic, 11100 lm

2,9 W/m²

19 pcs / 100 m

E1=153 lux, E2=186 lux

Industry case

Sequal IP65

h = 6 m

60° optic, 8700 lm

2,9 W/m²

42 pcs / 1000 m²

L1 = 5 m, L2 = 4,4 m

h = 10 m

60° optic, 26200 lm

3 W/m²

32 pcs / 1000 m²

L1 = 8,3 m, L2 = 8,0 m

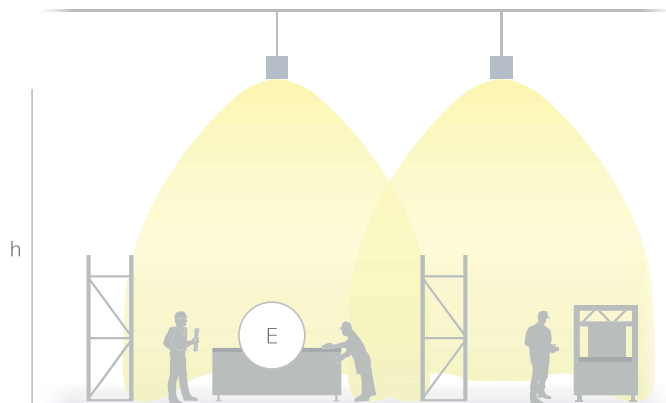
E = 300 lux

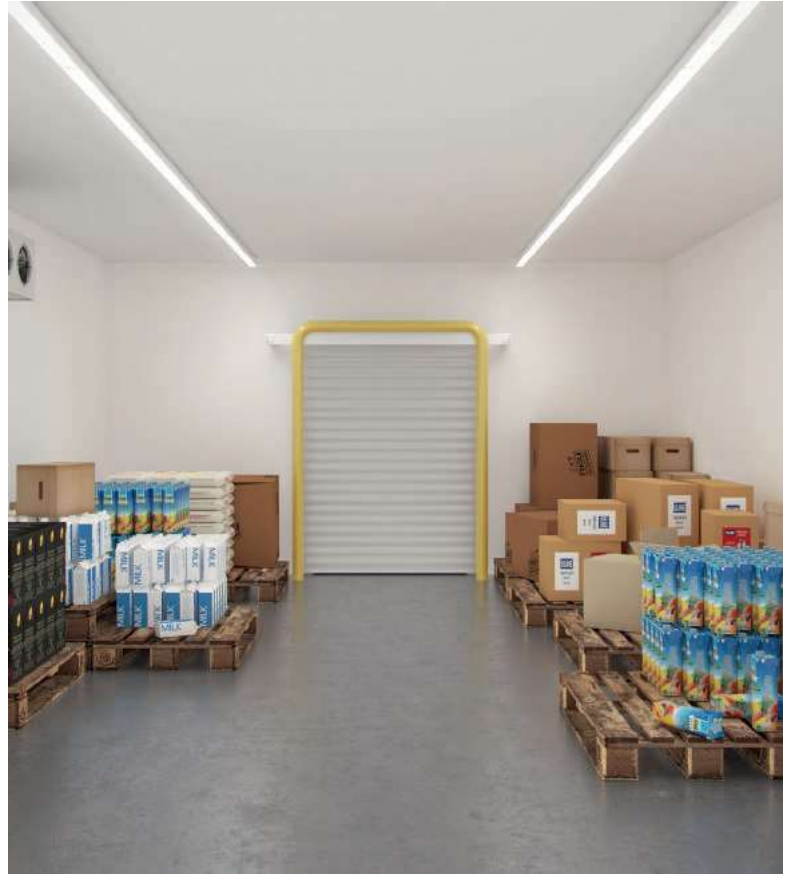
rough and average machining

E = 500 lux

precise machining, assembly

L1





Reliable solution for warehouses and garages

High energy efficiency and uniform illumination

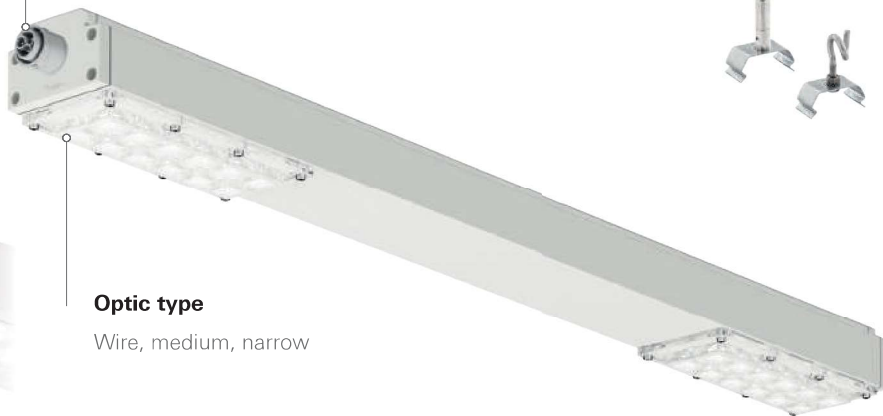


Quick connector

Fast and easy connection without opening the fixture

Wire or chain suspension

Suspension lengths:
1500, 3000, 5000 mm



Optic type

Wire, medium, narrow

From -25° C to + 45° C

Constant performance, even in extreme conditions

Sequal IP54 / IP65

Ceiling / Suspended



Features

Light output: 8700 - 26200 lm Colours: 1



230V
50Hz



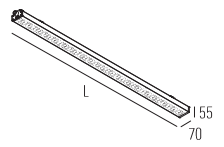
Installation: Suspended (S). **Light source:** High-flux PCB LED modules, high-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Light distribution:** Direct. **Optic:** Optical lenses (wide, medium, narrow, double asymmetric, asymmetric). **Body:** Extruded aluminium profile, powder coated. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI). **Emergency:** Emergency module with autonomy 1h or 3h (escape route, area anti-panic). **IP protection:** 54, 65. **Accessories** (order separately): Adjustable wire suspension and ceiling cup with power cable available in various lengths.

Montagewijze: Gependeld (S). **Lichtbron:** High-flux PCB LED modules, High-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Lichtverdeling:** Direct. **Optiek:** Optische lenzen (wide, medium, narrow, asymmetrisch, dubbel asymmetrisch). **Behuizing:** Gepoedercoat aluminium extrusie profiel. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dali dimbaar (DALI). **Noodverlichting:** Noodmodule met autonomie 1 uur of 3 uur (vluchtroute, anti-paniekzone). **IP:** 54, 65. **Accessoires** (apart te bestellen): Verstelbare draadophanging en plafondkap met stroomkabel verkrijgbaar in verschillende lengtes..

Montage: Suspension (S). **Source de luminaire:** Modules PCB LED haut flux, haute puissance SMD LED, IRC>80, MacAdam ≤3, 50.000h, L80 B10. **Eclairage:** Direct. **Optique:** Lentilles optiques (larges, moyennes, étroites, asymétriques doubles, asymétriques). **Corps:** Profil en aluminium extrudé, revêtu par poudre. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI) **Bloc de sécurité:** Module d'urgence avec autonomie 1h ou 3h (voie d'évacuation, zone anti-panique). **Indice IP:** 54, 65. **Accessoires** (à commander séparément): Suspension en fil métallique réglable et la patère avec câble d'alimentation disponible en différentes longueurs..

Sequal IP54

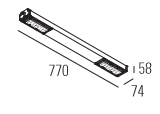
LUMEN OUTPUT	POWER	DRIVER	L (mm)	WEIGHT (kg)	ARTICLE NO	
					3000K	4000K
8200 lm	57W	FO, DALI	1213	3,1	1396zx15001	1396zx16001
11100 lm	80W	FO, DALI	1213	3,1	1396zx18001	1396zx19001
10300 lm	71W	FO, DALI	1512	3,7	1396zx25001	1396zx26001
13900 lm	102W	FO, DALI	1512	3,7	1396zx28001	1396zx29001
12400 lm	86W	FO, DALI	1811	4,6	1396zx35001	1396zx36001
16700 lm	121W	FO, DALI	1811	4,6	1396zx38001	1396zx39001
16500 lm	114W	FO, DALI	2409	5,8	1396zx55001	1396zx56001
22200 lm	161W	FO, DALI	2409	5,8	1396zx58001	1396zx59001
20600 lm	143W	FO, DALI	3007	6,9	1396zx85001	1396zx86001
27800 lm	203W	FO, DALI	3007	6,9	1396zx88001	1396zx89001



⚠ Suspension set for pendant version must be ordered separately.

Sequal IP65

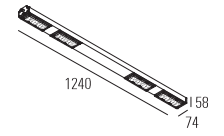
LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
8700 lm	67W	FO, DALI	1,7	1392zx18001	1392zx19001



⚠ Suspension set for pendant version must be ordered separately.

Sequal IP65

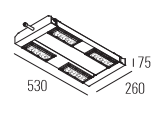
LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
16700 lm	130W	FO, DALI	2,5	1392zx28001	1392zx29001



⚠ Suspension set for pendant version must be ordered separately.

Sequal IP65

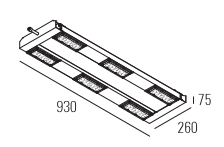
LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
17500 lm	141W	FO, DALI	3,8	1392zx38001	1392zx39001



⚠ Suspension set for pendant version must be ordered separately.

Sequal IP65

LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	ARTICLE NO	
				3000K	4000K
26200 lm	213W	FO, DALI	6	1392zx48001	1392zx49001



⚠ Suspension set for pendant version must be ordered separately.

Select your preferred option

For detailed explanations see technical pages.

Optics	z	Driver	x
30° high rack	1	FO - fixed output	4
60°	2	DALI	1
90°	3		

Accessories

TYPE	ARTICLE NO
Adjustable wire suspension S10F / for IP54 and IP65 linear	1000122sh00
Adjustable Y wire suspension set S12Y2/ for IP65 wide	1000124sh00
SH ceiling cup transparent cable with 3x0,75 mm ²	1001131sh9y
SH ceiling cup transparent cable with 5x0,75 mm ²	1001132sh9y

⚠ Two suspension sets are required for one luminaire.



Arago

Born to be efficient

The star of »before and after« stories, unbeatable in bringing energy consumption down.

Industrial illumination used to be a big consumer of energy. Arago not only overcame this problem, it was designed to reach higher industry demands; long-term quality, resistant to high ambient temperatures, improved performance for better visual comfort and faster installation.

With the lighting fixture refurbishment, you will be able to save on energy and achieve a faster payback time. From that point on, the new lighting will generate a profit.

De kampioen in energiebesparing.

In de industrie maakte men vroeger gebruik van verlichtingsarmaturen die veel energie verbruiken. Arago biedt u niet alleen zeer energiezuinige verlichting, maar werd specifiek ontworpen om tegemoet te komen aan de hoge eisen die gelden voor industriële werkomgevingen: duurzame kwaliteit, hittebestendigheid, verbeterde prestaties voor hoger visueel comfort en een snellere installatie.

Door over te stappen op de energie-efficiënte Arago bespaart u op verbruik en verdient u de renovatiekosten snel terug. Uw nieuwe verlichting levert u uitsluitend winst op.

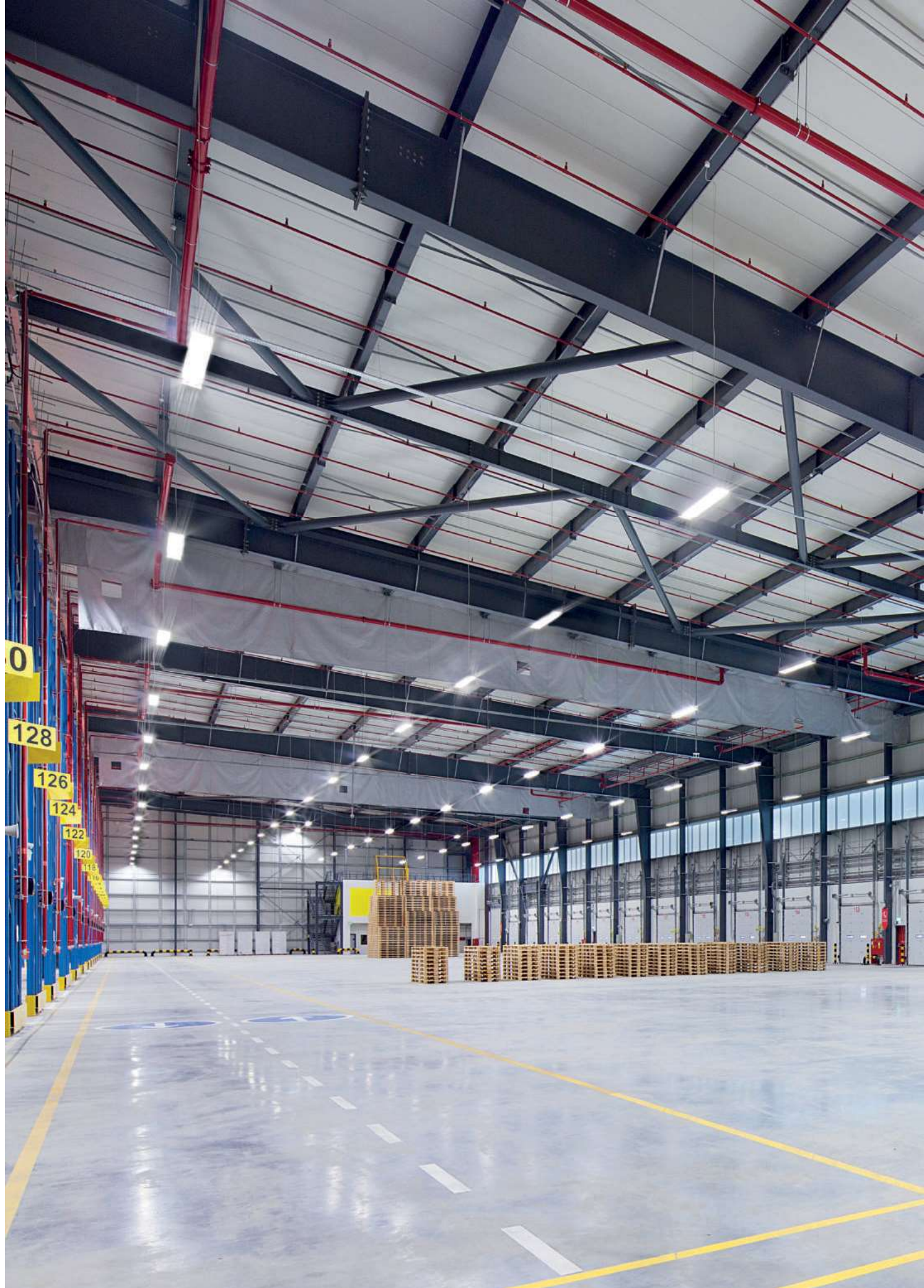
La vedette des histoires »d'avant et d'après«, imbattable lorsqu'il s'agit de faire baisser la consommation d'électricité.

L'éclairage industriel était autrefois un gros consommateur d'électricité. Arago ne s'est pas contenté de mettre fin à ce problème, il a été conçu pour répondre aux exigences les plus strictes de l'industrie et pour offrir une qualité sur le long terme, ainsi qu'une résistance élevée aux températures ambiantes et des performances accrues pour un meilleur confort visuel et une installation plus rapide.

Grâce à la remise à neuf du luminaire, vous pourrez économiser de l'électricité et bénéficier d'un retour sur investissement plus rapide. À partir de là, le nouvel éclairage vous apportera des bénéfices.









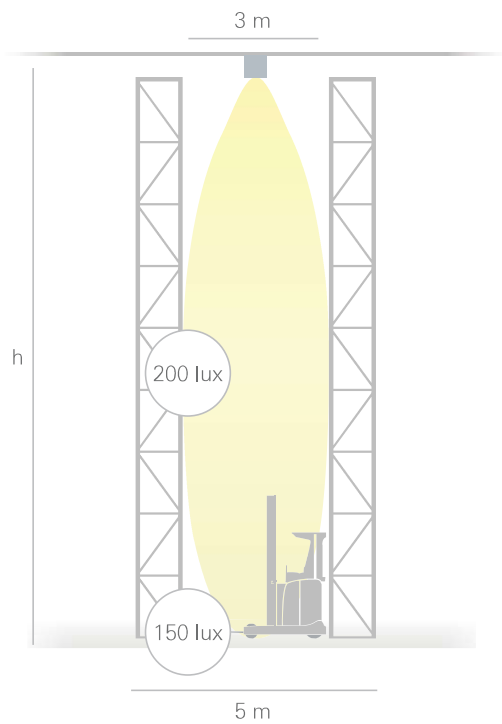


∧ Intra lighting, Miren, Slovenia
∨ OŠ Alojzija Šuštarja, Ljubljana, Slovenia Architecture: ur.a.d.



A professional range for all your needs

Efficient at various heights, available with different lumen packages and beam angles



Warehouse case

Arago LED IP65

h = 8 m

Narrow beam, 8000 lm

1.6 W/m²

13 pcs / 100 m

h = 12 m

Narrow beam, 10000 lm

3 W/m²

19 pcs / 100 m

Industry case

Arago LED IP65

E = 300 lux

rough and average machining

h = 6 m

Wide beam, 16200 lm

2,9 W/m²

24 pcs / 1000 m²

h = 8 m

Narrow beam, 16200 lm

3 W/m²

25 pcs / 1000 m²

E = 500 lux

precise machining, assembly

Wide beam, 20500 lm

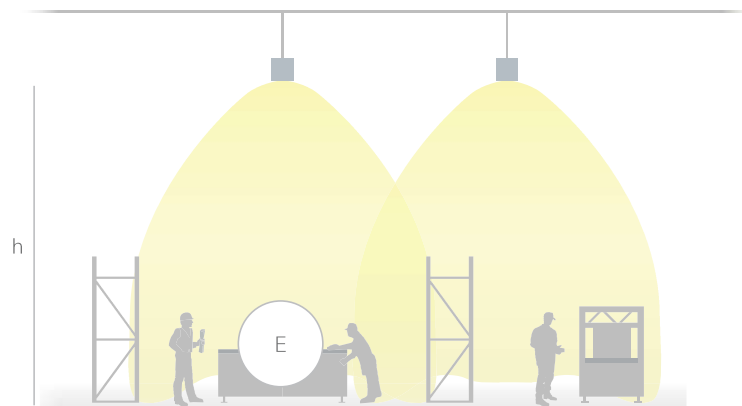
4,7 W/m²

30 pcs / 1000 m²

Wide beam, 23900 lm

5 W/m²

28 pcs / 1000 m²



Wide variety of applications

Efficient at different heights and in the toughest conditions



ARAGO

IP65

Protection and efficiency

IP65 GRID

High impact protection IK10

Light output

Lighting fixture
Light source

7300 - 23900 lm
8000 - 27250 lm

7100 - 22500 lm
8550 - 25900 lm

Efficacy

Lighting fixture
Light source

up to 140 lm/W
up to 180 lm/W

up to 135 lm/W
up to 180 lm/W

Optics

Narrow / Wide / Louvre

Wide

Diffuser

PMMA / GLASS

PMMA / SATIN GLASS

IK Protection

IK7 / IK8

IK10

Driver

FO / DALI-TD

FO / DALI-TD

Emergency kit

EM 1h / 3h

EM 1h / 3h

Colour finish

1

1



IP65 STAINLESS STEEL

For harsh environments

IP20

High efficiency

7300 - 26200 lm
7900 - 27250 lm

9900 - 19800 lm
11100 - 20100 lm

up to 140 lm/W
up to 180 lm/W

up to 150 lm/W
up to 180 lm/W

Narrow / Wide

Narrow / Wide

PMMA / GLASS

-

IK7 / IK8

-

FO / DALI-TD

FO / DALI-TD

EM 1h / 3h

EM 1h / 3h

Stainless steel

1

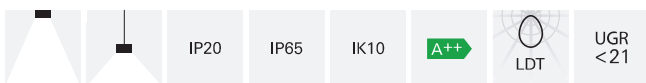
Arago

Ceiling / Suspended



Features

Light output: 7100 - 26200 lm Colours: 1



230V
50Hz



Installation: Ceiling mounted (C), Suspended (S). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optic:** Satin silver coated aluminium high efficiency optic; narrow or wide light distribution. Transparent tempered glass or transparent PMMA diffuser for IP65 protection. **Body:** Steel-sheet, powder coated; stainless steel AISI 316L (inox version). **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **Sensor:** IQ sensor for DALI driver. **Emergency:** Emergency kit version with autonomy 1h or 3h. **Ambient temperature:** From -20°C up to +50°C. **IP protection:** 20, 65. **Accessories** (order separately): Ceiling installation kit, suspension kit, connector with cable. **Complete with:** Protection grid (P version), present detection sensor available on request.

Montageart: Deckenanbaumontage (C), Pendelmontage (S). **Lichtsystem:** High-flux PCB LED Module, mid-power SMD LED, CRI > 80, MacAdam ≤ 3, 50.000h L80 B10. **Optisches System:** Hocheffiziente, mattierte Aluminiumoptik silber beschichtet; eng- oder breitstrahlende Lichtverteilung; Transparentes, gehärtetes Glas oder transparenter PMMA Diffusor für Schutzart IP65. **Leuchtenkörper:** Stahlblech, pulverbeschichtet, Edelstahl 316L (4VA). **Elektrische Ausführung:** Integrierter hocheffizienter Treiber mit Fix-Output (FO) oder Dalí dimmbar (DALI-TD). **Sensor:** IQ Sensor für DALI Driver. **Notlicht:** Notlichtbaustein mit 1h oder 3h Batterie. **Umgebungstemperatur:** Von -20°C bis +50°C. **IP Schutzgrad:** 20, 65. **Zubehör** (separat bestellen): Deckenmontage-Kit, Abhängeset, Verbinder mit Kabel. **Komplett mit:** Schutzgitter (P Version), Präsenzmelder Sensor auf Anfrage möglich.

Montage: Plafonnier (C), Suspension (S). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤3, 50.000h, L80 B10. **Optique:** Optique haute efficacité en aluminium satiné argenté; distribution lumineuse étroite ou large. Verre trempé transparent ou diffuseur transparent en PMMA pour une protection IP65. **Corps:** Tôle d'acier, revêtement par poudre; acier inoxydable AISI 316L (version inox). **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD) **Capteur:** Capteur IQ pour le driver DALI. **Bloc de securite:** Version kit d'urgence avec autonomie 1h ou 3h. **Température ambiante:** De -20°C à +50°C. **Indice IP:** 20, 65. **Accessoires** (a commander separement): Kit d'installation au plafond, kit de suspension, connecteur avec câble. **Livre avec:** Grille de protection (version P), détecteur de présence disponible sur demande.

A reliable solution for high bay application

High energy efficiency and uniformity

up to 10.000 lm

W = 258 mm

up to 23900 lm

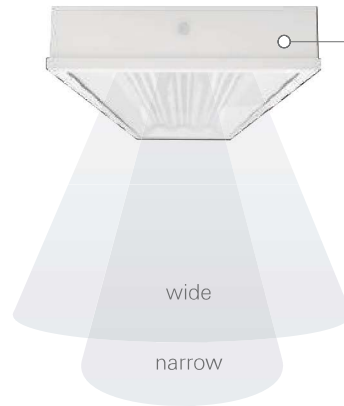
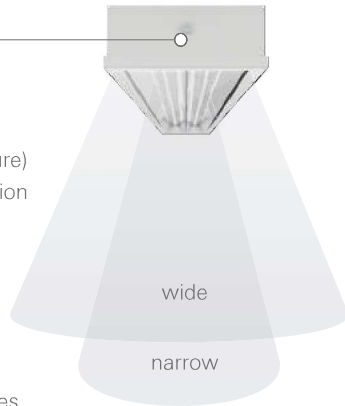
W = 452 mm

GORE® protective vent ensuring true IP65

The equalization of pressure (due to changes in temperature) prevents humidity accumulation in the luminaire

From -20° to +50°

Constant performance at different ambient temperatures



Presence sensor

Mounting height up to 12 m and 30x4 m area detection zone



Stopping the production process as little as possible

Fast installation, 50.000 h maintenance free

Pre-installation of the ceiling mounting plate

Allows the luminaire to be installed within minutes

Suspension chain set (4 m)

Slide-in installation of the luminaire in one click

Quick connector

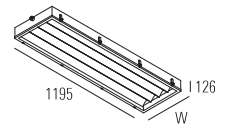
Fast and easy connection without opening the fixture



Arago IP65



LUMEN OUTPUT	POWER	DRIVER	W (mm)	WEIGHT (kg)	TA (°C)**	ARTICLE NO	
Narrow beam reflector						3000K	4000K
8200 lm	52W	FO, DALI, EM 1/3h	258	10,8	-20 – 50	1583zx111y1	1583zx121y1
11500 lm	78W	FO, DALI	258	10,8	-20 – 50	1583zx131y1	1583zx141y1
16500 lm	104W	FO, DALI, EM 1/3h	452	18,0	-20 – 50	1583zx211y1	1583zx221y1
23100 lm	156W	FO, DALI	452	18,0	-20 – 50	1583zx231y1	1583zx241y1
Wide beam reflector						3000K	4000K
8300 lm	52W	FO, DALI, EM 1/3h	258	10,8	-20 – 50	1583zx112y1	1583zx122y1
11600 lm	78W	FO, DALI	258	10,8	-20 – 50	1583zx132y1	1583zx142y1
16500 lm	104W	FO, DALI, EM 1/3h	452	18,0	-20 – 50	1583zx212y1	1583zx222y1
23100 lm	156W	FO, DALI	452	18,0	-20 – 50	1583zx232y1	1583zx242y1
26200 lm	176W	FO, DALI	452	18,0	-20 – 50	1583zx213y1	1583zx223y1
Wide beam louvre UGR<21						3000K	4000K
7300 lm	52W	FO, DALI, EM 1/3h	258	10,8	-20 – 50	1583zx114y1	1583zx124y1
10300 lm	78W	FO, DALI	258	10,8	-20 – 50	1583zx134y1	1583zx144y1
14700 lm	104W	FO, DALI, EM 1/3h	452	18,0	-20 – 50	1583zx214y1	1583zx224y1
20600 lm	156W	FO, DALI	452	18,0	-20 – 50	1583zx234y1	1583zx244y1

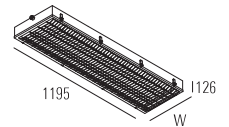


- Ceiling mounting plate or suspension set must be ordered separately
- **Maximum ambient temperature (Ta) for version with emergency kit is 25°C.
- Fixtures with emergency kit module are 0,5-1,0 kg heavier.
- In case of DALI and EM combination note that the same power line supply DALI driver and emergency kit.

Arago IP65 GRID



LUMEN OUTPUT	POWER	DRIVER	W (mm)	WEIGHT (kg)	TA (°C)**	ARTICLE NO	
Wide beam reflector						3000K	4000K
7100 lm	52W	FO, DALI, EM 1/3h	258	10,8	-20 – 50	15834x112y1	15834x122y1
9900 lm	78W	FO, DALI	258	10,8	-20 – 50	15834x132y1	15834x142y1
14200 lm	104W	FO, DALI, EM 1/3h	452	18,0	-20 – 50	15834x212y1	15834x222y1
19900 lm	156W	FO, DALI	452	18,0	-20 – 50	15834x232y1	15834x242y1
22500 lm	176W	FO, DALI	452	18,0	-20 – 50	15834x213y1	15834x223y1

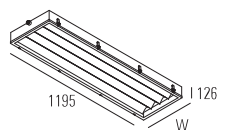


- Ceiling mounting plate or suspension set must be ordered separately
- **Maximum ambient temperature (Ta) for version with emergency kit is 25°C.
- Fixtures with emergency kit module are 0,5-1,0 kg heavier.
- In case of DALI and EM combination note that the same power line supply DALI driver and emergency kit.

Arago IP65 stainless steel



LUMEN OUTPUT	POWER	DRIVER	W (mm)	WEIGHT (kg)	TA (°C)**	ARTICLE NO	
Narrow beam reflector						3000K	4000K
8200 lm	52W	FO, DALI, EM 1/3h	258	12,5	-20 – 50	1583zx111y6	1583zx121y6
11500 lm	78W	FO, DALI	258	12,5	-20 – 50	1583zx131y6	1583zx141y6
16500 lm	104W	FO, DALI, EM 1/3h	452	21,0	-20 – 50	1583zx211y6	1583zx221y6
23100 lm	156W	FO, DALI	452	21,0	-20 – 50	1583zx231y6	1583zx241y6
Wide beam reflector						3000K	4000K
8300 lm	52W	FO, DALI, EM 1/3h	258	12,5	-20 – 50	1583zx112y6	1583zx122y6
11600 lm	78W	FO, DALI	258	12,5	-20 – 50	1583zx132y6	1583zx142y6
16500 lm	104W	FO, DALI, EM 1/3h	452	21,0	-20 – 50	1583zx212y6	1583zx222y6
23100 lm	156W	FO, DALI	452	21,0	-20 – 50	1583zx232y6	1583zx242y6
26200 lm	176W	FO, DALI	452	21,0	-20 – 50	1583zx213y6	1583zx223y6
Wide beam louvre UGR<21						3000K	4000K
7300 lm	52W	FO, DALI, EM 1/3h	258	12,5	-20 – 50	1583zx114y6	1583zx124y6
10300 lm	78W	FO, DALI	258	12,5	-20 – 50	1583zx134y6	1583zx144y6
14700 lm	104W	FO, DALI, EM 1/3h	452	21,0	-20 – 50	1583zx214y6	1583zx224y6
20600 lm	156W	FO, DALI	452	21,0	-20 – 50	1583zx234y6	1583zx244y6

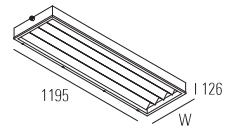


- Stainless steel version is not available with protection grid.
- Ceiling mounting plate or suspension set must be ordered separately
- **Maximum ambient temperature (Ta) for version with emergency kit is 25°C.
- Fixtures with emergency kit module are 0,5-1,0 kg heavier.
- In case of DALI and EM combination note that the same power line supply DALI driver and emergency kit.

Arago IP20



LUMEN OUTPUT	POWER	DRIVER	W (mm)	WEIGHT (kg)	3000K	4000K	ARTICLE NO
Narrow beam reflector					3000K	4000K	
9900 lm	66W	FO, DALI, EM 1/3h	258	10,8	15831x111y1	15831x121y1	
19800 lm	132W	FO, DALI, EM 1/3h	452	18,0	15831x211y1	15831x221y1	
Wide beam reflector					3000K	4000K	
9900 lm	66W	FO, DALI, EM 1/3h	258	10,8	15831x112y1	15831x122y1	
19800 lm	132W	FO, DALI, EM 1/3h	452	18,0	15831x212y1	15831x222y1	



- ⚠ Ceiling mounting plate or suspension set must be ordered separately
- ⓘ Fixtures with emergency kit module are 0,5-1,0 kg heavier.
- ⓘ In case of DALI and EM combination note that the same power line supply DALI driver and emergency kit.

Select your preferred option

For detailed explanations see technical pages.

Driver	x	Emergency	x	Diffuser	z	Sensor / wiring	y
FO - fixed output	4	FO EM 1h	7	Tempered glass	3	Without	0
DALI-TD	1	DALI EM 1h	2	Transparent PMMA	5	PIR detector	1
		FO EM 3h	5			IQ sesnsor	2
		DALI EM 3h	6			Separate switching	3
						Through-wiring	4

Accessories



TYPE	WEIGHT (kg)	ARTICLE NO
Ceiling mounting plate for housing W 258	1,3	707110068
Ceiling mounting plate for housing W 452	2,0	701130193
Ceiling mounting plate for stainless steel housing W 258	1,4	707110099
Ceiling mounting plate for stainless steel housing W 452	2,1	707110098



Suspension chain set 4 m	1,1	701130197
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Connector 3p IP67 (already included with Arago)		16810010000
Connector with cable 1500 mm		16810010150
Connector with cable 3000 mm		16810010300
Connector with cable 6000 mm		16810010600



5700

The old-school solution

A traditional parking garage resident.

It's popular for the mix of functions, fast installation and affordability. With the presence sensors, it has the potential to decrease energy costs, making it appropriate for parking spaces, lit only if someone is present.

With quick connectors and click and lock system, the luminaire can be installed within minutes.

Betrouwbaar beeld in de parkeergarage.

Populair vanwege zijn multifunctionaliteit, snelle installatie en betaalbaarheid. De bewegingssensoren maken hem uitermate geschikt voor gebruik in bijvoorbeeld een parkeergarage, het licht springt dan alleen aan wanneer er iemand aanwezig is. Dit geeft een mooie besparing op energiekosten.

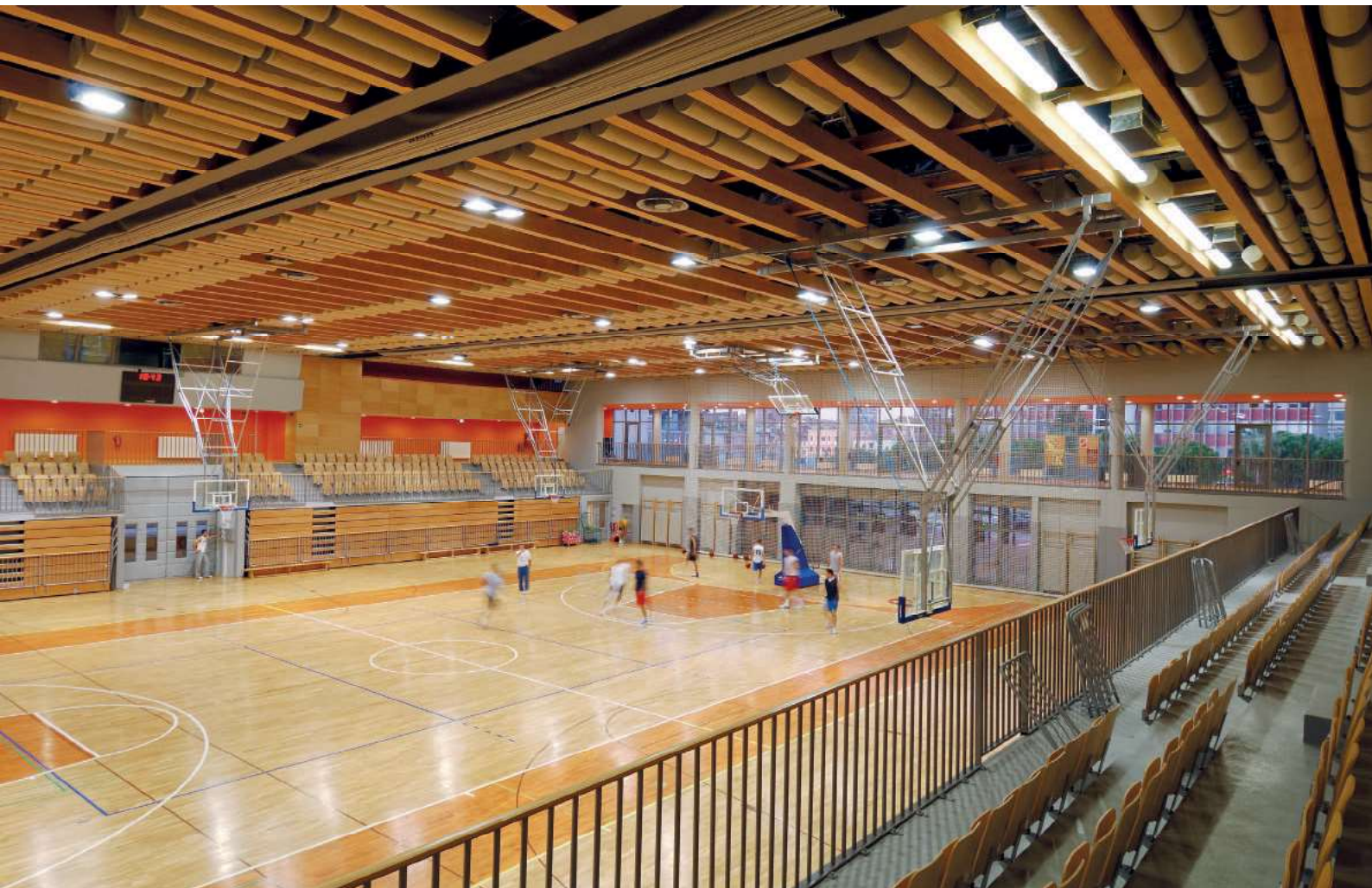
Door zijn snelle connectoren en het klik-en-sluitsysteem kan dit armatuur binnen enkele minuten geïnstalleerd worden.

L'équipement traditionnel des parkings.

5700 est populaire parce qu'il offre un bon mélange de fonctionnalités, qu'il est facile à installer et qu'il est abordable. Grâce à ses détecteurs de mouvements, il peut réduire les coûts d'énergie en n'éclairant les espaces de stationnement que quand quelqu'un y est présent.

Avec ses connecteurs rapides et son système encliquetable, le luminaire peut être installé en quelques minutes.







5700

LED

LED POLAR

Light output

Lighting fixture	3600 - 7800 lm	4600 - 6300 lm
Light source	4050 - 9950 lm	5850 - 8010 lm

Efficacy

Lighting fixture	up to 133 lm/W	up to 140 lm/W
Light source	up to 180 lm/W	up to 180 lm/W

Driver

FO / DALI-TD	FO / DALI-TD
--------------	--------------

Emergency kit

EM 1/3h	-
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IP Protection

IP66	IP66
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Connection

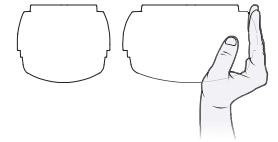
Quick connector	Cable gland
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Accessories

Inox clips	Optional	Included
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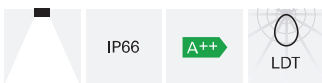
5700

Ceiling / Suspended



Features

Light output: 3600 - 7800 lm



230V
50Hz



Installation: Ceiling mounted (C). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Optic:** Satin opal polycarbonate diffuser (SOP). **Body:** Polycarbonate. **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DALI-TD). **Emergency:** Emergency kit version with autonomy 1h or 3h. **Ambient temperature:** From -20°C up to +50°C (standard version), from -40°C up to +50°C (Polar version). **IP protection:** 66. **Accessories** (order separately): Stainless steel fixing clips available on request. **Complete with:** Ceiling mounting bracket.

Montagewijze: Opbouw (C). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Optiek:** Gesatineerde opalen polycarbonaat afscherming (SOP). **Behuizing:** Polycarbonaat. **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of Dalí TouchDim dimbaar (DALI-TD). **Noodverlichting:** Noodunit versie met autonomie 1 uur of 3 uur. **Omgevings temperatuur:** Van -20°C tot +50°C (standaard versie), van -40°C tot +50°C (Polar versie). **IP:** 66. **Accessoires** (apart te bestellen): Roestvrij stalen bevestigingsklemmen op aanvraag beschikbaar. **Voorzien van:** Plafondmontagebeugel.

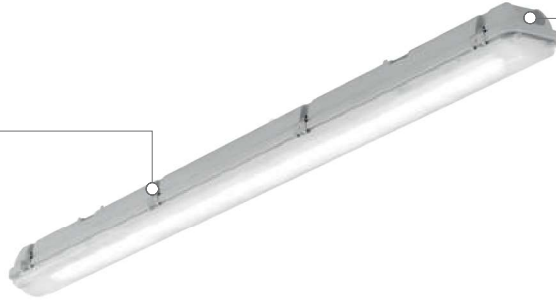
Montage: Plafonnier (C). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤ 3 , 50.000h, L80 B10. **Optique:** Diffuseur polycarbonate opal satiné (SOP). **Corps:** Polycarbonate. **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DALI-TD). **Bloc de sécurité:** Version kit d'urgence avec autonomie 1h ou 3h. **Température ambiante:** De -20°C à +50°C (version standard), de -40°C à +50°C (version Polaire). **Indice IP:** 66. **Accessoires** (à commander séparément): Clips de fixation en acier inoxydable disponibles sur demande. **Livre avec:** Support de montage au plafond.

Fast installation

Quick power connector and click-in system

Stainless steel clips

Included with Polar version. For LED versions with body dimension 1277x145 mm available as an accessory.



Quick connector

Fast and easy connection without opening the fixture (LED versions only)

5700 LED

LUMEN OUTPUT	POWER	DRIVER	L (mm)	WEIGHT (kg)	ARTICLE NO	
					3000K	4000K
3600 lm	27W	FO	1277	1,8	15711x11000	15711x12000
4900 lm	35W	FO, DALI	1277	1,8	15711x13000	15711x14000
6500 lm	47W	FO, DALI	1573	2,3	15711x33000	15711x34000

i In case of DALI and EM combination note that the same power line supply DALI driver and emergency kit.

5700 LED

LUMEN OUTPUT	POWER	DRIVER	L (mm)	WEIGHT (kg)	ARTICLE NO	
					3000K	4000K
6300 lm	47W	FO, EM 1/3h	1277	2,9	15711x21000	15711x22000
7800 lm	61W	FO, DALI, EM 1/3h	1277	2,1	15711x23000	15711x24000

i Stainless steel clips available as accessory – order separately
i In case of DALI and EM combination note that the same power line supply DALI driver and emergency kit.

5700 LED Polar

LUMEN OUTPUT	POWER	DRIVER	L (mm)	WEIGHT (kg)	ARTICLE NO	
					3000K	4000K
Cold storage -25°C versions						
4600 lm	33W	FO, DALI	1277	2,8	15712x21000	15712x22000
6300 lm	47W	FO, DALI	1277	2,8	15712x23000	15712x24000
Cold storage -40°C versions						
4600 lm	33W	FO, DALI	1277	2,8	15713x21000	15713x22000
6300 lm	47W	FO, DALI	1277	2,8	15713x23000	15713x24000

i In case of DALI and EM combination note that the same power line supply DALI driver and emergency kit.

Accessories

TYPE	WEIGHT (kg)	ARTICLE NO
Stainless steel clip set 5700 L1200 (8 pcs)	0,1	707120986
Stainless steel clip set 5700 L1500 (10 pcs)	0,1	707120987
5700 suspension chain set 2m		701144129

i Stainless steel clips can be mounted only on LED versions with body dimension 1277x145 mm.

Select your preferred option

For detailed explanations see technical pages.

Driver	x	Emergency	x
FO - fixed output	4	FO EM 1h	7
DALI-TD	1	DALI EM 1h	2
		FO EM 3h	5
		DALI EM 3h	6



Haron

Imagine. Create. Repeat.

The best angle is tri-angle

Haron can be sophisticated or eclectic, crazily colourful or monotone and classy, it can be your secondary ceiling in a hallway or a building facade with a splash of light that simply can't go unnoticed. And it's not only about the razzle-dazzle, it can also be assembled as a classical rectangle to use on railway, bus or petrol stations... It's like a blank canvas for all your 'I want to do that' ideas ...

Haron is a luminaire that makes the world a brighter place as it enables special effects created with light drawing, making this product so great you simply cannot ignore it.

De beste hoek is een driehoek.

Haron kan geraffineerd zijn of eclectisch, waanzinnig kleurrijk of rustig en stijlvol. Hij kan uw secundair plafond zijn in een hal of een gevel van een gebouw vormen met een fontein van licht zodat deze niet onopgemerkt kan blijven. En het gaat niet alleen om de samenstelling van verschillende vormen, hij kan tevens samengesteld worden als een klassieke rechthoek voor gebruik bij trein-, bus- of benzinestations.... Het is als een blanco canvas voor al uw "dat wil ik doen" ideeën.

Haron is een armatuur dat de wereld lichter doet lijken doordat hij speciale effecten mogelijk maakt die gecreëerd worden door te tekenen met licht. Dit maakt dit product zo fantastisch dat het gewoon niet genegeerd kan worden

Le meilleur angle est le tri-angle.

Haron peut être sophistiqué ou éclectique, aux couleurs folles ou monotones, et classique. Il peut être votre second plafond dans un couloir ou une façade de bâtiment comme une explosion de lumière qui ne passera tout simplement pas inaperçue. Et il ne s'agit pas seulement d'un effet tape à l'œil, il peut aussi être assemblé en rectangle classique à utiliser dans les gares ferroviaires, routières ou les stations-service.... C'est comme une toile blanche pour toutes vos idées créatives.

Haron est un luminaire qui rend le monde plus lumineux car il permet des effets spéciaux créés grâce au dessin de la lumière, c'est ce qui rend ce produit si génial que vous ne pourrez tout simplement pas l'ignorer.



Kalverpassage, Amsterdam, The Netherlands Architecture: de Architekten Cie
Lighting design: Etienne Bindels Licht & Techniek Light artist: Sigrid Calon





HARON

T
Triangle

SQ
Square

L
Linear

Diffuser

SOP

SOP

SOP

Light output

Lighting fixture
Light source

1600 - 7800 lm
2630 - 12780 lm

17600 lm
29000 lm

9600 lm
15800 lm

Efficacy

Lighting fixture
Light source

up to 97 lm/W
up to 183 lm/W

up to 97 lm/W
up to 183 lm/W

up to 97 lm/W
up to 183 lm/W

LED colour

830 / 840
RGBW

•
•

•
•

•
-

Driver

FO / DALI / remote

FO / DALI / remote

FO / DALI

IP protection

IP66

IP66

IP66

Colour finish

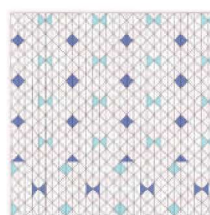
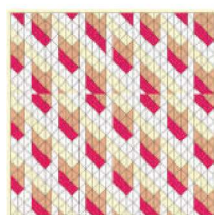
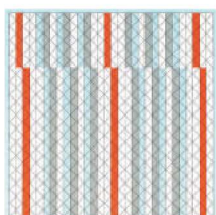
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9

9

A canvas for all your ideas

Make art with light



Sigrid Calon

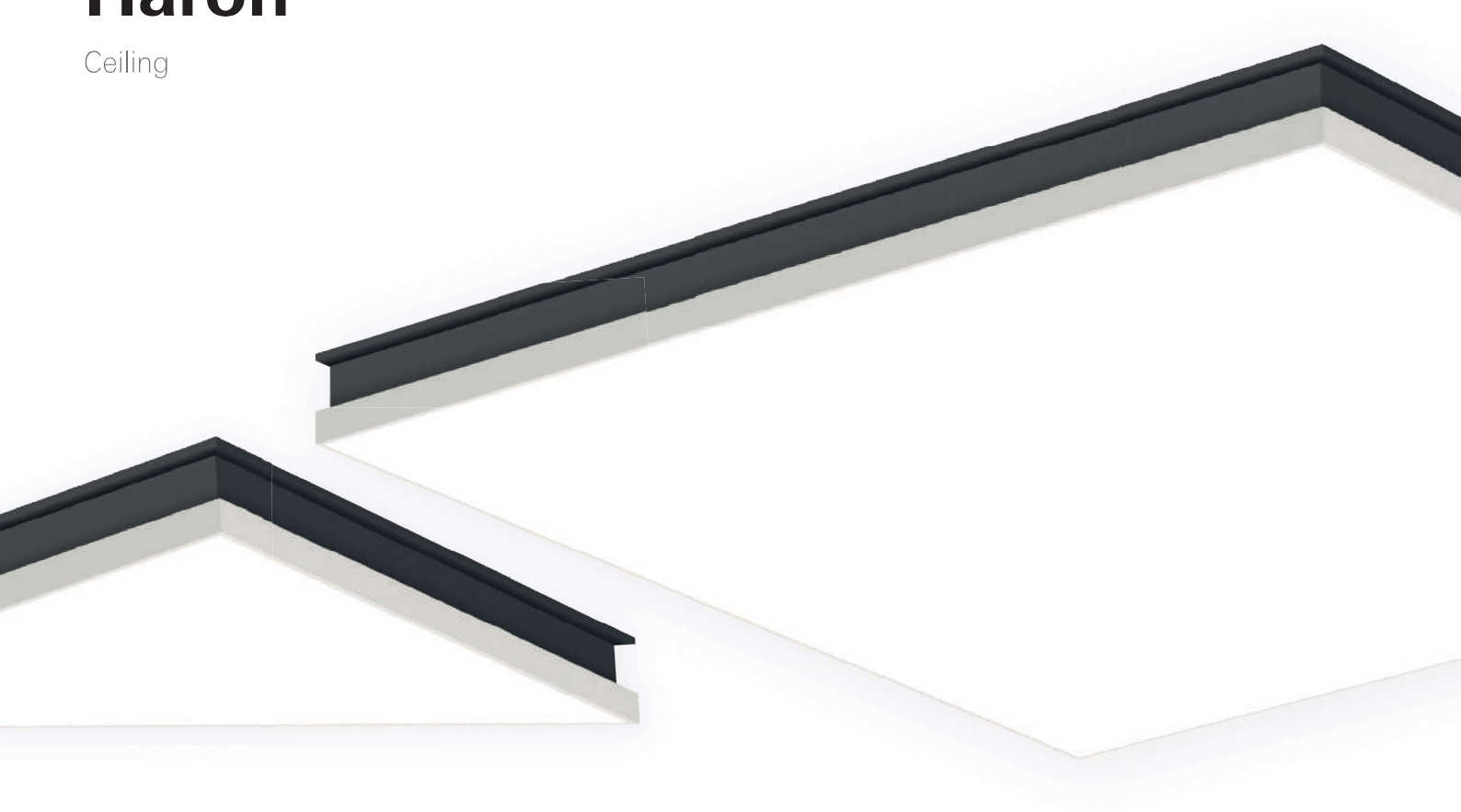
The artist who turned the ceiling into an immersive, site-specific work of art for the Kalverpassage project.

www.sigridcalon.nl



Haron

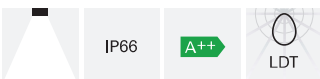
Ceiling



Features

Light output: 140 - 17600 lm

Colours: 9



230V
50Hz



Installation: Ceiling mounted on special construction (C). **Light source:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Optic:** Satin opal glass diffuser (SOP). **Body:** Aluminium frame and steel sheet backplate. **Control gear:** Constant current driver - order separately. **IP protection:** 66.

Montagewijze: Plafond gemonteerd op speciale constructie (C). **Lichtbron:** High-flux PCB LED modules, mid-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Optiek:** . **Behuizing:** Aluminium frame en plaatstalen achterplaat. **Voeding:** Constante stroomgestuurde driver - afzonderlijk bestellen. **IP:** 66.

Montage: Plafond monté sur construction spéciale (C). **Source de luminaire:** Modules PCB LED haut flux, moyenne puissance SMD LED, IRC>80, MacAdam ≤ 3 , 50.000h, L80 B10. **Optique:** . **Corps:** Boîtier en tôle d'acier avec cadre en aluminium. **Platine:** Driver à courant constant - à commander séparément. **Indice IP:** 66.

Application possibilities

Quick power connector and click-in system

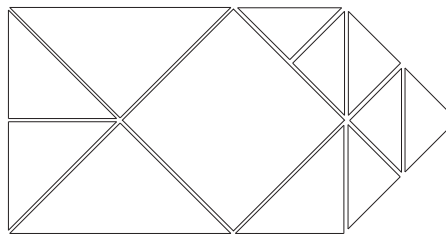


Protection at its best

IP 66 protection makes this luminaire suitable for outdoor applications where light is exposed to rain, dust and high temperatures.

Application possibilities

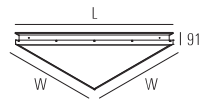
Combine different shapes and sizes



Haron T



LUMEN OUTPUT	POWER	DRIVER	L (mm)	W (mm)	WEIGHT (kg)	ARTICLE NO	
						3000K	4000K
1600 lm	16W	500 mA external	472	334	4,0	1592101310y	1592101410y
3650 lm	38W	FO, DALI	695	491	7,5	15921x1320y	15921x1420y
7800 lm	80W	FO, DALI	1002	709	14,8	15921x1330y	15921x1430y
						RGBW	
140 lm	4W	24V external	472	334	4,0	1592101810y	
280 lm	5W	24V external	695	491	7,5	1592101820y	
600 lm	7W	24V external	1002	709	14,8	1592101830y	



i Contact factory for RGBW driver and controller information.

Haron SQ



LUMEN OUTPUT	POWER	DRIVER	L (mm)	WEIGHT (kg)	ARTICLE NO	
					3000K	4000K
17600 lm	182W	FO, DALI	709	29,9	15922x1330y	15922x1430y
1200 lm	30W	24V external	709	29,9	1592201830y	

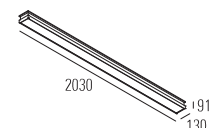


i Contact factory for RGBW driver and controller information.

Haron L



LUMEN OUTPUT	POWER	DRIVER	L (mm)	WEIGHT (kg)	ARTICLE NO	
					3000K	4000K
9600lm	99W	FO, DALI	2030	15,1	15923x1310y	15923x1410y



Select your preferred option

For detailed explanations see technical pages.

Driver	x	Colour	y
FO - fixed output	4	Anthracite	9
DALI-TD	1		



Nias

Safety first

Clever performance under the stars.

People need the feeling of safety and a sense of security during the night. However, luminaires should be dark sky friendly, efficient and responsive to the surroundings. Nias combines the latest technology and high optical requirements to reach all of these.

A long lasting solution is available in many models for various applications, such as parking spaces, roads, pedestrian and cycling areas. It's designed to bring the light where it is needed, reducing light loss to the minimum and energy saving to the maximum.

Slimme prestaties in duistere nachten.

Als het buiten donker wordt verlangen mensen naar een veilig en beschermd gevoel. Armaturen voor de verlichting van buitenomgevingen moeten efficiënt zijn en zich kunnen aanpassen aan de omgeving. Ze mogen echter niet bijdragen aan lichtvervuiling; Nias combineert de laatste technologieën en hoge optische vereisten om dit te verwezenlijken.

We bieden duurzame oplossingen in vele modellen voor verschillende toepassingen, zoals parkeerplaatsen, wegen, voet- en fietspaden. Nias is ontworpen om licht te laten schijnen waar en wanneer het nodig is. Resultaat: Een maximale energiebesparing bij minimaal lichtverlies.

Des performances intelligentes sous les étoiles.

Les gens ont besoin de se sentir en sécurité pendant la nuit. Malgré tout, les luminaires doivent respecter le ciel étoilé, être efficaces et réactifs par rapport à l'environnement. Nias combine les toutes dernières technologies avec des exigences optiques élevées pour satisfaire à toutes ces conditions.

Une solution durable est disponible dans de nombreux modèles pour différentes applications comme les parcs de stationnement, les routes, ainsi que les zones piétonnes et cyclistes. Conçu pour apporter la lumière à l'endroit où elle est nécessaire, Nias réduit au minimum les pertes de lumière et augmente au maximum les économies d'énergie.







NIAS

12 X LED

24 X LED

36 X LED

48 X LED

Application

Road	•	•	•	•
Pedestrian crossing	-	•	•	•
Bike lanes	•	•	-	-
Car parks	•	•	-	-

Light output

2430-3250 lm	4870-6490 lm	7300-9730 lm	12300 lm
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Efficacy

Lighting fixture	up to 125 lm/W	up to 131 lm/W	up to 128 lm/W	up to 121 lm/W
Light source	up to 115 lm/W	up to 135 lm/W	up to 135 lm/W	up to 135 lm/W

LED colour

3000 K	•	•	•	•
4000 K	•	•	•	•

IP Protection

IP 65	IP 65	IP 65	IP 65
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Driver/ballast

Fixed output - FO	•	•	•	•
Meridian - DEB-M	•	•	•	•

Surge protection

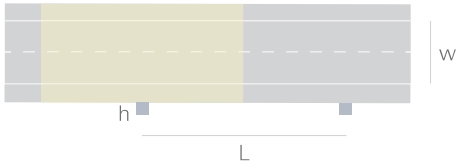
10 kV	10 kV	10 kV	10 kV
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Temperature

from -25°C to 45°C	from -25°C to 45°C	from -25°C to 45°C	from -25°C to 45°C
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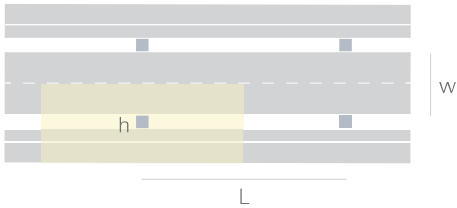
Optimized light distribution for various applications

Road – motorized traffic, pedestrians



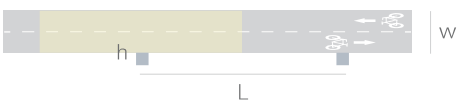
Street category	L = 25 m, h = 6 m, w = 6 m	L = 35 m, h = 10 m, w = 6 m
ME4a	Nias ST2 9730 lm	Nias ST4 12300 lm
ME4b	Nias ST2 9730 lm	Nias ST4 12300 lm
ME5	Nias ST2 7300 lm	Nias ST4 9730 lm
ME6	Nias ST2 4870 lm	Nias ST4 7300 lm

Road – motorized traffic, pedestrians, cyclists



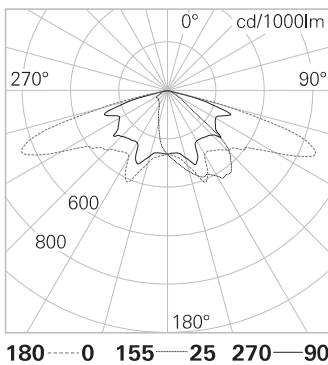
Street category	L = 30 m, h = 10 m, w = 7 m	L = 35 m, h = 10 m, w = 7 m
ME2	Nias ST4 9730 lm	Nias ST4 12300 lm
ME3c	Nias ST2 7300 lm	Nias ST4 9730 lm
ME4a	Nias ST2 7300 lm	Nias ST2 7300 lm

Bike lanes – cycling, pedestrians

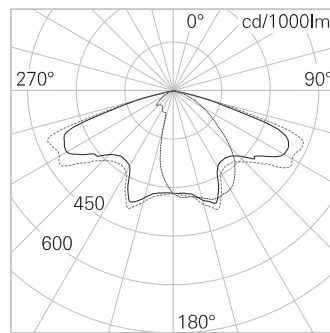


Street category	L = 28 m, h = 5 m, w = 2 m	L = 26 m, h = 4 m, w = 2 m
S4	Nias C 3250 lm	Nias C 2430 lm
S5	Nias C 2430 lm	Nias C 2430 lm
S6	Nias C 2430 lm	Nias C 2430 lm

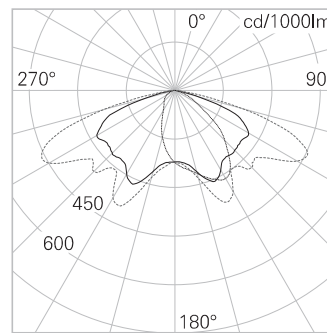
ST1



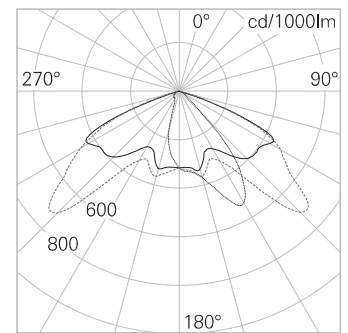
ST2



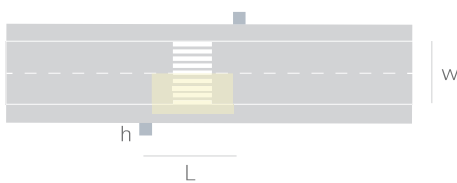
ST3



ST4



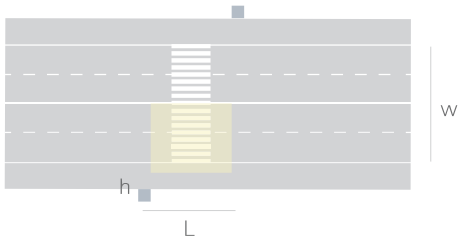
Pedestrian crossings – motorised traffic, pedestrians



Street type	L = 5 m, h = 4 m, w = 6 m, sidewalk 1,5 m
Single-lane	Nias CR 4870 lm

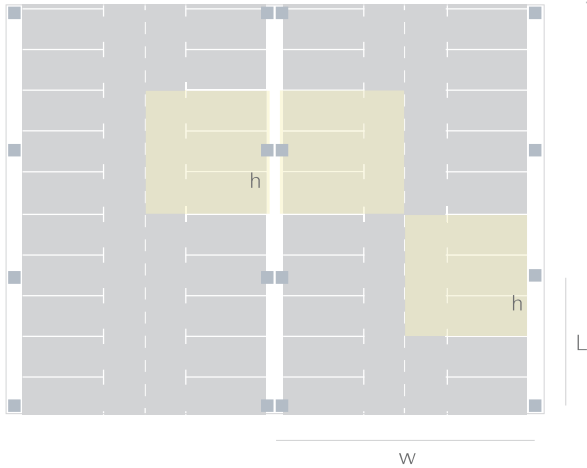
L = distance between the poles, h = installation height, w = road width

Pedestrian crossings – motorised traffic, pedestrians



Street type **L = 7 m, h = 6 m, w = 12 m, sidewalk 2 m**
 Multiple lanes **Nias CR 12300 lm**

Car parks – pole or wall installation

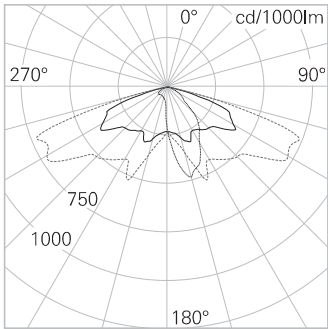


L = 22,5 m, h = 6 m, w = 31,5 m L = 24 m, h = 8 m, w = 33 m

Shopping centers (20 lx) **Nias P 4870 lm** **Nias P 7300 lm**
 Office buildings (10 lx) **Nias P 3250 lm** **Nias P 3250 lm**

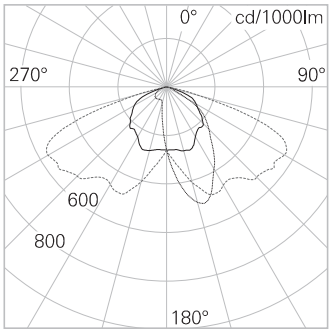
L = distance between the poles, h = installation height, w = road width

C - Bike lanes

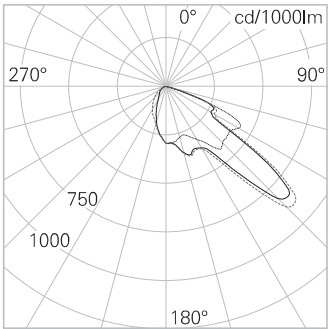


180 0 155 25 270 90

P - Car parks



CR - Pedestrian crossing



Nias

Pole or wall mounted



130 lm/W



Features

Light output: 2430 - 12300 lm Colours: 6



Installation: Pole or wall mounted for outdoor applications. **Light source:** High-flux PCB LED modules, high-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Optic:** Acrylic high efficiency lenses with clear tempered glass 4 mm thick resistant to thermal shock and impacts (UNI-EN 12150-1 : 2001). **Body:** Die-cast aluminium with good heat dissipation and mechanical performance. **Application:** Street, cycling, pedestrian, pedestrian crossing, parking. **Orientation:** Luminaire holder tilt $\pm 10^\circ$ (wall installation) and from 0° to 40° (straight pole). **Control gear:** Integrated highly-efficient driver with fixed output (FO) or dimmable (DEB-M, 1-10V). DEB-M enable automatic midnight reduction of power consumption. **IP protection:** 65. **Complete with:** Adjustable fixing block for 50/60 mm pole, silicone cable with quick connector for easy luminaire installation, surge protection 10KV on request.

Montagewijze: Paaltop/paalopzet of wand. **Lichtbron:** High-flux PCB LED modules, High-power SMD LED, CRI > 80, MacAdam ≤ 3 , 50.000h L80 B10. **Optiek:** Acryl-lenzen met hoog rendement en helder gehard glas met een dikte van 4 mm, bestand tegen thermische schokken (UNI-EN 12150-1: 2001). **Behuizing:** Die-cast aluminium met uitstekende warmteafvoer en mechanische prestaties. **Toepassing:** Straat, fietspaden, voetpaden, voetgangers oversteekplaatsen, parkeerplaatsen. **Rotatie:** Armatuur houder $\pm 10^\circ$ kantelbaar (wand installatie) en van 0° tot 40° (paalopzetmast). **Voeding:** Geïntegreerde zeer efficiënte driver met vaste output (FO) of dimbaar (DEB-M, 1-10V). DEB-M maakt automatische middernachtvermindering van het stroomverbruik mogelijk. **IP:** 65. **Voorzien van:** Verstelbaar bevestigingsblok voor 50/60 mm paal, siliconenkabel met snelaansluiting voor eenvoudige armatuurinstallatie, overspanningsbeveiliging 10KV op aanvraag.

Montage: Sur pied ou mural pour application extérieure. **Source de luminaire:** Modules PCB LED haut flux, haute puissance SMD LED, IRC > 80, MacAdam ≤ 3 , 50.000h, L80 B10. **Optique:** Verres acryliques à haute efficacité avec verre trempé clair de 4 mm d'épaisseur résistant aux chocs thermiques et aux impacts (UNI-EN 12150-1: 2001). **Corps:** Aluminium moulé sous pression avec bonne dissipation thermique et performance mécanique. **Application:** Rue, voie cyclable, voie piétonne, passage piéton, parking. **Orientation:** Inclinaison support lampe $\pm 10^\circ$ (installation applique) et de 0° à 40° (poteau verticale). **Platine:** Driver intégré haute efficacité avec sortie fixe (FO) ou gradable (DEB-M, 1-10 V). DEB-M permet une réduction automatique de la consommation d'énergie. **Indice IP:** 65. **Livre avec:** Bloc de fixation réglable pour poteau de 50/60 mm, câble en silicone avec connecteur rapide, pour une installation facile du luminaire, protection contre les surtensions 10KV sur demande.

Professional luminaire for urban and suburban environment

Optimized optics for various applications

Optic design to fit perfectly any application

Specific optics for street, cycling, pedestrian crossing and parking areas



From -25°C to 45°C

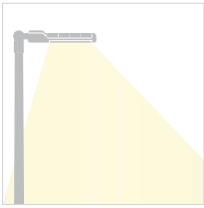
Constant performance at different ambient temperatures

Surge protection

Integrated additional 10 kV surge protection device

Dark sky friendly

No upward light from luminaires



Fast and easy installation

Pole diameter 50 / 60 mm. Supplied with neoprene cable and quick connector

Lumen packages for specific needs

High efficiency and uniform illumination



12x LED

24x LED

36x LED

48x LED

Accessories for pole or wall mounting

Select fixed or adjustable wall or pole bracket

Adjustable pole mounted bracket



Adjustable wall mounted bracket



Pole bracket

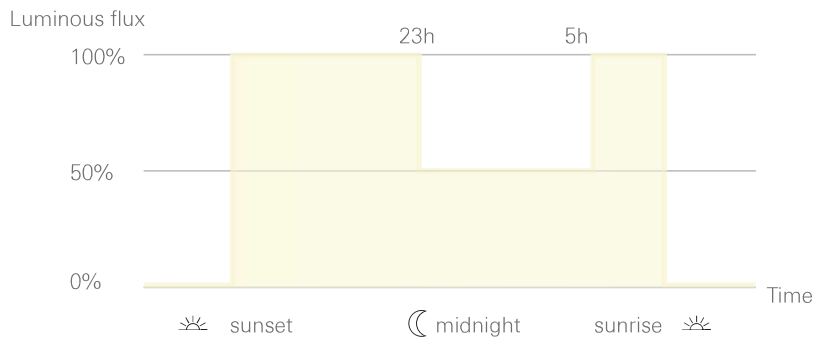


Wall bracket

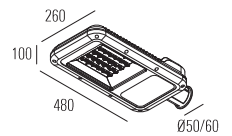


Total automation with Meridian automatic reduction

All fixtures are fitted with Dynadimmer LITE drivers and enable automatic reduction of the light during the night in order to save energy. FO version is set to have full light while Meridian perform reduction of the light to 50% from 23 PM till 5 AM. On request is possible to set the hours and light level differently.



Nias



LUMEN OUTPUT	POWER	DRIVER	WEIGHT (kg)	3000K	4000K	ARTICLE NO
ST - Street optic type						
2430 lm	19W	FO, Meridian	12	17616x4y006	17616x3y006	
3250 lm	27W	FO, Meridian	12	17616x6y006	17616x5y006	
4870 lm	37W	FO, Meridian	12	17611x4y006	17611x3y006	
6490 lm	52W	FO, Meridian	12	17611x6y006	17611x5y006	
7300 lm	57W	FO, Meridian	12	17615x4y006	17615x3y006	
9730 lm	80W	FO, Meridian	12	17615x6y006	17615x5y006	
12300 lm	102W	FO, Meridian	12	17612x6y006	17612x5y006	
C - Cycling						
2430 lm	19W	FO, Meridian	12	17616x48006	17616x38006	
3250 lm	27W	FO, Meridian	12	17616x68006	17616x58006	
4870 lm	37W	FO, Meridian	12	17611x48006	17611x38006	
6490 lm	52W	FO, Meridian	12	17611x68006	17611x58006	
CR - Pedestrian crossing						
4870 lm	37W	FO, Meridian	12	17611x47006	17611x37006	
7300 lm	57W	FO, Meridian	12	17615x47006	17615x37006	
9730 lm	80W	FO, Meridian	12	17615x67006	17615x57006	
12300 lm	102W	FO, Meridian	12	17612x67006	17612x57006	
P - Parking						
2430 lm	19W	FO, Meridian	12	17616x49006	17616x39006	
3250 lm	27W	FO, Meridian	12	17616x69006	17616x59006	
4870 lm	37W	FO, Meridian	12	17611x49006	17611x39006	
6490 lm	52W	FO, Meridian	12	17611x69006	17611x59006	

On request available also with 1-10V or DALI driver

Select your preferred option

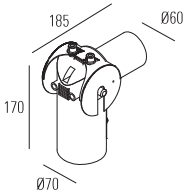
For detailed explanations see technical pages.

Driver	x	Street optic type	y
FO - fixed output	1	ST1	1
Meridian	2	ST2	2
		ST3	3
		ST4	4

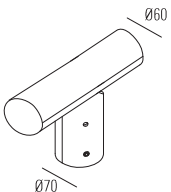
Accessories



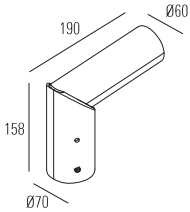
ITEM	ARTICLE NO
Adjustable pole bracket	17610010000



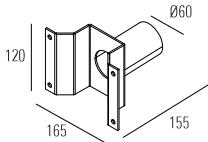
Pole T bracket	1761004000
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Pole bracket 90°	17610020000
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Wall bracket	17610030000
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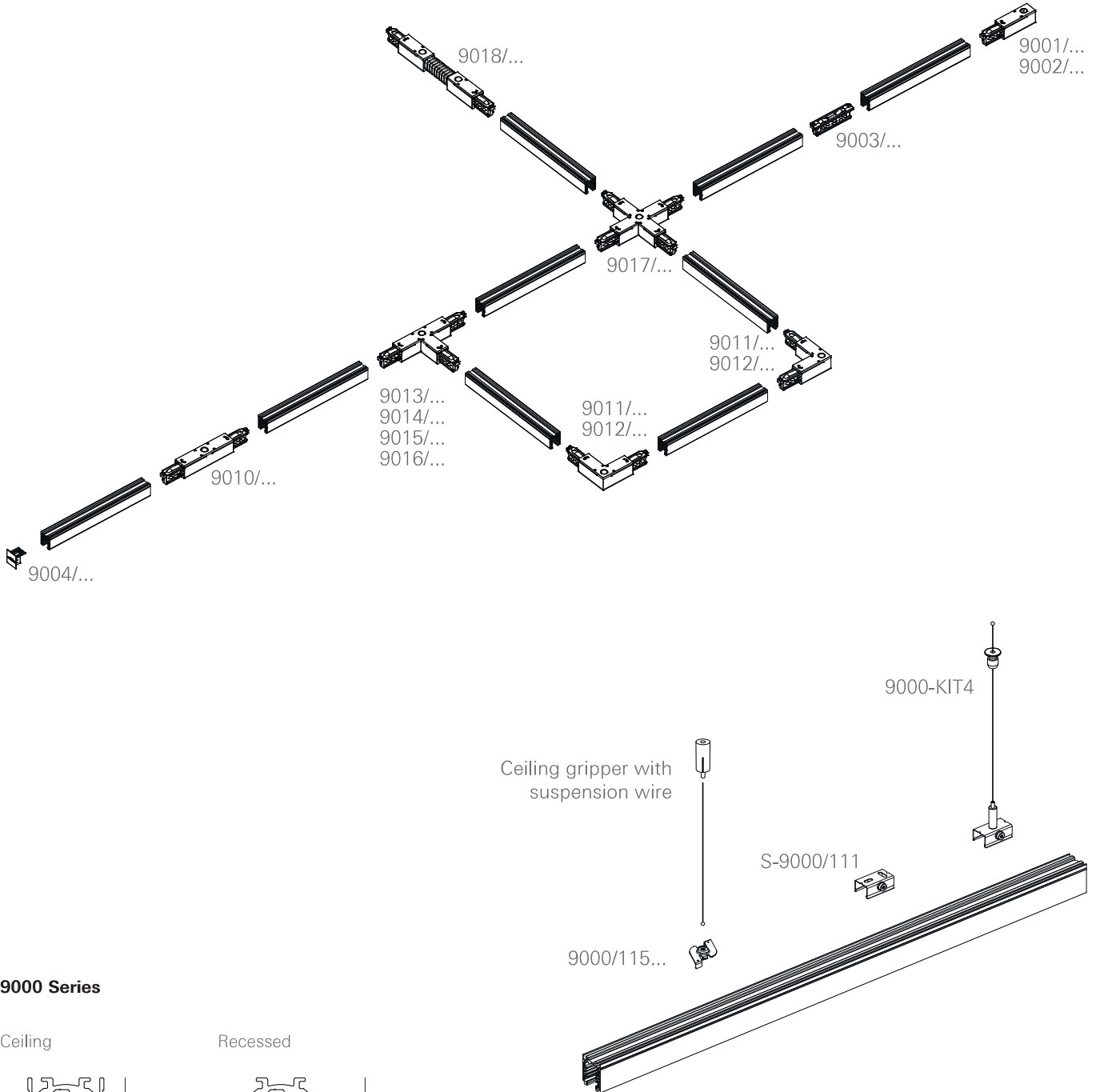


Spots tracks

3-circuit lighting track system with DALI control line

High load capacity and variety of different components offers application in many different spaces, including shops, department stores, public buildings, restaurants, airports and offices. There is a recessed version also available for suspended ceilings, too. The standard colours are white and black.

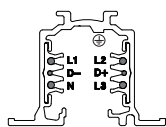
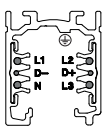
Lighting track system overview



9000 Series

Ceiling

Recessed



37,8

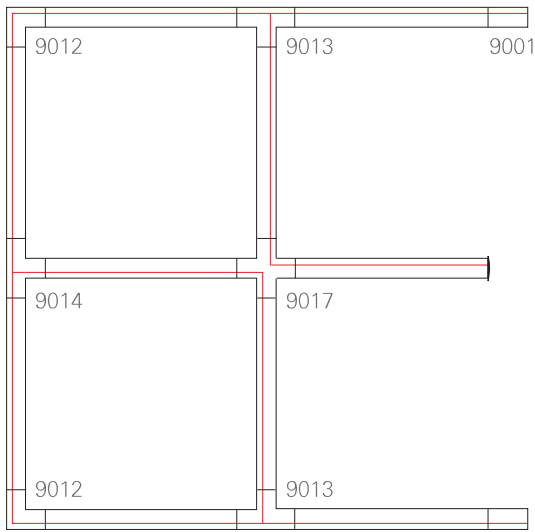
37,8

31,4

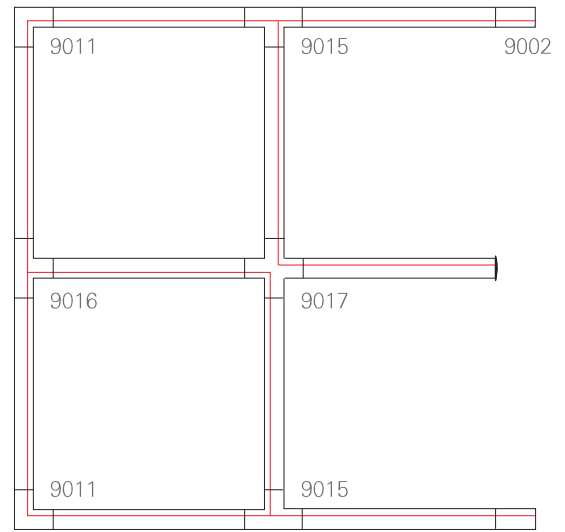
52

Ground indicator – use of L, T and X connectors

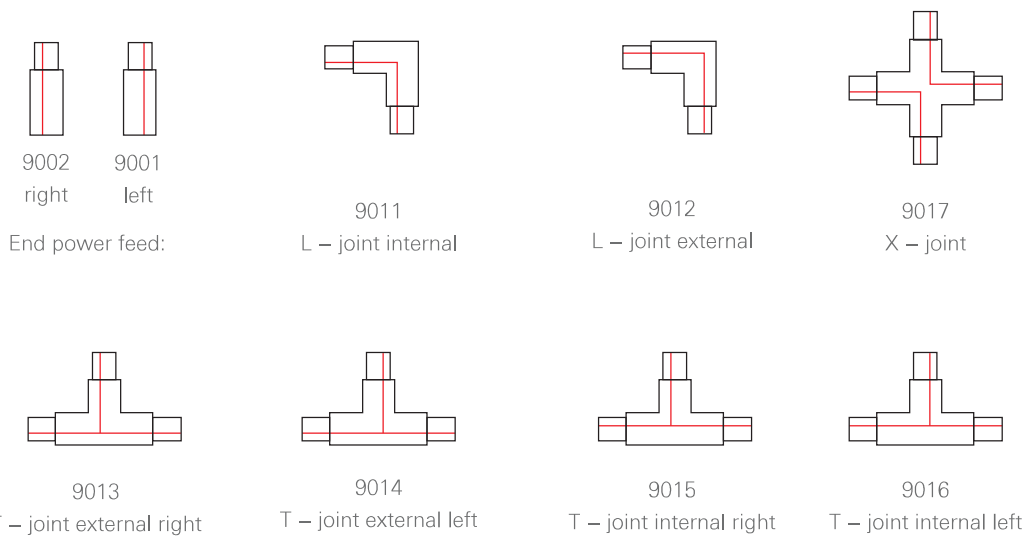
The earth conductor is on the same side as ridge of the track. During selection of power feed and LTX connectors take care that the continuous line is not interrupted.



Floor view – red line indicates ridge of the track

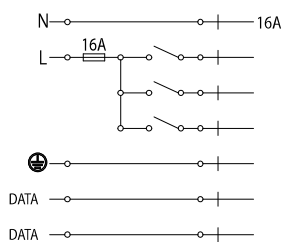


Floor view – red line indicates ridge of the track



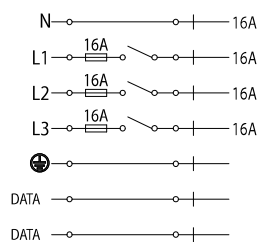
Electrical connection

1-phase, 3-circuit Supply



230V AC, 16A, 3.7 kVA Track
N – conductor I = max 16A

3-phase, 3-circuit Supply



230V AC, 16A, 3x3.7 kVA Track
L1+L2+L3: I = max 16A

Accessories



TYPE	WEIGHT (KG)	ARTICLE NO
9000-1 surface track 1000 mm white	1,1	702210292
9000-2 surface track 2000 mm white	2,2	702210293
9000-3 surface track 3000 mm white	3,2	702210294
9000-1 surface track 1000 mm black	1,1	702210296
9000-2 surface track 2000 mm black	2,2	702210297
9000-3 surface track 3000 mm black	3,2	702210298



TYPE	WEIGHT (KG)	ARTICLE NO
9000-1 recessed track 1000 mm white	1,2	702210304
9000-2 recessed track 2000 mm white	2,3	702210305
9000-3 recessed track 3000 mm white	3,5	702210306
9000-1 recessed track 1000 mm black	1,2	702210308
9000-2 recessed track 2000 mm black	2,3	702210309
9000-3 recessed track 3000 mm black	3,5	702210310



TYPE	WEIGHT (KG)	ARTICLE NO
End power feed L 9001 white	0,2	702210202
End power feed L 9001 black	0,2	702210203
End power feed R 9002 white	0,2	702210205
End power feed R 9002 black	0,2	702210206



TYPE	WEIGHT (KG)	ARTICLE NO
Central power feed joint 9010 white	0,2	702210220
Central power feed joint 9010 black	0,2	702210221



TYPE	WEIGHT (KG)	ARTICLE NO
Joint element 9003 white	0,1	702210208
Joint element 9003 black	0,1	702210209



TYPE	WEIGHT (KG)	ARTICLE NO
L joint internal 9011 white	0,2	702210223
L joint internal 9011 black	0,2	702210224
L joint external 9012 white	0,2	702210226
L joint external 9012 black	0,2	702210227



TYPE	WEIGHT (KG)	ARTICLE NO
Corner adjust 9018 white	0,3	702210244
Corner adjust 9018 black	0,3	702210245

Accessories



TYPE	WEIGHT (KG)	ARTICLE NO
T join external feed R 9013 white	0,3	702210229
T join external feed R 9013 black	0,3	702210230
T join external feed L 9014 white	0,3	702210232
T join external feed L 9014 black	0,3	702210233
T join internal feed R 9015 white	0,3	702210235
T join internal feed R 9015 black	0,3	702210236
T join internal feed L 9016 white	0,3	702210238
T join internal feed L 9016 black	0,3	702210239



TYPE	WEIGHT (KG)	ARTICLE NO
X joint 9017 white	0,4	702210241
X joint 9017 black	0,4	702210242



TYPE	WEIGHT (KG)	ARTICLE NO
End cap 9004 white	0,1	702210211
End cap 9004 black	0,1	702210212



TYPE	WEIGHT (KG)	ARTICLE NO
Stucchi S-9001-R/6-W recessed cover for end feed white	0,1	702210436
Stucchi S-9010-R/6-W recessed cover for middle feed white	0,1	702210437
Stucchi S-9011-R/6-W recessed cover for L-feed white	0,2	702210438
Stucchi S-9013-R/6-W recessed cover for T-feed white	0,3	702210439
Stucchi S-9017-R/6-W recessed cover for X-feed	0,3	702210440
Stucchi S-9001-R/6-B recessed cover for end feed black	0,2	702210441
Stucchi S-9010-R/6-B recessed cover for middle feed black	0,2	702210442
Stucchi S-9011-R/6-B recessed cover for L-feed black	0,2	702210443
Stucchi S-9013-R/6-B recessed cover for T-feed black	0,3	702210444
Stucchi S-9017-R/6-B recessed cover for X-feed	0,3	702210445




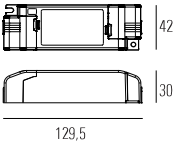


TYPE	WEIGHT (KG)	ARTICLE NO
Stucchi 9000-KIT 4-1,5 suspension set with fine adjustment 1500 mm	0,4	702210340
Stucchi 9000-KIT 4-3 suspension set with fine adjustment 3000 mm	0,6	702210341
Stucchi 9000-KIT 4-5 suspension set with fine adjustment 5000 mm	0,8	702210342
Stucchi S-9000/115-W track-fixing bracket for suspension with ceiling gripper white	0,3	702210390
Stucchi S-9000/115-W track-fixing bracket for suspension with ceiling gripper black	0,3	702210391
Ceiling gripper with 1,5m suspension wire	0,3	707110029
Ceiling gripper with 3m suspension wire	0,4	707110030
Ceiling gripper with 5m suspension wire	0,5	707110075



TYPE	WEIGHT (KG)	ARTICLE NO
Track cover 1m S-9000 white	0,2	702210250
Track cover 1m S-9000 black	0,2	702210251
Ceiling bracket S-9000/111	0,1	702210258
Cutting tool S-9000/T	0,5	702210254

Drivers

Constant current drivers

	ARTICLE	TYPE	CURRENT SET	POWER	U OUT DC	I OUT DC	CUT-OUT	ARTICLE NO	
	DR AL125 10W	FO		10W	40V	250mA	32	702120154	
	DR AL170 10W	FO		10W	14V	700mA	32	702120157	
	ARTICLE	TYPE	CURRENT SET	POWER	U OUT DC	I OUT DC	CUT-OUT	ARTICLE NO	
	DR LC10SR 10W 350mA 29V FO			10W	29V	350mA		702120255	
	ARTICLE	TYPE	CURRENT SET	POWER	U OUT DC	I OUT DC	CUT-OUT	ARTICLE NO	
	DR U20 MP 20W 250-700mA	FO	DIP	13W	57V	250mA	55 mm	702120100	
				19W	57V	350mA			
				20W	44V	450mA			
				20W	40V	500mA			
				20W	28V	700mA			
	ARTICLE	TYPE	CURRENT SET	POWER	U OUT DC	I OUT DC	CUT-OUT	ARTICLE NO	
	DR J20D 20W 250-700mA	FO	DIP	10W	43V	250mA	55 mm	702120111	
				15W	43V	350mA			
				19W	43V	450mA			
				20W	40V	500mA			
				20W	28V	700mA			
	ARTICLE	TYPE	CURRENT SET	POWER	U OUT DC	I OUT DC	CUT-OUT	ARTICLE NO	
	DR P42 42W 300-1050mA	FO	DIP	15W	2-45V	350mA	54 mm	702120196	
				22W	2-45V	500mA			
				31W	2-45V	700mA			
				38W	2-42V	900mA			
				42W	2-40V	1050mA			
	ARTICLE	TYPE	CURRENT SET	POWER	U OUT DC	I OUT DC	CUT-OUT	ARTICLE NO	
	DR P38D 42W 300-1050mA	DALI	DIP	18W	18-54V	350mA	54 mm	702120256	
				27W	18-54V	500mA			
				38W	18-54V	700mA			
				38W	18-43V	900mA			
				38W	18-36V	1050mA			
	ARTICLE	TYPE	CURRENT SET	POWER	U OUT DC	I OUT DC	CUT-OUT	ARTICLE NO	
	DR MP50 50W 350-1050mA	FO	DIP	25W	2-74V	350mA	84 mm	702120075	
				35W	2-72V	500mA			
				46W	2-72V	650mA			
				50W	2-71V	700mA			
				50W	2-55V	900mA			
	ARTICLE	TYPE	CURRENT SET	POWER	U OUT DC	I OUT DC	CUT-OUT	ARTICLE NO	
	DR J40D 40W 350-1200mA	DALI/1-10V	DIP	18W	10-53V	350mA	84 mm	702120198	
				26W	10-53V	500mA			
				37W	10-53V	650mA			
				40W	10-53V	700mA			
				40W	10-44V	900mA			
	ARTICLE	TYPE	CURRENT SET	POWER	U OUT DC	I OUT DC	CUT-OUT	ARTICLE NO	
	DR J50D 50W 350-1050mA	DALI/1-10V	DIP	25W	2-74V	350mA	84 mm	702120117	
				35W	2-72V	500mA			
				46W	2-72V	650mA			
				50W	2-71V	700mA			
				50W	2-55V	900mA			
			50W	2-48V	1050mA				

Product - Driver cross reference table

ARTICLE	LED TYPE	VF	CURRENT	702120154	702120157	702120255	702120100	702120196	702120075	702120111	702120256	702120198	702120117	
				FO	FO	FO	FO	FO	FO	FO	FO	DALI	DALI	DALI
				AL125	AL170	LC10R	U20	P42	MP50	J20D	P38D	J40D	J50D	
Flea/Fyo	CRI80	3,1V	500mA				12	12	20	12	12	18	20	
			700mA		4		8	12	18	8	8	15	18	
Atos	CRI85/95	18V	250mA	2			3			2				
Deux Pieces R	CRI85/95	37,2V	500mA				1	1	1	1	1	1	1	
			700mA					1	1		1	1	1	
Pipes R 60-89 F	CRI85/95	18V	250mA				3			2				
			350mA			1	3	2	4	2	3	3	3	
			DW	36	250mA									
			350mA								1	1	2	
Pipes R 60-89 A	CRI85/95	18V	250mA				3			2		2	3	
			350mA			1	3	2	4	2	3	2	3	
			500mA				2	2	3	2	3	2	3	
			DW	36V	250mA									
					350mA								1	1
			500mA								1	1	2	
Pipes R 100-105	CRI85/95	36V	350mA				1	1	2	1	1	1	2	
			500mA				1	1	2	1	1	1	2	
			700mA					1	1		1	1	1	
	Vivid	36V	350mA				1	1	2	1	1	1	2	
			500mA				1	1	2	1	1	1	2	
	CW	36V	700mA				1	1	1	1	1	1	1	
			900mA				1	1			1	1	1	
	TW	24V	700mA											
	Pipes R 133-140	"CRI85/95 LES 15"	36V	350mA				1	1	2	1	1	1	2
500mA							1	1	2	1	1	1	2	
700mA								1	1		1	1	1	
"CRI85/95 LES 22"		52V	350mA						1		1	1	1	
			500mA						1		1	1	1	
			700mA						1		1	1	1	
Vivid		36V	500mA				1	1	2	1	1	1	2	
			700mA					1	1		1	1	1	
CW		36V	700mA					1	1		1	1	1	
			900mA					1	1		1	1	1	
			1050mA					1	1			1	1	
PW		36V	700mA					1	1		1	1	1	
	1050mA						1	1			1	1		
Pipes RIO/RVO 100	CRI85/95	36V	350mA				1	1	2	1	1	1	2	
			500mA				1	1	2	1	1	1	2	
			700mA					1	1		1	1	1	
	Vivid	36V	500mA				1	1	2	1	1	1	2	
			700mA					1	1		1	1	1	
	CW	36V	500mA				1	1	2	1	1	1	2	
			700mA					1	1		1	1	1	
	TW	24	700mA											

Product - Driver cross reference table

ARTICLE	LED TYPE	VF	CURRENT	702120154	702120157	702120255	702120100	702120196	702120075	702120111	702120256	702120198	702120117		
				FO	FO	FO	FO	FO	FO	FO	DALI	DALI	DALI	DALI	
				AL125	AL170	LC10R	U20	P42	MP50	J20D	P38D	J40D	J50D		
Hunter RI/RV	CRI85/95 Vivid CW TW	36V	350mA				1	1	2	1	1	1	2		
Hunter RIO/RVO			500mA			1	1	2	1	1	1	1	2		
			700mA					1	1	1	1	1	1		
			900mA					1	1	1	1	1	1		
			500mA					1	1	2	1	1	1	2	
			700mA					1	1	1	1	1	1	1	
			500mA					1	1	2	1	1	1	2	
			700mA					1	1	1	1	1	1	1	
Nitor/Narro PRO/HE			CRI85/95	36V	350mA				1	1	2	1	1	1	2
					500mA				1	1	2	1	1	1	2
					700mA						1	1	1	1	1
					900mA						1	1	1	1	1
Nitor PRO HC	CRI85/95	52V	500mA						1		1	1	1		
			700mA						1		1	1	1		
Nitor/Narro SOP/ DPR	CRI80	27V	350mA			1	1	1	2	1	2	1	2		
			500mA				1	1	2	1	2	1	2		
			700mA						1	2	1	1	1		
			900mA						1	1	1	1	1		
Nola R/C	CRI80	27V	250mA	1			1			1					
			350mA			1	1	2	1	2	1	2			
			500mA			1	1	2	1	2	1	2			

Max. distance between independent use LED driver and LED modules

Constant voltage driver (max. 70 W - 24 V)

Distance	5 m	10 m	20 m	30 m
Cable section	0,75 mm ²	1 mm ²	1,5 mm ²	2,5 mm ²

Constant voltage driver (150 W - 24 V / 70 W 12 V)

Distance	5 m	10 m	20 m	30 m
Cable section	1,5 mm ²	2,5 mm ²	4 mm ²	4 mm ²

Constant current driver (350 mA - 500 mA)

Distance	5 m	10 m	20 m	50 m
Cable section	0,25 mm ²	0,25 mm ²	0,5 mm ²	1 mm ²

Constant current driver (700 mA - 1 A)

Distance	5 m	10 m	20 m	50 m
Cable section	0,5 mm ²	0,5 mm ²	1 mm ²	2,5 mm ²

Constant current driver (1,2 A - 2 A)

Distance	5 m	10 m	20 m	30 m
Cable section	0,75 mm ²	1 mm ²	1,5 mm ²	2,5 mm ²

Dimmable driver (350 mA - 500 mA)

Distance	5 m	10 m	15 m	-
Cable section	0,25 mm ²	0,25 mm ²	0,5 mm ²	-


Dimmable driver (700 mA - 1 A)

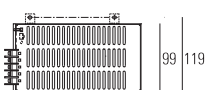
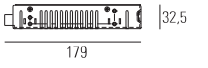
Distance	5 m	10 m	15 m	-
Cable section	0,5 mm ²	0,5 mm ²	1 mm ²	-


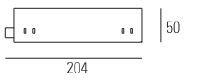
Dimmable driver (1,2 A - 2 A)

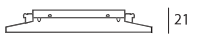
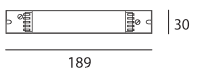
Distance	5 m	10 m	15 m	-
Cable section	1 mm ²	1 mm ²	2,5 mm ²	-

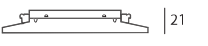
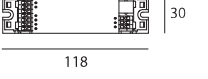
Constant voltage drivers

ARTICLE	TYPE	ARTICLE NO.	
	DR 20W/24V active PFC	FO	702120008
	DR LC 60W 24V	FO	702120244
	DR LC 100W 24V	FO	702120245
	DR LCA 60W 24V	DALI	702120242
	DR LCA 100W 24V	DALI	702120202


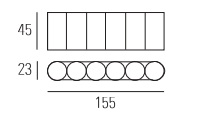
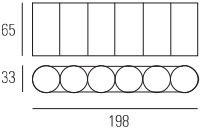
TYPE	ARTICLE NO.	
DR SP75 75W 24V active PFC	702120153	
DR SP100 100W 24V active PFC	702120134	
DR SP150 150W 24V active PFC	702120155	
DR 150W/24V active PFC	702120013	

TYPE	ARTICLE NO.	
DR SP240 240W 24V active PFC	702120156	
DR SP320 320W 24V active PFC	702150129	

TYPE	ARTICLE NO.	
Osram DALI repeater LI / max. 64 DALI addresses	702150059	 

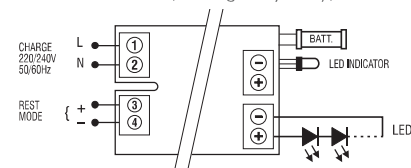
TYPE	ARTICLE NO.	
Osram DALI ECO BT	702150148	 

LED EM kit 1H/3H

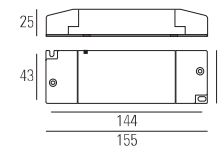
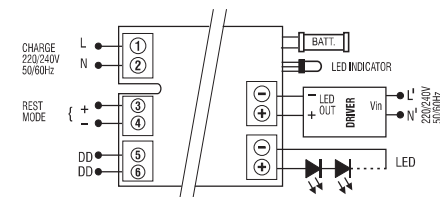
TYPE	POWER	ARTICLE NO.	
	LED EM KIT 1h 350mA 9-58V dc	702230114	
	LED EM KIT 3h 350mA 9-58V dc	702230115	

Wiring diagram for EM kit

Non-maintained (emergency only)



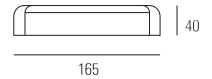
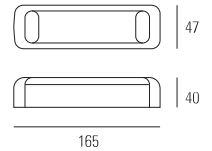
Maintained with external electronic driver



Freeled reciever - 24vdc



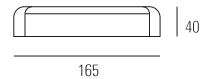
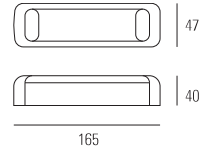
TYPE	ARTICLE NO
STRD LED dimmer receivers 12/24Vdc - 1 colour MASTER	702150141
STRD LED dimmer receivers 12/24Vdc - 1 colour SLAVE	702150142
RGB LED dimmer receivers 12/24Vdc- 3 colours MASTER	702150117
RGB LED dimmer receivers 12/24Vdc - 3 colours SLAVE	702150134
RGB LED dimmer receivers 12/24Vdc - 3 colours - syncroled MASTER	702150136
RGB LED dimmer receivers 12/24Vdc - 3 colours - syncroled SLAVE	702150137



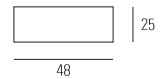
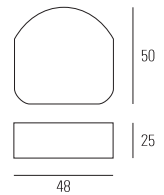
On/off reciever



TYPE	ARTICLE NO
RGL - On/off receivers for indoor lights and loads 2x1000W	702150140



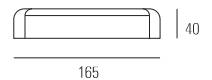
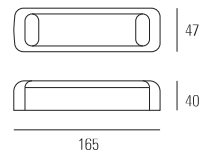
TYPE	ARTICLE NO
RRL - On/off receivers for indoor lights and loads 1x1000W	702150120



Radio reciever - DALI



TYPE	ARTICLE NO
RADIO RECEIVER WITH DALI OUTPUT FOR 20 DALI devices	702150121
RADIO RECEIVER WITH DALI OUTPUT FOR 64 DALI devices	702150139



Transmitters



TYPE	ARTICLE NO
PORTABLE AND TABLE/WALL TRANSMITTERS	702150141
POLY GLASS frame1-white	702150142
PORTABLE AND TABLE/WALL TRANSMITTERS	702150117
POLY GLASS frame2-white	702150134



TYPE	ARTICLE NO
PORTABLE AND TABLE/WALL TRANSMITTERS	702150128



TYPE	ARTICLE NO
PORTABLE TRANSMITTERS 7 channel	702150118
PORTABLE TRANSMITTERS 42 channel	702150122
PORTABLE TRANSMITTERS 7 channel +RGB colors	702150125

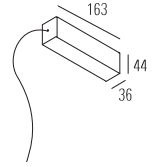
Ceiling cup

Available ceiling cup types

LS - Linear square



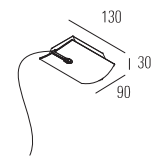
ITEM	ARTICLE NO
LS ceiling cup with transparent cable 3x0,75 mm ²	1001141sh9y
LS ceiling cup with transparent cable 5x0,75 mm ²	1001142sh9y
LS ceiling cup with transparent cable 3x1,5 mm ²	1001143sh9y
LS ceiling cup with transparent cable 5x1,5 mm ²	1001145sh9y



SH - Square high



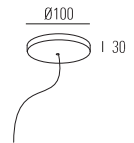
ITEM	ARTICLE NO
SH ceiling cup with transparent cable 3x0,75 mm ²	1001131sh9y
SH ceiling cup with transparent cable 5x0,75 mm ²	1001132sh9y
SH ceiling cup with transparent cable 3x1,5 mm ²	1001133sh9y
SH ceiling cup with transparent cable 5x1,5 mm ²	1001135sh9y



RH - Round high



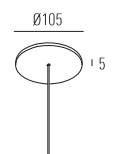
ITEM	ARTICLE NO
RH ceiling cup with transparent cable 3x0,75 mm ²	1001121sh9y
RH ceiling cup with transparent cable 5x0,75 mm ²	1001122sh9y
RH ceiling cup with transparent cable 3x1,5 mm ²	1001123sh9y
RH ceiling cup with transparent cable 5x1,5 mm ²	1001125sh9y



RF - Round flat


































ITEM	ARTICLE NO
RF ceiling cup with transparent cable 3x0,75 mm ²	1001111sh9y
RF ceiling cup with transparent cable 5x0,75 mm ²	1001112sh9y
RF ceiling cup with transparent cable 3x1,5 mm ²	1001113sh9y
RF ceiling cup with transparent cable 5x1,5 mm ²	1001115sh9y



Suspension length	sh	Colour	y
1500 mm	15	White	1
3000 mm	30	Black	2
5000 mm	50		

Symbol explanation

	CEILING		WITHOUT DRIVER		FULL TILIT
	RECESSED	230V 50Hz	POWER SUPPLY		ROTATION
	WALL	12V	POWER SUPPLY		ADJUSTABLE HEIGHT
	SUSPENDED	24V	POWER SUPPLY		LENGTH ON DEMAND
	FLOOR	CG	CONTROL GEAR REQUESTED		CUTOUT DIMENSION
	DIRECT-INDIRECT	M600	FIXTURE MODULE M600		ENERGY CARD
	DIRECT	M625	FIXTURE MODULE M625		PHOTOMETRY AVAILABLE
	INDIRECT	IK10	IK PROTECTION LEVEL		3D DESIGN AVAILABLE
IP40	IP PROTECTION LEVEL	AISI 316L	STAINLESS STEEL		REVIT BIM FILE AVAILABLE
	CE CERTIFICATE	UGR <19	UGR CLASS		NEW PRODUCT
	ENEC CERTIFICATE	HIGH CRI	HIGH CRI LED SOURCE		UPDATED PRODUCT
	FIXTURE CLASS I		TUNABLE WHITE		INFORMATION
	FIXTURE CLASS II		RGB		CAUTION
	FIXTURE CLASS III		ONE SIDE TILIT		HYPERLINK

Imprint

Thanks to each of you involved in bringing to light the new catalog 30. We did the hard work to make it simple and the result is visible. Different views and experiences are the best, when they connect in one story. And this is just the beginning of what is yet to come...

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Product developed within EUREKA programe, co-founded by MGRT

Project name	Product group
LED DWL	Nitor, Narro, Pipes RV, Pipes RIO/RVO
OPTI-LED	Atrix, SequaI, Demi HMP, Miwa HMP, Gyon HMP (razvoj Išč)
Medis	Medis

EUREKA
innovation across borders

 REPUBLIC OF SLOVENIA
MINISTRY OF ECONOMIC DEVELOPMENT
AND TECHNOLOGY



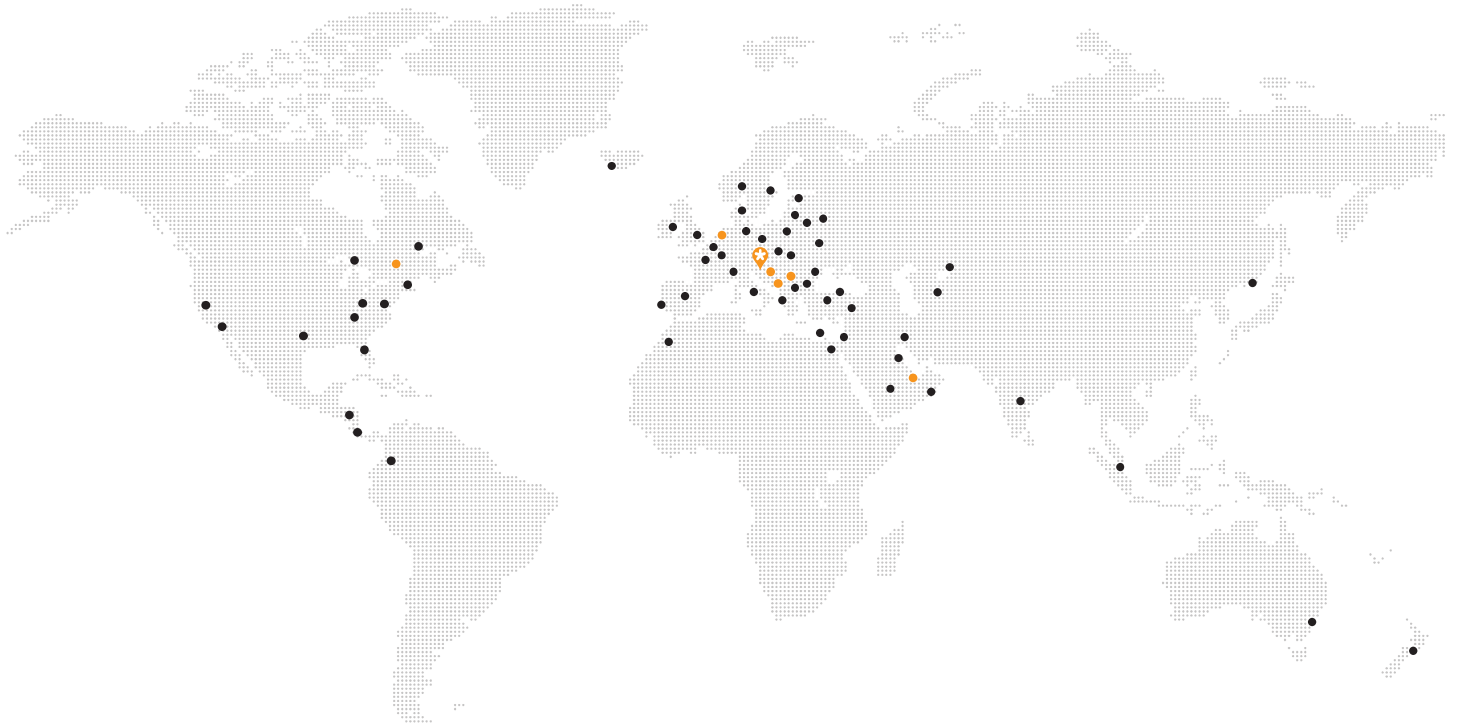
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Let's work together

Welcome to Intra lighting.

Our company, established in 1989, is a global provider of smart lighting solutions. As one of the most important players in the lighting market, we strive to contribute to the world's well-being. The future can be visible. All visible.

www.intra-lighting.com



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COLOUR RANGE

Pick your colour.

Select from colours to match your style.

BK — Short colour name
2 — Colour code



White

Matte White

Gloss White



Black

Matte Black

Gloss Black



Anthracite

Silver Aluminium

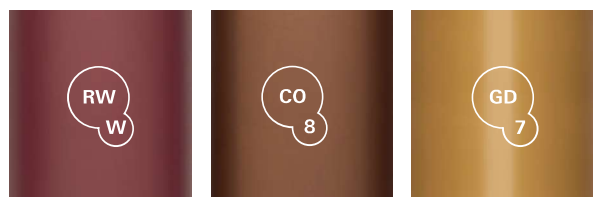
Cream Beige



Driftwood

Sweet Pear

Misty Rose



Red Wine

Corten

Gold



Mustard Green

Mountain Pine

Light Mint

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we can still surprise you!

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