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LIGHT IS SENSITIVE.  
IT'S AS INVITING AS IT IS FICKLE.

IT ILLUMINATES AND BLINDS  
AT THE SAME TIME.

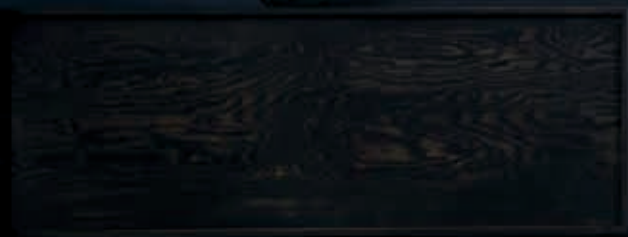
THOSE WHO ARE SENSITIVE TO LIGHT,  
KNOW ITS POWER.

WE SHARE THIS SENSITIVITY WITH  
SOME EXCEPTIONAL PEOPLE.

ARTISTS, ARCHITECTS AND DESIGNERS,  
BUT ALSO NIGHT BUTTERFLIES AND ALBINOS  
SHOW US THE EXTENT OF WHAT LIGHT CAN DO.

LET YOURSELF BE INSPIRED BY  
THOSE THAT SENSE LIGHT BEFORE  
THEY HAVE EVEN SEEN IT.









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30	HALOSCAN FOR LED
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# DRUPL 70

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## Glare-free, continuous light

Sunlight shining through raindrops creates eye-catching scenes, somehow mimicked by Drupl 70. The new-generation Drupl lighting solution is designed specifically for the office market: a great-looking, high-performance solution that is functional and easy to install. It features unique lenses, as an optical component combined with LED, which guarantee a very low UGR, perfectly in line with the requirements of EN12464-1 for offices.

DRUPL 70 / BASE ALU / CURVED COVER ALU





## INSPIRED BY NATURE

Our designers and engineers are often inspired by nature when designing or optimizing technical features. This time, the lighting solution borrowed its name from nature: 'drupl' is the Flemish word for 'raindrop'. Like droplets, the lenses produce the same effect as light shining through a raindrop. Light is controlled and emitted at a certain beam angle.

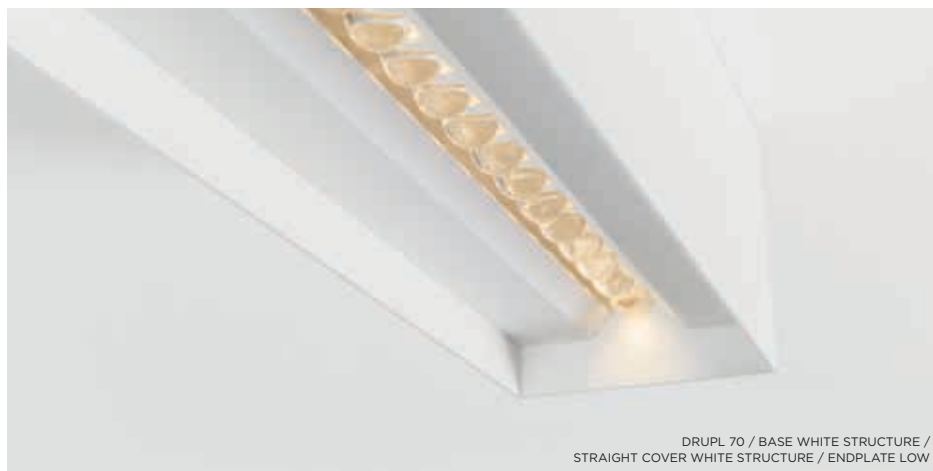
DRUPL 70 / BASE BLACK STRUCTURE / SHARP COVER BLACK STRUCTURE  
BONTINCK ARCHITECTURE AND ENGINEERING NV, GENT (BE)

## Drupl 70



DRUPL 70  
HOWEST, KORTRIJK (BE)  
ARCHITECT ELS DENAEGHEL

## Drupl 70

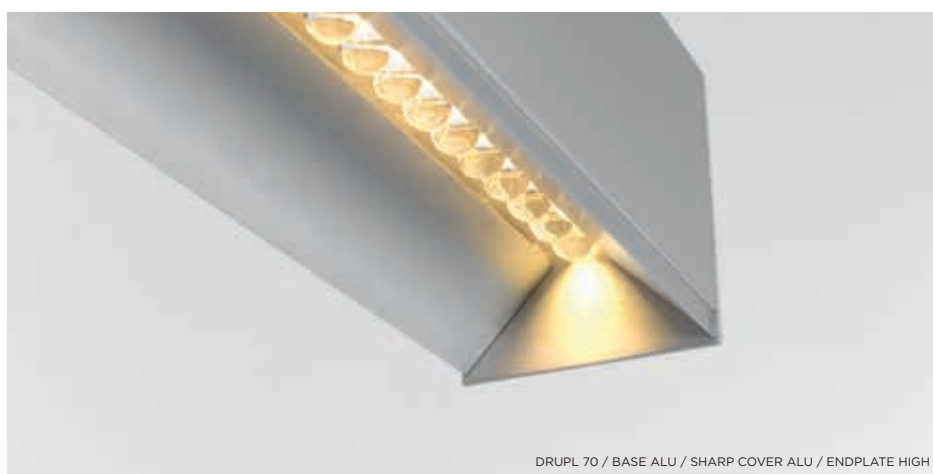


### CHOOSE YOUR FAVOURITE SHAPES

The lighting base in H-shape houses the gear in the upper part. The bottom part, which holds the high-tech lighting strip, is finished off with a special cover. You can choose between three designs: curved, straight or sharp. Each side of the Drupl 70 base is clad in either of these finishes while the technology is centrally positioned. The result is a stunning lighting line.

The base, top cover and finishing covers are available in anodized alu, black structure, and white structure and in RAL colours

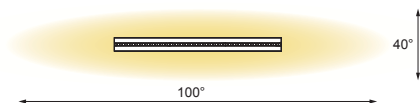
Lacquered covers can only be combined with lacquered bases.



## Drupl 70

### BEAM ANGLES AND LENSES

The Drupl family includes beam angles of 50°, 80°, 100° or 120° - and also a lens with an elliptical light beam (40°x100°), generating a more spot-like linear lighting effect.



DRUPL 70 / BASE WHITE STRUCTURE / SHARP COVER WHITE STRUCTURE / ENDPLATE HIGH



DRUPL 70 / BASE BLACK STRUCTURE / STRAIGHT COVER BLACK STRUCTURE / ENDPLATE LOW

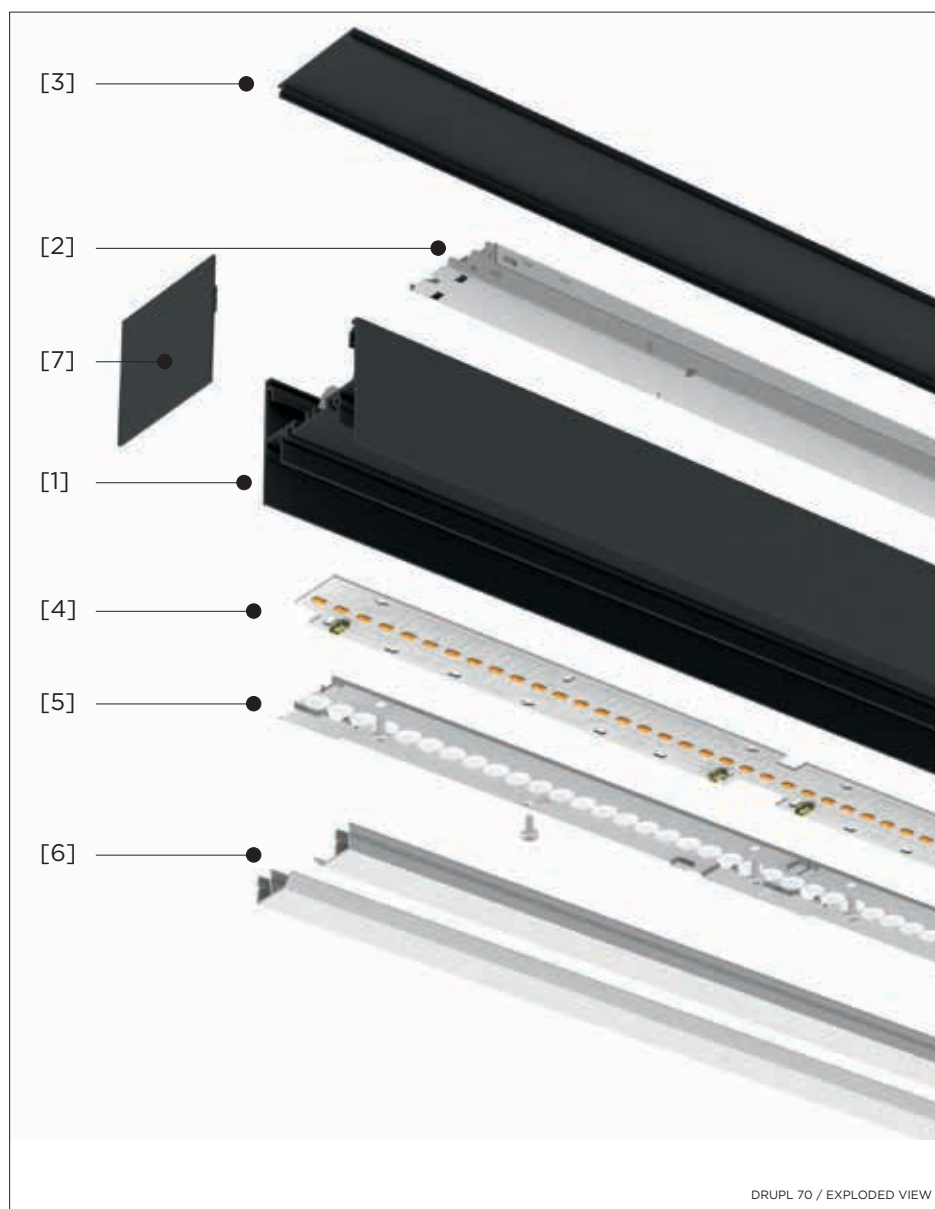
### REFINED FINISHING

Drupl 70 is a very elegant continuous lighting solution because of its thin base and sides (endplates), barely 1.5mm. The newly designed endplate also has the same thickness. Made from magnetized metal, the endplates fit in without the use of screws. The low endplate matches the height of the Drupl 70 base, while the high endplate, especially in combination with the sharp cover, gives an extra edge to the profile.

## ENGINEERING DESIGN

The R&D department mastered to design a highly performant continuous lighting solution equally easy to install and very functional.

- [1] **Base** — H-shaped and available in anodized alu, black structure, white structure or any RAL colour. Bottom part houses the technology and the optical components.
- [2] **Gears & cabling** — Fixed on the upper part of the base.
- [3] **Top cover** — A clickable top cover closes the upper part for the suspended version.
- [4] **LED lines** — available in 3000K and 4000K and positioned centrally and directly on the base of the lighting line. As such the base functions as a heat sink. Always to order in multiple modules of 280mm.
- [5] **Lenses** — Made of UV resistant PMMA material and placed meticulously over the LED lines. Quantity of lenses has to be equal to quantity of LED lines.
- [6] **Straight cover finish** — Clicks into the base of the lighting line and hides the technical features such as screws.
- [7] **Magnetic endplate** — Attached without any screws to the H-shaped base with a security cable and guarantees an easy installation.



## Drupl 70

### LIGHT DISTRIBUTION

By combining LED technology with unique optical components, this lighting fixture delivers bright and glare-free light with an optimum UGR of 13. This leads to excellent results in terms of light distribution, visual comfort and efficiency.





#### TECHNICAL PERFORMANCE

(for 1m profile – white structure – 3000K – straight cover – lens 50°)

—

**Luminaire efficiency** — 106lm/W

**Luminaire flux** — 3392lm

**Power consumption** — 32W

**UGR** — 13

**CRI** — >80

**Light spread** — 50°

**Binning** — 3.5 SDCM

**LED life cycle** — 50000h/L70

**Warranty** — 5 years

DRUPL 70  
VERZEKERINGSKANTOOR VEKEMANS, BERLAAR (BE)



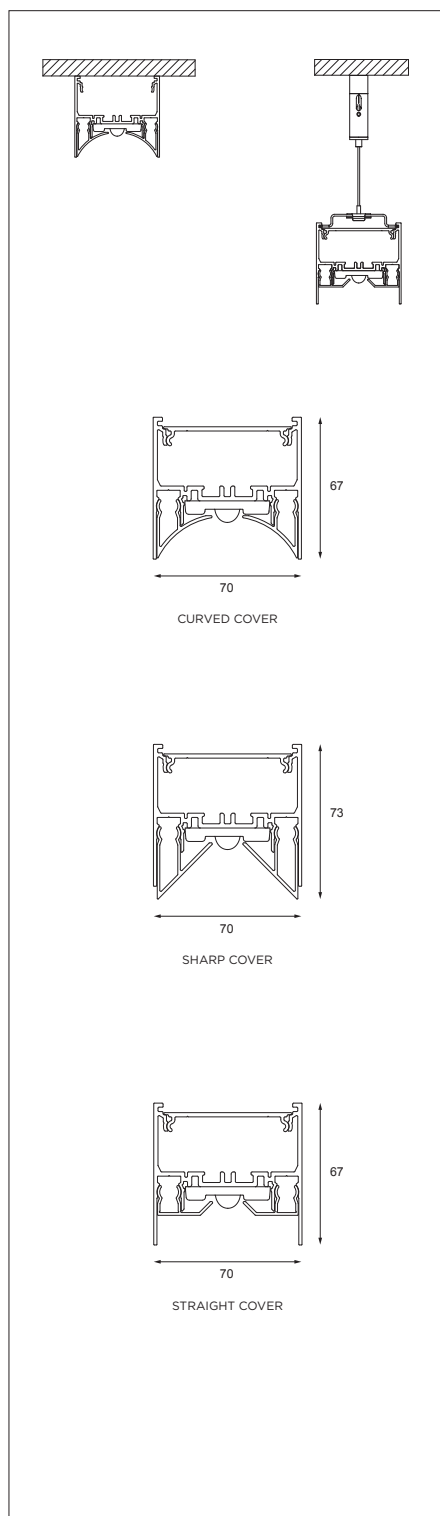
DRUPL 70  
EU-TOP, AMSTERDAM (NL)  
EDWARD VAN VLIET





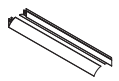


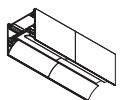
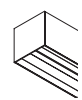
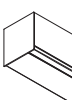




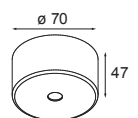
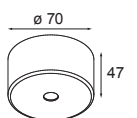



## Drupl 70

### LINEAR CUSTOM MADE



### LINEAR CUSTOM MADE | COMPONENTS

<b>Profile variation &gt;</b>	<b>base alu/m</b>  □ 93540005 wh 93540009 bl 93540032 ct 93540005 + 93540010	<b>top cover/m</b>  □ 93540105 wh 93540109 bl 93540132 ct 93540105 + 93540115	<b>curved cover/m*</b>  □ 93540205 wh 93540209 bl 93540232 ct 93540205 + 93540215	<b>sharp cover/m*</b>  □ 93540305 wh 93540309 bl 93540332 ct 93540305 + 93540315	
	<b>straight cover/m*</b>  □ 93540405 wh 93540409 bl 93540432 ct 93540405 + 93540415	<b>Connections &gt;</b>	<b>connection 180°</b>  93540050	<b>Endplates &gt;</b>	<b>endplate low</b>  □ 93540181 wh 93549181 bl 93543181 ct 93540181 + 93540188
	<b>endplate high</b>  □ 93540182 wh 93549182 bl 93543182 ct 93540182 + 93540188		<b>Fixation/ Mounting &gt;</b>		<b>suspension 4m</b>  □ 93540350 wh 93540950 bl 93540850 ct 93540350 + 93000358
	<b>Electrical supply &gt;</b>	<b>power feed kit 2m (transparent cable) / 3x 1.5mm² alu</b>  □ 93002003 wh 93002903 bl 93003203 ct 93002003 + 93002053		<b>power feed kit 2m (transparent cable) / 5x 1.5mm² alu</b>  □ 93002005 wh 93002905 bl 93003205 ct 93002005 + 93002053	<b>power feed kit 2m (transparent cable) / 6x 0.75mm² alu</b>  □ 93003303 wh 93003304 bl 93003305 ct 93003303 + 93002053
<b>connection box for transparent cable / 5x 1.5mm² alu</b>  □ 93002251 wh 93003951 bl 93003251 ct 93002251 + 93002053		<b>connection box for transparent cable / 6x 0.75mm² alu</b>  □ 93003451 wh 93003551 bl 93003651 ct 93003451 + 93002053		<b>transparent cable/m</b>  93002152 3x 1.5mm² 93002252 5x 1.5mm² 93003452 6x 0.75mm²	* to be ordered for both sides (e.g. 2m base requires 4m curved cover)

### LINEAR CUSTOM MADE | EXTRA

#### SUPPLEMENTS

ct 93000101	ral setup charge (except white struc and black struc)
bl 93543000	suppl. extra circuit /m

## Drupl 70

LINEAR CUSTOM MADE | LIGHTING UNITS

### Drupl 70 Fortimo LED Line 3850lm/m GI

ECO LED



	WARM WHITE 3000K / CR180+			NEUTRAL WHITE 4000K / CR180+			mod	LENS*				
	non-dim	1-10V	Dali/ Pushdim	non-dim	1-10V	Dali/ Pushdim		50°	80°	100°	120°	40°x100°
2x	93544002	96544002	98544002	93544102	96544102	98544102	560	93540015	93540016	93540017	93540018	93540019
3x	93544003	96544003	98544003	93544103	96544103	98544103	840	93540015	93540016	93540017	93540018	93540019
4x	93544004	96544004	98544004	93544104	96544104	98544104	1120	93540015	93540016	93540017	93540018	93540019
5x	93544005	96544005	98544005	93544105	96544105	98544105	1400	93540015	93540016	93540017	93540018	93540019
6x	93544006	96544006	98544006	93544106	96544106	98544106	1680	93540015	93540016	93540017	93540018	93540019
7x	93544007	96544007	98544007	93544107	96544107	98544107	1960	93540015	93540016	93540017	93540018	93540019
8x	93544008	96544008	98544008	93544108	96544108	98544108	2240	93540015	93540016	93540017	93540018	93540019

\* required accessory - ordered quantity must be according to number of LED Lines required

! GEAR INCLUDED

! 1 FORTIMO LED LINE = 6.9W

! OUTPUT (FOR 3000K)

	lm/m	W/m	lm/W	UGR
50°	3662	29	126	11
80°	3677	29	127	18
100°	3279	29	113	20
120°	3426	29	118	24
40°x100°	3467	29	120	8 / 21

### Drupl 70 Fortimo LED Line 2900lm/m GI

ECO LED



	WARM WHITE 3000K / CR180+			NEUTRAL WHITE 4000K / CR180+			mod	LENS*				
	non-dim	1-10V	Dali/ Pushdim	non-dim	1-10V	Dali/ Pushdim		50°	80°	100°	120°	40°x100°
2x	93545002	96545002	98545002	93545102	96545102	98545102	560	93540015	93540016	93540017	93540018	93540019
3x	93545003	96545003	98545003	93545103	96545103	98545103	840	93540015	93540016	93540017	93540018	93540019
4x	93545004	96545004	98545004	93545104	96545104	98545104	1120	93540015	93540016	93540017	93540018	93540019
5x	93545005	96545005	98545005	93545105	96545105	98545105	1400	93540015	93540016	93540017	93540018	93540019
6x	93545006	96545006	98545006	93545106	96545106	98545106	1680	93540015	93540016	93540017	93540018	93540019
7x	93545007	96545007	98545007	93545107	96545107	98545107	1960	93540015	93540016	93540017	93540018	93540019
8x	93545008	96545008	98545008	93545108	96545108	98545108	2240	93540015	93540016	93540017	93540018	93540019

\* required accessory - ordered quantity must be according to number of LED Lines required

! GEAR INCLUDED

! 1 FORTIMO LED LINE = 5.2W

! OUTPUT (FOR 3000K)

	lm/m	W/m	lm/W	UGR
50°	2747	25	110	10
80°	2759	25	110	17
100°	2460	25	98	19
120°	2571	25	103	23
40°x100°	2601	25	104	7 / 20

### Drupl 70 Fortimo LED Line 1925lm/m GI

ECO LED



	WARM WHITE 3000K / CR180+			NEUTRAL WHITE 4000K / CR180+			mod	LENS*				
	non-dim	1-10V	Dali/ Pushdim	non-dim	1-10V	Dali/ Pushdim		50°	80°	100°	120°	40°x100°
3x	93546003	96546003	98546003	93546103	96546103	98546103	840	93540015	93540016	93540017	93540018	93540019
4x	93546004	96546004	98546004	93546104	96546104	98546104	1120	93540015	93540016	93540017	93540018	93540019
5x	93546005	96546005	98546005	93546105	96546105	98546105	1400	93540015	93540016	93540017	93540018	93540019
6x	93546006	96546006	98546006	93546106	96546106	98546106	1680	93540015	93540016	93540017	93540018	93540019
7x	93546007	96546007	98546007	93546107	96546107	98546107	1960	93540015	93540016	93540017	93540018	93540019
8x	93546008	96546008	98546008	93546108	96546108	98546108	2240	93540015	93540016	93540017	93540018	93540019

\* required accessory - ordered quantity must be according to number of LED Lines required

! GEAR INCLUDED

! 1 FORTIMO LED LINE = 3.5W

! OUTPUT (FOR 3000K)

	lm/m	W/m	lm/W	UGR
50°	1904	17	112	9
80°	1840	17	108	16
100°	1641	17	97	18
120°	1714	17	101	21
40°x100°	1735	17	102	6 / 18



# H55

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## The simplicity of H

**H55: a simple profile that can cast its light either upwards or downwards, and is available either as a pendant or wall-mounted. In addition to the linear tailored solution, H55 is also offered as a ready-made solution in order to meet the rising demand for versatile architectural LED lighting lines.**

## CREATING LIGHT EXPERIENCE

Simple, creating light upwards or downwards and available either as a pendant or wall-mounted: H55 is the ideal profile for the office, hallways, retail spaces, hotel reception desks and private kitchens.



H55



H55  
LEIEDAL, KORTRIJK (BE)

### ULTRA THIN GAP

—  
Wafer-thin brackets supplied with the wall-mounted version result in an ultra-thin gap of 3 mm between the wall and the profile.



H55



H55  
LEIEDAL, KORTRIJK (BE)





## H55



H55  
PRIVATE RESIDENCE, WAREGEM (BE)  
PLUSPUNT ARCHITECTUUR

H55

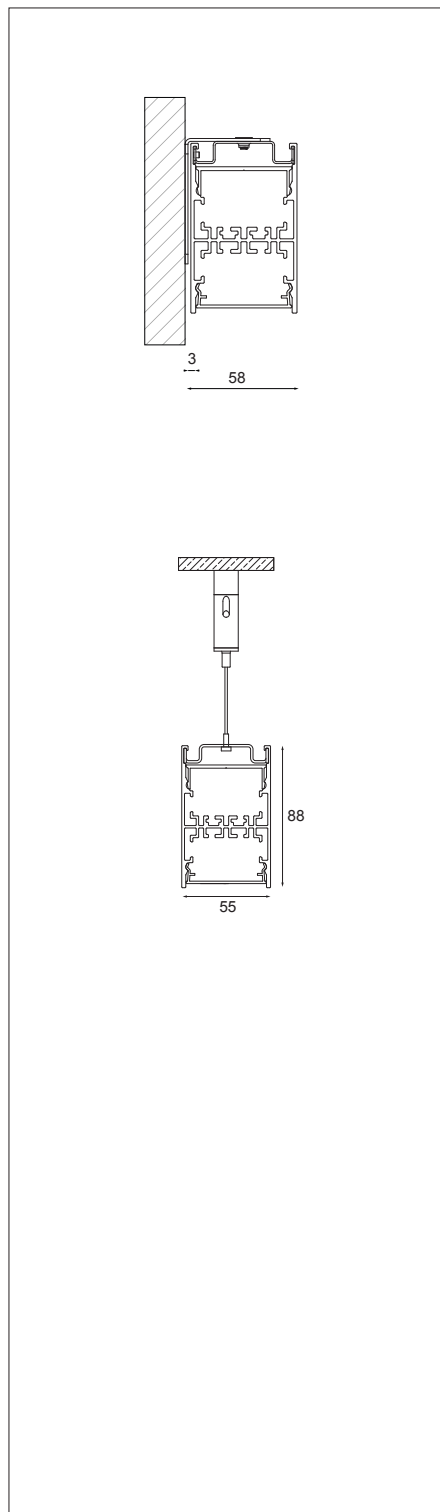


### SEAMLESS FINISHING




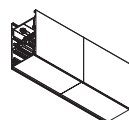
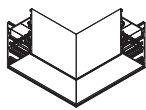


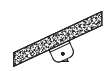



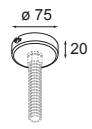






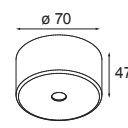
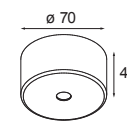
The fixture is finished right down to the finest detail. Not a single screw to be seen thanks to the die cast endplates. The endplates feature both a raised edge and a small recess so that the polycarbonate can expand and contract without the inside of the profile being directly visible.

# H55

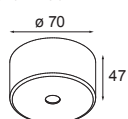

LINEAR CUSTOM MADE



LINEAR CUSTOM MADE | COMPONENTS

<p><b>Profile variation &gt;</b></p>	<p>profile alu/m</p>  <p>93530005 wh 93530009 bl 93530032 93530005 + 935300</p>	<p>poly diffuse/m</p>  <p>93530015</p>	<p>cover/m</p>  <p>93530105 wh 93530109 bl 93530132 93530105 + 93530119</p>	<p><b>Connections &gt;</b></p>
<p>connection 180°</p>  <p>93530050</p>	<p>connection 90°</p>  <p>93530060</p>	<p><b>Endplates &gt;</b></p>	<p>endplate</p>  <p>93530181 wh 93539181 bl 93533181 93530181 + 93530188</p>	<p><b>Fixation/ Mounting &gt;</b></p>
<p>suspension 4m</p>  <p>93530350 wh 93530950 bl 93530850 93530350 + 93000158</p>	<p>hinge</p>  <p>93001105 wh 93001109 bl 93001132</p>	<p>lateral wall bracket</p>  <p>93530161 wh 93530961 bl 93530861 93530161 + 93530162</p>	<p>hole for power supply (3-5p)</p>  <p>93530100</p>	<p>hole for power supply (6-9p)</p>  <p>93530101</p>
<p><b>Electrical supply &gt;</b></p>	<p>connection box</p>  <p>93000151 wh 93000951 bl 93003251 93000151 + 93000153</p>	<p>flexible</p>  <p>1m 93000152 /m 93000252</p>	<p>power feed tube 1m</p>  <p>93000156 wh 93000856 bl 93003156 93000156 + 93000157</p>	<p>power feed tube/m</p>  <p>93000256 wh 93000956 bl 93003256 93000256 + 93000157</p>
<p>power feed kit 2m (transparent cable) / 3x 1.5mm² alu</p>  <p>93002003 wh 93002903 bl 93003203 93002003 + 93002053</p>	<p>power feed kit 2m (transparent cable) / 5x 1.5mm² alu</p>  <p>93002005 wh 93002905 bl 93003205 93002005 + 93002053</p>	<p>power feed kit 2m (transparent cable) / 6x 0.75mm² alu</p>  <p>93003303 wh 93003304 bl 93003305 93003303 + 93002053</p>	<p>connection box for transparent cable / 3x 1.5mm² alu</p>  <p>93002251 wh 93002951 bl 93003151 93002251 + 93002053</p>	<p>connection box for transparent cable / 5x 1.5mm² alu</p>  <p>93002251 wh 93003951 bl 93003251 93002251 + 93002053</p>

LINEAR CUSTOM MADE | COMPONENTS

<p>connection box for transparent cable / 6x 0.75mm<sup>2</sup> alu</p>  <p>93003451 93003551 93003651 93003451 + 93002053</p>	<p>transparent cable/m</p>  <p>93002152 3x 1.5mm<sup>2</sup> 93002252 5x 1.5mm<sup>2</sup> 93003452 6x 0.75mm<sup>2</sup></p>
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LINEAR CUSTOM MADE | LIGHTING UNITS

H55 Fortimo LED Line 3850lm/m GI - down

ECO LED



	WARM WHITE 3000K / CR180+			NEUTRAL WHITE 4000K / CR180+			mod
	non-dim	1-10V	Dali/ Pushdim	non-dim	1-10V	Dali/ Pushdim	
2x	93534002	96534002	98534002	93534202	96534202	98534202	560
3x	93534003	96534003	98534003	93534203	96534203	98534203	840
4x	93534004	96534004	98534004	93534204	96534204	98534204	1120
5x	93534005	96534005	98534005	93534205	96534205	98534205	1400
6x	93534006	96534006	98534006	93534206	96534206	98534206	1680
8x	93534007	96534007	98534007	93534207	96534207	98534207	1960
8x	93534008	96534008	98534008	93534208	96534208	98534208	2240

! GEAR INCLUDED  
! 1 STRIP = 6.9W  
! IN COMBINATION WITH POLY DIFFUSE: 85lm/W

H55 LED-strip 24V GE - up

ECO LED



	WARM WHITE 1200lm/m 2700K - CR185 - 12W/m	WARM WHITE 1000lm/m 3000K - CR180 - 14W/m
not mounted roll 5m	93000502	93000500
mounted/m	93000503	93000501
24V connection	93551532	93530532

! ORDER LED-STRIP DRIVER SEPARATELY  
- FOR MOUNTING IN PROFILE:  
93530615 LED GEAR FOR LED-STRIP 24V 60W GI  
96530615 LED GEAR FOR LED-STRIP 24V 60W 1-10V GI  
- REMOTE GEAR: SEE BELOW

LINEAR CUSTOM MADE | EXTRA

REMOTE GEAR FOR LED-STRIP

1000lm/m	non-dim	1-10V	Dali	l / b / h
24V 20W	93009510	-	-	150 / 37 / 25
24V 60W	93009530	-	-	241 / 43 / 30
24V 100W	93009540	-	-	241 / 43 / 30
24V 20W	-	96009510	-	146 / 55 / 19
24V 80W	-	96009530	-	250 / 50 / 34
24V 75W	-	-	98009530	- / - / -
24V 100W	-	96009540	-	250 / 60 / 39

! 1 SEPARATE DRIVER PER 5M LED-STRIP

SUPPLEMENTS

93000101	ral setup charge (except white struc and black struc)
93533000	suppl. extra circuit /m

## H55



### READY-MADE

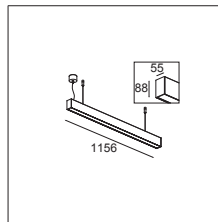
The ready-made version of H55 comes in a length of 1156mm and is available in aluminium or white structure. The benefits are in the name: faster delivery and budget friendly!

H55

## H55

ECO LED GI READY-MADE

### H55 RM suspended up/down GI



	230V		IP20	GWT 960°		4.6KG	
--	------	--	------	----------	--	-------	--

#### NOT DIMMABLE

alu	93530420
white struc	93530422

#### DALI/PUSHDIM

alu	98530420
white struc	98530422

4X LED LINE INCL.	6.9W	DOWN
LED-STRIP 900MM	12.6W	UP (NOT DIMMABLE)
LED-STRIP 800MM	11.2W	UP (DALI/PUSHDIM)



# HALOSCAN

---



## Directional halo

The diffuse light that Haloscan casts on a ceiling creates a unique universe. Its shape reminds us of the ring of light which sometimes appears around the eclipsed sun or moon. As it is directional, it can be easily fitted in any room.

The Haloscan 179 for LED is an upgraded version of our classic Haloscan fixture. Combined with the M-LED 111 module, Haloscan 179 for LED now gives you a wide variety of lighting colours and beam angle combinations.



## Haloscan for LED

### ACCESSORIES

#### ELECTRICAL - LED MODULE GE

! LED DRIVER SEE GOODIES SECTION

11298002	M-LED 111 2700K SPOT GE BLACK MATT
11298009	M-LED 111 2700K SPOT GE WHITE STRUC
11298024	M-LED 111 2700K SPOT GE ALU BRUSHED
11298102	M-LED 111 2700K MEDIUM GE BLACK MATT
11298109	M-LED 111 2700K MEDIUM GE WHITE STRUC
11298124	M-LED 111 2700K MEDIUM GE ALU BRUSHED
11298202	M-LED 111 2700K FLOOD GE BLACK MATT
11298209	M-LED 111 2700K FLOOD GE WHITE STRUC
11298224	M-LED 111 2700K FLOOD GE ALU BRUSHED
11298302	M-LED 111 3000K SPOT GE BLACK MATT
11298309	M-LED 111 3000K SPOT GE WHITE STRUC
11298324	M-LED 111 3000K SPOT GE ALU BRUSHED
11298402	M-LED 111 3000K MEDIUM GE BLACK MATT
11298409	M-LED 111 3000K MEDIUM GE WHITE STRUC
11298424	M-LED 111 3000K MEDIUM GE ALU BRUSHED
11298502	M-LED 111 3000K FLOOD GE BLACK MATT
11298509	M-LED 111 3000K FLOOD GE WHITE STRUC
11298524	M-LED 111 3000K FLOOD GE ALU BRUSHED
11298602	M-LED 111 4000K SPOT GE BLACK MATT
11298609	M-LED 111 4000K SPOT GE WHITE STRUC
11298624	M-LED 111 4000K SPOT GE ALU BRUSHED
11298702	M-LED 111 4000K MEDIUM GE BLACK MATT
11298709	M-LED 111 4000K MEDIUM GE WHITE STRUC
11298724	M-LED 111 4000K MEDIUM GE ALU BRUSHED
11298802	M-LED 111 4000K FLOOD GE BLACK MATT
11298809	M-LED 111 4000K FLOOD GE WHITE STRUC
11298824	M-LED 111 4000K FLOOD GE ALU BRUSHED

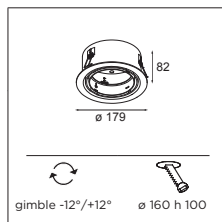
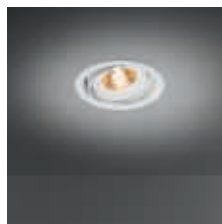
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)

350mA	904lm
500mA	1233lm
700mA	1596lm
900mA	1874lm

! 3500K on request

ECO LED GE

#### Haloscan 179 for LED GE



gimble -12°/+12° ø 160 h 100



black struc	10303002
white struc	10303009

! MUST BE USED WITH M-LED 111



M-LED 111



# HIPY

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## Laid-back exterior spotlight

With its IP67 rating and LED light source, Hipy is the perfect outdoor ground spot. Since the light beam does not generate any heat, you can safely walk over it barefoot, like a true hippy. Hipy is available in round and square variants. Besides the traditional Hipy, we also offer an asymmetrical version, which makes an ideal facade spotlight. Last but not least, Hipy is also available with sunglasses, i.e. an anti-glare grid. Hipy now comes with updated LED, featuring some slight visual differences: our Hipy 70 model is fitted with a full-size reflector and Hipy 110 features a smaller, central reflector.

HIPY 70

**ACCESSORIES**

**ELECTRICAL - DRIVERS**

SEE GOODIES SECTION

**INSTALLATION - CONBOX**

**HIPY 70 SQUARE**

12379930 CONBOX 75x145x95

12379730 RENOVATION CONBOX 73x75x151

**HIPY 70 ROUND**

12379830 CONBOX 75x145x123

12379630 RENOVATION CONBOX Ø73 H151

**HIPY 110 SQUARE**

12349930 CONBOX 115x251x150x115

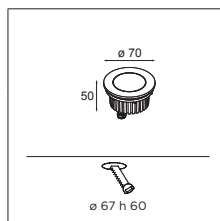
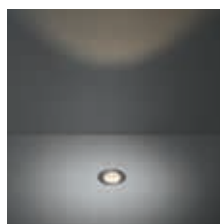
**HIPY 110 ROUND**

12349830 CONBOX Ø114 H165

ECO LED GE

III 350mA IP65 IP67 GWT 960° 0.27KG

**Hipy 70 IP67 LED GE**



1X LED ARRAY INCL. 3.1W

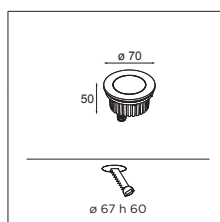
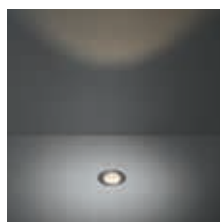
	WARM WHITE 3000K / CRI90+
	FLOOD 40°
alu	12374305

! LUMEN OUTPUT (FOR 3000K - FLOOD) - 262lm

ECO LED GE

III 350mA IP65 IP67 GWT 960° 0.27KG

**Hipy 70 anti glare IP67 LED GE**



1X LED ARRAY INCL. 3.1W

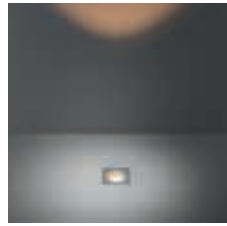
	WARM WHITE 3000K / CRI90+
	MEDIUM 25°
alu	12374205

! LUMEN OUTPUT (FOR 3000K - MEDIUM) - 130lm

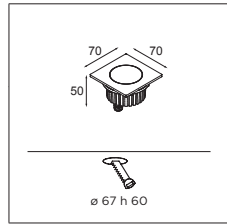
## Hipy

ECO LED GE

Hipy square 70x70 IP67 LED GE



	WARM WHITE 3000K / CRI90+
	FLOOD 40°
alu	12374105

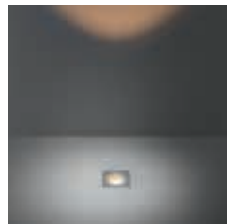


1X LED ARRAY INCL. 3.1W

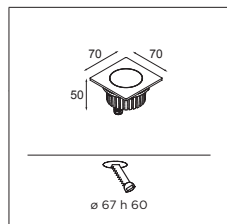
! LUMEN OUTPUT (FOR 3000K - FLOOD) - 262lm

ECO LED GE

Hipy square 70x70 anti glare IP67 LED GE



	WARM WHITE 3000K / CRI90+
	MEDIUM 25°
alu	12374005



1X LED ARRAY INCL. 3.1W

! LUMEN OUTPUT (FOR 3000K - MEDIUM) - 130lm

### ACCESSORIES

#### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

#### INSTALLATION - CONBOX

##### HIPY 70 SQUARE

12379930	CONBOX 75x145x95
12379730	RENOVATION CONBOX 73x75x151

##### HIPY 70 ROUND

12379830	CONBOX 75x145x123
12379630	RENOVATION CONBOX Ø73 H151

##### HIPY 110 SQUARE

12349930	CONBOX 115x251x150x115
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##### HIPY 110 ROUND

12349830	CONBOX Ø114 H165
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**ACCESSORIES**

**ELECTRICAL - DRIVERS**

SEE GOODIES SECTION

**INSTALLATION - CONBOX**

**HIPY 70 SQUARE**

12379930 CONBOX 75x145x95

12379730 RENOVATION CONBOX 73x75x151

**HIPY 70 ROUND**

12379830 CONBOX 75x145x123

12379630 RENOVATION CONBOX Ø73 H151

**HIPY 110 SQUARE**

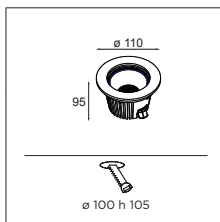
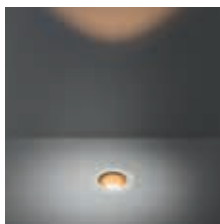
12349930 CONBOX 115x251x150x115

**HIPY 110 ROUND**

12349830 CONBOX Ø114 H165

ECO LED GE

**Hipy 110 IP67 LED GE**



1X LED ARRAY INCL. 9.2W

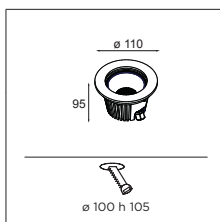
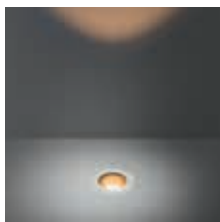
Icons: Beam spread, 500mA, IP65/IP67, GWT 960°, 0.63KG, and a dropdown arrow.

	WARM WHITE 3000K / CRI90+
	FLOOD 40°
alu	12345405

! LUMEN OUTPUT (FOR 3000K - FLOOD)  
350mA 407lm  
500mA 547lm  
700mA 703lm

ECO LED GE

**Hipy 110 anti glare IP67 LED GE**



1X LED ARRAY INCL. 9.2W

Icons: Beam spread, 500mA, IP65/IP67, GWT 960°, 0.63KG, and a dropdown arrow.

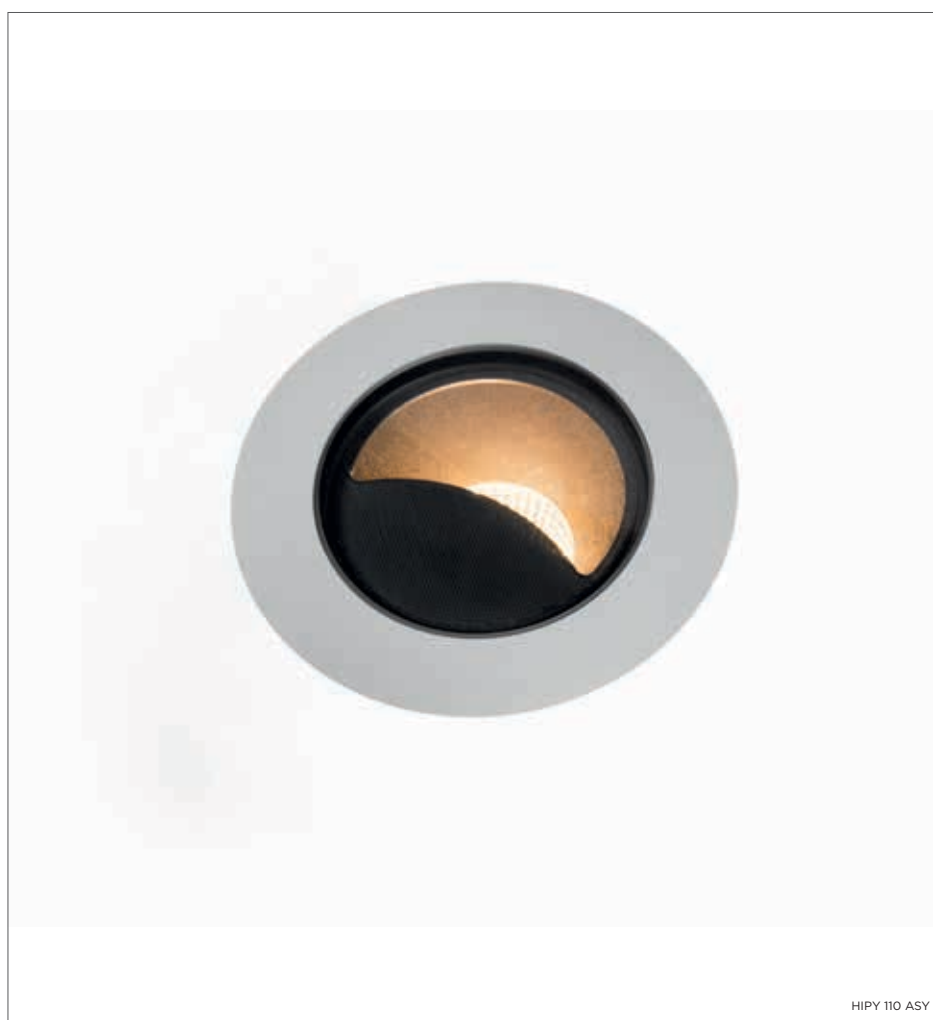
	WARM WHITE 3000K / CRI90+
	MEDIUM 25°
alu	12345005

! LUMEN OUTPUT (FOR 3000K - MEDIUM)  
350mA 226lm  
500mA 304lm  
700mA 391lm

## Hipy



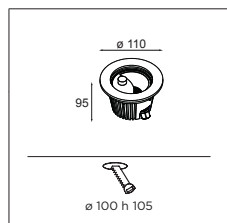
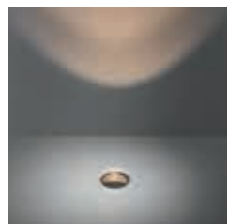
## HiPy



## Hipy

ECO LED GE

### Hipy 110 asy IP67 LED GE



1X LED ARRAY INCL. 9.2W

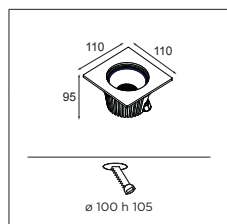
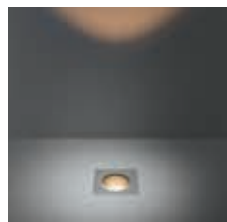
	WARM WHITE 3000K / CRI90+
	FLOOD 40°
alu	12345205

! LUMEN OUTPUT (FOR 3000K - FLOOD)

350mA	257lm
500mA	346lm
700mA	445lm

ECO LED GE

### Hipy square 110x110 IP67 LED GE



1X LED ARRAY INCL. 9.2W

	WARM WHITE 3000K / CRI90+
	FLOOD 40°
alu	12346405

! LUMEN OUTPUT (FOR 3000K - FLOOD)

350mA	407lm
500mA	547lm
700mA	703lm

## ACCESSORIES

### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

### INSTALLATION - CONBOX

#### HIPY 70 SQUARE

12379930	CONBOX 75x145x95
12379730	RENOVATION CONBOX 73x75x151

#### HIPY 70 ROUND

12379830	CONBOX 75x145x123
12379630	RENOVATION CONBOX Ø73 H151

#### HIPY 110 SQUARE

12349930	CONBOX 115x251x150x115
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#### HIPY 110 ROUND

12349830	CONBOX Ø114 H165
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**ACCESSORIES**

**ELECTRICAL - DRIVERS**

SEE GOODIES SECTION

**INSTALLATION - CONBOX**

**HIPY 70 SQUARE**

12379930 CONBOX 75x145x95

12379730 RENOVATION CONBOX 73x75x151

**HIPY 70 ROUND**

12379830 CONBOX 75x145x123

12379630 RENOVATION CONBOX Ø73 H151

**HIPY 110 SQUARE**

12349930 CONBOX 115x251x150x115

**HIPY 110 ROUND**

12349830 CONBOX Ø114 H165

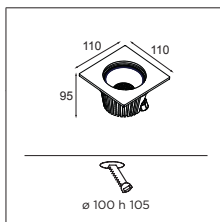
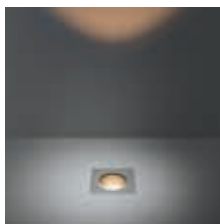
ECO LED GE

**Hipy square 110x110 anti glare IP67 LED GE**







1X LED ARRAY INCL. 9.2W

	WARM WHITE 3000K / CRI90+
	MEDIUM 25°
alu	12346005

! LUMEN OUTPUT (FOR 3000K - MEDIUM)  
 350mA 226lm  
 500mA 304lm  
 700mA 391lm

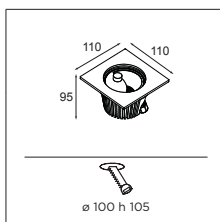
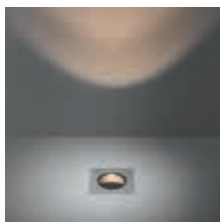
ECO LED GE

**Hipy square 110x110 asy IP67 LED GE**







1X LED ARRAY INCL. 9.2W

	WARM WHITE 3000K / CRI90+
	FLOOD 40°
alu	12346205

! LUMEN OUTPUT (FOR 3000K - FLOOD)  
 350mA 257lm  
 500mA 346lm  
 700mA 445lm



# K72

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## The K icon, revisited

**K already earned its spurs in the Modular range. With the LED dedicated rework of the K we honour an icon. A timeless product that will remain in the Modular portfolio for many years to come. Suitable for general and accent lighting, K is available in donkey grey and white structure.**



### ALL IN ONE

—  
K72, finished off with a glass cover, is IP54, specifically designed for installation in wet rooms. With its low built-in height of only 60mm, it is one of the smallest LED spots in the market. The dedicated heat sink guarantees a long life cycle.

K72  
BONTINCK ARCHITECTURE AND ENGINEERING NV, GENT (BE)

K72



K72 DONKEY GREY STRUCTURE

**ACCESSORIES**

**ELECTRICAL - DRIVERS**

SEE GOODIES SECTION

**INSTALLATION - CONBOX**

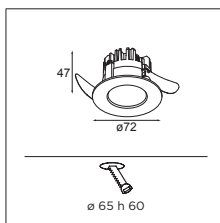
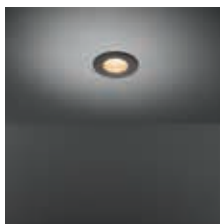
10490330 CONBOX 172X112X100X236

**INSTALLATION - GYPKIT**

12291330 GYPKIT 170X112 - Ø65

ECO LED GE

**K72 IP54 LED GE**



1X LED ARRAY INCL. 9.2W



TRAILING EDGE DIMMABLE	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
donkey grey struc	14040071	14040171	14040271
white struc	14040009	14040109	14040209

TRAILING EDGE DIMMABLE	WARM WHITE 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
donkey grey struc	14040371	14040471	14040571
white struc	14040309	14040409	14040509

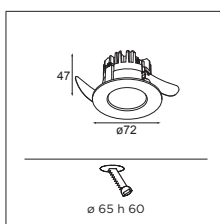
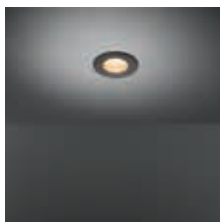
  

TRAILING EDGE DIMMABLE	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
donkey grey struc	14040671	14040771	14040871
white struc	14040609	14040709	14040809

! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
500mA 739lm

ECO LED RG

**K72 IP54 LED RG**



1X LED ARRAY INCL. 9.2W



TRAILING EDGE DIMMABLE	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
donkey grey struc	14041071	14041171	14041271
white struc	14041009	14041109	14041209

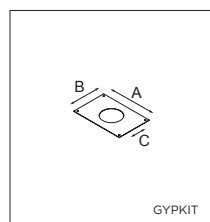
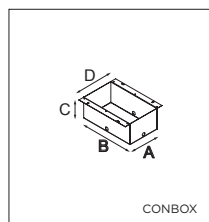
  

TRAILING EDGE DIMMABLE	WARM WHITE 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
donkey grey struc	14041371	14041471	14041571
white struc	14041309	14041409	14041509

TRAILING EDGE DIMMABLE	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
donkey grey struc	14041671	14041771	14041871
white struc	14041609	14041709	14041809

! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
500mA 739lm





# K77 ADJUSTABLE

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## The Kicon<sup>2</sup>

**K77 was developed as an extension to K72. With the LED dedicated rework of the K we honour an icon. A timeless, adjustable spot for general/accent lighting product that will remain in the Modular portfolio for many years to come. Just like its K72 counterpart, K77 is available in donkey grey and white structure.**



### HIGHLY ADJUSTABLE

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With its low recess height and easy installation, K77 adjustable is a must have in any room. The dedicated heat sink guarantees a long life cycle.

K77 ADJUSTABLE

## K77 adjustable





## K77 adjustable

### ACCESSORIES

#### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

#### INSTALLATION - CONBOX

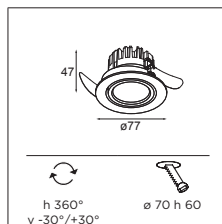
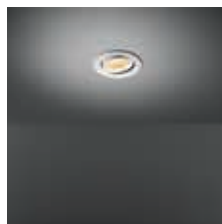
10889830 CONBOX 190X192X130X256

#### INSTALLATION - GYPKIT

12290130 GYPKIT 190X190 - Ø70

ECO LED GE

#### K77 adjustable LED GE



1X LED ARRAY INCL. 9.2W



TRAILING EDGE DIMMABLE	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
donkey grey struc	14050071	14050171	14050271
white struc	14050009	14050109	14050209

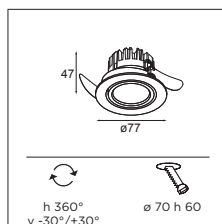
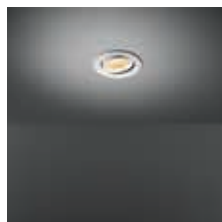
TRAILING EDGE DIMMABLE	WARM WHITE 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
donkey grey struc	14050371	14050471	14050571
white struc	14050309	14050409	14050509

TRAILING EDGE DIMMABLE	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
donkey grey struc	14050671	14050771	14050871
white struc	14050609	14050709	14050809

! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
500mA 739lm

ECO LED RG

#### K77 adjustable LED RG



1X LED ARRAY INCL. 9.2W

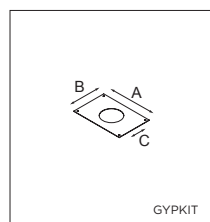
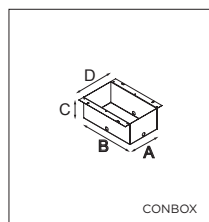


TRAILING EDGE DIMMABLE	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
donkey grey struc	14051071	14051171	14051271
white struc	14051009	14051109	14051209

TRAILING EDGE DIMMABLE	WARM WHITE 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
donkey grey struc	14051371	14051471	14051571
white struc	14051309	14051409	14051509

TRAILING EDGE DIMMABLE	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
donkey grey struc	14051671	14051771	14051871
white struc	14051609	14051709	14051809

! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
500mA 739lm





# KANON

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Firing light, in a  
most elegant way

Interior designers in search of spotlight track lighting that combines exceptional brightness with great design are now armed with Modular's 'Kanon'. The most powerful spotlight in our portfolio (up to 5000 lumens), Kanon 'fires' light, while looking sleek and elegant, with all wiring and cables hidden. Designed for retail environments, it is a sure-fire guarantee that your merchandise will be illuminated in style.



## REFINED AND STYLISH

Kanon is a simple, versatile spotlight with a refined fixture hardly ever found in track lighting. While all the wiring and gear – even screws – are smartly hidden, the outer bracket, so typical of a track spotlight, is neatly shaped to follow the lines of the housing.

KANON 110  
A SUIVRE, KORTRIJK (BE)

## Kanon





**STRIKING PERFORMANCE: UP TO 5000 LUMENS**

Kanon is an energy-efficient LED fixture, available in two levels of luminous efficacy: Kanon 110 delivers up to 3500 lumens, while its bigger brother Kanon 138 reaches up to 5000 lumens – which makes it the most powerful spotlight in the Modular family. Thanks to this brightness, Kanon 138 is an ideal choice for showrooms or shops with a high ceiling.

## Kanon





## Kanon





Kanon



KANON 110

## Kanon





KANON 110  
A SUIVRE, KORTRIJK (BE)

## Kanon





### SMARTLY LOCKABLE

—  
Versatile as it is, Kanon easily rotates 365° and has an inclination of 90°. Rather maintain it in a fixed position? The Kanon spotlight is lockable – with invisible screws, as befits its sleek, neat design.

KANON 138  
SHOWROOM MANUTTI (BE)



KANON 138

**ACCESSORIES**

**LIGHTING - ANTIGLARE**

KANON 110	
10216703	SPREADLENS Ø77
10216700	TRANSPARENT GLASS Ø77
KANON 138	
10216803	SPREADLENS Ø107
10216800	TRANSPARENT GLASS Ø107

**LIGHTING - REFLECTOR**

KANON 110	
10216430	REFLECTOR Ø80 SPOT
10216530	REFLECTOR Ø80 MEDIUM
10216630	REFLECTOR Ø80 FLOOD
10216730	REFLECTOR Ø80 WIDE FLOOD
KANON 138	
10216030	REFLECTOR Ø111 SPOT
10216130	REFLECTOR Ø111 MEDIUM
10216230	REFLECTOR Ø111 FLOOD
10216330	REFLECTOR Ø111 WIDE FLOOD

**INSTALLATION - TRACK**

SURFACE	RECESSED	PROFILE
11242201	11242401	PROFILE 1M WHITE SHINY
11242202	11242402	PROFILE 1M BLACK
11242205	11242405	PROFILE 1M ALU
11240101	11240301	PROFILE 2M WHITE SHINY
11240102	11240302	PROFILE 2M BLACK
11240105	11240305	PROFILE 2M ALU

SURFACE	RECESSED	POWER FEED RIGHT
11240501	11241601	POWER FEED RIGHT WHITE SHINY
11240502	11241602	POWER FEED RIGHT BLACK
11240505	11241605	POWER FEED RIGHT ALU

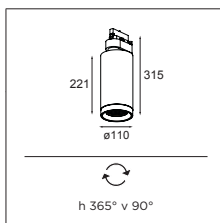
SURFACE	RECESSED	POWER FEED LEFT
11240601	11241701	POWER FEED LEFT WHITE SHINY
11240602	11241702	POWER FEED LEFT BLACK
11240605	11241705	POWER FEED LEFT ALU

SURFACE	RECESSED	ENDPLATE
11241401	11241401	ENDPLATE WHITE SHINY
11241402	11241402	ENDPLATE BLACK
11241405	11241405	ENDPLATE ALU

SEE MAIN CATALOGUE FOR ADDITIONAL TRACK COMPONENTS

ECO LED GI

**Kanon track 110 LED GI**



1X LED ARRAY INCL. 45W

Icons: Dimmable, 230V, R.C., IP20, GWT 960°, 1.91KG, and an upward arrow.

TRAILING EDGE DIMMABLE	WARM WHITE 2700K / CR190+			
	SPOT 15°	MEDIUM 25°	FLOOD 40°	WIDE FLOOD 60°
black struc	13150032	13150132	13150232	13150332
white struc	13150009	13150109	13150209	13150309

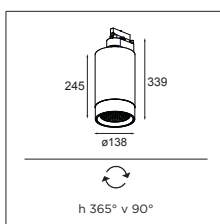
TRAILING EDGE DIMMABLE	WARM WHITE 3000K / CR190+			
	SPOT 15°	MEDIUM 25°	FLOOD 40°	WIDE FLOOD 60°
black struc	13150432	13150532	13150632	13150732
white struc	13150409	13150509	13150609	13150709

TRAILING EDGE DIMMABLE	NEUTRAL WHITE 4000K / CR190+			
	SPOT 15°	MEDIUM 25°	FLOOD 40°	WIDE FLOOD 60°
black struc	13150832	13150932	13151032	13151132
white struc	13150809	13150909	13151009	13151109

! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM) - 3272lm

ECO LED GI

**Kanon track 138 LED GI**



1X LED ARRAY INCL. 56W

Icons: Dimmable, 230V, R.C., IP20, GWT 960°, 2.35KG, and an upward arrow.

TRAILING EDGE DIMMABLE	WARM WHITE 2700K / CR190+			
	SPOT 15°	MEDIUM 25°	FLOOD 40°	WIDE FLOOD 60°
black struc	13160032	13160132	13160232	13160332
white struc	13160009	13160109	13160209	13160309

TRAILING EDGE DIMMABLE	WARM WHITE 3000K / CR190+			
	SPOT 15°	MEDIUM 25°	FLOOD 40°	WIDE FLOOD 60°
black struc	13160432	13160532	13160632	13160732
white struc	13160409	13160509	13160609	13160709

TRAILING EDGE DIMMABLE	NEUTRAL WHITE 4000K / CR190+			
	SPOT 15°	MEDIUM 25°	FLOOD 40°	WIDE FLOOD 60°
black struc	13160832	13160932	13161032	13161132
white struc	13160809	13160909	13161009	13161109

! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM) - 4457lm



# LOTIS ASY LOTIS

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## Modular's signature design

Lotis is the recessed spotlight where it all began... the best-known fixture in our family. The hallmark of this luminaire is its deeply recessed cone which holds the light source and has a fine edge. Known for its effortless design and high functionality, Lotis comes in different diameters and with different lighting sources.

Asy lotis has all the features of a normal Lotis family member with one additional benefit: asymmetry. The light shines down at an angle of 28°, which creates an attractive wash effect on the wall.

The complete Lotis range now also comes in an upgraded Lotis for LED version, using our M-LED 50 module. This allows you to choose from a large range of lighting colours (2700-4000K) and three different beam angles (spot, medium or flood).

LOTIS 86 IP55 FOR LED WITH M-LED 50



## Lotis for LED

### ACCESSORIES

#### ELECTRICAL - LED MODULE GE

! LED DRIVER SEE GOODIES SECTION

14060005	M-LED 50 2700K SPOT GE ALU
14060105	M-LED 50 2700K MEDIUM GE ALU
14060205	M-LED 50 2700K FLOOD GE ALU
14060305	M-LED 50 3000K SPOT GE ALU
14060405	M-LED 50 3000K MEDIUM GE ALU
14060505	M-LED 50 3000K FLOOD GE ALU
14060605	M-LED 50 3500K SPOT GE ALU
14060705	M-LED 50 3500K MEDIUM GE ALU
14060805	M-LED 50 3500K FLOOD GE ALU
14060905	M-LED 50 4000K SPOT GE ALU
14061005	M-LED 50 4000K MEDIUM GE ALU
14061105	M-LED 50 4000K FLOOD GE ALU

! LUMEN OUTPUT (FOR 3000K - MEDIUM - GE)  
 350mA 550lm 6.2W  
 500mA 739lm 9.2W

#### INSTALLATION - CONBOX

LOTIS 82 LED LOTIS 97 ADJUSTABLE LED	
10889830	CONBOX 190x192x130x256

#### INSTALLATION - GYPKIT

LOTIS 82 LED	
12290830	GYPKIT 190X190 - Ø76

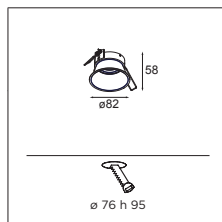
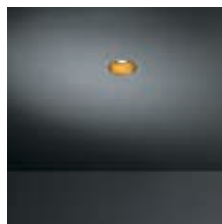
LOTIS 86 IP55 LED	
12290230	GYPKIT 190X190 - Ø80

LOTIS 97 ADJUSTABLE LED	
12290330	GYPKIT 190X190 - Ø92



ECO LED GE

#### Lotis 82 for LED GE



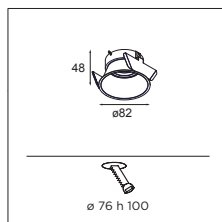
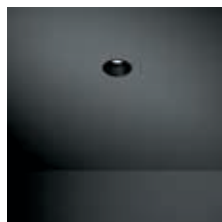
alu	13080005
black	13080002
gold	13080046
white struc	13080009



! MUST BE USED WITH M-LED 50

ECO LED GE

#### Lotis 82 concrete for LED GE



black	13080102
white struc	13080109

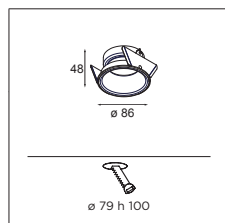
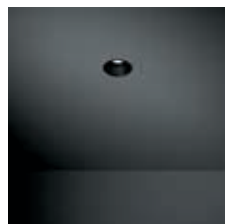


! MUST BE USED WITH M-LED 50

## Lotis for LED

ECO LED GE

Lotis 86 IP55 for LED GE



alu struc	13090028
black struc	13090008
white struc	13090009



### ACCESSORIES

#### ELECTRICAL - LED MODULE GE

! LED DRIVER SEE GOODIES SECTION

14060005	M-LED 50 2700K SPOT GE ALU
14060105	M-LED 50 2700K MEDIUM GE ALU
14060205	M-LED 50 2700K FLOOD GE ALU
14060305	M-LED 50 3000K SPOT GE ALU
14060405	M-LED 50 3000K MEDIUM GE ALU
14060505	M-LED 50 3000K FLOOD GE ALU
14060605	M-LED 50 3500K SPOT GE ALU
14060705	M-LED 50 3500K MEDIUM GE ALU
14060805	M-LED 50 3500K FLOOD GE ALU
14060905	M-LED 50 4000K SPOT GE ALU
14061005	M-LED 50 4000K MEDIUM GE ALU
14061105	M-LED 50 4000K FLOOD GE ALU

! LUMEN OUTPUT (FOR 3000K - MEDIUM - GE)  
 350mA 550lm 6.2W  
 500mA 739lm 9.2W

#### INSTALLATION - CONBOX

LOTIS 82 LED LOTIS 97 ADJUSTABLE LED	
10889830	CONBOX 190x192x130x256

#### INSTALLATION - GYPKIT

LOTIS 82 LED	
12290830	GYPKIT 190X190 - Ø76

LOTIS 86 IP55 LED	
12290230	GYPKIT 190X190 - Ø80

LOTIS 97 ADJUSTABLE LED	
12290330	GYPKIT 190X190 - Ø92

! MUST BE USED WITH M-LED 50



M-LED 50

## Lotis for LED

### ACCESSORIES

#### ELECTRICAL - LED MODULE GE

! LED DRIVER SEE GOODIES SECTION

14060005	M-LED 50 2700K SPOT GE ALU
14060105	M-LED 50 2700K MEDIUM GE ALU
14060205	M-LED 50 2700K FLOOD GE ALU
14060305	M-LED 50 3000K SPOT GE ALU
14060405	M-LED 50 3000K MEDIUM GE ALU
14060505	M-LED 50 3000K FLOOD GE ALU
14060605	M-LED 50 3500K SPOT GE ALU
14060705	M-LED 50 3500K MEDIUM GE ALU
14060805	M-LED 50 3500K FLOOD GE ALU
14060905	M-LED 50 4000K SPOT GE ALU
14061005	M-LED 50 4000K MEDIUM GE ALU
14061105	M-LED 50 4000K FLOOD GE ALU

! LUMEN OUTPUT (FOR 3000K - MEDIUM - GE)  
 350mA 550lm 6.2W  
 500mA 739lm 9.2W

#### INSTALLATION - CONBOX

LOTIS 82 LED LOTIS 97 ADJUSTABLE LED	
10889830	CONBOX 190x192x130x256

#### INSTALLATION - GYPKIT

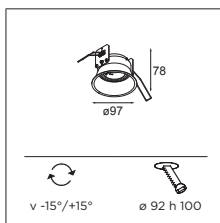
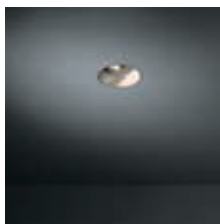
LOTIS 82 LED	
12290830	GYPKIT 190X190 - Ø76

LOTIS 86 IP55 LED	
12290230	GYPKIT 190X190 - Ø80

LOTIS 97 ADJUSTABLE LED	
12290330	GYPKIT 190X190 - Ø92

ECO LED GE

#### Lotis 97 adjustable for LED GE



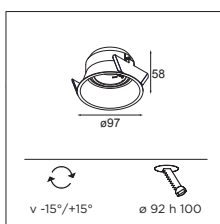
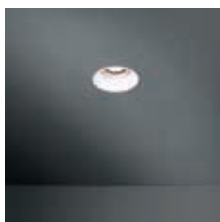
alu	13100005
black	13100002
white struc	13100009



! MUST BE USED WITH M-LED 50

ECO LED GE

#### Lotis 97 concrete adjustable for LED GE



black	13100102
white struc	13100109



! MUST BE USED WITH M-LED 50

## Lotis for LED

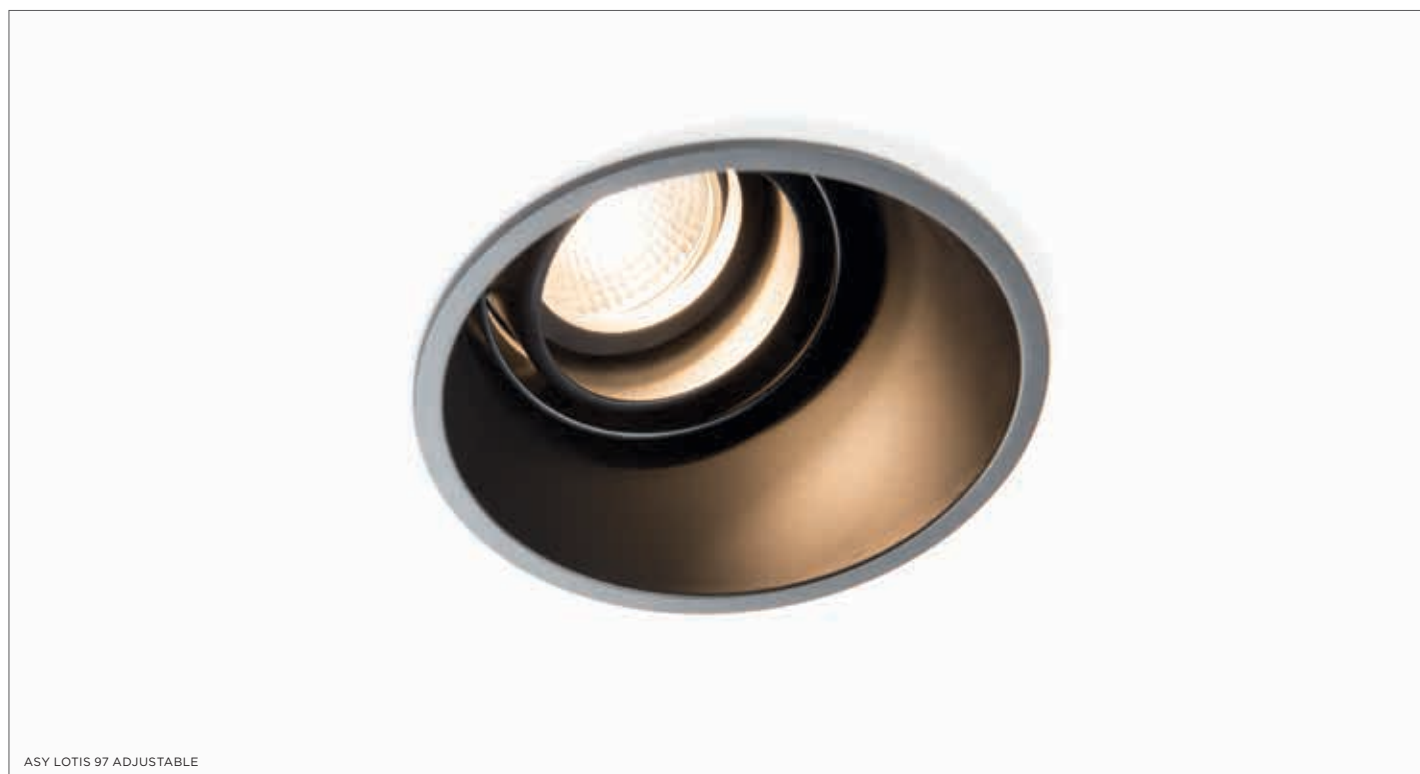


LOTIS 82  
WIJNHANDEL VANMAELE, BRUGGE (BE)

## Lotis for LED



## Asy lotis for LED



## Asy lotis for LED

### ACCESSORIES

#### ELECTRICAL - LED MODULE GE

! LED DRIVER SEE GOODIES SECTION

14060005	M-LED 50 2700K SPOT GE ALU
14060105	M-LED 50 2700K MEDIUM GE ALU
14060205	M-LED 50 2700K FLOOD GE ALU
14060305	M-LED 50 3000K SPOT GE ALU
14060405	M-LED 50 3000K MEDIUM GE ALU
14060505	M-LED 50 3000K FLOOD GE ALU
14060605	M-LED 50 3500K SPOT GE ALU
14060705	M-LED 50 3500K MEDIUM GE ALU
14060805	M-LED 50 3500K FLOOD GE ALU
14060905	M-LED 50 4000K SPOT GE ALU
14061005	M-LED 50 4000K MEDIUM GE ALU
14061105	M-LED 50 4000K FLOOD GE ALU

! LUMEN OUTPUT (FOR 3000K - MEDIUM - GE)  
 350mA 550lm 6.2W  
 500mA 739lm 9.2W

#### INSTALLATION - CONBOX

ASY LOTIS 82 LED	
10889830	CONBOX 190x192x130x256

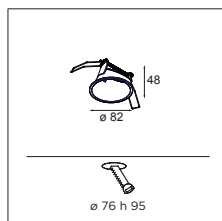
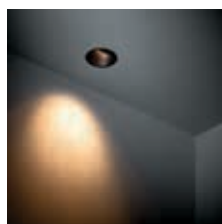
#### INSTALLATION - GYPKIT

ASY LOTIS 82 LED	
12290830	GYPKIT 190X190 - Ø76
ASY LOTIS 97 ADJUSTABLE LED	
12290330	GYPKIT 190X190 - Ø92



ECO LED GE

#### Asy lotis 82 for LED GE

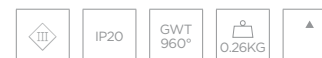
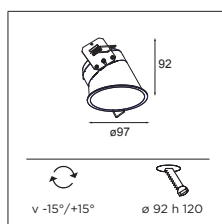
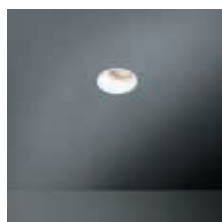


alu	13080205
black	13080202
white struc	13080209

! MUST BE USED WITH M-LED 50

ECO LED GE

#### Asy lotis 97 adjustable for LED GE



alu	13100205
black	13100202
white struc	13100209

! MUST BE USED WITH M-LED 50



# LOTIS SQUARE

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## Square recessed spotlight

Lotis square is a compact, square version of our successful round Lotis series. The bulb sits deep down in a conical cup, which means it is less visible.

Besides the regular version, there is also an IP version for use in damp rooms or outdoor environments. Available with a white or black structure.

Lotis square is now also available in an upgraded Lotis square for LED version, using our M-LED 50 module. This allows you to choose from a large range of lighting colours (2700-4000K) and three different beam angles (spot, medium or flood).



## Lotis square for LED

### ACCESSORIES

#### ELECTRICAL - LED MODULE GE

! LED DRIVER SEE GOODIES SECTION

14060005	M-LED 50 2700K SPOT GE ALU
14060105	M-LED 50 2700K MEDIUM GE ALU
14060205	M-LED 50 2700K FLOOD GE ALU
14060305	M-LED 50 3000K SPOT GE ALU
14060405	M-LED 50 3000K MEDIUM GE ALU
14060505	M-LED 50 3000K FLOOD GE ALU
14060605	M-LED 50 3500K SPOT GE ALU
14060705	M-LED 50 3500K MEDIUM GE ALU
14060805	M-LED 50 3500K FLOOD GE ALU
14060905	M-LED 50 4000K SPOT GE ALU
14061005	M-LED 50 4000K MEDIUM GE ALU
14061105	M-LED 50 4000K FLOOD GE ALU

! LUMEN OUTPUT (FOR 3000K - MEDIUM - GE)  
350mA 550lm 6.2W  
500mA 739lm 9.2W

#### INSTALLATION - CONBOX

LOTIS SQUARE LED LOTIS SQUARE IP55 LED	
10889830	CONBOX 190x192x130x256

#### INSTALLATION - GYPKIT

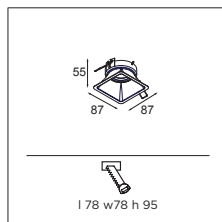
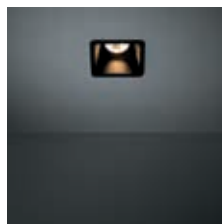
LOTIS SQUARE LED	
12291130	GYPKIT 190x190x78x78

LOTIS SQUARE IP55 LED	
12291230	GYPKIT 190x190x86x86



ECO LED GE

#### Lotis square for LED GE



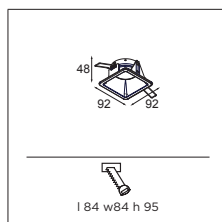
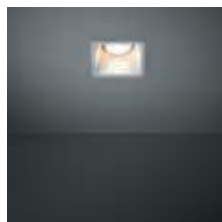
black	12619002
white struc	12619009



! MUST BE USED WITH M-LED 50

ECO LED GE

#### Lotis square IP55 for LED GE



black struc	12619108
white struc	12619109



! MUST BE USED WITH M-LED 50



# M-LED

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## Stepping into the LED era

After introducing the M-LED 111 and M-LED 70 modules, Modular has again prepared some icons to be LED-ified. Replacing the well-known MR16 lamp, the M-LED 50 module is designed for Lotis for LED, Asy lotis for LED and Lotis square for LED.

M-LED 111 is your solution for the Haloscan for LED and Multiple (trimless) for LED series, while M-LED 70 seamlessly fits your Mini multiple (trimless) for LED.

M-LED 70

M-LED

M-LED 50



! LUMEN OUTPUT (FOR 3000K - MEDIUM)  
350mA 605lm 6.2W  
500mA 813lm 9.2W

M-LED 70



! LUMEN OUTPUT (FOR 3000K - MEDIUM)  
350mA 605lm 6.2W  
500mA 813lm 9.2W

M-LED 111



! LUMEN OUTPUT (FOR 3000K - MEDIUM)  
350mA 904lm 11W  
500mA 1233lm 16.25W  
700mA 1596lm 23.6W  
900mA 1874lm 31.2W

WHERE TO USE?



## M-LED



M-LED

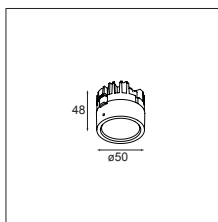
ACCESSORIES

ELECTRICAL - DRIVERS

SEE GOODIES SECTION

ECO LED GE

M-LED 50



1X LED ARRAY INCL. 9.2W

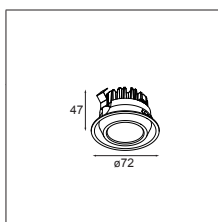
III 500mA IP20 GWT 960° 0,18KG

		WARM WHITE 2700K / CR190+		
		SPOT 15°	MEDIUM 25°	FLOOD 40°
alu	14060005	14060105	14060205	
		WARM WHITE 3000K / CR190+		
		SPOT 15°	MEDIUM 25°	FLOOD 40°
alu	14060305	14060405	14060505	
		WARM WHITE 3500K / CR190+		
		SPOT 15°	MEDIUM 25°	FLOOD 40°
alu	14060605	14060705	14060805	
		NEUTRAL WHITE 4000K / CR190+		
		SPOT 15°	MEDIUM 25°	FLOOD 40°
alu	14060905	14061005	14061105	

! CAN BE COMBINED WITH LOTIS, ASY LOTIS AND LOTIS SQUARE  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - GE)  
350mA 550lm 6.2W  
500mA 739lm 9.2W

ECO LED GE

M-LED 70



1X LED ARRAY INCL. 9.2W

III 500mA IP20 GWT 960° 0,18KG

		WARM WHITE 2700K / CR190+		
		SPOT 15°	MEDIUM 25°	FLOOD 40°
black matt	14070002	14070102	14070202	
white struc	14070009	14070109	14070209	
		WARM WHITE 3000K / CR190+		
		SPOT 15°	MEDIUM 25°	FLOOD 40°
black matt	14070302	14070402	14070502	
white struc	14070309	14070409	14070509	
		NEUTRAL WHITE 4000K / CR190+		
		SPOT 15°	MEDIUM 25°	FLOOD 40°
black matt	14070602	14070702	14070802	
white struc	14070609	14070709	14070809	

! CAN BE COMBINED WITH MINI MULTIPLE (TRIMLESS) AND HALOSCAN 128  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - GE)  
350mA 550lm 6.2W  
500mA 739lm 9.2W  
! 3500K ON REQUEST



M-LED 111

M-LED

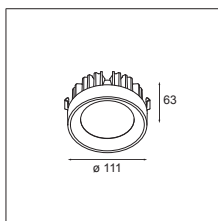
ACCESSORIES

ELECTRICAL - DRIVERS

SEE GOODIES SECTION

ECO LED GE

M-LED 111 GE



1X LED ARRAY INCL. 16.25W

III 500mA IP20 GWT 960° 0.46KG

	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
alu brushed	11298024	11298124	11298224
black matt	11298002	11298102	11298202
white struc	11298009	11298109	11298209

	WARM WHITE 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
alu brushed	11298324	11298424	11298524
black matt	11298302	11298402	11298502
white struc	11298309	11298409	11298509

	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
alu brushed	11298624	11298724	11298824
black matt	11298602	11298702	11298802
white struc	11298609	11298709	11298809

! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
 350mA 904lm  
 500mA 1233lm  
 700mA 1596lm  
 900mA 1874lm  
 ! 3500K ON REQUEST

LINEAR CUSTOM MADE | LIGHTING UNITS

2FLAT2C unit black GI for M-LED 111

ECO LED



	TreDim	1-10V	Dali	mod/asym/sym
1x	93167332	96167332	98167332	180 / 310 / 440
2x	93167342	96167342	98167342	180 / 310 / 440

! must be combined with M-LED 111 - see above  
 ! check profiles workbook for other components

SL149 unit black GI for M-LED 111

ECO LED



	TreDim	1-10V	Dali	mod/asym/sym
1x	93197332	96197332	98197332	140 / 310 / 480
2x	93197342	96197342	98197342	140 / 310 / 480

! must be combined with M-LED 111 - see above  
 ! check profiles workbook for other components



# MARBUL

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## Surface solution with ingenious design

Marbul feels at home on both the wall and ceiling, which makes it ideal for both residential and hospitality projects. With fully integrated technology, it's a perfect ready-made solution for renovation projects as well. Marbul presents an ingenious design, where the body holds one or two globes, each with its own dedicated LED module.





### ASYMMETRY RULES

—  
The soft curves of its asymmetric globes, a characteristic Modular detail, give Marbul a futuristic spin. Each globe tilts independently, without any visible wiring. At the same time, the globe shape and design serve as a heat conductor while reflecting the light with maximum efficiency.

## Marbul



### INGENIOUS DEVELOPMENT

Modular's R&D department developed a completely new rotation system, leaving the typical gimbal system far behind. It allows you to rotate the bulbs separately, resulting in maximal flexibility when directing the light. This new rotation system is fully incorporated into the housing, leaving enough space for the driver. No single piece of technology or screw is visible.





MARBUL 1X

## Marbul



MARBUL 1X

## AN EYE FOR DETAILS

Modular always strives for perfection and by pushing our boundaries daily, we succeed in bringing you a surprisingly detailed fixture. This time, securing the reflector into the globe was approached from a different angle. Instead of fitting the reflector with a front ring, we chose to fix it firmly from the back of the globe, resulting in a reflector that sits perfectly within the globe's rim.



## Marbul



## EASY INSTALLATION

Designed to look as light and elegant as possible, the housing and base give the impression that the globes are floating below the ceiling or against the wall. Ease of installation was also a major consideration in our design of the housing. It features pre-moulded holes to facilitate securing it with screws to the ceiling, as well as a cover fitted with magnets and a wire. All in all, it will take only four steps to get Marbul started.



## Marbul

### DIFFERENT LOOKS

Marbul can be either wall or ceiling mounted, making this fixture suited for both residential and hospitality use. It creates an original eye-catcher if used as a nightlight in your bedroom or above the bar in a restaurant. Marbul comes in donkey grey, black or white versions, with one or two separate directional globes attached to the housing.





Marbul



MARBUL 1X

## Marbul



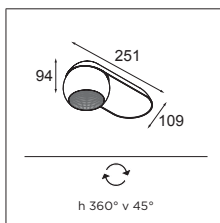
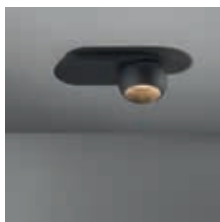
MARBUL 1X



MARBUL 2X

ECO LED GI

Marbul 1x LED GI



1X LED ARRAY INCL. 9.3W



TRAILING EDGE DIMMABLE	WARM WHITE 2700K / CRI90+			WARM WHITE 3000K / CRI90+		
	SUPER SPOT 10°	MEDIUM 25°	FLOOD 40°	SUPER SPOT 10°	MEDIUM 25°	FLOOD 40°
black struc	13050132	13050232	13050332	13052132	13052232	13052332
donkey grey struc	13050176	13050276	13050376	13052176	13052276	13052376
white struc	13050109	13050209	13050309	13052109	13052209	13052309

1-10V/PUSHDIM	WARM WHITE 2700K / CRI90+			WARM WHITE 3000K / CRI90+		
	SUPER SPOT 10°	MEDIUM 25°	FLOOD 40°	SUPER SPOT 10°	MEDIUM 25°	FLOOD 40°
black struc	13051132	13051232	13051332	13053132	13053232	13053332
donkey grey struc	13051176	13051276	13051376	13053176	13053276	13053376
white struc	13051109	13051209	13051309	13053109	13053209	13053309

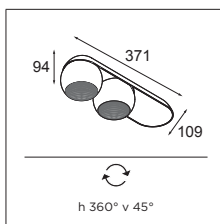
  

DALI	WARM WHITE 2700K / CRI90+			WARM WHITE 3000K / CRI90+		
	SUPER SPOT 10°	MEDIUM 25°	FLOOD 40°	SUPER SPOT 10°	MEDIUM 25°	FLOOD 40°
black struc	13051532	13051632	13051732	13053532	13053632	13053732
donkey grey struc	13051576	13051676	13051776	13053576	13053676	13053776
white struc	13051509	13051609	13051709	13053509	13053609	13053709

! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC) - 748lm

ECO LED GI

Marbul 2x LED GI



2X LED ARRAY INCL. 9.3W



TRAILING EDGE DIMMABLE	WARM WHITE 2700K / CRI90+			WARM WHITE 3000K / CRI90+		
	SUPER SPOT 10°	MEDIUM 25°	FLOOD 40°	SUPER SPOT 10°	MEDIUM 25°	FLOOD 40°
black struc	13054132	13054232	13054332	13056132	13056232	13056332
donkey grey struc	13054176	13054276	13054376	13056176	13056276	13056376
white struc	13054109	13054209	13054309	13056109	13056209	13056309

1-10V/PUSHDIM	WARM WHITE 2700K / CRI90+			WARM WHITE 3000K / CRI90+		
	SUPER SPOT 10°	MEDIUM 25°	FLOOD 40°	SUPER SPOT 10°	MEDIUM 25°	FLOOD 40°
black struc	13055132	13055232	13055332	13057132	13057232	13057332
donkey grey struc	13055176	13055276	13055376	13057176	13057276	13057376
white struc	13055109	13055209	13055309	13057109	13057209	13057309

DALI	WARM WHITE 2700K / CRI90+			WARM WHITE 3000K / CRI90+		
	SUPER SPOT 10°	MEDIUM 25°	FLOOD 40°	SUPER SPOT 10°	MEDIUM 25°	FLOOD 40°
black struc	13055532	13055632	13055732	13057532	13057632	13057732
donkey grey struc	13055576	13055676	13055776	13057576	13057676	13057776
white struc	13055509	13055609	13055709	13057509	13057609	13057709

! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC) - 2x 748lm



# MARCEL

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## Back to basics

Marcel meets every customer's requirements for a highly efficient retail lighting solution. Its ease-of-installation, adjustability and the endless possibilities procured by different LED sources and different lamp versions (one, two or three lamps) make Marcel an extremely versatile fixture.



MARCEL  
BROOKLYN, KORTRIJK (BE)

## Marcel



MARCEL  
BROOKLYN, KORTRIJK (BE)

### FOCUS ON THE ESSENTIALS

Marcel presents a stylish frame, fitted with adjustable lamp units. In the single lamp version, the frame is square shaped, while the two and three lamp versions have a rectangular shape. The refined, directional downlight will be used mainly in retail applications, as a functional lighting solution. It's perfect for situations that require both high efficiency and low consumption.

### PLUG-AND-PLAY INSTALLATION

The installation of Marcel, is just as quick and easy as changing its lighting effect (by interchangeable reflectors or add-on antiglare, spreadlens, ...), thanks to our smart installation system. By simply tightening two screws, the installation flanges fold out and secure the fixture to the ceiling.



## Marcel



MARCEL 2X



MARCEL 1X



## ONLY ONE LIGHT PUSH

The right lighting mood is of the utmost importance in a shop. Marcel makes it easy to change the lighting effect to suit the circumstances and setting in your retail space. The brackets and unique tilt mechanism allow you to direct the light source the way you want, and you won't need a ladder: the tip of a broomstick will do the trick! Just touch the border of the lamp's housing and redirect the lamp as desired in one single action.





MARCEL  
SVILLA B&B, TURNHOUT (BE)

ACCESSORIES

ELECTRICAL - DRIVERS

SEE GOODIES SECTION

LIGHTING - ANTIGLARE

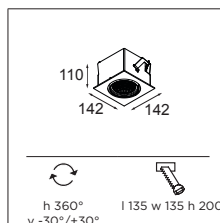
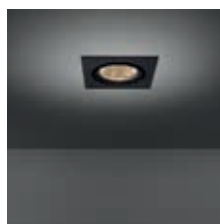
10212700	TRANSPARENT GLASS Ø79
10212702	HONEYCOMB Ø79
10212703	SPREADLENS Ø79

LIGHTING - REFLECTOR

11949930	REFLECTOR Ø79 SPOT
11949830	REFLECTOR Ø79 MEDIUM
11949730	REFLECTOR Ø79 FLOOD

ECO LED GE

Marcel 1x LED GE



1X LED ARRAY INCL. 31W

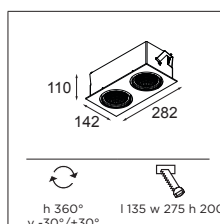


	WARM WHITE 2700K / CRI90+			WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	14091032	14091132	14091232	14091332	14091432	14091532
white struc	14091009	14091109	14091209	14091309	14091409	14091509

! LUMEN OUTPUT (FOR 3000K - MEDIUM - GE)  
 500mA 1520lm 14W  
 700mA 2020lm 20W  
 900mA 2420lm 25.5W  
 1050mA 2756lm 31W  
 ! 3500K AND 4000K ON REQUEST

ECO LED GE

Marcel 2x LED GE



2X LED ARRAY INCL. 31W



	WARM WHITE 2700K / CRI90+			WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	14092032	14092132	14092232	14092332	14092432	14092532
white struc	14092009	14092109	14092209	14092309	14092409	14092509

! LUMEN OUTPUT (FOR 3000K - MEDIUM - GE)  
 500mA 3040lm 28W  
 700mA 4040lm 40W  
 900mA 4840lm 51W  
 1050mA 5512lm 62W  
 ! 3500K AND 4000K ON REQUEST

## Marcel



ACCESSORIES

ELECTRICAL - DRIVERS

SEE GOODIES SECTION

LIGHTING - ANTIGLARE

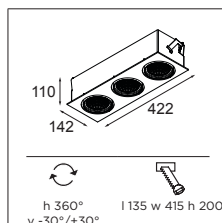
10212700	TRANSPARENT GLASS Ø79
10212702	HONEYCOMB Ø79
10212703	SPREADLENS Ø79

LIGHTING - REFLECTOR

11949930	REFLECTOR Ø79 SPOT
11949830	REFLECTOR Ø79 MEDIUM
11949730	REFLECTOR Ø79 FLOOD

ECO LED GE

Marcel 3x LED GE



3X LED ARRAY INCL. 31W

	WARM WHITE 2700K / CRI90+			WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	14093032	14093132	14093232	14093332	14093432	14093532
white struc	14093009	14093109	14093209	14093309	14093409	14093509

! LUMEN OUTPUT (FOR 3000K - MEDIUM - GE)  
 500mA 4560lm 42W  
 700mA 6060lm 63W  
 900mA 7260lm 76.5W  
 1050mA 8268lm 93W  
 ! 3500K AND 4000K ON REQUEST



# MULTIPLE MINI MULTIPLE

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## Highly versatile flagship luminaires series

Twenty years after its initial launch, Modular's Multiple – Multiple, Multiple trimless, Mini Multiple and Mini Multiple trimless – is still a much coveted luminaire series and the flagship solution in our architectural lighting portfolio. The technology is on full display and allows all Multiple luminaires to fit well into both a minimalist and an industrial-chic environment. The light source can be directed in any desired angle thanks to the gimbaled system.

## Mini multiple for LED



MINI MULTIPLE WITH M-LED 70  
PRIVATE RESIDENCE, KAIN (BE)

## Mini multiple for LED





## Mini multiple for LED



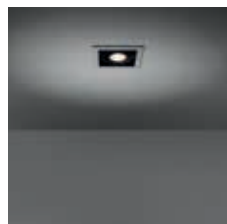
### MULTIPLE POSSIBILITIES

The Multiple family consists of four models, with slight differences as to size and finish. All four models are now available for LED, by combining the Multiple (trimless) and the Mini multiple (trimless) with our M-LED 111 and M-LED 70 modules. The LED series offers you an extensive range of lighting colours (2700-4000K) and three different beam angles (spot, medium or flood).

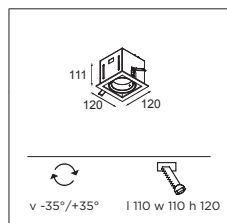
## Mini multiple for LED

ECO LED GE

### Mini multiple for 1x LED GE



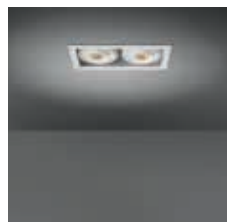
alu - black	13130005
white struc	13130009



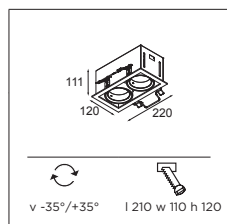
! MUST BE USED WITH M-LED 70

ECO LED GE

### Mini multiple for 2x LED GE



alu - black	13130105
white struc	13130109



! MUST BE USED WITH M-LED 70

## ACCESSORIES

### ELECTRICAL - LED MODULE GE

! LED DRIVER SEE GOODIES SECTION

14070002	M-LED 70 2700K SPOT GE BLACK MATT
14070009	M-LED 70 2700K SPOT GE WHITE STRUC
14070102	M-LED 70 2700K MEDIUM GE BLACK MATT
14070109	M-LED 70 2700K MEDIUM GE WHITE STRUC
14070202	M-LED 70 2700K FLOOD GE BLACK MATT
14070209	M-LED 70 2700K FLOOD GE WHITE STRUC
14070302	M-LED 70 3000K SPOT GE BLACK MATT
14070309	M-LED 70 3000K SPOT GE WHITE STRUC
14070402	M-LED 70 3000K MEDIUM GE BLACK MATT
14070409	M-LED 70 3000K MEDIUM GE WHITE STRUC
14070502	M-LED 70 3000K FLOOD GE BLACK MATT
14070509	M-LED 70 3000K FLOOD GE WHITE STRUC
14070602	M-LED 70 4000K SPOT GE BLACK MATT
14070609	M-LED 70 4000K SPOT GE WHITE STRUC
14070702	M-LED 70 4000K MEDIUM GE BLACK MATT
14070709	M-LED 70 4000K MEDIUM GE WHITE STRUC
14070802	M-LED 70 4000K FLOOD GE BLACK MATT
14070809	M-LED 70 4000K FLOOD GE WHITE STRUC

! LUMEN OUTPUT (FOR 3000K - MEDIUM - GE)

350mA 550lm 6.2W

500mA 739lm 9.2W

! 3500K on request



## Mini multiple for LED

### INSTALLATION - CONBOX

MINI MULTIPLE 1X	
10400130	CONBOX 122x257x147x186
MINI MULTIPLE 2X	
10400230	CONBOX 257x222x147x321
MINI MULTIPLE 3X	
10400330	CONBOX 257x327x147x321
MINI MULTIPLE 4X	
10400430	CONBOX 357x222x147x421

### INSTALLATION - GYPKIT

MINI MULTIPLE 1X	
10420130	GYPKIT 255x152x110x110
MINI MULTIPLE 2X	
10420230	GYPKIT 240x287x210x110
MINI MULTIPLE 3X	
10420330	GYPKIT 345x287x315x110
MINI MULTIPLE 4X	
10420430	GYPKIT 240x387x210x210

ECO LED GE

### Mini multiple for 3x LED GE

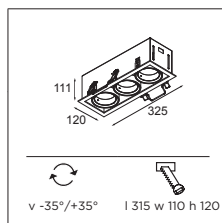


alu - black  
white struc



13130205

13130209



! MUST BE USED WITH M-LED 70

ECO LED GE

### Mini multiple for 4x LED GE

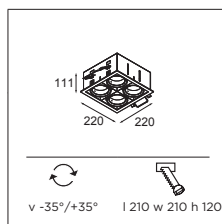


alu - black  
white struc



13130305

13130309

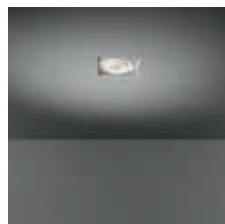


! MUST BE USED WITH M-LED 70

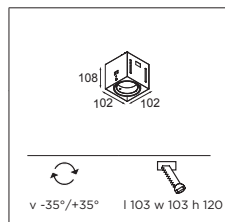
## Mini multiple trimless for LED

ECO LED GE

### Mini multiple trimless for 1x LED GE



black	13131002
white struc	13131009



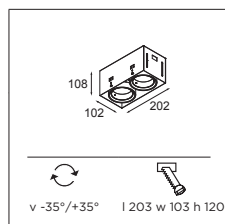
! MUST BE USED WITH M-LED 70

ECO LED GE

### Mini multiple trimless for 2x LED GE



black	13131102
white struc	13131109



! MUST BE USED WITH M-LED 70

## ACCESSORIES

### ELECTRICAL - LED MODULE GE

! LED DRIVER SEE GOODIES SECTION

14070002	M-LED 70 2700K SPOT GE BLACK MATT
14070009	M-LED 70 2700K SPOT GE WHITE STRUC
14070102	M-LED 70 2700K MEDIUM GE BLACK MATT
14070109	M-LED 70 2700K MEDIUM GE WHITE STRUC
14070202	M-LED 70 2700K FLOOD GE BLACK MATT
14070209	M-LED 70 2700K FLOOD GE WHITE STRUC
14070302	M-LED 70 3000K SPOT GE BLACK MATT
14070309	M-LED 70 3000K SPOT GE WHITE STRUC
14070402	M-LED 70 3000K MEDIUM GE BLACK MATT
14070409	M-LED 70 3000K MEDIUM GE WHITE STRUC
14070502	M-LED 70 3000K FLOOD GE BLACK MATT
14070509	M-LED 70 3000K FLOOD GE WHITE STRUC
14070602	M-LED 70 4000K SPOT GE BLACK MATT
14070609	M-LED 70 4000K SPOT GE WHITE STRUC
14070702	M-LED 70 4000K MEDIUM GE BLACK MATT
14070709	M-LED 70 4000K MEDIUM GE WHITE STRUC
14070802	M-LED 70 4000K FLOOD GE BLACK MATT
14070809	M-LED 70 4000K FLOOD GE WHITE STRUC

! LUMEN OUTPUT (FOR 3000K - MEDIUM - GE)

350mA	550lm	6.2W
500mA	739lm	9.2W

! 3500K on request



M-LED 70

## Mini multiple trimless for LED

### INSTALLATION - CONBOX

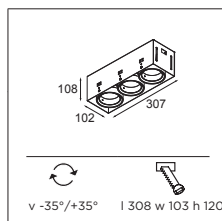
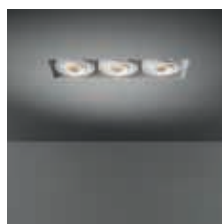
MINI MULTIPLE TRIMLESS 1X	
10440130	CONBOX 137x158x130x215
MINI MULTIPLE TRIMLESS 2X	
10440230	CONBOX 237x158x130x315
MINI MULTIPLE TRIMLESS 3X	
10440730	CONBOX 342x158x130x420
MINI MULTIPLE TRIMLESS 4X	
10440430	CONBOX 237x258x130x315

### INSTALLATION - RECESSED FRAME

MINI MULTIPLE TRIMLESS 1X	
10460130	RECESSED FRAME 133.5x133.5x106x106
MINI MULTIPLE TRIMLESS 2X	
10460230	RECESSED FRAME 233.5x133.5x206x106
MINI MULTIPLE TRIMLESS 3X	
10460330	RECESSED FRAME 338.5x133.5x311x106
MINI MULTIPLE TRIMLESS 4X	
10460430	RECESSED FRAME 233.5x233.5x206x206

ECO LED GE

### Mini multiple trimless for 3x LED GE



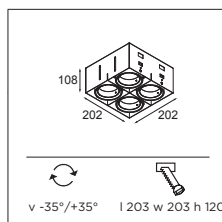
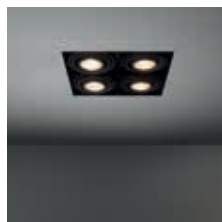
black	13131202
white struc	13131209



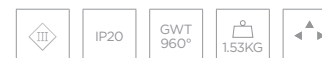
! MUST BE USED WITH M-LED 70

ECO LED GE

### Mini multiple trimless for 4x LED GE



black	13131302
white struc	13131309



! MUST BE USED WITH M-LED 70

## Multiple for LED



MULTIPLE TRIMLESS WITH M-LED 111  
APOTHEEK DONS, BERENDRECHT (BE)  
SCULP[IT]ARCHITECTEN

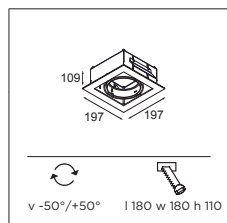
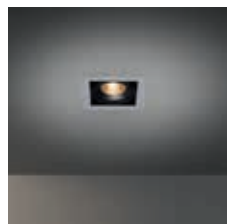
## Multiple for LED



## Multiple for LED

ECO LED GE

### Multiple for 1x LED GE



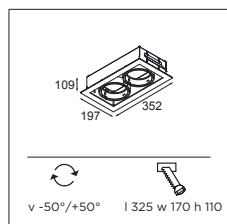
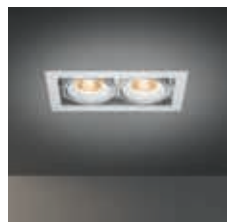
alu - black	13170005
white struc	13170009



! MUST BE USED WITH M-LED 111

ECO LED GE

### Multiple for 2x LED GE



alu - black	13170105
white struc	13170109



! MUST BE USED WITH M-LED 111

## ACCESSORIES

### ELECTRICAL - LED MODULE GE

! LED DRIVER SEE GOODIES SECTION

11298002	M-LED 111 2700K SPOT GE BLACK MATT
11298009	M-LED 111 2700K SPOT GE WHITE STRUC
11298024	M-LED 111 2700K SPOT GE ALU BRUSHED
11298102	M-LED 111 2700K MEDIUM GE BLACK MATT
11298109	M-LED 111 2700K MEDIUM GE WHITE STRUC
11298124	M-LED 111 2700K MEDIUM GE ALU BRUSHED
11298202	M-LED 111 2700K FLOOD GE BLACK MATT
11298209	M-LED 111 2700K FLOOD GE WHITE STRUC
11298224	M-LED 111 2700K FLOOD GE ALU BRUSHED
11298302	M-LED 111 3000K SPOT GE BLACK MATT
11298309	M-LED 111 3000K SPOT GE WHITE STRUC
11298324	M-LED 111 3000K SPOT GE ALU BRUSHED
11298402	M-LED 111 3000K MEDIUM GE BLACK MATT
11298409	M-LED 111 3000K MEDIUM GE WHITE STRUC
11298424	M-LED 111 3000K MEDIUM GE ALU BRUSHED
11298502	M-LED 111 3000K FLOOD GE BLACK MATT
11298509	M-LED 111 3000K FLOOD GE WHITE STRUC
11298524	M-LED 111 3000K FLOOD GE ALU BRUSHED
11298602	M-LED 111 4000K SPOT GE BLACK MATT
11298609	M-LED 111 4000K SPOT GE WHITE STRUC
11298624	M-LED 111 4000K SPOT GE ALU BRUSHED
11298702	M-LED 111 4000K MEDIUM GE BLACK MATT
11298709	M-LED 111 4000K MEDIUM GE WHITE STRUC
11298724	M-LED 111 4000K MEDIUM GE ALU BRUSHED
11298802	M-LED 111 4000K FLOOD GE BLACK MATT
11298809	M-LED 111 4000K FLOOD GE WHITE STRUC
11298824	M-LED 111 4000K FLOOD GE ALU BRUSHED

! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)

350mA	904lm
500mA	1233lm
700mA	1596lm
900mA	1874lm

! 3500K on request



M-LED 111



## Multiple for LED

### INSTALLATION - CONBOX

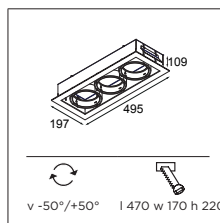
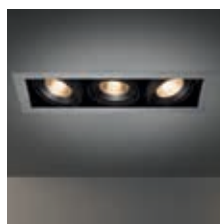
MULTIPLE 1X	
10390130	CONBOX 183x312x122x247
MULTIPLE 2X	
10390230	CONBOX 228x387x122x292
MULTIPLE 3X	
10390330	CONBOX 228x532x122x292
MULTIPLE 4X	
10390430	CONBOX 382x387x122x446

### INSTALLATION - GYPKIT

MULTIPLE 1X	
10410130	GYPKIT 310x212x170x170
MULTIPLE 2X	
10410230	GYPKIT 385x257x325x170
MULTIPLE 3X	
10410330	GYPKIT 530x257x470x170
MULTIPLE 4X	
10410430	GYPKIT 385x412x325x325

ECO LED GE

#### Multiple for 3x LED GE



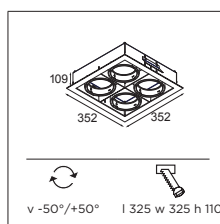
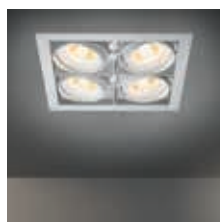
alu - black	13170205
white struc	13170209



! MUST BE USED WITH M-LED 111

ECO LED GE

#### Multiple for 4x LED GE



alu - black	13170305
white struc	13170309



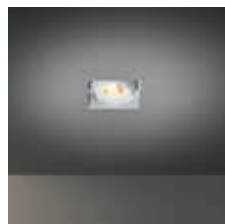
! MUST BE USED WITH M-LED 111

## Multiple trimless for LED

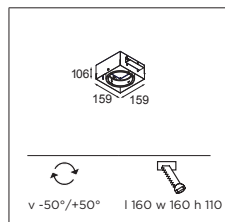
ECO LED GE



### Multiple trimless for 1x LED GE



black	13171002
white struc	13171009

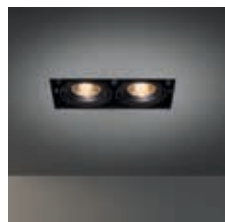


! MUST BE USED WITH M-LED 111

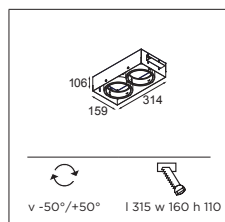
ECO LED GE



### Multiple trimless for 2x LED GE



black	13171102
white struc	13171109



! MUST BE USED WITH M-LED 111

## ACCESSORIES

### ELECTRICAL - LED MODULE GE

! LED DRIVER SEE GOODIES SECTION

11298002	M-LED 111 2700K SPOT GE BLACK MATT
11298009	M-LED 111 2700K SPOT GE WHITE STRUC
11298024	M-LED 111 2700K SPOT GE ALU BRUSHED
11298102	M-LED 111 2700K MEDIUM GE BLACK MATT
11298109	M-LED 111 2700K MEDIUM GE WHITE STRUC
11298124	M-LED 111 2700K MEDIUM GE ALU BRUSHED
11298202	M-LED 111 2700K FLOOD GE BLACK MATT
11298209	M-LED 111 2700K FLOOD GE WHITE STRUC
11298224	M-LED 111 2700K FLOOD GE ALU BRUSHED
11298302	M-LED 111 3000K SPOT GE BLACK MATT
11298309	M-LED 111 3000K SPOT GE WHITE STRUC
11298324	M-LED 111 3000K SPOT GE ALU BRUSHED
11298402	M-LED 111 3000K MEDIUM GE BLACK MATT
11298409	M-LED 111 3000K MEDIUM GE WHITE STRUC
11298424	M-LED 111 3000K MEDIUM GE ALU BRUSHED
11298502	M-LED 111 3000K FLOOD GE BLACK MATT
11298509	M-LED 111 3000K FLOOD GE WHITE STRUC
11298524	M-LED 111 3000K FLOOD GE ALU BRUSHED
11298602	M-LED 111 4000K SPOT GE BLACK MATT
11298609	M-LED 111 4000K SPOT GE WHITE STRUC
11298624	M-LED 111 4000K SPOT GE ALU BRUSHED
11298702	M-LED 111 4000K MEDIUM GE BLACK MATT
11298709	M-LED 111 4000K MEDIUM GE WHITE STRUC
11298724	M-LED 111 4000K MEDIUM GE ALU BRUSHED
11298802	M-LED 111 4000K FLOOD GE BLACK MATT
11298809	M-LED 111 4000K FLOOD GE WHITE STRUC
11298824	M-LED 111 4000K FLOOD GE ALU BRUSHED

! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)

350MA	904lm
500MA	1233lm
700MA	1596lm
900mA	1874lm

! 3500K on request



M-LED 111

## Multiple trimless for LED

### INSTALLATION - CONBOX

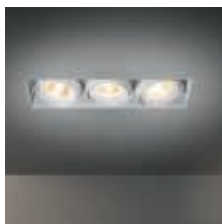
MULTIPLE TRIMLESS 1X	
10430130	CONBOX 194x215x120x272
MULTIPLE TRIMLESS 2X	
10430230	CONBOX 349x215x120x427
MULTIPLE TRIMLESS 3X	
10430330	CONBOX 492x215x120x570
MULTIPLE TRIMLESS 4X	
10430430	CONBOX 349x370x120x427

### INSTALLATION - RECESSED FRAME

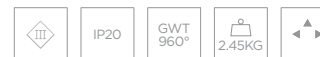
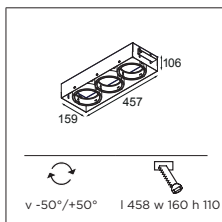
MULTIPLE TRIMLESS 1X	
10450130	RECESSED FRAME 190.5x190.5x163x163
MULTIPLE TRIMLESS 2X	
10450230	RECESSED FRAME 345.5x190.5x318x163
MULTIPLE TRIMLESS 3X	
10450330	RECESSED FRAME 488.5x190.5x318x461
MULTIPLE TRIMLESS 4X	
10450430	RECESSED FRAME 345.5x345.5x318x318

ECO LED GE

### Multiple trimless for 3x LED GE



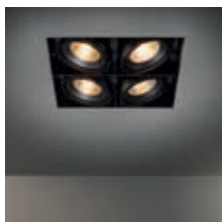
black	13171202
white struc	13171209



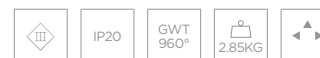
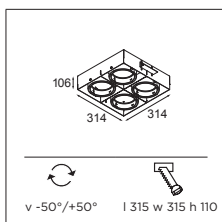
! MUST BE USED WITH M-LED III

ECO LED GE

### Multiple trimless for 4x LED GE



black	13171302
white struc	13171309



! MUST BE USED WITH M-LED III



# NOMAD 111

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## Timeless passe-partout

Nomad is a classic. This refined, industrial fitting with its visible wiring is perfect for highlighting your favourite elements in your interior. The family comprises a wide range of lighting solutions. With the integration of the new M-LED 111 in combination with the appropriate LED gear, Nomad is ready for a bright future.



NOMAD 111 2X LED ALU

## Nomad 111



NOMAD 111 2X LED WHITE STRUCTURE



NOMAD 111 4X LED BLACK

ACCESSORIES

ELECTRICAL - DRIVERS

SEE GOODIES SECTION

INSTALLATION - FLANGES

BASE FLANGE

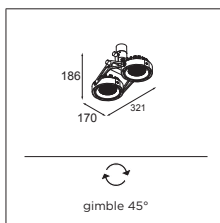
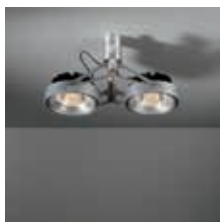
10203005	BASE FLANGE Ø90 H 3 - ALU
10203009	BASE FLANGE Ø90 H 3 - WHITE STRUC
10203032	BASE FLANGE Ø90 H 3 - BLACK STRUC

BASE FLANGE TUBE

10204005	BASE FLANGE TUBE Ø90 H 20 - ALU
10204009	BASE FLANGE TUBE Ø90 H 20 - WHITE STRUC
10204032	BASE FLANGE TUBE Ø90 H 20 - BLACK STRUC

ECO LED GE

Nomad 111 2x LED GE



2X LED ARRAY INCL. 16.25W



	WARM WHITE 2700K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
alu	12023005	12023105	12023205
black	12023002	12023102	12023202
white struc	12023009	12023109	12023209

	WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
alu	12023305	12023405	12023505
black	12023302	12023402	12023502
white struc	12023309	12023409	12023509

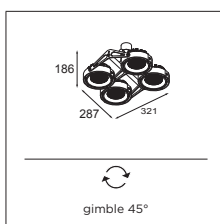
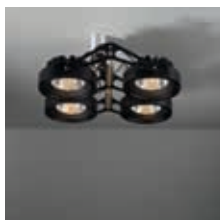
  

	NEUTRAL WHITE 4000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
alu	12023605	12023705	12023805
black	12023602	12023702	12023802
white struc	12023609	12023709	12023809

! 3500K ON REQUEST  
 ! BASE FLANGE OPTIONAL  
 ! LUMEN OUTPUT (FOR 3000K - MEDIUM)  
 350mA 1808lm  
 500mA 2466lm  
 700mA 3192lm  
 900mA 3748lm

ECO LED GE

Nomad 111 4x LED GE



4X LED ARRAY INCL. 16.25W



	WARM WHITE 2700K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
alu	12024005	12024105	12024205
black	12024002	12024102	12024202
white struc	12024009	12024109	12024209

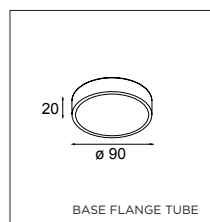
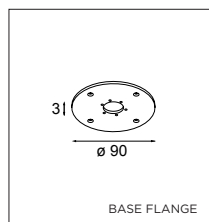
  

	WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
alu	12024305	12024405	12024505
black	12024302	12024402	12024502
white struc	12024309	12024409	12024509

	NEUTRAL WHITE 4000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
alu	12024605	12024705	12024805
black	12024602	12024702	12024802
white struc	12024609	12024709	12024809

! 3500K ON REQUEST  
 ! BASE FLANGE OPTIONAL  
 ! LUMEN OUTPUT (FOR 3000K - MEDIUM)  
 350mA 3616lm  
 500mA 4932lm  
 700mA 6384lm  
 900mA 7496lm





# SEMIH

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## Yin and Yang in one stylish fixture

Just like in the yin-yang symbol, an S-shaped line divides Semih into two equal, yet opposite, sections: the hard, solid part mounted to the ceiling and the soft, round lamp housing, which can be easily pointed in the direction of specific objects or places. Adding a sense of softness and style to any interior, Semih is exceptionally easy to install, thanks to strong mounting magnets.



Semih



SEMIH  
PRIVATE RESIDENCE, KNOKKE (BE)

## Semih



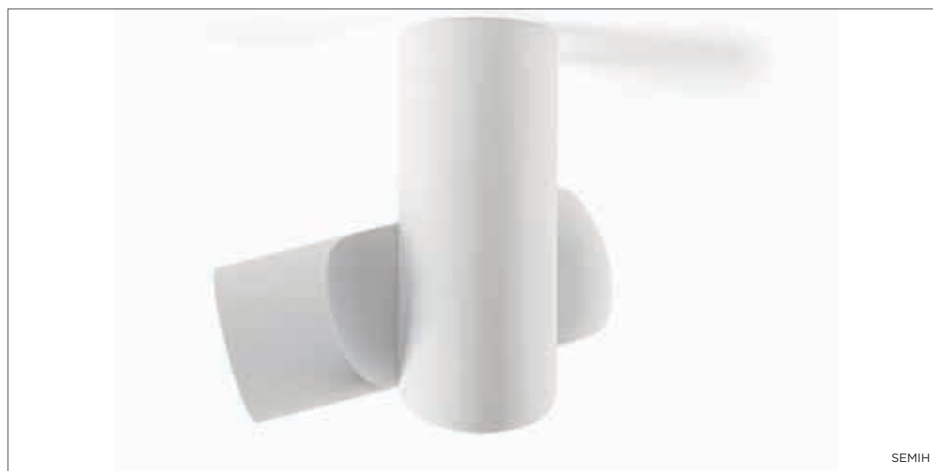
SEMIH  
PRIVATE RESIDENCE, KORTRIJK (BE)

### HIGH CEILINGS

Semih will be an eye-catcher in any home, restaurant, hotel or conference room. Its high output make it a smart choice for rooms with high ceilings, which can often be a challenge to light.

### FLEXIBILITY PAR EXCELLENCE

Today's interiors are places where people work, relax and enjoy the company of family and friends. To cater to all these different functions, interior architects prefer to keep spaces multifunctional and flexible. Semih was designed especially with this philosophy in mind: the rotating lamp housing with a choice of 3 types of reflectors can cast accent, task-related or ambient lighting wherever it is needed.



## Semih



### VERSATILE LIGHT SOURCE

Semih is made of two identical parts, divided by a mere 2mm S-line. With the part mounted to the ceiling rotating by 360° around its axis and the lamp housing by 75° (in both directions), Semih is a very versatile lighting fixture, which can be used in any situation. Semih features a powerful, dimmable and energy-efficient LED source.

### INSTALLATION MADE EASY

Installing Semih is a breeze, as it requires hardly any screws. Just mount the ceiling panel to the ceiling and let the powerful magnets do their job. The reflectors, too, are clicked on a magnetic inner panel, which facilitates replacement. Moreover, as all the gear is integrated into the fixture, Semih can be smoothly connected to a 230 Volt standard wiring during renovation works.



SEMIH

## Semih



SEMIH  
PRIVATE RESIDENCE, KNOCKE (BE)

### CIRCULAR LINES

Moreover, its circular shape makes Semih a perfect fit for today's rooms, which increasingly incorporate furniture with soft, circular, organic lines to bring a sense of harmony, comfort and relaxation – away from the hectic world outside.

Semih



SEMIH

Semih

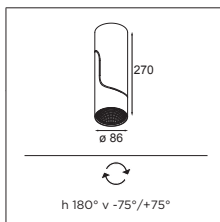


SEMİH



ECO LED GI

Semih LED GI



1X LED ARRAY INCL. 16.2W

TRAILING EDGE DIMMABLE	WARM WHITE 2700K / CRI90+			WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	13180032	13180132	13180232	13180332	13180432	13180532
white struc	13180009	13180109	13180209	13180309	13180409	13180509

1-10V/PUSHDIM	WARM WHITE 2700K / CRI90+			WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	13181032	13181132	13181232	13181332	13181432	13181532
white struc	13181009	13181109	13181209	13181309	13181409	13181509

DALI	WARM WHITE 2700K / CRI90+			WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	13182032	13182132	13182232	13182332	13182432	13182532
white struc	13182009	13182109	13182209	13182309	13182409	13182509

! 3500K & 4000K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC) - 1413lm



# SINGLE ROUND

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## Contrasting geometric shapes

Playing on square-angled and round shapes, Single round combines the best of both worlds. The M-LED 111 module fits well in an aluminium cylinder. The single connection with the hinge contributes to a highly directional fixture. A great solution for use in specific retail projects thanks to the high performance and energy-efficient LED engine.



SINGLE ROUND

## Single round



SINGLE ROUND



SINGLE ROUND

## Single round

### ACCESSORIES

#### INSTALLATION - TRACK

SURFACE	RECESSED	PROFILE
11242201	11242401	PROFILE 1M WHITE SHINY
11242202	11242402	PROFILE 1M BLACK
11242205	11242405	PROFILE 1M ALU
11240101	11240301	PROFILE 2M WHITE SHINY
11240102	11240302	PROFILE 2M BLACK
11240105	11240305	PROFILE 2M ALU

SURFACE	RECESSED	POWER FEED RIGHT
11240501	11241601	POWER FEED RIGHT WHITE SHINY
11240502	11241602	POWER FEED RIGHT BLACK
11240505	11241605	POWER FEED RIGHT ALU

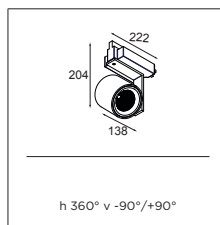
SURFACE	RECESSED	POWER FEED LEFT
11240601	11241701	POWER FEED LEFT WHITE SHINY
11240602	11241702	POWER FEED LEFT BLACK
11240605	11241705	POWER FEED LEFT ALU

SURFACE	RECESSED	ENDPLATE
11241401	11241401	ENDPLATE WHITE SHINY
11241402	11241402	ENDPLATE BLACK
11241405	11241405	ENDPLATE ALU

SEE MAIN CATALOGUE FOR ADDITIONAL TRACK COMPONENTS

ECO LED GI

#### Single round LED GI



h 360° v -90°/+90°

1X LED ARRAY INCL. 26W



TRAILING EDGE DIMMABLE	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	13031032	13031332	13031632
white struc	13031009	13031309	13031609
TRAILING EDGE DIMMABLE	WARM WHITE 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	13031132	13031432	13031732
white struc	13031109	13031409	13031709
TRAILING EDGE DIMMABLE	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	13031232	13031532	13031832
white struc	13031209	13031509	13031809

! 3500K ON REQUEST

! LUMEN OUTPUT (FOR 3000K - MEDIUM) - 2044lm



# SINGLE SQUARE

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## All the right angles

Single square likes to show off with its discreet hinge points and square corners. The built-in hinging mechanism makes this fixture a versatile and highly directional spotlight, which is installed using the Modular rail system. Following the integration of the M-LED 111 and the relevant LED gear, Single square has become a highly efficient, ideal spotlight for retail projects.



SINGLE SQUARE

## Single square



SINGLE SQUARE  
POP KAFE, NANCY (FR)  
JEAN LUC HEMMER



Single square



SINGLE SQUARE  
DUCATI, PARIS (FR)

## Single square



SINGLE SQUARE



SINGLE SQUARE

## Single square

### ACCESSORIES

#### INSTALLATION - TRACK

SURFACE	RECESSED	PROFILE
11242201	11242401	PROFILE 1M WHITE SHINY
11242202	11242402	PROFILE 1M BLACK
11242205	11242405	PROFILE 1M ALU
11240101	11240301	PROFILE 2M WHITE SHINY
11240102	11240302	PROFILE 2M BLACK
11240105	11240305	PROFILE 2M ALU

SURFACE	RECESSED	POWER FEED RIGHT
11240501	11241601	POWER FEED RIGHT WHITE SHINY
11240502	11241602	POWER FEED RIGHT BLACK
11240505	11241605	POWER FEED RIGHT ALU

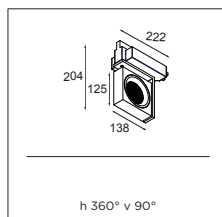
SURFACE	RECESSED	POWER FEED LEFT
11240601	11241701	POWER FEED LEFT WHITE SHINY
11240602	11241702	POWER FEED LEFT BLACK
11240605	11241705	POWER FEED LEFT ALU

SURFACE	RECESSED	ENDPLATE
11241401	11241401	ENDPLATE WHITE SHINY
11241402	11241402	ENDPLATE BLACK
11241405	11241405	ENDPLATE ALU

SEE MAIN CATALOGUE FOR ADDITIONAL TRACK COMPONENTS

ECO LED GI

#### Single square LED GI



h 360° v 90°

1X LED ARRAY INCL. 26W



TRAILING EDGE DIMMABLE	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	11402032	11402332	11402632
white struc	11402009	11402309	11402609
TRAILING EDGE DIMMABLE	WARM WHITE 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	11402132	11402432	11402732
white struc	11402109	11402409	11402709
TRAILING EDGE DIMMABLE	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	11402232	11402532	11402832
white struc	11402209	11402509	11402809

! 3500K ON REQUEST

! LUMEN OUTPUT (FOR 3000K - MEDIUM) - 2044lm



# SLD75

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## A new era in linear lighting

A LED dedicated version of our famous SL75 lighting cove, SLD75 is a completely customizable solution, guaranteeing the perfect size for your setting. With a low UGR, the LED module, combined with different lenses – prismatic polycarbonate diffuser or PMMA diffuser –, brings you the ideal solution for office lighting. SLD75 fitted with standard poly lenses is perfect for general lighting and even comes as standard with pre-set dimming to provide the right amount of light in the right place.



#### OFFICE COMPLIANT

The SLD75 family includes standard high output, pre-set dimming and office-compliant solutions with specific prismatic or PMMA lenses. To top it off, our R&D department spared no effort to design SLD75 with ease-of-installation in mind.

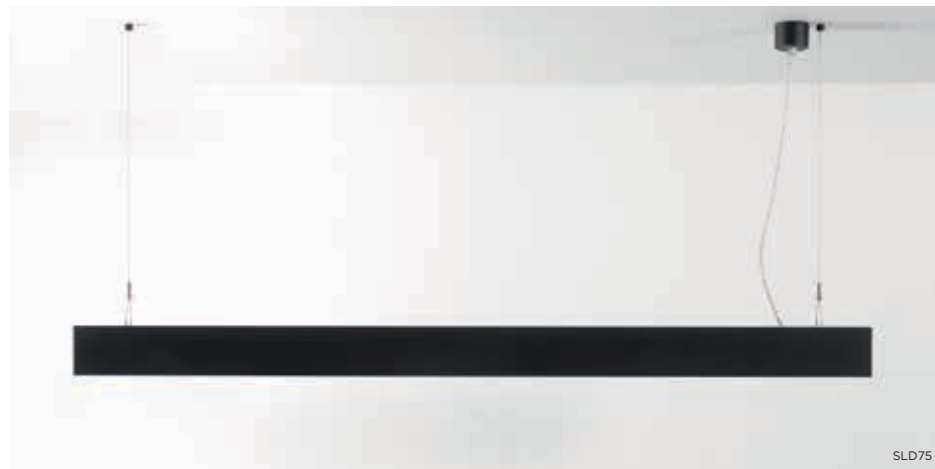
SLD75  
OFFICE, LAUWE (BE)

## SLD75



## MANAGE YOUR LIFETIME LUMEN - CLO

The Constant Light Output (CLO) function offsets the loss of luminous flux over the lamp's lifetime, ensuring that the LED luminaire will always deliver the initial light level. In view of lumen depreciation, the engine is programmed to start at a dimmed level ( $\pm 80\%$ ) for a new luminaire and gradually increases current over the life of the light source. CLO results in considerable energy savings and a longer lifetime of the system.



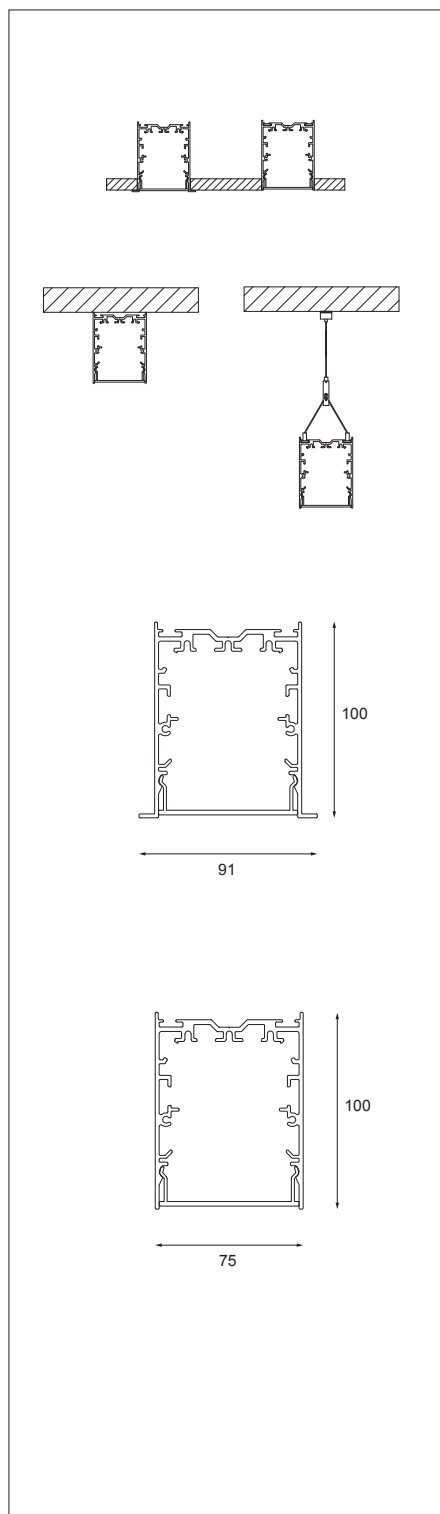
SLD75



SLD75

# SLD75

LINEAR CUSTOM MADE



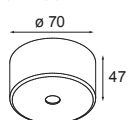
LINEAR CUSTOM MADE | COMPONENTS

<b>Profile variation &gt;</b>	profile /m  93550007 wh 93550009 bl 93550032 tr 93550007 + 93550109	profile flange /m  93552004 wh 93552009 bl 93552032 tr 93552004 + 93552108	poly/m  93550115	PMMA/m  93550116
	prismatic poly clear/m  93550118	cover alu/m  93550205 wh 93550209 bl 93550232 tr 93550205 + 93550210	<b>Connections &gt;</b>	connection 180°  93550050
<b>Endplates &gt;</b>	endplate incl. inner flange  93550181 wh 93550982 bl 93550881 tr 93550181 + 93550188	endplate excl. inner flange  93550183 wh 93550983 bl 93550883 tr 93550183 + 93550188		flange endplate incl. inner flange  93552182 wh 93552982 bl 93552881 tr 93552182 + 93550188
	<b>Fixation/ Mounting &gt;</b>	twin suspension 4m  93550145 wh 93550945 bl 93550845	hinge  93001005 wh 93001009 bl 93001032	recessed bracket  93550999
hole for power supply (3-5p)  93550100		<b>Electrical supply &gt;</b>	power feed kit 2m (transparent cable) / 3x 1.5mm² alu  93002003 wh 93002903 bl 93003203 tr 93002003 + 93002053	power feed kit 2m (transparent cable) / 5x 1.5mm² alu  93002005 wh 93002905 bl 93003205 tr 93002005 + 93002053



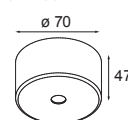
LINEAR CUSTOM MADE | COMPONENTS

connection box for transparent cable / 3x 1.5mm<sup>2</sup> alu



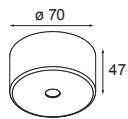
93002151  
wh 93002951  
bl 93003151  
w 93002151 + 93002053

connection box for transparent cable / 5x 1.5mm<sup>2</sup> alu




93002251  
wh 93003951  
bl 93003251  
w 93002251 + 93002053

connection box for transparent cable / 6x 0.75mm<sup>2</sup> alu



93003451  
wh 93003551  
bl 93003651  
w 93003451 + 93002053

transparent cable/m



93002152 3x 1.5mm<sup>2</sup>  
93002252 5x 1.5mm<sup>2</sup>  
93003452 6x 0.75mm<sup>2</sup>

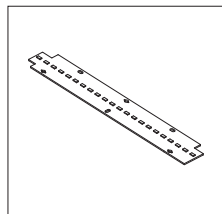
LINEAR CUSTOM MADE | LIGHTING UNITS (DOWNLIGHTING)

SLD75 Fortimo LED Line 3850lm/m GI

ECO LED



	WARM WHITE 3000K / CR180+			NEUTRAL WHITE 4000K / CR180+			mod
	non-dim	1-10V	Dali/ Pushdim	non-dim	1-10V	Dali/ Pushdim	
2x	93554002	96554002	98554002	93554102	96554102	98554102	560
3x	93554003	96554003	98554003	93554103	96554103	98554103	840
4x	93554004	96554004	98554004	93554104	96554104	98554104	1120
5x	93554005	96554005	98554005	93554105	96554105	98554105	1400
6x	93554006	96554006	98554006	93554106	96554106	98554106	1680
7x	93554007	96554007	98554007	93554107	96554107	98554107	1960
8x	93554008	96554008	98554008	93554108	96554108	98554108	2240



! GEAR INCLUDED  
! ! FORTIMO LED LINE = 6.9W  
! OUTPUT (FOR 3000K)

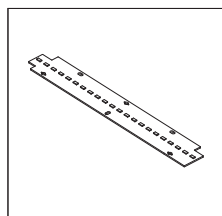
	lm/m	W/m	lm/W	UGR
POLY	1667	29	57	23
PMMA	2343	29	81	22
PRISMATIC	2105	29	73	17

SLD75 Fortimo LED Line 2900lm/m GI

ECO LED



	WARM WHITE 3000K / CR180+			NEUTRAL WHITE 4000K / CR180+			mod
	non-dim	1-10V	Dali/ Pushdim	non-dim	1-10V	Dali/ Pushdim	
2x	93556502	96556502	98556502	93556602	96556602	98556602	560
3x	93556503	96556503	98556503	93556603	96556603	98556603	840
4x	93556504	96556504	98556504	93556604	96556604	98556604	1120
5x	93556505	96556505	98556505	93556605	96556605	98556605	1400
6x	93556506	96556506	98556506	93556606	96556606	98556606	1680
7x	93556507	96556507	98556507	93556607	96556607	98556607	1960
8x	93556508	96556508	98556508	93556608	96556608	98556608	2240



! GEAR INCLUDED  
! ! FORTIMO LED LINE = 5.2W  
! OUTPUT (FOR 3000K)

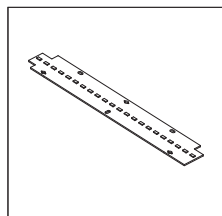
	lm/m	W/m	lm/W	UGR
POLY	1251	25	50	22
PMMA	1757	25	70	22
PRISMATIC	1579	25	63	16

SLD75 Fortimo LED Line 1925lm/m GI

ECO LED



	WARM WHITE 3000K / CR180+			NEUTRAL WHITE 4000K / CR180+			mod
	non-dim	1-10V	Dali/ Pushdim	non-dim	1-10V	Dali/ Pushdim	
3x	93558503	96558503	98558503	93558603	96558603	98558603	840
4x	93558504	96558504	98558504	93558604	96558604	98558604	1120
5x	93558505	96558505	98558505	93558605	96558605	98558605	1400
6x	93558506	96558506	98558506	93558606	96558606	98558606	1680
7x	93558507	96558507	98558507	93558607	96558607	98558607	1960
8x	93558508	96558508	98558508	93558608	96558608	98558608	2240



! GEAR INCLUDED  
! ! FORTIMO LED LINE = 3.5W  
! OUTPUT (FOR 3000K)

	lm/m	W/m	lm/W	UGR
POLY	834	17	49	21
PMMA	1172	17	69	21
PRISMATIC	1053	17	62	15

LINEAR CUSTOM MADE | EXTRA

SUPPLEMENTS

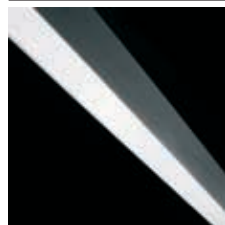
93000101	ral setup charge (except white struc and black struc)
93552000	suppl. extra circuit /m
93551011	emergency pack 3h

## SLD75

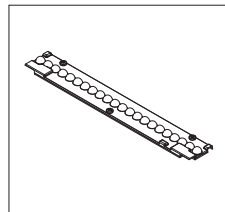
LINEAR CUSTOM MADE | LIGHTING UNITS (DOWNLIGHTING)

### SLD75 Fortimo LED Line 3850lm/m GI + LENS 50°

ECO LED



	WARM WHITE 3000K / CRI80+			NEUTRAL WHITE 4000K / CRI80+			mod
	non-dim	1-10V	Dali/ Pushdim	non-dim	1-10V	Dali/ Pushdim	
2x	93555002	96555002	98555002	93555102	96555102	98555102	560
3x	93555003	96555003	98555003	93555103	96555103	98555103	840
4x	93555004	96555004	98555004	93555104	96555104	98555104	1120
5x	93555005	96555005	98555005	93555105	96555105	98555105	1400
6x	93555006	96555006	98555006	93555106	96555106	98555106	1680
7x	93555007	96555007	98555007	93555107	96555107	98555107	1960
8x	93555008	96555008	98555008	93555108	96555108	98555108	2240



! GEAR INCLUDED  
! 1 FORTIMO LED LINE = 6.9W  
! COMBINE WITH A PRISMATIC POLY CLEAR TO CREATE AN OFFICE COMPLIANT SOLUTION  
! OUTPUT (FOR 3000K)

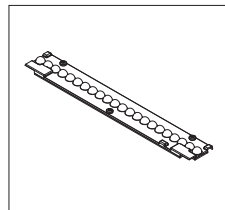
	lm/m	W/m	lm/W	UGR
LENS 25° POLY	2174	29	75	24
LENS 25° PMMA	3147	29	109	20
LENS 25° PRISMATIC	2951	29	102	14

### SLD75 Fortimo LED Line 3850lm/m GI + LENS 80°

ECO LED



	WARM WHITE 3000K / CRI80+			NEUTRAL WHITE 4000K / CRI80+			mod
	non-dim	1-10V	Dali/ Pushdim	non-dim	1-10V	Dali/ Pushdim	
2x	93556002	96556002	98556002	93556102	96556102	98556102	560
3x	93556003	96556003	98556003	93556103	96556103	98556103	840
4x	93556004	96556004	98556004	93556104	96556104	98556104	1120
5x	93556005	96556005	98556005	93556105	96556105	98556105	1400
6x	93556006	96556006	98556006	93556106	96556106	98556106	1680
7x	93556007	96556007	98556007	93556107	96556107	98556107	1960
8x	93556008	96556008	98556008	93556108	96556108	98556108	2240



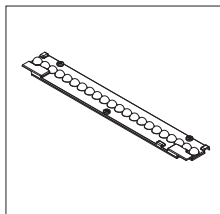
! GEAR INCLUDED  
! 1 FORTIMO LED LINE = 6.9W  
! COMBINE WITH A PRISMATIC POLY CLEAR TO CREATE AN OFFICE COMPLIANT SOLUTION  
! OUTPUT (FOR 3000K)

	lm/m	W/m	lm/W	UGR
LENS 40° POLY	1975	29	68	23
LENS 40° PMMA	2808	29	97	22
LENS 40° PRISMATIC	2577	29	89	17

LINEAR CUSTOM MADE | LIGHTING UNITS (DOWNLIGHTING)

SLD75 office compliant Fortimo LED Line GI + LENS 50°

ECO LED

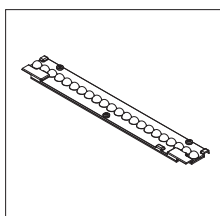


	WARM WHITE 3000K / CRI80+			NEUTRAL WHITE 4000K / CRI80+			mod
	non-dim	1-10V	Dali/ Pushdim	non-dim	1-10V	Dali/ Pushdim	
4x	93558004	96558004	98558004	93558104	96558104	98558104	1120
5x	93558005	96558005	98558005	93558105	96558105	98558105	1400
6x	93558006	96558006	98558006	93558106	96558106	98558106	1680
7x	93558007	96558007	98558007	93558107	96558107	98558107	1960
8x	93558008	96558008	98558008	93558108	96558108	98558108	2240

! GEAR INCLUDED  
 ! COMBINE WITH PMMA TO CREATE AN OFFICE COMPLIANT SOLUTION  
 ! OUTPUT (FOR 3000K) lm/m W/m lm/W UGR  
 OFFICE COMPLIANT + LENS 25° PMMA 1575 17 93 18

SLD75 office compliant Fortimo LED Line GI + LENS 80°

ECO LED



	WARM WHITE 3000K / CRI80+			NEUTRAL WHITE 4000K / CRI80+			mod
	non-dim	1-10V	Dali/ Pushdim	non-dim	1-10V	Dali/ Pushdim	
4x	93559004	96559004	98559004	93559104	96559104	98559104	1120
5x	93559005	96559005	98559005	93559105	96559105	98559105	1400
6x	93559006	96559006	98559006	93559106	96559106	98559106	1680
7x	93559007	96559007	98559007	93559107	96559107	98559107	1960
8x	93559008	96559008	98559008	93559108	96559108	98559108	2240

! GEAR INCLUDED  
 ! COMBINE WITH PMMA TO CREATE AN OFFICE COMPLIANT SOLUTION  
 ! OUTPUT (FOR 3000K) lm/m W/m lm/W UGR  
 OFFICE COMPLIANT + LENS 40° PMMA 1034 17 86 18

LINEAR CUSTOM MADE | EXTRA

SUPPLEMENTS

93000101	ral setup charge (except white struc and black struc)
93552000	suppl. extra circuit /m
93551011	emergency pack 3h

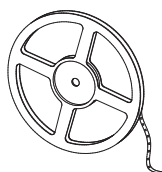
LED GEAR FOR LED-STRIP

93009520	LED gear for LED-strip 24V 60W
96009520	LED gear for LED-strip 24V 60W 1-10V
93009542	LED gear for LED-strip 24V 100W
98009542	LED gear for LED-strip 24V 100W Dali

LINEAR CUSTOM MADE | LIGHTING UNITS (UPLIGHTING)

SLD75 LED-strip 24V GE

ECO LED



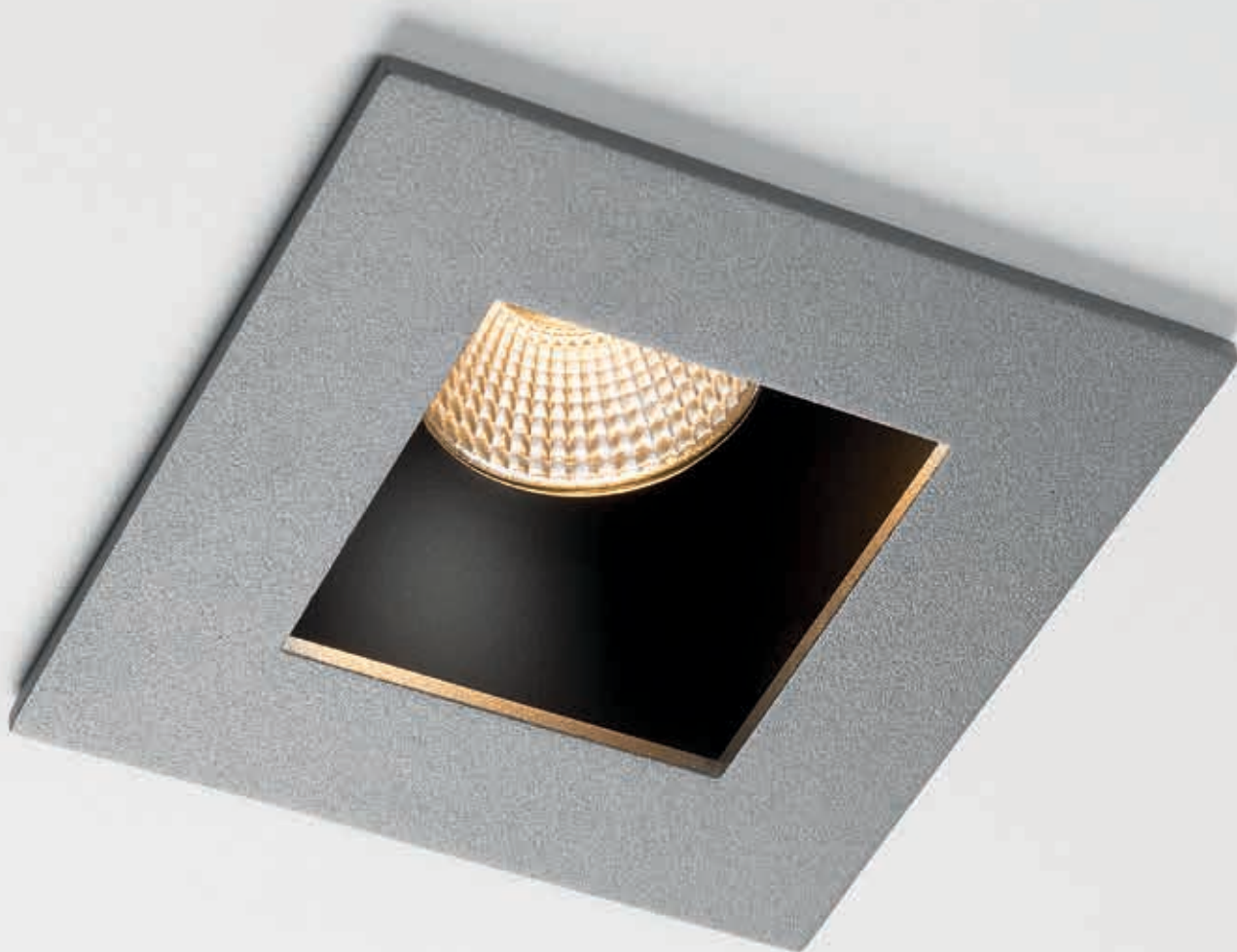
	WARM WHITE 2700K - CRI85 1200lm/m - 12W/m	WARM WHITE 3000K - CRI80 1000lm/m - 14W/m	NEUTRAL WHITE 4000K - CRI85 1200lm/m - 12W/m
mounted/m	93000503	93000501	93551534
24V connection	93551532	93000502	93551532

! ORDER LED-STRIP DRIVER SEPARATELY



# SLIDE

---



## Gliding light beam

Slide is one of the Modular icons. Its name refers to the light gliding out from the luminaire, channelled by the stunning inner body, and creating a softer and smooth lighting experience. Slide owes its popularity to its deeply embedded light source. It is available in the Modular donkey grey structure with black inner body or in an entirely white structure version.



### HIGH OUTPUT AND IP54

Slide is equipped with a high performance dedicated LED, a Modular designed reflector, and finished off with transparent glass. The light is easy to install on any surface thanks to the asymmetrical leaf springs. With an IP54 rating, it is perfectly suited for bathrooms or sheltered outdoor areas.

SLIDE IP54 WHITE STRUCTURE  
FIDUCIAIRE B&S, ROESELARE (BE)

## Slide



**ACCESSORIES**

**ELECTRICAL - DRIVERS**

SEE GOODIES SECTION

**INSTALLATION - CONBOX**

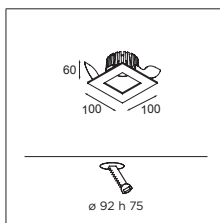
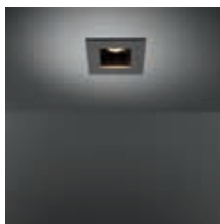
10889830 CONBOX 190X192X130X256

**INSTALLATION - GYPKIT**

12290330 GYPKIT 190X190 - Ø92

ECO LED GE

**Slide IP54 LED GE**



1X LED ARRAY INCL. 9.2W

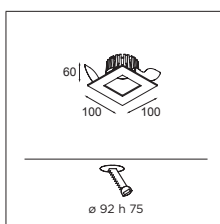
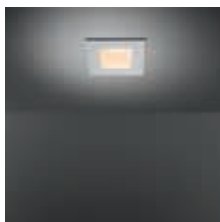
Icons: Dimmable, 500mA, IP54, GWT 960°, 0.30KG, Up arrow

	WARM WHITE 2700K / CR190+ MEDIUM 25°	WARM WHITE 3000K / CR190+ MEDIUM 25°
donkey grey struc - black	10486174	10486374
white struc - white	10486109	10486309

! LUMEN OUTPUT (FOR 3000K - WHITE STRUC)  
350mA 45lm  
500mA 607lm  
! 3500K AND 4000K ON REQUEST

ECO LED RG

**Slide IP54 LED RG**

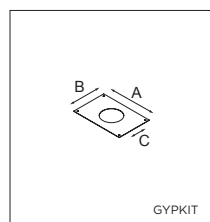
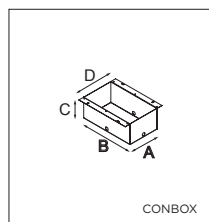


1X LED ARRAY INCL. 9.2W

Icons: Square, 230V, R.C, IP54, GWT 960°, 0.40KG, Up arrow

	WARM WHITE 2700K / CR190+ MEDIUM 25°	WARM WHITE 3000K / CR190+ MEDIUM 25°
TRAILING EDGE DIMMABLE		
donkey grey struc - black	10486574	10486774
white struc - white	10486509	10486709

! LUMEN OUTPUT (FOR 3000K - WHITE STRUC)  
350mA 45lm  
500mA 607lm  
! 3500K AND 4000K ON REQUEST





# SMART

---

## More sophisticated than ever

In 2012, Modular launched the Smart family, an intelligent family with sophisticated technology packaged in a Modular design, its greatest asset no doubt. The shallow recess depth and wide range of accessories really make Smart hit the mark.

Modular has now expanded this family to include even more options: more targeted spotlights, more sizes, adjustability, new surface-mounting options and IP versions for bathrooms.

SMART LOTIS 160





SMART KUP 82



SMART CAKE 82



SMART LOTIS 115

### THREE LOOKS

Smart is available in Modular's three most popular designs: Smart lotis, Smart kup and Smart cake. While Smart lotis resembles the popular Lotis series, characterised by the flat edge and conical bowl, the bowl of Smart kup ends in a fine trim. As for Smart cake, inspired by Modular's Cake fixtures, it has gently sloping sides that ensure a soft distribution of light. The spotlights are all available with a white or black structure, as well as in gold.

## Smart



### FOUR DIAMETERS

—  
The Smart family is growing year after year, welcoming luminaires with new features and in new sizes. Today, Smart comes in diameters of 48, 82, 115 and 160, to meet the most diverse lighting needs.

Smart



SMART KUP 160

## Smart

### WARM DIM

Want to dim your Smart spotlights to create mood lighting or foster a sense of intimacy? Be ready to get even cosier with Smart, as the colour temperature of your spotlight will change when dimmed: light colour shifts from 3000K at maximum light output to 2000K at the lowest light output. This feature is available in our Smart 82 and Smart 115 adjustable products.





SMART LOTIS 115 ADJUSTABLE



SMART CAKE 115 ADJUSTABLE

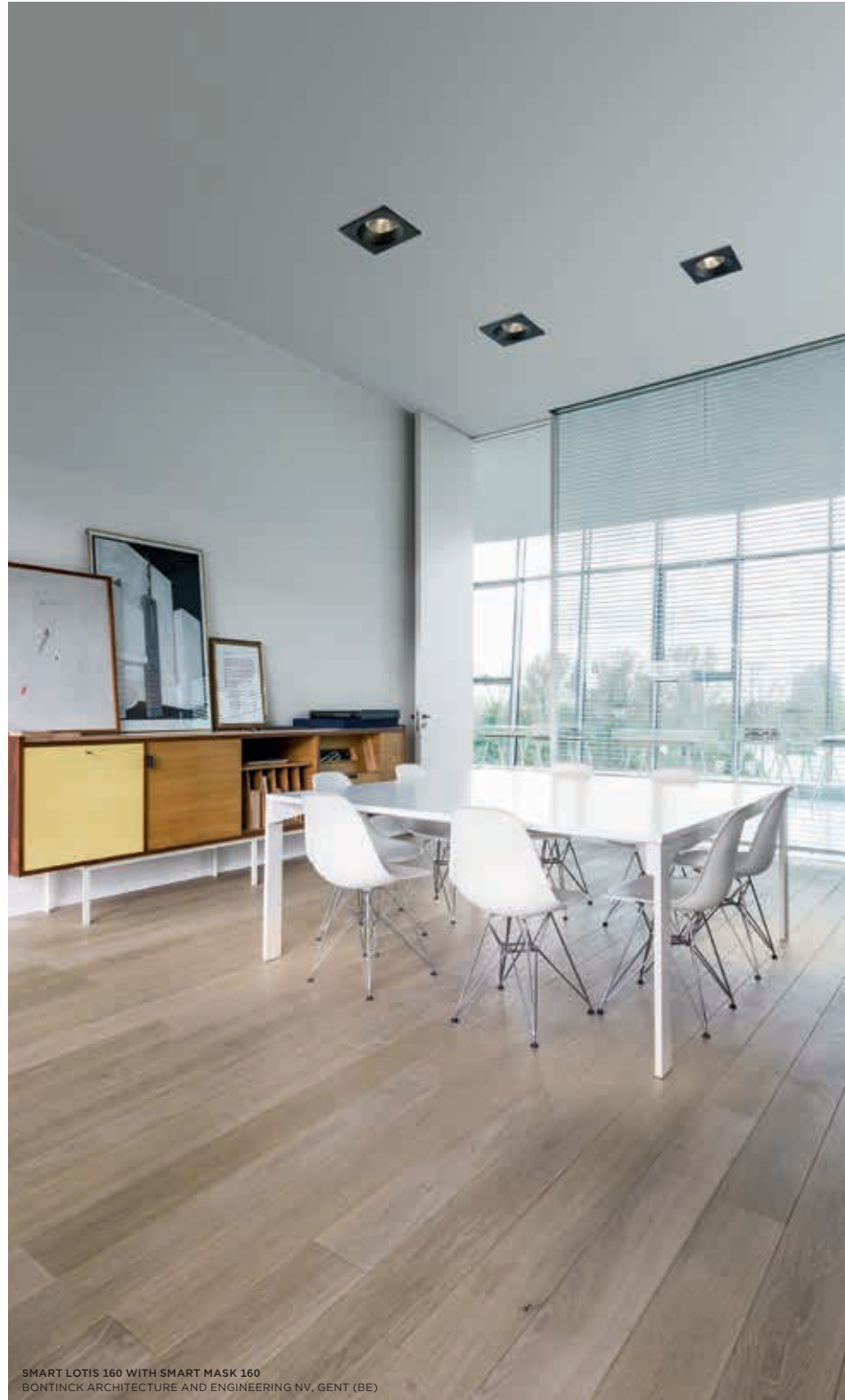
#### HIGHLY ADJUSTABLE

For the Smart 115, we have developed an adjustable spotlight with a typical Modular detail. The fixture tilts asymmetrically, ensuring that you do not see any wiring but only the highly attractive edge of the bulb holder. A sophisticated 30° tilt creates a subtle lighting effect.

## Smart

### SMART ACCESSORIES

The Smart spotlights can be combined with various accessories to offer the perfect solution for any interior.



**SMART MASK**  
(with one or two lamps)

While the Smart spotlights are round, the Smart mask allows you to easily add rectangular or square accents. Consisting of a square or rectangle with one or two circular recesses for the spotlights, the Smart mask is available for spotlights in a diameter of 82, 115 and 160. They come in black, white or gold.



SMART KUP 160 IP54  
SMART MASK 160



SMART KUP 115 ADJUSTABLE  
SMART MASK 115

## Smart





### SMART SURFACE BOX (with one or two lamps)

—  
If you cannot recess spotlights into the ceiling but would love 'to go Smart', use the Smart surface box – a square or rectangular box mounted on the ceiling that houses one or two spotlights. To accommodate the larger Smart 115 directional spotlights, we also offer a larger Smart surface box.



## Smart



### SMART SURFACE TUBED

You'd rather install a cylindrical than a square or rectangular surface box? The Smart surface tubed is available in a small (86 mm), large (130 mm) and x-large (190 mm) version. What's more, the large and x-large models also come in suspended versions. Combine the sizes and models to make playful creations on the ceiling.



SMART CAKE 115  
SMART SURFACE TUBED SUSPENDED 115



SMART LOTIS 115  
SMART SURFACE TUBED 115

## Smart cake 48



## Smart cake 48

### ACCESSORIES

#### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

#### INSTALLATION - CONBOX

10889530 CONBOX 100X123X80X187

#### INSTALLATION - GYPKIT

12290730 GYPKIT 100X120 - Ø45

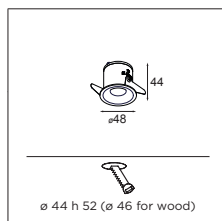
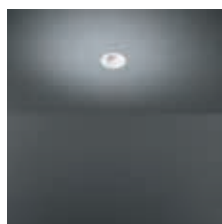
#### SURFACE TUBED

12900009 SURFACE TUBED 48 GE FOR 1X LED WHITE STRUC

12900032 SURFACE TUBED 48 GE FOR 1X LED BLACK STRUC

ECO LED GE

#### Smart cake 48 LED GE



1X HIGH POWER LED INCL. 1.5W

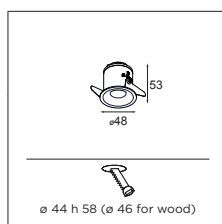
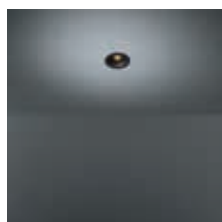


	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+	NEUTRAL WHITE 4000K / CRI90+
	MEDIUM 25°	MEDIUM 25°	MEDIUM 25°
black struc	12870132	12870032	12870232
white struc	12870109	12870009	12870209

! 3500K ON REQUEST  
! CAN BE COMBINED WITH SMART SURFACE TUBED  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 74lm  
500mA 105lm

ECO LED GE

#### Smart cake 48 IP54 LED GE



1X HIGH POWER LED INCL. 1.5W



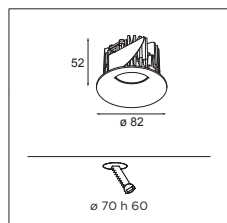
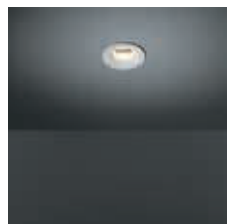
	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+	NEUTRAL WHITE 4000K / CRI90+
	MEDIUM 25°	MEDIUM 25°	MEDIUM 25°
black struc	12871132	12871032	12871232
white struc	12871109	12871009	12871209

! 3500K ON REQUEST  
! CAN BE COMBINED WITH SMART SURFACE TUBED  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 70lm  
500mA 98lm

## Smart cake 82

ECO LED GE

### Smart cake 82 LED GE



1X LED ARRAY INCL. 9.2W



	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12411632	12411032	12411232
gold	12411646	12411046	12411246
white struc	12411609	12411009	12411209

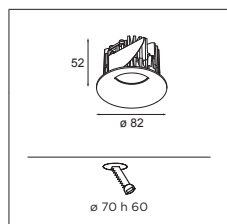
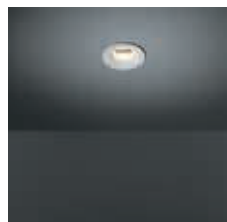
	WARM WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12411732	12411432	12411532
gold	12411746	12411446	12411546
white struc	12411709	12411409	12411509

	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12411832	12411132	12411332
gold	12411846	12411146	12411346
white struc	12411809	12411109	12411309

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 482lm  
500mA 657lm

ECO LED GE

### Smart cake 82 LED warm dim GE



1X LED ARRAY INCL. 12W



	WARM WHITE 2000K - 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12413032	12413132	12413232
gold	12413046	12413146	12413246
white struc	12413009	12413109	12413209

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE) GE  
! FOR CORRECT DRIVER SEE PAGE 252, 254 & 255

## ACCESSORIES

### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

### INSTALLATION - CONBOX

10889830 CONBOX 190x192x130x256

### INSTALLATION - GYPKIT

1X

12290130 GYPKIT 190X190 - Ø70

2X

12291030 GYPKIT 190X190 - 2x Ø70

### INSTALLATION - RECESSED RING

12500230 RECESSED RING Ø70 H 100

### MASK

#### MASK 82 - 1X

12500009 MASK 82 - 1X WHITE STRUC

12500032 MASK 82 - 1X BLACK STRUC

12500046 MASK 82 - 1X GOLD

#### MASK 82 - 2X

12500109 MASK 82 - 2X WHITE STRUC

12500132 MASK 82 - 2X BLACK STRUC

12500146 MASK 82 - 2X GOLD

### SURFACE BOX

**SURFACE BOX 82 - 1X GI**  
! DO NOT FORGET TO ORDER MASK

12514009 SURFACE BOX 82 1X GI WHITE STRUC

12514032 SURFACE BOX 82 1X GI BLACK STRUC

12514109 SURFACE BOX 82 1X GI 1-10V/PUSHDIM WHITE STRUC

12514132 SURFACE BOX 82 1X GI 1-10V/PUSHDIM BLACK STRUC

**SURFACE BOX 82 - 2X GI**  
! DO NOT FORGET TO ORDER MASK

12515009 SURFACE BOX 82 2X GI WHITE STRUC

12515032 SURFACE BOX 82 2X GI BLACK STRUC

12515109 SURFACE BOX 82 2X GI 1-10V/PUSHDIM WHITE STRUC

12515132 SURFACE BOX 82 2X GI 1-10V/PUSHDIM BLACK STRUC

**SURFACE BOX 82 - 1X GE**  
! DO NOT FORGET TO ORDER MASK

12516009 SURFACE BOX 82 1X GE WHITE STRUC

12516032 SURFACE BOX 82 1X GE BLACK STRUC

**SURFACE BOX 82 - 2X GE**  
! DO NOT FORGET TO ORDER MASK

12516109 SURFACE BOX 82 2X GE WHITE STRUC

12516132 SURFACE BOX 82 2X GE BLACK STRUC

## Smart cake 82

### SURFACE TUBED

#### SURFACE TUBED 82 SMALL - GE

12841009	SURFACE TUBED 82 SMALL GE WHITE STRUC
12841032	SURFACE TUBED 82 SMALL GE BLACK STRUC
12841024	SURFACE TUBED 82 SMALL GE BRUSHED ALU

#### SURFACE TUBED 82 LARGE - GE

12845009	SURFACE TUBED 82 LARGE GE WHITE STRUC
12845032	SURFACE TUBED 82 LARGE GE BLACK STRUC
12845024	SURFACE TUBED 82 LARGE GE BRUSHED ALU

#### SURFACE TUBED 82 LARGE - GI

12844009	SURFACE TUBED 82 LARGE GI WHITE STRUC
12844032	SURFACE TUBED 82 LARGE GI BLACK STRUC
12844024	SURFACE TUBED 82 LARGE GI BRUSHED ALU

#### SURFACE TUBED 82 XL - GI

12843109	SURFACE TUBED 82 XL 1-10V/PUSHDIM GI WHITE STRUC
12843132	SURFACE TUBED 82 XL 1-10V/PUSHDIM GI BLACK STRUC
12843124	SURFACE TUBED 82 XL 1-10V/PUSHDIM GI BRUSHED ALU
12843209	SURFACE TUBED 82 XL DALI GI WHITE STRUC
12843232	SURFACE TUBED 82 XL DALI GI BLACK STRUC
12843224	SURFACE TUBED 82 XL DALI GI BRUSHED ALU
12843009	SURFACE TUBED 82 XL TRE DIM GI WHITE STRUC
12843032	SURFACE TUBED 82 XL TRE DIM GI BLACK STRUC
12843024	SURFACE TUBED 82 XL TRE DIM GI BRUSHED ALU

#### SURFACE TUBED SUSPENSION 82 LARGE - GI

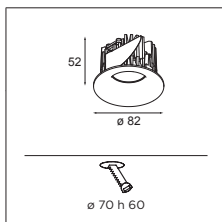
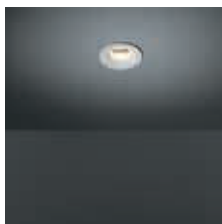
12842009	SURFACE TUBED SUSPENSION 82 LARGE GI WHITE STRUC
12842032	SURFACE TUBED SUSPENSION 82 LARGE GI BLACK STRUC
12842024	SURFACE TUBED SUSPENSION 82 LARGE GI BRUSHED ALU

#### SURFACE TUBED SUSPENSION 82 XL - GI

12842309	SURF. TUBED SUSP. 82 XL 1-10V/PUSHDIM GI WHITE STRUC
12842332	SURF. TUBED SUSP. 82 XL 1-10V/PUSHDIM GI BLACK STRUC
12842324	SURF. TUBED SUSP. 82 XL 1-10V/PUSHDIM GI BRUSHED ALU
12842409	SURF. TUBED SUSP. 82 XL DALI GI WHITE STRUC
12842432	SURF. TUBED SUSP. 82 XL DALI GI BLACK STRUC
12842424	SURF. TUBED SUSP. 82 XL DALI GI BRUSHED ALU
12842209	SURF. TUBED SUSP. 82 XL TRE DIM GI WHITE STRUC
12842232	SURF. TUBED SUSP. 82 XL TRE DIM GI BLACK STRUC
12842224	SURF. TUBED SUSP. 82 XL TRE DIM GI BRUSHED ALU

ECO LED GE

### Smart cake 82 IP54 LED GE



1X LED ARRAY INCL. 9.2W



	WARM WHITE 2700K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12412632	12412032	12412132
gold	12412646	12412046	12412146
white struc	12412609	12412009	12412109

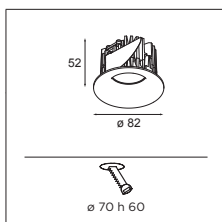
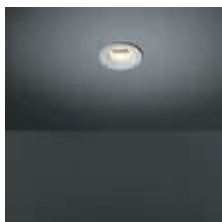
	WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12412732	12412332	12412432
gold	12412746	12412346	12412446
white struc	12412709	12412309	12412409

	NEUTRAL WHITE 4000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12412832	12412532	12412232
gold	12412846	12412546	12412246
white struc	12412809	12412509	12412209

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 457lm  
500mA 623lm

ECO LED GE

### Smart cake 82 IP54 LED warm dim GE



1X LED ARRAY INCL. 12W



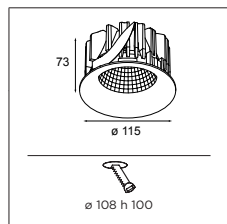
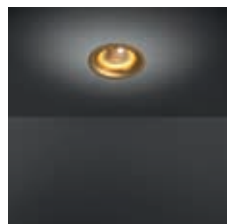
	WARM WHITE 2000K - 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12414032	12414132	12414232
gold	12414046	12414146	12414246
white struc	12414009	12414109	12414209

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE) GE  
! FOR CORRECT DRIVER SEE PAGE 252, 254 & 255

## Smart cake 115

ECO LED GE

### Smart cake 115 LED GE



1X LED ARRAY INCL. 16.25W



	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12741232	12741032	12741332
gold	12741246	12741046	12741346
white struc	12741209	12741009	12741309

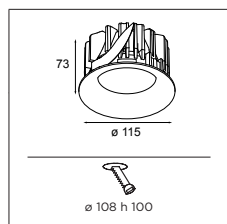
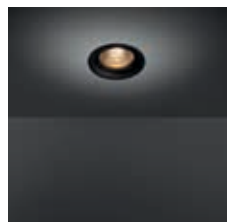
	WARM WHITE 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12741432	12741532	12741632
gold	12741446	12741546	12741646
white struc	12741409	12741509	12741609

	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12741732	12741132	12741832
gold	12741746	12741146	12741846
white struc	12741709	12741109	12741809

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX AND SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 1000lm  
500mA 1372lm  
700mA 1825lm  
900mA 2152lm

ECO LED GE

### Smart cake 115 IP54 LED GE



1X LED ARRAY INCL. 16.25W



	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12742232	12742032	12742332
gold	12742246	12742046	12742346
white struc	12742209	12742009	12742309

	WARM WHITE 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12742432	12742532	12742632
gold	12742446	12742546	12742646
white struc	12742409	12742509	12742609

	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12742732	12742132	12742832
gold	12742746	12742146	12742846
white struc	12742709	12742109	12742809

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 965lm  
500mA 1323lm  
700mA 1760lm  
900mA 2076lm

## ACCESSORIES

### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

### INSTALLATION - CONBOX

10889830 CONBOX 190x192x130x256

### INSTALLATION - GYPKIT

12290530 GYPKIT 190X190 - Ø180

### INSTALLATION - RECESSED RING

12810230 RECESSED RING Ø127 H 100

### MASK

#### MASK 115 - 1X

12810009 MASK 115 - 1X WHITE STRUC  
12810032 MASK 115 - 1X BLACK STRUC  
12810046 MASK 115 - 1X GOLD

#### MASK 115 - 2X

12810109 MASK 115 - 2X WHITE STRUC  
12810132 MASK 115 - 2X BLACK STRUC  
12810146 MASK 115 - 2X GOLD

### SURFACE BOX

SURFACE BOX 115 - 1X GI  
! DO NOT FORGET TO ORDER MASK

12800009 SURFACE BOX 115 - 1X GI WHITE STRUC  
12800032 SURFACE BOX 115 - 1X GI BLACK STRUC  
12800109 SURFACE BOX 115 - 1X GI 1-10V/PUSHDIM WHITE STRUC  
12800132 SURFACE BOX 115 - 1X GI 1-10V/PUSHDIM BLACK STRUC  
12800209 SURFACE BOX 115 - 1X GI DALI/PUSHDIM WHITE STRUC  
12800232 SURFACE BOX 115 - 1X GI DALI/PUSHDIM BLACK STRUC

SURFACE BOX 115 - 2X GI  
! DO NOT FORGET TO ORDER MASK

12801009 SURFACE BOX 115 - 2X GI WHITE STRUC  
12801032 SURFACE BOX 115 - 2X GI BLACK STRUC  
12801109 SURFACE BOX 115 - 2X GI 1-10V/PUSHDIM WHITE STRUC  
12801132 SURFACE BOX 115 - 2X GI 1-10V/PUSHDIM BLACK STRUC  
12801209 SURFACE BOX 115 - 2X GI DALI/PUSHDIM WHITE STRUC  
12801232 SURFACE BOX 115 - 2X GI DALI/PUSHDIM BLACK STRUC

SURFACE BOX 115 - 1X GE  
! DO NOT FORGET TO ORDER MASK

12802009 SURFACE BOX 115 - 1X GE WHITE STRUC  
12802032 SURFACE BOX 115 - 1X GE BLACK STRUC

SURFACE BOX 115 - 2X GE  
! DO NOT FORGET TO ORDER MASK

12802109 SURFACE BOX 115 - 2X GE WHITE STRUC  
12802132 SURFACE BOX 115 - 2X GE BLACK STRUC



## Smart cake 115

### SURFACE TUBED

#### SURFACE TUBED 115 - GI

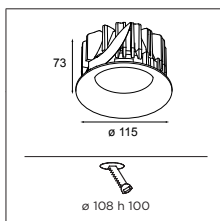
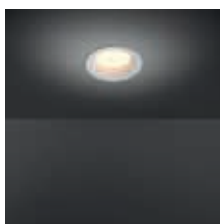
13140209	SURFACE TUBED 115 1-10V/PUSHDIM GI WHITE STRUC
13140232	SURFACE TUBED 115 1-10V/PUSHDIM GI BLACK STRUC
13140224	SURFACE TUBED 115 1-10V/PUSHDIM GI BRUSHED ALU
13140309	SURFACE TUBED 115 DALI GI WHITE STRUC
13140332	SURFACE TUBED 115 DALI GI BLACK STRUC
13140324	SURFACE TUBED 115 DALI GI BRUSHED ALU
13140109	SURFACE TUBED 115 TRE DIM GI WHITE STRUC
13140132	SURFACE TUBED 115 TRE DIM GI BLACK STRUC
13140124	SURFACE TUBED 115 TRE DIM GI BRUSHED ALU

#### SURFACE TUBED SUSPENSION 115 - GI

13141209	SURF. TUBED SUSP. 115 1-10V/PUSHDIM GI WHITE STRUC
13141232	SURF. TUBED SUSP. 115 1-10V/PUSHDIM GI BLACK STRUC
13141224	SURF. TUBED SUSP. 115 1-10V/PUSHDIM GI BRUSHED ALU
13141309	SURF. TUBED SUSP. 115 DALI GI WHITE STRUC
13141332	SURF. TUBED SUSP. 115 DALI GI BLACK STRUC
13141324	SURF. TUBED SUSP. 115 DALI GI BRUSHED ALU
13141109	SURF. TUBED SUSP. 115 TRE DIM GI WHITE STRUC
13141132	SURF. TUBED SUSP. 115 TRE DIM GI BLACK STRUC
13141124	SURF. TUBED SUSP. 115 TRE DIM GI BRUSHED ALU

ECO LED GE

### Smart cake 115 diffuse IP54 LED GE



1X LED ARRAY INCL. 16.25W

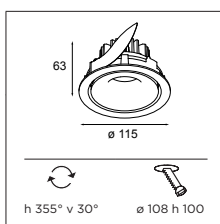
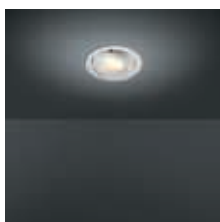


	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+	NEUTRAL WHITE 4000K / CRI90+
	WIDE FLOOD 85°	WIDE FLOOD 85°	WIDE FLOOD 85°
black struc	12743032	12743532	12743132
gold	12743046	12743546	12743146
white struc	12743009	12743509	12743109

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 682lm  
500mA 934lm  
700mA 1243lm  
900mA 1466lm

ECO LED GE

### Smart cake 115 adjustable LED GE



1X LED ARRAY INCL. 9.2W



	WARM WHITE 2700K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12771232	12771032	12771332
gold	12771246	12771046	12771346
white struc	12771209	12771009	12771309

	WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12771432	12771532	12771632
gold	12771446	12771546	12771646
white struc	12771409	12771509	12771609

	NEUTRAL WHITE 4000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12771732	12771132	12771832
gold	12771746	12771146	12771846
white struc	12771709	12771109	12771809

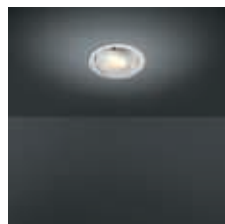
! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE ONLY!)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 639lm  
500mA 895lm

## Smart cake 115

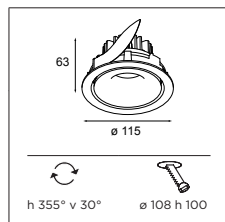
ECO LED GE



Smart cake 115 adjustable LED warm dim GE



	WARM WHITE 2000K - 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12773032	12773132	12773232
gold	12773046	12773146	12773246
white struc	12773009	12773109	12773209



1X LED ARRAY INCL. 12W

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX GE  
! FOR CORRECT DRIVER SEE PAGE 252, 254 & 255

### ACCESSORIES

#### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

#### INSTALLATION - CONBOX

10889830 CONBOX 190x192x130x256

#### INSTALLATION - GYPKIT

12290530 GYPKIT 190X190 - Ø180

#### INSTALLATION - RECESSED RING

12810230 RECESSED RING Ø127 H 100

#### MASK

##### MASK 115 - 1X

12810009 MASK 115 - 1X WHITE STRUC

12810032 MASK 115 - 1X BLACK STRUC

12810046 MASK 115 - 1X GOLD

##### MASK 115 - 2X

12810109 MASK 115 - 2X WHITE STRUC

12810132 MASK 115 - 2X BLACK STRUC

12810146 MASK 115 - 2X GOLD

#### SURFACE BOX

SURFACE BOX 115 - 1X GE  
! DO NOT FORGET TO ORDER MASK

12802009 SURFACE BOX 115 - 1X GE WHITE STRUC

12802032 SURFACE BOX 115 - 1X GE BLACK STRUC

SURFACE BOX 115 - 2X GE  
! DO NOT FORGET TO ORDER MASK

12802109 SURFACE BOX 115 - 2X GE WHITE STRUC

12802132 SURFACE BOX 115 - 2X GE BLACK STRUC

## Smart cake 115



## Smart cake 160



SMART CAKE 160  
BONTINCK ARCHITECTURE AND ENGINEERING NV, GENT (BE)

## Smart cake 160

### ACCESSORIES

#### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

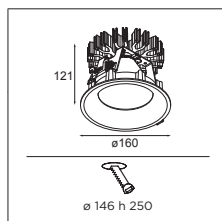
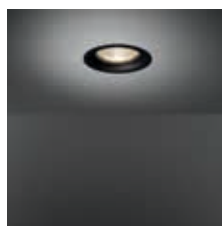
#### MASK

13040009 SMART MASK 160 1X WHITE STRUC

13040032 SMART MASK 160 1X BLACK STRUC

ECO LED GE

#### Smart cake 160 IP54 LED GE



1X LED ARRAY INCL. 31W

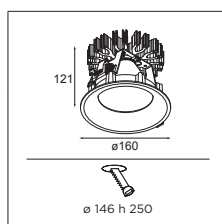
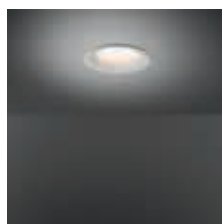


	WARM WHITE 2700K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	13001032	13001332	13001632
white struc	13001009	13001309	13001609
	WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	13001132	13001432	13001732
white struc	13001109	13001409	13001709
	NEUTRAL WHITE 4000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	13001232	13001532	13001832
white struc	13001209	13001509	13001809

! 3500K ON REQUEST  
! CAN BE COMBINED WITH SMART MASK  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
500mA 1482lm  
700mA 1971lm  
900mA 2418lm  
1050mA 2711lm  
1400mA 3364lm  
1600mA 3647lm

ECO LED GE

#### Smart cake 160 diffuse IP54 LED GE



1X LED ARRAY INCL. 31W



	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+	NEUTRAL WHITE 4000K / CRI90+
	WIDE FLOOD 80°	WIDE FLOOD 80°	WIDE FLOOD 80°
black struc	13002032	13002132	13002232
white struc	13002009	13002109	13002209

! 3500K ON REQUEST  
! CAN BE COMBINED WITH SMART MASK  
! LUMEN OUTPUT (FOR 3000K - WHITE STRUC)  
500mA 1232lm  
700mA 1640lm  
900mA 2011lm  
1050mA 2255lm  
1400mA 3033lm  
1600mA 3798lm



SMART CAKE 82  
SMART SURFACED TUBED SUSPENDED 82 XL

## Smart cake



## Smart cake





## Smart cake



## Smart kup 48



SMART KUP 48 WITH SMART SURFACE TUBED 48  
PRIVATE RESIDENCE, WAREGEM (BE)  
PLUSPUNT ARCHITECTUUR

## Smart kup 48

### ACCESSORIES

#### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

#### INSTALLATION - CONBOX

10889530 CONBOX 100X123X80X187

#### INSTALLATION - GYPKIT

12290730 GYPKIT 100X120 - Ø45

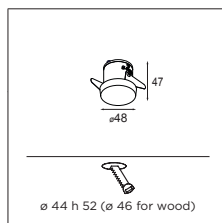
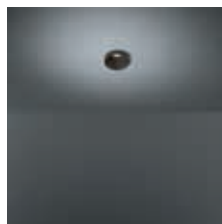
#### SURFACE TUBED

12900009 SURFACE TUBED 48 GE FOR 1X LED WHITE STRUC

12900032 SURFACE TUBED 48 GE FOR 1X LED BLACK STRUC

ECO LED GE

#### Smart kup 48 LED GE



1X HIGH POWER LED INCL. 1.5W

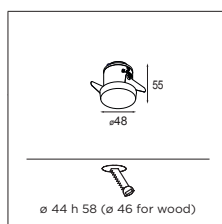
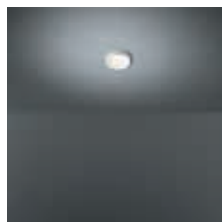


	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+	NEUTRAL WHITE 4000K / CRI90+
	MEDIUM 25°	MEDIUM 25°	MEDIUM 25°
black struc	12880132	12880032	12880232
white struc	12880109	12880009	12880209

! CAN BE COMBINED WITH SMART SURFACE TUBED  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 88lm  
500mA 123lm

ECO LED GE

#### Smart kup 48 IP54 LED GE



1X HIGH POWER LED INCL. 1.5W



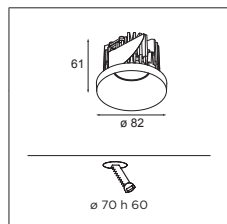
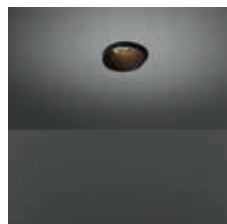
	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+	NEUTRAL WHITE 4000K / CRI90+
	MEDIUM 25°	MEDIUM 25°	MEDIUM 25°
black struc	12881132	12881032	12881232
white struc	12881109	12881009	12881209

! CAN BE COMBINED WITH SMART SURFACE TUBED  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 84lm  
500mA 119lm

## Smart kup 82

ECO LED GE

### Smart kup 82 LED GE



1X LED ARRAY INCL. 9.2W



	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12471632	12471032	12471232
gold	12471646	12471046	12471246
white struc	12471609	12471009	12471209

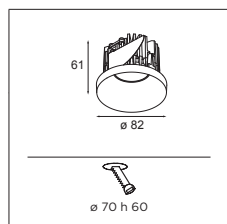
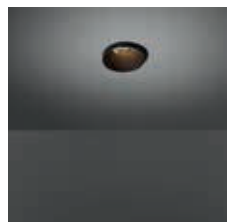
	WARM WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12471732	12471432	12471532
gold	12471746	12471446	12471546
white struc	12471709	12471409	12471509

	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12471832	12471132	12471332
gold	12471846	12471146	12471346
white struc	12471809	12471109	12471309

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 565lm  
500mA 770lm

ECO LED GE

### Smart kup 82 LED warm dim GE



1X LED ARRAY INCL. 12W



	WARM WHITE 2000K - 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12473032	12473132	12473232
gold	12473046	12473146	12473246
white struc	12473009	12473109	12473209

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE) GE  
! FOR CORRECT DRIVER SEE PAGE 252, 254 & 255

## ACCESSORIES

### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

### INSTALLATION - CONBOX

10889830 CONBOX 190x192x130x256

### INSTALLATION - GYPKIT

1X

12290130 GYPKIT 190X190 - Ø70

2X

12291030 GYPKIT 190X190 - 2x Ø70

### INSTALLATION - RECESSED RING

12500230 RECESSED RING Ø70 H 100

### MASK

#### MASK 82 - 1X

12500009 MASK 82 - 1X WHITE STRUC

12500032 MASK 82 - 1X BLACK STRUC

12500046 MASK 82 - 1X GOLD

#### MASK 82 - 2X

12500109 MASK 82 - 2X WHITE STRUC

12500132 MASK 82 - 2X BLACK STRUC

12500146 MASK 82 - 2X GOLD

### SURFACE BOX

**SURFACE BOX 82 - 1X GI**  
! DO NOT FORGET TO ORDER MASK

12514009 SURFACE BOX 82 1X GI WHITE STRUC

12514032 SURFACE BOX 82 1X GI BLACK STRUC

12514109 SURFACE BOX 82 1X GI 1-10V/PUSHDIM WHITE STRUC

12514132 SURFACE BOX 82 1X GI 1-10V/PUSHDIM BLACK STRUC

**SURFACE BOX 82 - 2X GI**  
! DO NOT FORGET TO ORDER MASK

12515009 SURFACE BOX 82 2X GI WHITE STRUC

12515032 SURFACE BOX 82 2X GI BLACK STRUC

12515109 SURFACE BOX 82 2X GI 1-10V/PUSHDIM WHITE STRUC

12515132 SURFACE BOX 82 2X GI 1-10V/PUSHDIM BLACK STRUC

**SURFACE BOX 82 - 1X GE**  
! DO NOT FORGET TO ORDER MASK

12516009 SURFACE BOX 82 1X GE WHITE STRUC

12516032 SURFACE BOX 82 1X GE BLACK STRUC

**SURFACE BOX 82 - 2X GE**  
! DO NOT FORGET TO ORDER MASK

12516109 SURFACE BOX 82 2X GE WHITE STRUC

12516132 SURFACE BOX 82 2X GE BLACK STRUC

## Smart kup 82

### SURFACE TUBED

#### SURFACE TUBED 82 SMALL - GE

12841009	SURFACE TUBED 82 SMALL GE WHITE STRUC
12841032	SURFACE TUBED 82 SMALL GE BLACK STRUC
12841024	SURFACE TUBED 82 SMALL GE BRUSHED ALU

#### SURFACE TUBED 82 LARGE - GE

12845009	SURFACE TUBED 82 LARGE GE WHITE STRUC
12845032	SURFACE TUBED 82 LARGE GE BLACK STRUC
12845024	SURFACE TUBED 82 LARGE GE BRUSHED ALU

#### SURFACE TUBED 82 LARGE - GI

12844009	SURFACE TUBED 82 LARGE GI WHITE STRUC
12844032	SURFACE TUBED 82 LARGE GI BLACK STRUC
12844024	SURFACE TUBED 82 LARGE GI BRUSHED ALU

#### SURFACE TUBED 82 XL - GI

12843109	SURFACE TUBED 82 XL 1-10V/PUSHDIM GI WHITE STRUC
12843132	SURFACE TUBED 82 XL 1-10V/PUSHDIM GI BLACK STRUC
12843124	SURFACE TUBED 82 XL 1-10V/PUSHDIM GI BRUSHED ALU
12843209	SURFACE TUBED 82 XL DALI GI WHITE STRUC
12843232	SURFACE TUBED 82 XL DALI GI BLACK STRUC
12843224	SURFACE TUBED 82 XL DALI GI BRUSHED ALU
12843009	SURFACE TUBED 82 XL TRE DIM GI WHITE STRUC
12843032	SURFACE TUBED 82 XL TRE DIM GI BLACK STRUC
12843024	SURFACE TUBED 82 XL TRE DIM GI BRUSHED ALU

#### SURFACE TUBED SUSPENSION 82 LARGE - GI

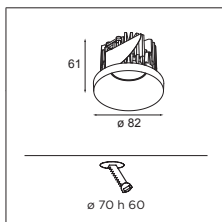
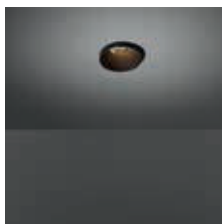
12842009	SURFACE TUBED SUSPENSION 82 LARGE GI WHITE STRUC
12842032	SURFACE TUBED SUSPENSION 82 LARGE GI BLACK STRUC
12842024	SURFACE TUBED SUSPENSION 82 LARGE GI BRUSHED ALU

#### SURFACE TUBED SUSPENSION 82 XL - GI

12842309	SURF. TUBED SUSP. 82 XL 1-10V/PUSHDIM GI WHITE STRUC
12842332	SURF. TUBED SUSP. 82 XL 1-10V/PUSHDIM GI BLACK STRUC
12842324	SURF. TUBED SUSP. 82 XL 1-10V/PUSHDIM GI BRUSHED ALU
12842409	SURF. TUBED SUSP. 82 XL DALI GI WHITE STRUC
12842432	SURF. TUBED SUSP. 82 XL DALI GI BLACK STRUC
12842424	SURF. TUBED SUSP. 82 XL DALI GI BRUSHED ALU
12842209	SURF. TUBED SUSP. 82 XL TRE DIM GI WHITE STRUC
12842232	SURF. TUBED SUSP. 82 XL TRE DIM GI BLACK STRUC
12842224	SURF. TUBED SUSP. 82 XL TRE DIM GI BRUSHED ALU

ECO LED GE

### Smart kup 82 IP54 LED GE



1X LED ARRAY INCL. 9.2W



	WARM WHITE 2700K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12472632	12472032	12472132
gold	12472646	12472046	12472146
white struc	12472609	12472009	12472109

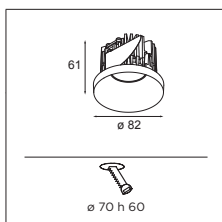
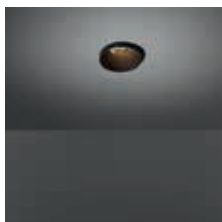
	WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12472732	12472332	12472432
gold	12472746	12472346	12472446
white struc	12472709	12472309	12472409

	NEUTRAL WHITE 4000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12472832	12472532	12472232
gold	12472846	12472546	12472246
white struc	12472809	12472509	12472209

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 543lm  
500mA 740lm

ECO LED GE

### Smart kup 82 IP54 LED warm dim GE



1X LED ARRAY INCL. 12W



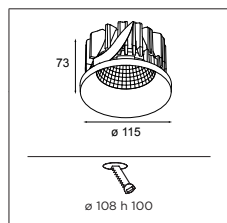
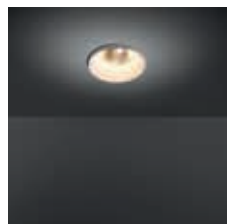
	WARM WHITE 2000K - 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12474032	12474132	12474232
gold	12474046	12474146	12474246
white struc	12474009	12474109	12474209

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE) GE  
! FOR CORRECT DRIVER SEE PAGE 252, 254 & 255

## Smart kup 115

ECO LED GE

### Smart kup 115 LED GE



1X LED ARRAY INCL. 16.25W



	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12761232	12761032	12761332
gold	12761246	12761046	12761346
white struc	12761209	12761009	12761309

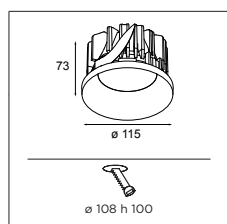
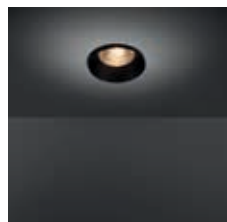
	WARM WHITE 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12761432	12761532	12761632
gold	12761446	12761546	12761646
white struc	12761409	12761509	12761609

	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12761732	12761132	12761832
gold	12761746	12761146	12761846
white struc	12761709	12761109	12761809

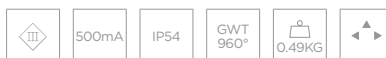
! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 1046lm  
500mA 1434lm  
700mA 1908lm  
900mA 2250lm

ECO LED GE

### Smart kup 115 IP54 LED GE



1X LED ARRAY INCL. 16.25W



	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12762232	12762032	12762332
gold	12762246	12762046	12762346
white struc	12762209	12762009	12762309

	WARM WHITE 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12762432	12762532	12762632
gold	12762446	12762546	12762646
white struc	12762409	12762509	12762609

	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12762732	12762132	12762832
gold	12762746	12762146	12762846
white struc	12762709	12762109	12762809

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 1011lm  
500mA 1386lm  
700mA 1844lm  
900mA 2175lm

## ACCESSORIES

### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

### INSTALLATION - CONBOX

10889830 CONBOX 190x192x130x256

### INSTALLATION - GYPKIT

12290530 GYPKIT 190X190 - Ø180

### INSTALLATION - RECESSED RING

12810230 RECESSED RING Ø127 H 100

### MASK

#### MASK 115 - 1X

12810009 MASK 115 - 1X WHITE STRUC  
12810032 MASK 115 - 1X BLACK STRUC  
12810046 MASK 115 - 1X GOLD

#### MASK 115 - 2X

12810109 MASK 115 - 2X WHITE STRUC  
12810132 MASK 115 - 2X BLACK STRUC  
12810146 MASK 115 - 2X GOLD

### SURFACE BOX

#### SURFACE BOX 115 - 1X GI ! DO NOT FORGET TO ORDER MASK

12800009 SURFACE BOX 115 - 1X GI WHITE STRUC  
12800032 SURFACE BOX 115 - 1X GI BLACK STRUC  
12800109 SURFACE BOX 115 - 1X GI 1-10V/PUSHDIM WHITE STRUC  
12800132 SURFACE BOX 115 - 1X GI 1-10V/PUSHDIM BLACK STRUC  
12800209 SURFACE BOX 115 - 1X GI DALI/PUSHDIM WHITE STRUC  
12800232 SURFACE BOX 115 - 1X GI DALI/PUSHDIM BLACK STRUC

#### SURFACE BOX 115 - 2X GI ! DO NOT FORGET TO ORDER MASK

12801009 SURFACE BOX 115 - 2X GI WHITE STRUC  
12801032 SURFACE BOX 115 - 2X GI BLACK STRUC  
12801109 SURFACE BOX 115 - 2X GI 1-10V/PUSHDIM WHITE STRUC  
12801132 SURFACE BOX 115 - 2X GI 1-10V/PUSHDIM BLACK STRUC  
12801209 SURFACE BOX 115 - 2X GI DALI/PUSHDIM WHITE STRUC  
12801232 SURFACE BOX 115 - 2X GI DALI/PUSHDIM BLACK STRUC

#### SURFACE BOX 115 - 1X GE ! DO NOT FORGET TO ORDER MASK

12802009 SURFACE BOX 115 - 1X GE WHITE STRUC  
12802032 SURFACE BOX 115 - 1X GE BLACK STRUC

#### SURFACE BOX 115 - 2X GE ! DO NOT FORGET TO ORDER MASK

12802109 SURFACE BOX 115 - 2X GE WHITE STRUC  
12802132 SURFACE BOX 115 - 2X GE BLACK STRUC

## Smart kup 115

### SURFACE TUBED

#### SURFACE TUBED 115 - GI

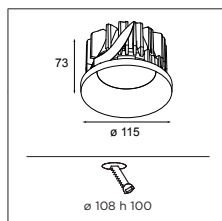
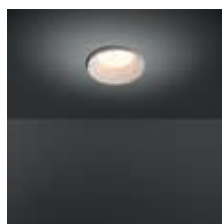
13140209	SURFACE TUBED 115 1-10V/PUSHDIM GI WHITE STRUC
13140232	SURFACE TUBED 115 1-10V/PUSHDIM GI BLACK STRUC
13140224	SURFACE TUBED 115 1-10V/PUSHDIM GI BRUSHED ALU
13140309	SURFACE TUBED 115 DALI GI WHITE STRUC
13140332	SURFACE TUBED 115 DALI GI BLACK STRUC
13140324	SURFACE TUBED 115 DALI GI BRUSHED ALU
13140109	SURFACE TUBED 115 TRE DIM GI WHITE STRUC
13140132	SURFACE TUBED 115 TRE DIM GI BLACK STRUC
13140124	SURFACE TUBED 115 TRE DIM GI BRUSHED ALU

#### SURFACE TUBED SUSPENSION 115 - GI

13141209	SURF. TUBED SUSP. 115 1-10V/PUSHDIM GI WHITE STRUC
13141232	SURF. TUBED SUSP. 115 1-10V/PUSHDIM GI BLACK STRUC
13141224	SURF. TUBED SUSP. 115 1-10V/PUSHDIM GI BRUSHED ALU
13141309	SURF. TUBED SUSP. 115 DALI GI WHITE STRUC
13141332	SURF. TUBED SUSP. 115 DALI GI BLACK STRUC
13141324	SURF. TUBED SUSP. 115 DALI GI BRUSHED ALU
13141109	SURF. TUBED SUSP. 115 TRE DIM GI WHITE STRUC
13141132	SURF. TUBED SUSP. 115 TRE DIM GI BLACK STRUC
13141124	SURF. TUBED SUSP. 115 TRE DIM GI BRUSHED ALU

ECO LED GE

### Smart kup 115 diffuse IP54 LED GE



1X LED ARRAY INCL. 16.25W

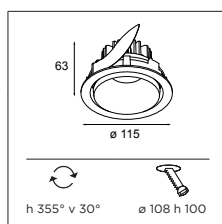
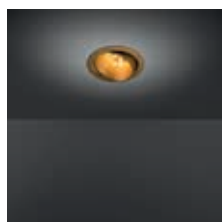


	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+	NEUTRAL WHITE 4000K / CRI90+
	WIDE FLOOD 85°	WIDE FLOOD 85°	WIDE FLOOD 85°
black struc	12763032	12763532	12763132
gold	12763046	12763546	12763146
white struc	12763009	12763509	12763109

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - WHITE STRUC)  
350mA 797lm  
500mA 1092lm  
700mA 1453lm  
900mA 1713lm

ECO LED GE

### Smart kup 115 adjustable LED GE



1X LED ARRAY INCL. 9.2W



	WARM WHITE 2700K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12791232	12791032	12791332
gold	12791246	12791046	12791346
white struc	12791209	12791009	12791309

	WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12791432	12791532	12791632
gold	12791446	12791546	12791646
white struc	12791409	12791509	12791609

	NEUTRAL WHITE 4000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12791732	12791132	12791832
gold	12791746	12791146	12791846
white struc	12791709	12791109	12791809

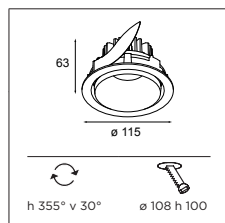
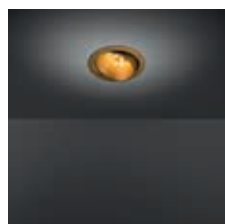
! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE ONLY!)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 804lm  
500mA 1126lm

## Smart kup 115

ECO LED GE



Smart kup 115 adjustable LED warm dim GE



1X LED ARRAY INCL. 12W

	WARM WHITE 2000K - 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12793032	12793132	12793232
gold	12793046	12793146	12793246
white struc	12793009	12793109	12793209

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX GE  
! FOR CORRECT DRIVER SEE PAGE 252, 254 & 255

### ACCESSORIES

#### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

#### INSTALLATION - CONBOX

10889830 CONBOX 190x192x130x256

#### INSTALLATION - GYPKIT

12290530 GYPKIT 190X190 - Ø180

#### INSTALLATION - RECESSED RING

12810230 RECESSED RING Ø127 H 100

#### MASK

##### MASK 115 - 1X

12810009 MASK 115 - 1X WHITE STRUC

12810032 MASK 115 - 1X BLACK STRUC

12810046 MASK 115 - 1X GOLD

##### MASK 115 - 2X

12810109 MASK 115 - 2X WHITE STRUC

12810132 MASK 115 - 2X BLACK STRUC

12810146 MASK 115 - 2X GOLD

#### SURFACE BOX

##### SURFACE BOX 115 - 1X GE ! DO NOT FORGET TO ORDER MASK

12802009 SURFACE BOX 115 - 1X GE WHITE STRUC

12802032 SURFACE BOX 115 - 1X GE BLACK STRUC

##### SURFACE BOX 115 - 2X GE ! DO NOT FORGET TO ORDER MASK

12802109 SURFACE BOX 115 - 2X GE WHITE STRUC

12802132 SURFACE BOX 115 - 2X GE BLACK STRUC



## Smart kup 115



SMART KUP 115  
SMART SURFACE TUBED 115

## Smart kup 160



## Smart kup 160

### ACCESSORIES

#### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

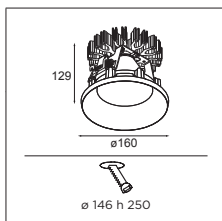
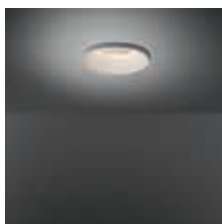
#### MASK

13040009 SMART MASK 160 1X WHITE STRUC

13040032 SMART MASK 160 1X BLACK STRUC

ECO LED GE

#### Smart kup 160 IP54 LED GE



1X LED ARRAY INCL. 31W



	WARM WHITE 2700K / CRI90+			
	SPOT 15°	MEDIUM 25°	FLOOD 40°	WIDE FLOOD
black struc	13021032	13021332	13021632	13023032
white struc	13021009	13021309	13021609	13023009

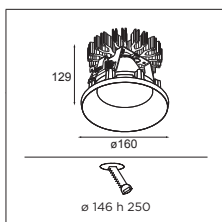
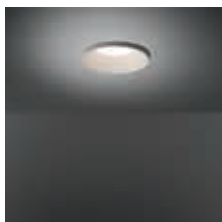
	WARM WHITE 3000K / CRI90+			
	SPOT 15°	MEDIUM 25°	FLOOD 40°	WIDE FLOOD
black struc	13021132	13021432	13021732	13023132
white struc	13021109	13021409	13021709	13023109

	NEUTRAL WHITE 4000K / CRI90+			
	SPOT 15°	MEDIUM 25°	FLOOD 40°	WIDE FLOOD
black struc	13021232	13021532	13021832	13023232
white struc	13021209	13021509	13021809	13023209

! 3500K ON REQUEST  
! CAN BE COMBINED WITH SMART MASK  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
700mA 2113lm  
900mA 2591lm  
1050mA 2905lm  
1400mA 3605lm  
1600mA 3908lm

ECO LED GE

#### Smart kup 160 diffuse IP54 LED GE



1X LED ARRAY INCL. 31W



	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+	NEUTRAL WHITE 4000K / CRI90+
	WIDE FLOOD 80°	WIDE FLOOD 80°	WIDE FLOOD 80°
black struc	13022032	13022132	13022232
white struc	13022009	13022109	13022209

! 3500K ON REQUEST  
! CAN BE COMBINED WITH SMART MASK  
! LUMEN OUTPUT (FOR 3000K - WHITE STRUC)  
700mA 1749lm  
900mA 2145lm  
1050mA 2406lm  
1400mA 2985lm  
1600mA 3236lm

## Smart kup



SMART KUP 82 WITH SMART SURFACE TUBED 82 XL  
A SUIVRE, KORTRIJK (BE)

## Smart kup



## Smart kup



SMART KUP 82  
DE VITRINE, IZEGEM (BE)  
DOMO ARRIGATO

Smart kup



## Smart lotis 48



SMART LOTIS 48 WITH SMART SURFACE TUBED 48  
PRIVATE RESIDENCE, WAREGEM (BE)  
PLUSPUNT ARCHITECTUUR



## Smart lotis 48

### ACCESSORIES

#### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

#### INSTALLATION - CONBOX

10889530 CONBOX 100X123X80X187

#### INSTALLATION - GYPKIT

12290730 GYPKIT 100X120 - Ø45

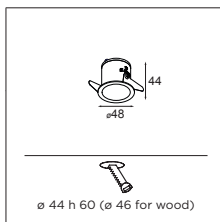
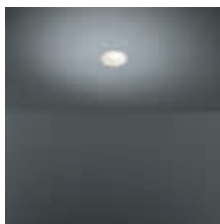
#### SURFACE TUBED

12900009 SURFACE TUBED 48 GE FOR 1X LED WHITE STRUC

12900032 SURFACE TUBED 48 GE FOR 1X LED BLACK STRUC

ECO LED GE

#### Smart lotis 48 LED GE



1X HIGH POWER LED INCL. 1.5W

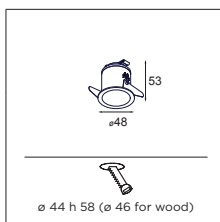
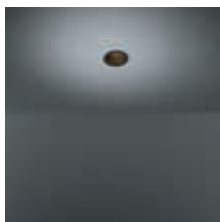


	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+	NEUTRAL WHITE 4000K / CRI90+
	MEDIUM 25°	MEDIUM 25°	MEDIUM 25°
black struc	12860132	12860032	12860232
white struc	12860109	12860009	12860209

! CAN BE COMBINED WITH SMART SURFACE TUBED  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 88lm  
500mA 123lm

ECO LED GE

#### Smart lotis 48 IP54 LED GE



1X HIGH POWER LED INCL. 1.5W



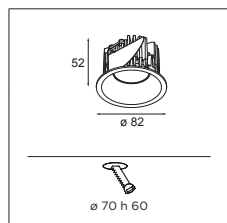
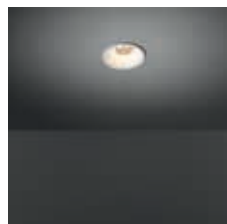
	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+	NEUTRAL WHITE 4000K / CRI90+
	MEDIUM 25°	MEDIUM 25°	MEDIUM 25°
black struc	12861132	12861032	12861232
white struc	12861109	12861009	12861209

! CAN BE COMBINED WITH SMART SURFACE TUBED  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 84lm  
500mA 119lm

## Smart lotis 82

ECO LED GE

### Smart lotis 82 LED GE



1X LED ARRAY INCL. 9.2W



	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12441632	12441032	12441232
gold	12441646	12441046	12441246
white struc	12441609	12441009	12441209

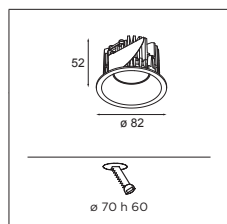
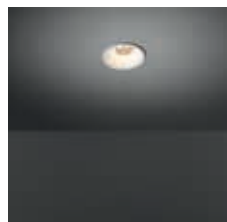
	WARM WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12441732	12441432	12441532
gold	12441746	12441446	12441546
white struc	12441709	12441409	12441509

	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12441832	12441132	12441332
gold	12441846	12441146	12441346
white struc	12441809	12441109	12441309

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 565lm  
500mA 770lm

ECO LED GE

### Smart lotis 82 LED warm dim GE



1X LED ARRAY INCL. 12W



	WARM WHITE 2000K - 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12443032	12443132	12443232
gold	12443046	12443146	12443246
white struc	12443009	12443109	12443209

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE) GE  
! FOR CORRECT DRIVER SEE PAGE 252, 254 & 255

## ACCESSORIES

### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

### INSTALLATION - CONBOX

10889830 CONBOX 190x192x130x256

### INSTALLATION - GYPKIT

1X

12290130 GYPKIT 190X190 - Ø70

2X

12291030 GYPKIT 190X190 - 2x Ø70

### INSTALLATION - RECESSED RING

12500230 RECESSED RING Ø70 H 100

### MASK

#### MASK 82 - 1X

12500009 MASK 82 - 1X WHITE STRUC

12500032 MASK 82 - 1X BLACK STRUC

12500046 MASK 82 - 1X GOLD

#### MASK 82 - 2X

12500109 MASK 82 - 2X WHITE STRUC

12500132 MASK 82 - 2X BLACK STRUC

12500146 MASK 82 - 2X GOLD

### SURFACE BOX

#### SURFACE BOX 82 - 1X GI

! DO NOT FORGET TO ORDER MASK

12514009 SURFACE BOX 82 1X GI WHITE STRUC

12514032 SURFACE BOX 82 1X GI BLACK STRUC

12514109 SURFACE BOX 82 1X GI 1-10V/PUSHDIM WHITE STRUC

12514132 SURFACE BOX 82 1X GI 1-10V/PUSHDIM BLACK STRUC

#### SURFACE BOX 82 - 2X GI

! DO NOT FORGET TO ORDER MASK

12515009 SURFACE BOX 82 2X GI WHITE STRUC

12515032 SURFACE BOX 82 2X GI BLACK STRUC

12515109 SURFACE BOX 82 2X GI 1-10V/PUSHDIM WHITE STRUC

12515132 SURFACE BOX 82 2X GI 1-10V/PUSHDIM BLACK STRUC

#### SURFACE BOX 82 - 1X GE

! DO NOT FORGET TO ORDER MASK

12516009 SURFACE BOX 82 1X GE WHITE STRUC

12516032 SURFACE BOX 82 1X GE BLACK STRUC

#### SURFACE BOX 82 - 2X GE

! DO NOT FORGET TO ORDER MASK

12516109 SURFACE BOX 82 2X GE WHITE STRUC

12516132 SURFACE BOX 82 2X GE BLACK STRUC

## Smart lotis 82

### SURFACE TUBED

#### SURFACE TUBED 82 SMALL - GE

12841009	SURFACE TUBED 82 SMALL GE WHITE STRUC
12841032	SURFACE TUBED 82 SMALL GE BLACK STRUC
12841024	SURFACE TUBED 82 SMALL GE BRUSHED ALU

#### SURFACE TUBED 82 LARGE - GE

12845009	SURFACE TUBED 82 LARGE GE WHITE STRUC
12845032	SURFACE TUBED 82 LARGE GE BLACK STRUC
12845024	SURFACE TUBED 82 LARGE GE BRUSHED ALU

#### SURFACE TUBED 82 LARGE - GI

12844009	SURFACE TUBED 82 LARGE GI WHITE STRUC
12844032	SURFACE TUBED 82 LARGE GI BLACK STRUC
12844024	SURFACE TUBED 82 LARGE GI BRUSHED ALU

#### SURFACE TUBED 82 XL - GI

12843109	SURFACE TUBED 82 XL 1-10V/PUSHDIM GI WHITE STRUC
12843132	SURFACE TUBED 82 XL 1-10V/PUSHDIM GI BLACK STRUC
12843124	SURFACE TUBED 82 XL 1-10V/PUSHDIM GI BRUSHED ALU
12843209	SURFACE TUBED 82 XL DALI GI WHITE STRUC
12843232	SURFACE TUBED 82 XL DALI GI BLACK STRUC
12843224	SURFACE TUBED 82 XL DALI GI BRUSHED ALU
12843009	SURFACE TUBED 82 XL TRE DIM GI WHITE STRUC
12843032	SURFACE TUBED 82 XL TRE DIM GI BLACK STRUC
12843024	SURFACE TUBED 82 XL TRE DIM GI BRUSHED ALU

#### SURFACE TUBED SUSPENSION 82 LARGE - GI

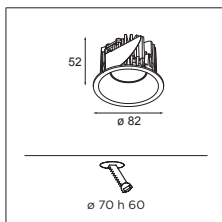
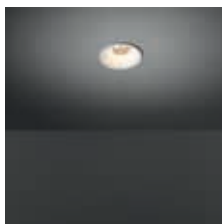
12842009	SURFACE TUBED SUSPENSION 82 LARGE GI WHITE STRUC
12842032	SURFACE TUBED SUSPENSION 82 LARGE GI BLACK STRUC
12842024	SURFACE TUBED SUSPENSION 82 LARGE GI BRUSHED ALU

#### SURFACE TUBED SUSPENSION 82 XL - GI

12842309	SURF. TUBED SUSP. 82 XL 1-10V/PUSHDIM GI WHITE STRUC
12842332	SURF. TUBED SUSP. 82 XL 1-10V/PUSHDIM GI BLACK STRUC
12842324	SURF. TUBED SUSP. 82 XL 1-10V/PUSHDIM GI BRUSHED ALU
12842409	SURF. TUBED SUSP. 82 XL DALI GI WHITE STRUC
12842432	SURF. TUBED SUSP. 82 XL DALI GI BLACK STRUC
12842424	SURF. TUBED SUSP. 82 XL DALI GI BRUSHED ALU
12842209	SURF. TUBED SUSP. 82 XL TRE DIM GI WHITE STRUC
12842232	SURF. TUBED SUSP. 82 XL TRE DIM GI BLACK STRUC
12842224	SURF. TUBED SUSP. 82 XL TRE DIM GI BRUSHED ALU

ECO LED GE

### Smart lotis 82 IP54 LED GE



1X LED ARRAY INCL. 9.2W



	WARM WHITE 2700K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12442632	12442032	12442132
gold	12442646	12442046	12442146
white struc	12442609	12442009	12442109

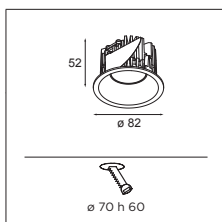
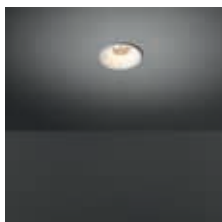
	WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12442732	12442332	12442432
gold	12442746	12442346	12442446
white struc	12442709	12442309	12442409

	NEUTRAL WHITE 4000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12442832	12442532	12442232
gold	12442846	12442546	12442246
white struc	12442809	12442509	12442209

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 543lm  
500mA 740lm

ECO LED GE

### Smart lotis 82 IP54 LED warm dim GE



1X LED ARRAY INCL. 12W



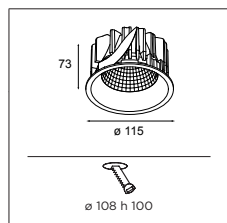
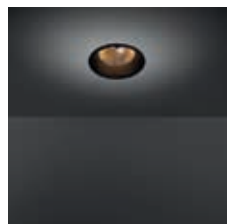
	WARM WHITE 2000K - 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12444032	12444132	12444232
gold	12444046	12444146	12444246
white struc	12444009	12444109	12444209

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE) GE  
! FOR CORRECT DRIVER SEE PAGE 252, 254 & 255

## Smart lotis 115

ECO LED GE

### Smart lotis 115 LED GE



1X LED ARRAY INCL. 16.25W

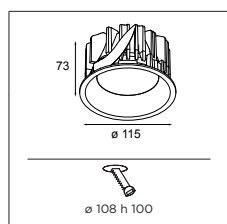
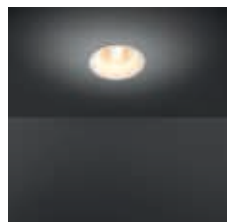


	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12751232	12751032	12751332
gold	12751246	12751046	12751346
white struc	12751209	12751009	12751309
	WARM WHITE 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12751432	12751532	12751632
gold	12751446	12751546	12751646
white struc	12751409	12751509	12751609
	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12751732	12751132	12751832
gold	12751746	12751146	12751846
white struc	12751709	12751109	12751809

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 1046lm  
500mA 1434lm  
700mA 1908lm  
900mA 2250lm

ECO LED GE

### Smart lotis 115 IP54 LED GE



1X LED ARRAY INCL. 16.25W



	WARM WHITE 2700K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12752232	12752032	12752332
gold	12752246	12752046	12752346
white struc	12752209	12752009	12752309
	WARM WHITE 3000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12752432	12752532	12752632
gold	12752446	12752546	12752646
white struc	12752409	12752509	12752609
	NEUTRAL WHITE 4000K / CR190+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	12752732	12752132	12752832
gold	12752746	12752146	12752846
white struc	12752709	12752109	12752809

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 1011lm  
500mA 1386lm  
700mA 1844lm  
900mA 2175lm

## ACCESSORIES

### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

### INSTALLATION - CONBOX

10889830 CONBOX 190x192x130x256

### INSTALLATION - GYPKIT

12290530 GYPKIT 190X190 - Ø180

### INSTALLATION - RECESSED RING

12810230 RECESSED RING Ø127 H 100

### MASK

#### MASK 115 - 1X

12810009 MASK 115 - 1X WHITE STRUC  
12810032 MASK 115 - 1X BLACK STRUC  
12810046 MASK 115 - 1X GOLD

#### MASK 115 - 2X

12810109 MASK 115 - 2X WHITE STRUC  
12810132 MASK 115 - 2X BLACK STRUC  
12810146 MASK 115 - 2X GOLD

### SURFACE BOX

SURFACE BOX 115 - 1X GI  
! DO NOT FORGET TO ORDER MASK

12800009 SURFACE BOX 115 - 1X GI WHITE STRUC  
12800032 SURFACE BOX 115 - 1X GI BLACK STRUC  
12800109 SURFACE BOX 115 - 1X GI 1-10V/PUSHDIM WHITE STRUC  
12800132 SURFACE BOX 115 - 1X GI 1-10V/PUSHDIM BLACK STRUC  
12800209 SURFACE BOX 115 - 1X GI DALI/PUSHDIM WHITE STRUC  
12800232 SURFACE BOX 115 - 1X GI DALI/PUSHDIM BLACK STRUC

SURFACE BOX 115 - 2X GI  
! DO NOT FORGET TO ORDER MASK

12801009 SURFACE BOX 115 - 2X GI WHITE STRUC  
12801032 SURFACE BOX 115 - 2X GI BLACK STRUC  
12801109 SURFACE BOX 115 - 2X GI 1-10V/PUSHDIM WHITE STRUC  
12801132 SURFACE BOX 115 - 2X GI 1-10V/PUSHDIM BLACK STRUC  
12801209 SURFACE BOX 115 - 2X GI DALI/PUSHDIM WHITE STRUC  
12801232 SURFACE BOX 115 - 2X GI DALI/PUSHDIM BLACK STRUC

SURFACE BOX 115 - 1X GE  
! DO NOT FORGET TO ORDER MASK

12802009 SURFACE BOX 115 - 1X GE WHITE STRUC  
12802032 SURFACE BOX 115 - 1X GE BLACK STRUC

SURFACE BOX 115 - 2X GE  
! DO NOT FORGET TO ORDER MASK

12802109 SURFACE BOX 115 - 2X GE WHITE STRUC  
12802132 SURFACE BOX 115 - 2X GE BLACK STRUC

## Smart lotis 115

### SURFACE TUBED

#### SURFACE TUBED 115 - GI

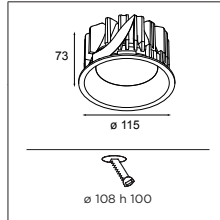
13140209	SURFACE TUBED 115 1-10V/PUSHDIM GI WHITE STRUC
13140232	SURFACE TUBED 115 1-10V/PUSHDIM GI BLACK STRUC
13140224	SURFACE TUBED 115 1-10V/PUSHDIM GI BRUSHED ALU
13140309	SURFACE TUBED 115 DALI GI WHITE STRUC
13140332	SURFACE TUBED 115 DALI GI BLACK STRUC
13140324	SURFACE TUBED 115 DALI GI BRUSHED ALU
13140109	SURFACE TUBED 115 TRE DIM GI WHITE STRUC
13140132	SURFACE TUBED 115 TRE DIM GI BLACK STRUC
13140124	SURFACE TUBED 115 TRE DIM GI BRUSHED ALU

#### SURFACE TUBED SUSPENSION 115 - GI

13141209	SURF. TUBED SUSP. 115 1-10V/PUSHDIM GI WHITE STRUC
13141232	SURF. TUBED SUSP. 115 1-10V/PUSHDIM GI BLACK STRUC
13141224	SURF. TUBED SUSP. 115 1-10V/PUSHDIM GI BRUSHED ALU
13141309	SURF. TUBED SUSP. 115 DALI GI WHITE STRUC
13141332	SURF. TUBED SUSP. 115 DALI GI BLACK STRUC
13141324	SURF. TUBED SUSP. 115 DALI GI BRUSHED ALU
13141109	SURF. TUBED SUSP. 115 TRE DIM GI WHITE STRUC
13141132	SURF. TUBED SUSP. 115 TRE DIM GI BLACK STRUC
13141124	SURF. TUBED SUSP. 115 TRE DIM GI BRUSHED ALU

ECO LED GE

### Smart lotis 115 diffuse IP54 LED GE



1X LED ARRAY INCL. 16.25W

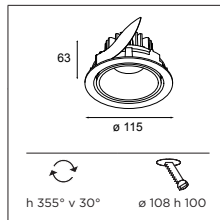
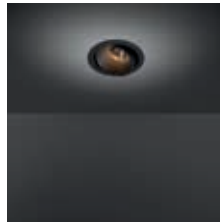


	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+	NEUTRAL WHITE 4000K / CRI90+
	WIDE FLOOD 85°	WIDE FLOOD 85°	WIDE FLOOD 85°
black struc	12753032	12753532	12753132
gold	12753046	12753546	12753146
white struc	12753009	12753509	12753109

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE/SUSPENSION)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 80lm  
500mA 1099lm  
700mA 1462lm  
900mA 1724lm

ECO LED GE

### Smart lotis 115 adjustable LED GE



1X LED ARRAY INCL. 9.2W



	WARM WHITE 2700K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12781232	12781032	12781332
gold	12781246	12781046	12781346
white struc	12781209	12781009	12781309

	WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12781432	12781532	12781632
gold	12781446	12781546	12781646
white struc	12781409	12781509	12781609

	NEUTRAL WHITE 4000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12781732	12781132	12781832
gold	12781746	12781146	12781846
white struc	12781709	12781109	12781809

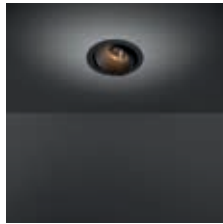
! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX & SMART TUBED (SURFACE ONLY!)  
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 804lm  
500mA 1126lm

## Smart lotis 115

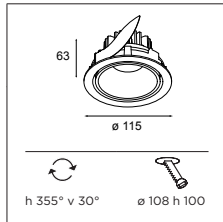
ECO LED GE



Smart lotis 115 adjustable LED warm dim GE



	WARM WHITE 2000K - 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 50°
black struc	12783032	12783132	12783232
gold	12783046	12783146	12783246
white struc	12783009	12783109	12783209



1X LED ARRAY INCL. 12W

! CAN BE COMBINED WITH SMART MASK  
! CAN BE COMBINED WITH SMART SURFACE BOX GE  
! FOR CORRECT DRIVER SEE PAGE 252, 254 & 255

### ACCESSORIES

#### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

#### INSTALLATION - CONBOX

10889830 CONBOX 190x192x130x256

#### INSTALLATION - GYPKIT

12290530 GYPKIT 190X190 - Ø180

#### INSTALLATION - RECESSED RING

12810230 RECESSED RING Ø127 H 100

#### MASK

##### MASK 115 - 1X

12810009 MASK 115 - 1X WHITE STRUC

12810032 MASK 115 - 1X BLACK STRUC

12810046 MASK 115 - 1X GOLD

##### MASK 115 - 2X

12810109 MASK 115 - 2X WHITE STRUC

12810132 MASK 115 - 2X BLACK STRUC

12810146 MASK 115 - 2X GOLD

#### SURFACE BOX

SURFACE BOX 115 - 1X GE  
! DO NOT FORGET TO ORDER MASK

12802009 SURFACE BOX 115 - 1X GE WHITE STRUC

12802032 SURFACE BOX 115 - 1X GE BLACK STRUC

SURFACE BOX 115 - 2X GE  
! DO NOT FORGET TO ORDER MASK

12802109 SURFACE BOX 115 - 2X GE WHITE STRUC

12802132 SURFACE BOX 115 - 2X GE BLACK STRUC

## Smart lotis 115



## Smart lotis 160





## Smart lotis 160

### ACCESSORIES

#### ELECTRICAL - DRIVERS

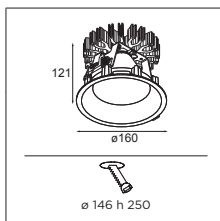
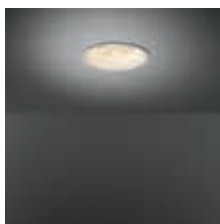
SEE GOODIES SECTION

#### MASK

13040009	SMART MASK 160 1X WHITE STRUC
13040032	SMART MASK 160 1X BLACK STRUC

ECO LED GE

#### Smart lotis 160 IP54 LED GE



1X LED ARRAY INCL. 31W



	WARM WHITE 2700K / CRI90+			
	SPOT 15°	MEDIUM 25°	FLOOD 40°	WIDE FLOOD
black struc	13011032	13011332	13011632	13013032
white struc	13011009	13011309	13011609	13013009

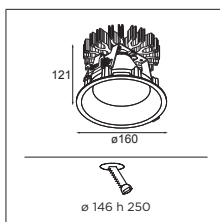
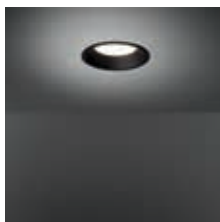
	WARM WHITE 3000K / CRI90+			
	SPOT 15°	MEDIUM 25°	FLOOD 40°	WIDE FLOOD
black struc	13011132	13011432	13011732	13013132
white struc	13011109	13011409	13011709	13013109

	NEUTRAL WHITE 4000K / CRI90+			
	SPOT 15°	MEDIUM 25°	FLOOD 40°	WIDE FLOOD
black struc	13011232	13011532	13011832	13013232
white struc	13011209	13011509	13011809	13013209

! CAN BE COMBINED WITH SMART MASK  
 ! 3500K ON REQUEST  
 ! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
 700mA 2123lm  
 900mA 2591lm  
 1050mA 2905lm  
 1400mA 3605lm  
 1600mA 3908lm

ECO LED GE

#### Smart lotis 160 diffuse IP54 LED GE



1X LED ARRAY INCL. 31W



	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+	NEUTRAL WHITE 4000K / CRI90+
	WIDE FLOOD 80°	WIDE FLOOD 80°	WIDE FLOOD 80°
black struc	13012032	13012132	13012232
white struc	13012009	13012109	13012209

! CAN BE COMBINED WITH SMART MASK  
 ! 3500K ON REQUEST  
 ! LUMEN OUTPUT (FOR 3000K - WHITE STRUC)  
 700mA 1749lm  
 900mA 2145lm  
 1050mA 2406lm  
 1400mA 2985lm  
 1600mA 3236lm

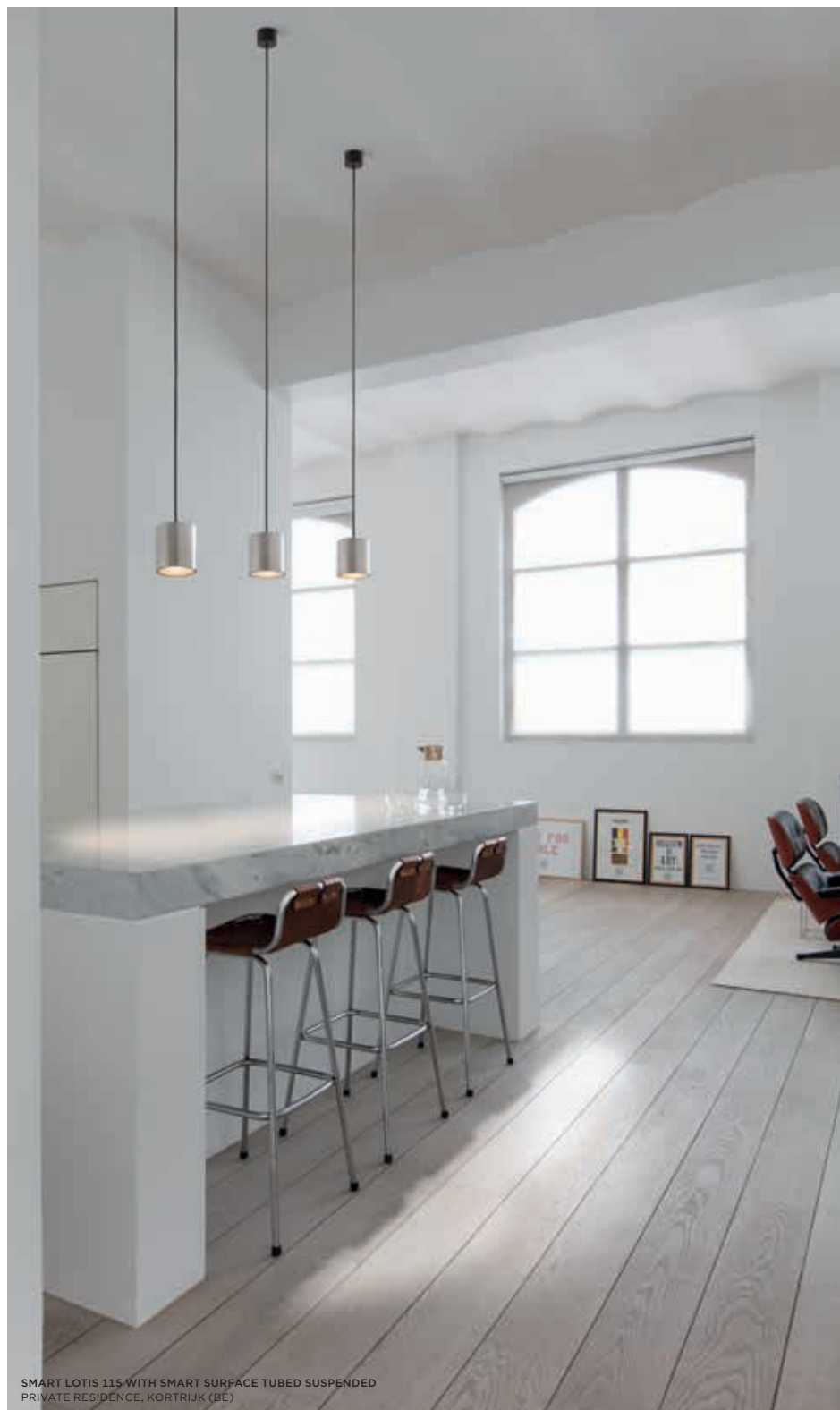
## Smart lotis





SMART LOTIS 82  
SMART SURFACE TUBED 82 XL

## Smart lotis



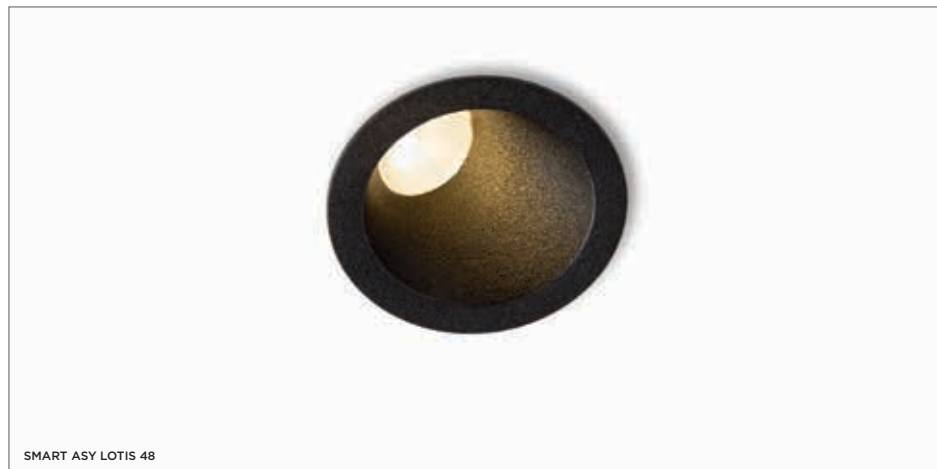
SMART LOTIS 115 WITH SMART SURFACE TUBED SUSPENDED  
PRIVATE RESIDENCE, KORTRIJK (BE)

## Smart lotis



SMART LOTIS 115 WITH SMART SURFACE TUBED  
A SUIVRE, KORTRIJK (BE)

## Smart asy lotis 48



## Smart asy lotis 48

### ACCESSORIES

#### ELECTRICAL - DRIVERS

SEE GOODIES SECTION

#### INSTALLATION - CONBOX

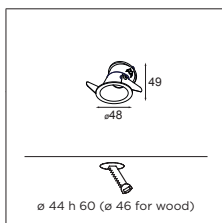
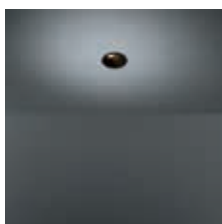
10889530 CONBOX 100X123X80X187

#### INSTALLATION - GYPKIT

12290730 GYPKIT 100X120 - Ø45

ECO LED GE

#### Smart asy lotis 48 LED GE



1X HIGH POWER LED INCL. 1.5W

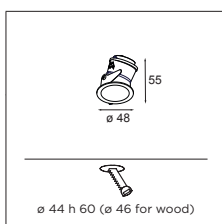
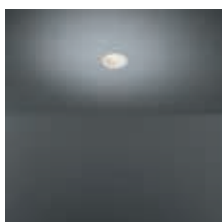


	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+	NEUTRAL WHITE 4000K / CRI90+
	MEDIUM	MEDIUM 25°	MEDIUM
black struc	12890132	12890032	12890232
white struc	12890109	12890009	12890209

! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 86lm  
500mA 121lm

ECO LED GE

#### Smart asy lotis 48 IP54 LED GE



1X HIGH POWER LED INCL. 1.5W

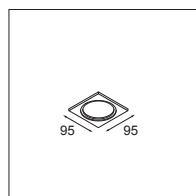


	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+	NEUTRAL WHITE 4000K / CRI90+
	MEDIUM	MEDIUM 25°	MEDIUM
black struc	12891132	12891032	12891232
white struc	12891109	12891009	12891209

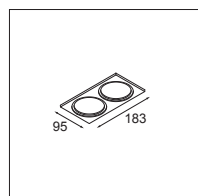
! 3500K ON REQUEST  
! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC)  
350mA 82lm  
500mA 115lm

## Smart combinations

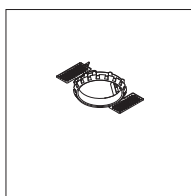
### OVERVIEW ACCESSORIES - RECESSED



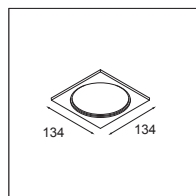
SMART 82  
MASK 1X



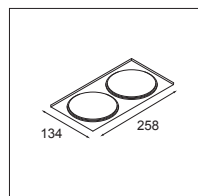
SMART 82  
MASK 2X



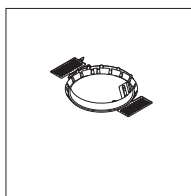
SMART 82  
RECESSED RING



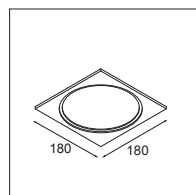
SMART 115  
MASK 1X



SMART 115  
MASK 2X

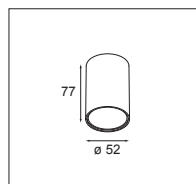


SMART 115  
RECESSED RING

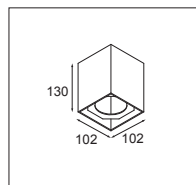


SMART 160  
MASK 1X

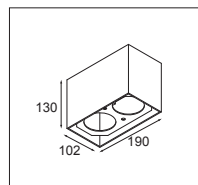
### OVERVIEW ACCESSORIES - SURFACE



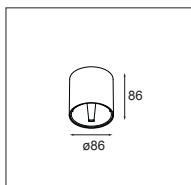
SMART 48  
SURFACE TUBED



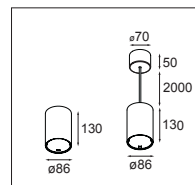
SMART 82  
SURFACE BOX 1X



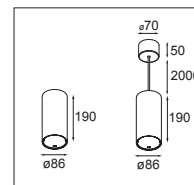
SMART 82  
SURFACE BOX 2X



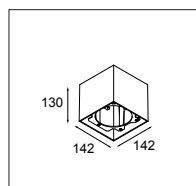
SMART 82  
SURFACE TUBED SMALL



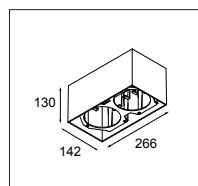
SMART 82  
SURFACE TUBED LARGE  
SURFACE TUBED SUSPENDED LARGE



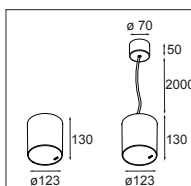
SMART 82  
SURFACE TUBED XL  
SURFACE TUBED SUSPENDED XL



SMART 115  
SURFACE BOX 1X



SMART 115  
SURFACE BOX 2X



SMART 115  
SURFACE TUBED  
SURFACE TUBED SUSPENDED



## Smart combinations

type	color	source	power supply	lumen output	power	ø 82			ø 115			ø 160				
						recessed ring	Smart mask		recessed ring	Smart mask		Smart mask				
							1X	1X		2X	1X		1X	2X	1X	
						○	●	●	○	●	●	○	●			
ø 82	fix	○ ● ●	LED 900lm GE	350mA	500lm	7W	Ⓜ	Ⓜ	Ⓜ							
				500mA	900lm	10W	Ⓜ	Ⓜ	Ⓜ							
				230V	<500lm		Ⓜ	Ⓜ	Ⓜ							
	fix	○ ● ●	LED 900lm GE	350mA	500lm	7W	Ⓜ	Ⓜ	Ⓜ							
				500mA	900lm	10W	Ⓜ	Ⓜ	Ⓜ							
ø 115	adj.	○ ● ●	LED 900lm GE	350mA	500lm	7W				Ⓜ	Ⓜ	Ⓜ				
				500mA	900lm	10W				Ⓜ	Ⓜ	Ⓜ				
				230V	<500lm					Ⓜ	Ⓜ	Ⓜ				
				fix	○ ● ●	LED 1100-3000lm GE	350mA	1100lm	11W				Ⓜ	Ⓜ	Ⓜ	
							500mA	1500lm	16W				Ⓜ	Ⓜ	Ⓜ	
							700mA	2000lm	24W				Ⓜ	Ⓜ	Ⓜ	
	fix	○ ● ●	LED 1100-3000lm GE	900mA	2500lm	31W				Ⓜ	Ⓜ	Ⓜ				
				350mA	1100lm	11W				Ⓜ	Ⓜ	Ⓜ				
				500mA	1500lm	16W				Ⓜ	Ⓜ	Ⓜ				
	fix	○ ● ●	LED 1100-3000lm GE	700mA	2000lm	24W				Ⓜ	Ⓜ	Ⓜ				
				900mA	2500lm	31W				Ⓜ	Ⓜ	Ⓜ				
ø 160	fix	○ ●	LED 2700-4500lm GE	1050mA	2700lm	31W							Ⓜ			
				1400mA	3600lm	42W								Ⓜ		
				1600mA	4500lm	48W								Ⓜ		

type	color	source	power supply	lumen output	power	ø 48	ø 82				ø 115				
						Smart surface tubed	Smart surface box		Smart tubed surface/suspension				Smart surface box		Smart tubed surface/suspension
						○ ●	○ ●	○ ● ●				○ ●	○ ● ●		
						GE h 77mm	GI h 130mm	GE h 130mm	small/GE h 86mm	large/GI h 130mm	large/GE h 130mm	x-large/GI h 190mm	GI h 130mm	GE h 130mm	GI h 130mm
						1X	1X 2X	1X 2X	1X	1X	1X	1X	1X	1X	
ø 48	fix	○ ●	high power LED	500mA		1.5W	Ⓜ*								
ø 82	fix	○ ● ●	LED 900lm GE	500mA	900lm	10W		Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ			
				230V	<500lm					Ⓜ					
ø 115	adj.	○ ● ●	LED 900lm GE	500mA	900lm	10W							Ⓜ	Ⓜ	Ⓜ**
				230V	<500lm										Ⓜ
	fix	○ ● ●	LED 1100-3000lm GE	500mA	1500lm	16W							Ⓜ	Ⓜ	Ⓜ

○ white structure

● black structure

● brushed alu

● gold

Ⓜ Smart combination

\* not possible with Smart asy lotis 48

\*\* not possible with Smart surface tubed suspension



# VAEDER

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## Glare-free working light

With a name derived from the English verb 'evade', it is clear from the start that Vaeder will be miles ahead of anything average. This fixture feels equally at home in an energy-efficient, ergonomic office environment and in a home office. Its characteristic honeycomb structure in combination with a wafer-thin diffuser minimizes glare, whilst Vaeder's ground-breaking LED technology results in an energy-efficient and high performance office fixture, compliant with the official EN 12464-1 standard.

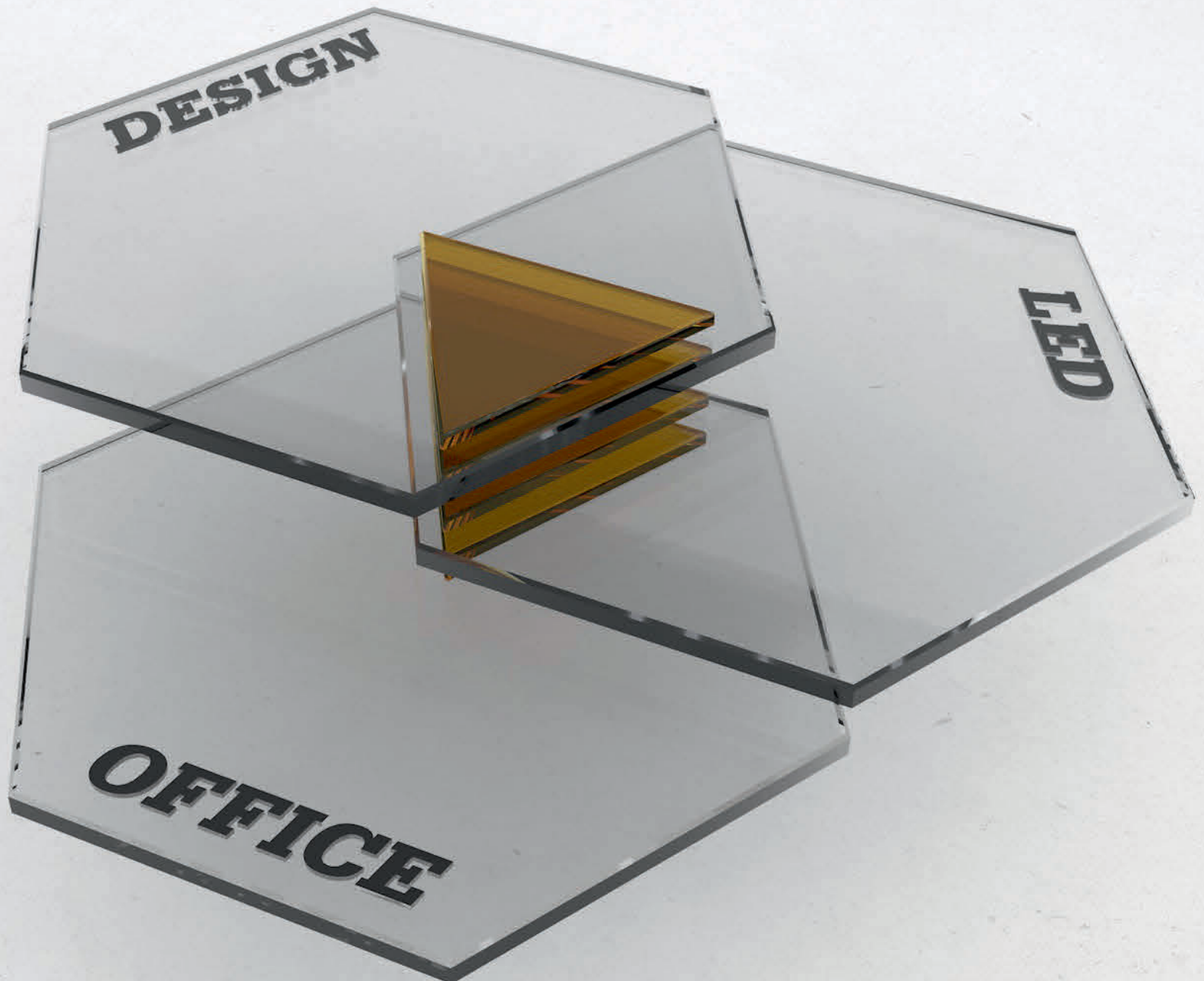
VAEDER BLACK STRUCTURE / WHITE



VAEDER SUSPENSION BLACK STRUCTURE / WHITE  
ATELIER BJORN VERLINDE, ROESELARE (BE)

## A CHALLENGING BRIEF

Vaeder is the result of a three-pillar directive imposed on the designer and engineers: create a Modular worthy design, integrate highly efficient technology and comply with the EN 12464-1 office standard. A challenging brief which led to the creation of a unique, high performance luminaire.



## Vaeder



### A HIGHLY RECOGNIZABLE SHAPE

When designing Vaeder, our R&D team once again drew inspiration from nature. Here, the honeycomb architecture was copied, yet improved, both visually and functionally, to increase the performance of the fixture. The combs themselves are slightly more rounded and deepened than in a bees' honeycomb. The hexagonal walls have been reshaped so that they connect seamlessly to the outer shell, whilst remaining recognizable.



### INFINITE SUSPENSE

In an office market, dominated by straight, clean lines, Vaeder's creative interplay of lines clearly reveals the hand of its designer, Gerd Couckhuyt: "For Vaeder, I created a blend of the age-old symbols for man ( $\wedge$ ) and woman ( $\vee$ ). You can see this on the face side of the fixture. They are embracing one another and at the same time, suspense is created between man/woman, and dominant/elegant. Together they produce a fixture that is infinite."



VAEDER, DRUPL 70  
HOWEST, KORTRIJK (BE)  
ARCHITECT ELS DENAEGHEL



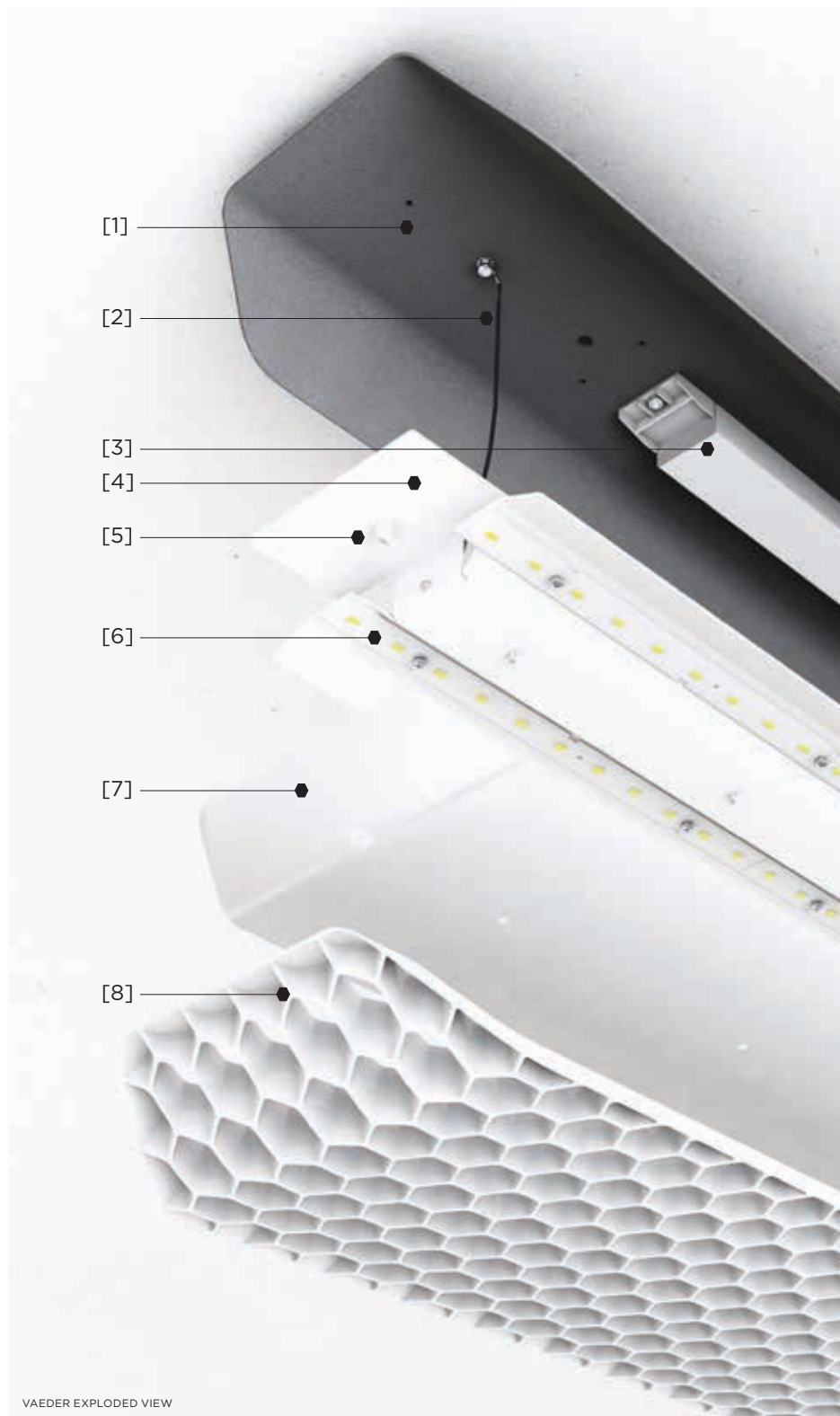
## Vaeder





## ENGINEERING DESIGN

- [1] **Shell** — Manufactured from a folded sheet of aluminium and finished off with a fine structured powdered painted low gloss.
- [2] **Safety cable** — Provides the necessary comfort during connection of the wires and installation.
- [3] **Gear** — Fixed on the outer shell and standard dimmable (1-10V/Pushdim/Dali).
- [4] **Reflector** — Made from aluminium and shaped to optimize the reflection of the LEDs.
- [5] **Retained panel screws** — Screws attached to the reflector cannot be lost during installation and are proof of Modular's engineering ingenuity.
- [6] **LED** — Vaeder uses high-efficiency power LEDs, known for their self-cooling capability. With a CRI 80 and selected colour temperature of 3000K and 4000K.
- [7] **Diffuser foil** — Enables a more equal light spread. Made of polycarbonate of 0.5 mm thick.
- [8] **Honeycomb** — Designed as an ABS injection moulded part and impact resistant. The wet painted finishing comes in black and white. The honeycomb connects seamlessly to the outer shell.



## Vaeder



VAEDER SUSPENSION BLACK STRUCTURE / WHITE  
OFFICE, KORTRIJK (BE)

### TECHNICAL FEATURES

*(for Vaeder with white honeycomb)*

—

**Luminous efficacy** — 74.5lm/W

**Luminaire flux** — 2681lm

**Power consumption** — 36W

**UGR** — 16

**CRI** — 80

**Light spread** — 65°

**Binning** — 3.5 SDCM

**Life cycle LED** — 50000h / L70

**Warranty** — 5 years

## UGR 16

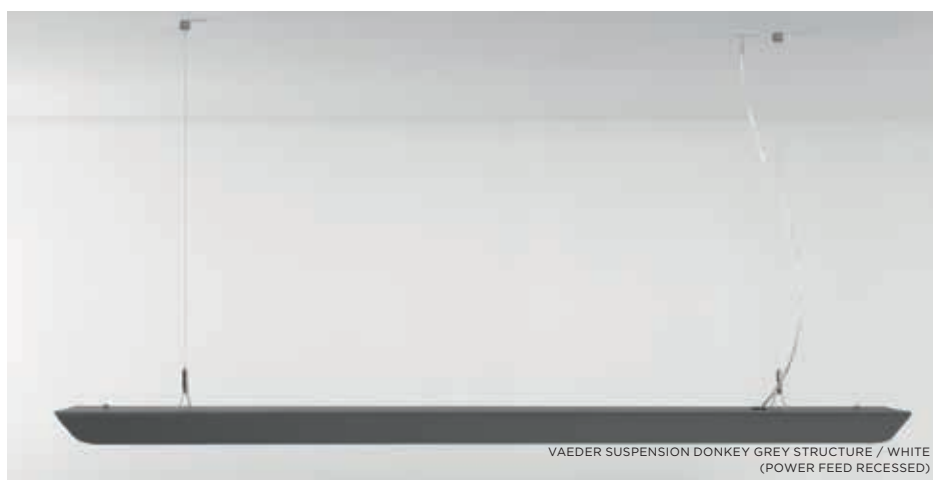
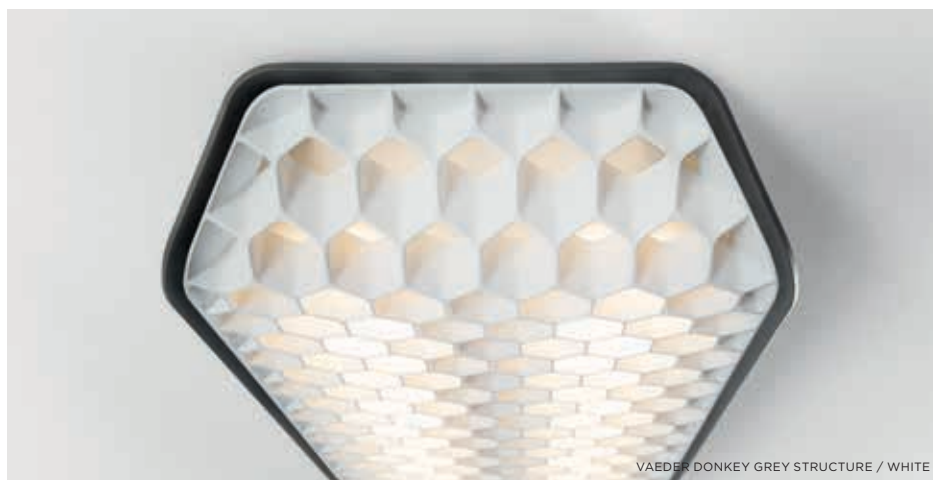
—  
Because of its unique design consisting of one LED source and three optical components, this luminaire provides bright and glare-free light with an optimum UGR value of 16. This makes Vaeder a perfect LED alternative to office luminaires with the traditional fluorescent T5/T8 lamps. With optimal results on light distribution, visual comfort and efficacy, this luminaire fully meets the EN 12464-1 office standard.



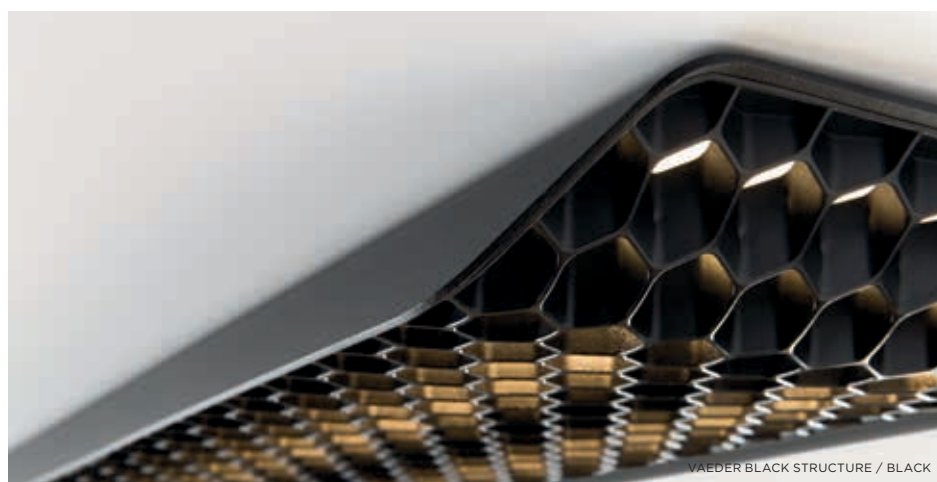
## Vaeder

### OTHERWORLDLY

Vaeder can be supplied either surface mounted or as a pendant. For surface mounting, it is positioned a small distance from the ceiling (6 mm), which gives it a lighter look, as if floating against the ceiling. In its pendant version, Vaeder's soft curves create a futuristic fixture that appears to be hovering out of another dimension. Using the power feed recessed suspension kit emphasizes the minimalistic look of the luminaire. For the sake of aesthetics, the suspension cylinders have been reduced in size (h 11 mm ø 16 mm). The fixture's suspension height can be modified using a new adjuster system.



## Vaeder



### COLOUR PALLETTE

—  
Vaeder is available with an outer shell in a white, black or donkey grey structure. The honeycomb is available in black or white.

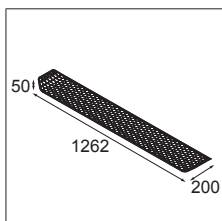
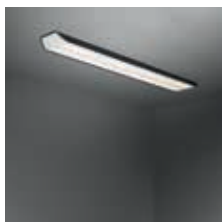
## Vaeder



VAEDER, DRUPL 70  
HOWEST, KORTRIJK (BE)  
ARCHITECT ELS DENAEGHEL

ECO LED GI

Vaeder LED GI



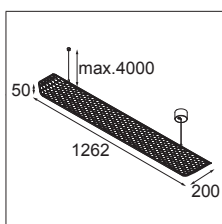
8X LED LINE INCL. 4W

DALI/PUSHDIM/1-10V	WARM WHITE 3000K / CRI80	NEUTRAL WHITE 4000K / CRI80
black struc - black	14080148	14080248
black struc - white	14080172	14080272
donkey grey struc - black	14080175	14080275
donkey grey struc - white	14080174	14080274
white struc - black	14080129	14080229
white struc - white	14080173	14080273

! LUMEN OUTPUT (FOR 3000K - WHITE HONEYCOMB) - 268lm

ECO LED GI

Vaeder suspension (power feed surface) LED GI



8X LED LINE INCL. 4W

DALI/PUSHDIM/1-10V	WARM WHITE 3000K / CRI80	NEUTRAL WHITE 4000K / CRI80
black struc - black	14081148	14081348
black struc - white	14081172	14081372
donkey grey struc - black	14081175	14081375
donkey grey struc - white	14081174	14081374
white struc - black	14081129	14081329
white struc - white	14081173	14081373

! LUMEN OUTPUT (FOR 3000K - WHITE HONEYCOMB) - 268lm

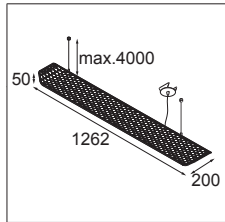
## Vaeder

ECO LED GI

Vaeder suspension (power feed recessed) LED GI



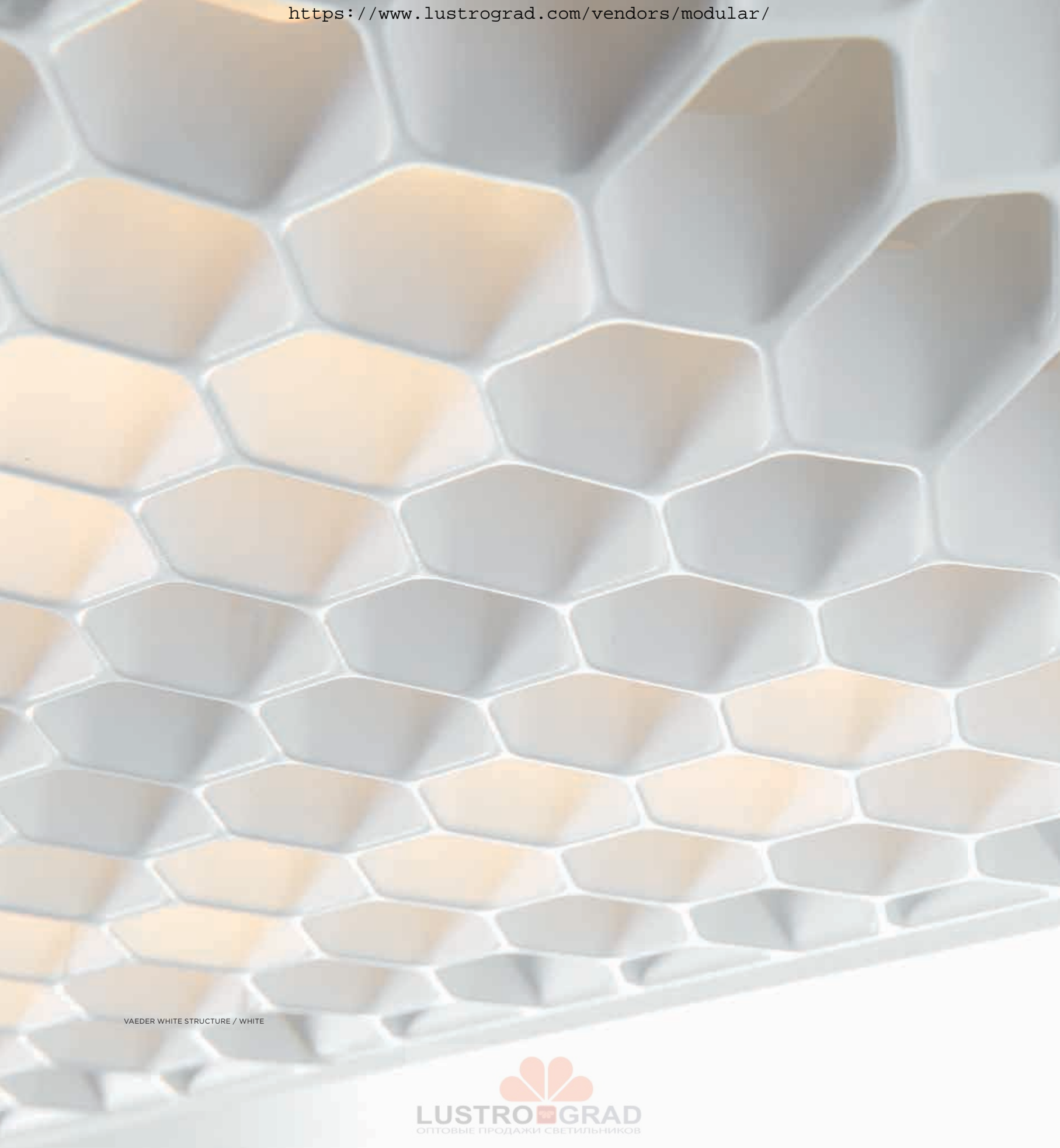
DALI/PUSHDIM/1-10V	WARM WHITE 3000K / CRI80	NEUTRAL WHITE 4000K / CRI80
black struc - black	14081248	14081448
black struc - white	14081272	14081472
donkey grey struc - black	14081275	14081475
donkey grey struc - white	14081274	14081474
white struc - black	14081229	14081429
white struc - white	14081273	14081473



8X LED LINE INCL. 4W

! LUMEN OUTPUT (FOR 3000K - WHITE HONEYCOMB) - 2681lm





VAEDER WHITE STRUCTURE / WHITE



# WINK ASY WINK

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## Recessed, yet remarkably playful

Wink may be recessed, and therefore discreet, but its technical ingenuity is nothing short of remarkable, so is its sense of humour. As its name suggests, it likes to wink at you.

The streamlined design, where elegance meets high-quality finish, results in a fixture that is half hidden in the ceiling and half peeking out. It has all the features to become a new Modular icon.

## Wink / Asy wink

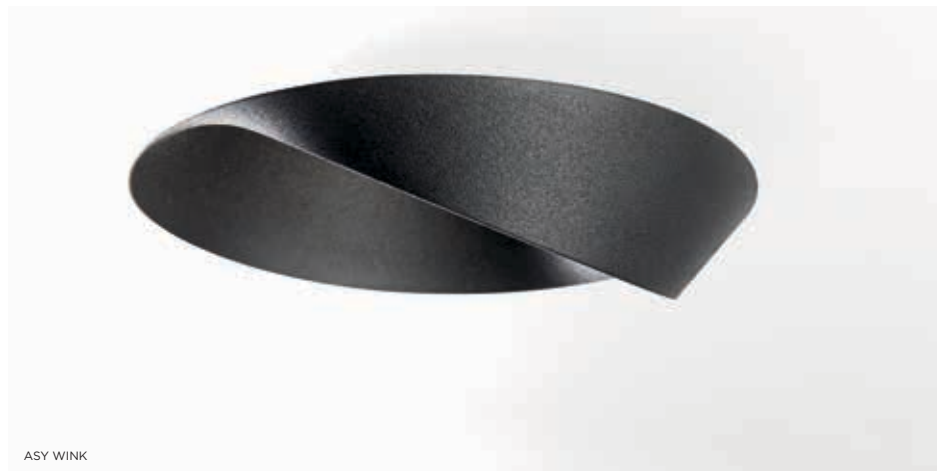


### FEMININE CURVES

Our new spotlight enlivens your interior. Its ambiguous design makes Wink stand out, even though it's hiding in the ceiling. The feminine curves have both sharp and soft lines. In turn, Wink shows the many facets of its playful appearance depending on your point of view. In essence Wink is like no other spotlight!

ASY WINK  
PRIVATE RESIDENCE, KAIN (BE)

## Wink / Asy wink



### REFINED FINISHING

Wink generates a symmetrical downwards facing beam of light. Asy wink, however, emits light asymmetrically. While both look the same, they create a completely different light effect. The asymmetrical light allows you to really emphasise objects on the wall.



## Wink / Asy wink



WINK

### UNIQUE LIGHT EFFECT

—  
With its symmetric or asymmetric lighting experience, Wink is perfect for any residential or hospitality project. Its identical design allows you to combine both versions, in order to create different lighting effects in the same room. This makes it a very versatile lighting solution. Wink comes in black or white structure finishing, different beam angles and different colour temperatures in order to meet the needs of all markets.



WINK

## Wink / Asy wink





ASY WINK

## Wink / Asy wink



WINK



Wink / Asy wink



WINK, ASY WINK  
SVILLA B&B, TURNHOUT (BE)

## Wink / Asy wink

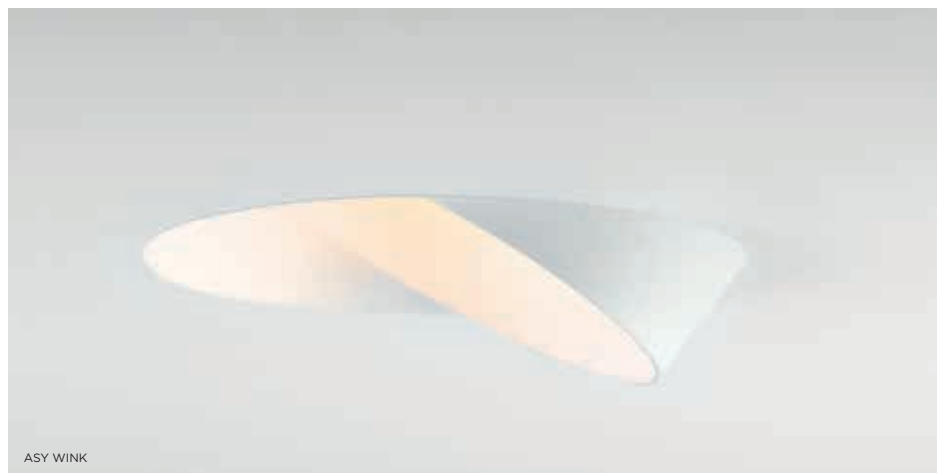


Wink / Asy wink



ASY WINK  
PRIVATE RESIDENCE, KAIN (BE)

## Asy wink



### SPREAD YOUR WINKS

Fitted with a lens, the elegant Asy wink spreads the light evenly on the wall in a horizontal and broad beam.

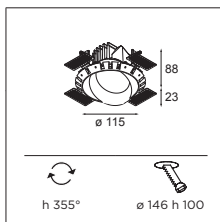
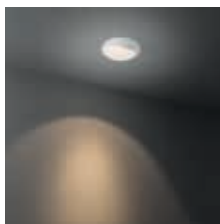
ACCESSORIES

ELECTRICAL - DRIVERS

SEE GOODIES SECTION

ECO LED GE

Asy wink 115 LED GE



1X LED ARRAY INCL. 16.2W

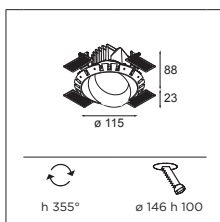
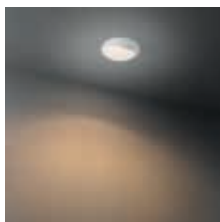
III 500mA IP54 GWT 960° 0.87KG ▲

	WARM WHITE 2700K / CRI90+			WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	13071032	13071332	13071632	13071132	13071432	13071732
white struc	13071009	13071309	13071609	13071109	13071409	13071709

! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC - GE)  
 350mA 893lm 11W  
 500mA 1177lm 16W  
 700mA 1477lm 23W  
 900mA 1692lm 31W  
 ! 3500K AND 4000K ON REQUEST

ECO LED GE

Asy wink 115 LED spreadlight GE



1X LED ARRAY INCL. 16.2W

III 500mA IP54 GWT 960° 0.86KG ▲

	WARM WHITE 2700K / CRI90+	WARM WHITE 3000K / CRI90+
black struc	13071932	13072032
white struc	13071909	13072009

! LUMEN OUTPUT (FOR 3000K - WHITE STRUC - GE)  
 350mA 791lm 11W  
 500mA 1042lm 16W  
 700mA 1307lm 23W  
 900mA 1498lm 31W  
 ! 3500K AND 4000K ON REQUEST

## Wink



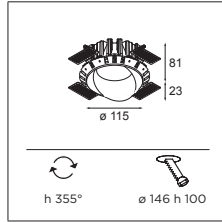
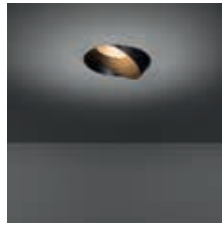
ACCESSORIES

ELECTRICAL - DRIVERS

SEE GOODIES SECTION

ECO LED GE

Wink 115 LED GE



1X LED ARRAY INCL. 16.2W



	WARM WHITE 2700K / CRI90+			WARM WHITE 3000K / CRI90+		
	SPOT 15°	MEDIUM 25°	FLOOD 40°	SPOT 15°	MEDIUM 25°	FLOOD 40°
black struc	13070032	13070332	13070632	13070132	13070432	13070732
white struc	13070009	13070309	13070609	13070109	13070409	13070709

! LUMEN OUTPUT (FOR 3000K - MEDIUM - WHITE STRUC - GE)  
 350mA 833lm 11W  
 500mA 1142lm 16W  
 700mA 1520lm 23W  
 900mA 1791lm 31W  
 ! 3500K AND 4000K ON REQUEST





# GOODIES

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

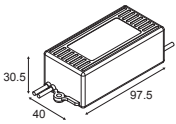

Driver matrix






Back-up unit

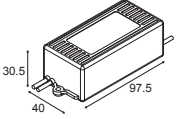

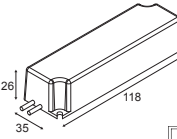

Index by article number


Index by product name

My Modular

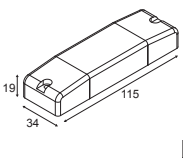
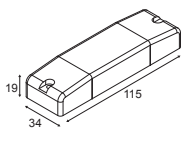
	 	 
<b>Reference</b>	<b>11389930</b>	<b>12402530</b>
<b>Dimensions (LxWxH)</b>	34x32x25	97.5x40x30.5
<b>Input</b>	100-240V 50/60Hz	90-240V 50/60Hz
<b>Ambient temperature</b>	-25°C to +50°C	-25°C to +60°C
<b>Power factor (max)</b>	0.57	0.45
<b>Dimming</b>	-	-
<b>Output</b>	<b>350mA / 1W</b> 2-6V DC	<b>350mA / 10.5W</b> 3-30V DC




Cake 48 IP55 LED GE	1	2-10 
Hipy 110 IP67 LED GE		1
Hipy 70 IP67 LED GE		3
Julien IP54 LED GE		3
Lotis 48 IP55 LED GE	1	2-10 
Marty LED GE	1	2-10 
Mini a(r)mor LED GE	1	2-10 
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	1	2-10 

	 	 
<b>Reference</b>	<b>12402930</b>	<b>10889930</b>
<b>Dimensions (LxWxH)</b>	97.5x40x30.5	118x35x26
<b>Input</b>	90-240V 50/60Hz	100-240V 50/60Hz
<b>Ambient temperature</b>	-25°C to +60°C	-30°C to +70°C
<b>Power factor (max)</b>	0.45	0.45
<b>Dimming</b>	-	-
<b>Output</b>	<b>500mA / 10W</b> 3-20V DC	<b>700mA / 20W</b> 9-30V DC

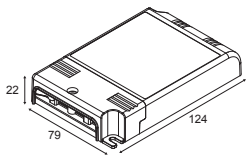





Cake 48 IP55 LED GE	2-6 	
Hipy 110 IP67 LED GE	1	1 
Hipy 70 IP67 LED GE		
Julien IP54 LED GE		
Lotis 48 IP55 LED GE	2-6 	
Marty LED GE		
Mini a(r)mor LED GE		
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	2-6 	

 driver does not fit through cutout hole of fixture

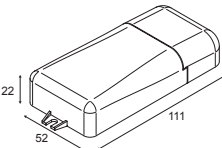




		
<b>Reference</b>	<b>12403730</b>	<b>12400730</b>
<b>Dimensions (LxWxH)</b>	115x34x19	115x34x19
<b>Input</b>	220-240V 50/60Hz	220-240V 50/60Hz
<b>Ambient temperature</b>	-25°C to +45°C	-25°C to +45°C
<b>Power factor (max)</b>	0.54	0.54
<b>Dimming</b>	-	-
<b>Max drivers on MCB 16A type B</b>	27	27
<b>Output</b>	<b>350mA / 15W</b> 1-43V DC	<b>500mA / 12W</b> 1-24V DC













Cake 48 IP55 LED GE	15	8
Chapeau 206 LED GE	2	1
Duell recessed 1x LED GE	2	1
Duell recessed 2x LED GE	1	
Ex-L low 158 LED GE	1	
Grib LED GE	4	
Hipy 110 IP67 LED GE	2 	1 
Hipy 70 IP67 LED GE	4 	
Intro 89 IP44 GE	2	1
Julien IP54 LED GE	4	
K-O 80 LED GE	2	1
K-1 89 LED GE	2	1
K72 IP54 LED GE	2	1
K77 adjustable LED GE	2	1
Kurk IP40 LED GE	2	1
Kurk surface IP40 LED GE	2	1
Lotis 48 IP55 LED GE	15	8
Lotis 82 (concrete) LED GE	2	1
Lotis 86 IP55 LED GE	2	1
Lotis 97 (concrete) adjustable LED GE	2	1
Lotis square (IP55) LED GE	2	1
Marcel 1x LED GE		
Marcel 2x LED GE		
Marcel 3x LED GE		
Marty LED GE	15	
Mini a(r)mor LED GE	15	
Mini multiple 1x LED GE	2	1
Mini multiple 2x LED GE	1	
Mini multiple 3x LED GE		
Mini multiple 4x LED GE		
M-LED 50 GE	2	1
M-LED 70 GE	2	1
M-LED 111 GE	1	
Nomad 111 2x LED GE		
Nomad 111 4x LED GE		
Nomad 70 2x LED GE	1	
Nomad 70 4x LED GE		
Rektor recessed LED GE	1	
Scotty 270 adjustable LED GE	1	
Scotty 270 LED GE	1	
Slide IP54 LED GE	2	1
Slide square clockwork LED GE	2	1
Slide square IP44 LED GE	2	1
Slide square LED GE	2	1
Slide twin LED GE	1	
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	15	8
Smart cake / kup / lotis 82 (IP54) LED GE	2	1
Smart cake / kup / lotis 115 adjustable LED GE	2	1
Smart cake / kup / lotis 115 (diffuse) (IP54) LED GE	1	
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE		
Stove LED GE	2	1
Thub metal 120 LED GE	2	1
(Asy) Wink 115 LED GE	1	

 driver does not fit through cutout hole of fixture

					
<b>Reference</b>	<b>12403430</b>				
<b>Dimensions (LxWxH)</b>	124x79x22				
<b>Input</b>	220-240V 50/60Hz				
<b>Ambient temperature</b>	-25°C to +45°C				
<b>Power factor (max)</b>	0.95				
<b>Dimming</b>	-				
<b>Max drivers on MCB 16A type B</b>	15				
<b>Output</b>	<b>350mA / 25W</b> 1-74V DC	<b>500mA / 35W</b> 1-72V DC	<b>700mA / 50W</b> 1-71V DC	<b>900mA / 50W</b> 1-55V DC	<b>1050mA / 50W</b> 1-48V DC
<b>DIP-switch setting</b>					

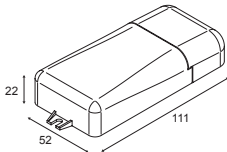

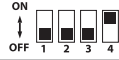














Cake 48 IP55 LED GE	26	25			
Chapeau 206 LED GE	3	3	3		
Duell recessed 1x LED GE	3	3			
Duell recessed 2x LED GE	1	1			
Ex-L low 158 LED GE	2	2	1	1	
Grib LED GE	7				
Hipy 110 IP67 LED GE	3	3	3		
Hipy 70 IP67 LED GE	7				
Intro 89 IP44 GE	3	3			
Julien IP54 LED GE	7				
K-O 80 LED GE	3	3			
K-1 89 LED GE	3	3			
K72 IP54 LED GE	4	3			
K77 adjustable LED GE	4	3			
Kurk IP40 LED GE	3	3	3		
Kurk surface IP40 LED GE	3	3	3		
Lotis 48 IP55 LED GE	26	25			
Lotis 82 (concrete) LED GE	3	3			
Lotis 86 IP55 LED GE	3	3			
Lotis 97 (concrete) adjustable LED GE	3	3			
Lotis square (IP55) LED GE	3	3			
Marcel 1x LED GE		2	2	1	1
Marcel 2x LED GE		1	1	1/2 *	1/2 *
Marcel 3x LED GE		1/2 *	1/2 *	1/3 **	1/3 **
Marty LED GE	26				
Mini a(r)mor LED GE	26				
Mini multiple 1x LED GE	3	3			
Mini multiple 2x LED GE	1	1			
Mini multiple 3x LED GE	1	1			
Mini multiple 4x LED GE					
M-LED 50 GE	4	3			
M-LED 70 GE	4	3			
M-LED 111 GE	2	2	2	1	
Nomad 111 2x LED GE	1	1	1		
Nomad 111 4x LED GE	1/2 *	1/2 *	1/2 *		
Nomad 70 2x LED GE	1	1			
Nomad 70 4x LED GE	1/2 *	1/2 *			
Rektor recessed LED GE	2	2			
Scotty 270 adjustable LED GE	1				
Scotty 270 LED GE	1	1			
Slide IP54 LED GE	4	3			
Slide square clockwork LED GE	3	3			
Slide square IP44 LED GE	3	3			
Slide square LED GE	3	3			
Slide twin LED GE	1				
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	26	25			
Smart cake / kup / lotis 82 (IP54) LED GE	3	3			
Smart cake / kup / lotis 115 adjustable LED GE	3	3			
Smart cake / kup / lotis 115 (diffuse) (IP54) LED GE	2	2	2	1	
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE		2	2	1	1
Stove LED GE	3	3	3		
Thub metal 120 LED GE	3	3			
(Asy) Wink 115 LED GE	2	2	2	1	

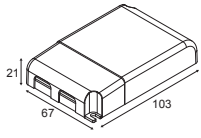

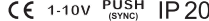



			
	 CE 1-10V PUSH IP 20		
<b>Reference</b>	<b>12403830</b>		
<b>Dimensions (LxWxH)</b>	111x52x22		
<b>Input</b>	220-240V 50/60Hz		
<b>Ambient temperature</b>	-25°C to +50°C		
<b>Power factor (max)</b>	0.95		
<b>Dimming</b>	1-10V/PUSH DIM		
<b>Max drivers on MCB 16A type B</b>	50		
<b>Output</b>	<b>350mA / 15W</b> 1-43V DC	<b>500mA / 20W</b> 1-43V DC	<b>700mA / 20W</b> 1-36V DC
<b>DIP-switch setting</b>			

Cake 48 IP55 LED GE	15 	14 	
Chapeau 206 LED GE	2	1	1
Duell recessed 1x LED GE	2	1	
Duell recessed 2x LED GE	1		
Ex-L low 158 LED GE	1	1	
Grib LED GE	4		
Hipy 110 IP67 LED GE	2 	1 	1 
Hipy 70 IP67 LED GE	4 		
Intro 89 IP44 GE	2	1	
Julien IP54 LED GE	4		
K-O 80 LED GE	2	1	
K-1 89 LED GE	2	1	
K72 IP54 LED GE	2	2	
K77 adjustable LED GE	2	2	
Kurk IP40 LED GE	2	1	1
Kurk surface IP40 LED GE	2	1	1
Lotis 48 IP55 LED GE	15 	14 	
Lotis 82 (concrete) LED GE	2	1	
Lotis 86 IP55 LED GE	2	1	
Lotis 97 (concrete) adjustable LED GE	2	1	
Lotis square (IP55) LED GE	2	1	
Marcel 1x LED GE		1	
Marcel 2x LED GE		½ *	
Marcel 3x LED GE		⅓ **	
Marty LED GE	15 		
Mini a(r)mor LED GE	15 		
Mini multiple 1x LED GE	2	1	
Mini multiple 2x LED GE	1		
Mini multiple 3x LED GE			
Mini multiple 4x LED GE			
M-LED 50 GE	2	2	
M-LED 70 GE	2	2	
M-LED 111 GE	1	1	
Nomad 111 2x LED GE			
Nomad 111 4x LED GE			
Nomad 70 2x LED GE	1		
Nomad 70 4x LED GE	½ *		
Rektor recessed LED GE	1	1	
Scotty 270 adjustable LED GE			
Scotty 270 LED GE			
Slide IP54 LED GE	2	2	
Slide square clockwork LED GE	2	1	
Slide square IP44 LED GE	2	1	
Slide square LED GE	2	1	
Slide twin LED GE	1		
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	15 	14 	
Smart cake / kup / lotis 82 (IP54) LED GE	2	1	
Smart cake / kup / lotis 115 adjustable LED GE	2	1	
Smart cake / kup / lotis 115 (diffuse) (IP54) LED GE	1	1	
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE		1	
Stove LED GE	2	1	1
Thub metal 120 LED GE	2	1	
(Asy) Wink 115 LED GE	1	1	

 driver does not fit through cutout hole of fixture

\* requires 2 drivers      \*\* requires 3 drivers

	 		
<b>Reference</b>	<b>12403930</b>		
<b>Dimensions (LxWxH)</b>	111x52x22		
<b>Input</b>	220-240V 50/60Hz		
<b>Ambient temperature</b>	-25°C to +50°C		
<b>Power factor (max)</b>	0.92		
<b>Dimming</b>	DALI		
<b>Max drivers on MCB 16A type B</b>	50		
<b>Output</b>	<b>350mA / 15W</b> 1-43V DC	<b>500mA / 20W</b> 1-40V DC	<b>700mA / 20W</b> 1-28V DC
<b>DIP-switch setting</b>			
Cake 48 IP55 LED GE	15 	14 	
Chapeau 206 LED GE	2	1	1
Duell recessed 1x LED GE	2	1	
Duell recessed 2x LED GE	1		
Ex-L low 158 LED GE	1	1	
Grib LED GE	4		
Hipy 110 IP67 LED GE	2 	1 	1 
Hipy 70 IP67 LED GE	4 		
Intro 89 IP44 GE	2	1	
Julien IP54 LED GE	4		
K-O 80 LED GE	2	1	
K-1 89 LED GE	2	1	
K72 IP54 LED GE	2	2	
K77 adjustable LED GE	2	2	
Kurk IP40 LED GE	2	1	1
Kurk surface IP40 LED GE	2	1	1
Lotis 48 IP55 LED GE	15 	14 	
Lotis 82 (concrete) LED GE	2	1	
Lotis 86 IP55 LED GE	2	1	
Lotis 97 (concrete) adjustable LED GE	2	1	
Lotis square (IP55) LED GE	2	1	
Marcel 1x LED GE		1	
Marcel 2x LED GE		1/2 *	
Marcel 3x LED GE		1/3 **	
Marty LED GE	15 		
Mini a(r)mor LED GE	15 		
Mini multiple 1x LED GE	2	1	
Mini multiple 2x LED GE	1		
Mini multiple 3x LED GE			
Mini multiple 4x LED GE			
M-LED 50 GE	2	2	
M-LED 70 GE	2	2	
M-LED 111 GE	1	1	
Nomad 111 2x LED GE			
Nomad 111 4x LED GE			
Nomad 70 2x LED GE	1		
Nomad 70 4x LED GE	1/2 *		
Rektor recessed LED GE	1	1	
Scotty 270 adjustable LED GE			
Scotty 270 LED GE			
Slide IP54 LED GE	2	2	
Slide square clockwork LED GE	2	1	
Slide square IP44 LED GE	2	1	
Slide square LED GE	2	1	
Slide twin LED GE	1		
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	15 	14 	
Smart cake / kup / lotis 82 (IP54) LED GE	2	1	
Smart cake / kup / lotis 115 adjustable LED GE	2	1	
Smart cake / kup / lotis 115 (diffuse) (IP54) LED GE	1	1	
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE		1	
Stove LED GE	2	1	1
Thub metal 120 LED GE	2	1	
(Asy) Wink 115 LED GE	1	1	

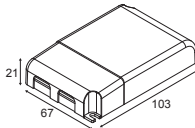





			
	 		
<b>Reference</b>	<b>12403630</b>		
<b>Dimensions (LxWxH)</b>	103x67x21		
<b>Input</b>	220-240V 50/60Hz		
<b>Ambient temperature</b>	-25°C to +50°C		
<b>Power factor (max)</b>	0.98		
<b>Dimming</b>	1-10V/PUSH DIM (push dim: optional sync cable 12400100)		
<b>Max drivers on MCB 16A type B</b>	15		
<b>Output</b>	<b>350mA / 15W</b> 1-43V DC	<b>500mA / 22W</b> 1-43V DC	<b>700mA / 25W</b> 1-36V DC
<b>DIP-switch setting</b>			

Cake 48 IP55 LED GE	15	⚠	15	⚠	
Chapeau 206 LED GE	2		2		1
Duell recessed 1x LED GE	2		2		
Duell recessed 2x LED GE	1		1		
Ex-L low 158 LED GE	1		1		
Grib LED GE	4				
Hipy 110 IP67 LED GE	2	⚠	2	⚠	1
Hipy 70 IP67 LED GE	4	⚠			
Intro 89 IP44 GE	2		2		
Julien IP54 LED GE	4				
K-O 80 LED GE	2		2		
K-1 89 LED GE	2		2		
K72 IP54 LED GE	2	⚠	2	⚠	
K77 adjustable LED GE	2		2		
Kurk IP40 LED GE	2		2		1
Kurk surface IP40 LED GE	2		2		1
Lotis 48 IP55 LED GE	15	⚠	15	⚠	
Lotis 82 (concrete) LED GE	2		2		
Lotis 86 IP55 LED GE	2		2		
Lotis 97 (concrete) adjustable LED GE	2		2		
Lotis square (IP55) LED GE	2		2		
Marcel 1x LED GE			1		1
Marcel 2x LED GE			½ *		½ *
Marcel 3x LED GE			⅓ **		⅓ **
Marty LED GE	15	⚠			
Mini a(r)mor LED GE	15	⚠			
Mini multiple 1x LED GE	2		2		
Mini multiple 2x LED GE	1		1		
Mini multiple 3x LED GE					
Mini multiple 4x LED GE					
M-LED 50 GE	2		2		
M-LED 70 GE	2		2		
M-LED 111 GE	1		1		1
Nomad 111 2x LED GE					
Nomad 111 4x LED GE					
Nomad 70 2x LED GE	1		1		
Nomad 70 4x LED GE	½ *		½ *		
Rektor recessed LED GE	1	⚠	1	⚠	
Scotty 270 adjustable LED GE	1				
Scotty 270 LED GE	1		1		
Slide IP54 LED GE	2		2		
Slide square clockwork LED GE	2		2		
Slide square IP44 LED GE	2		2		
Slide square LED GE	2		2		
Slide twin LED GE	1		1		
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	15	⚠	15	⚠	
Smart cake / kup / lotis 82 (IP54) LED GE	2		2		
Smart cake / kup / lotis 115 adjustable LED GE	2		2		
Smart cake / kup / lotis 115 (diffuse) (IP54) LED GE	1		1		1
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE			1		1
Stove LED GE	2		2		1
Thub metal 120 LED GE	2		2		
(Asy) Wink 115 LED GE	1		1		1

⚠ driver does not fit through cutout hole of fixture

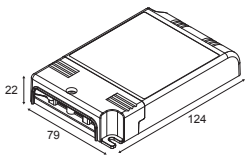



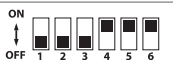

\* requires 2 drivers

\*\* requires 3 drivers

			
	 		
<b>Reference</b>	<b>12403230</b>		
<b>Dimensions (LxWxH)</b>	103x67x21		
<b>Input</b>	220-240V 50/60Hz		
<b>Ambient temperature</b>	-25°C to +50°C		
<b>Power factor (max)</b>	0.98		
<b>Dimming</b>	DALI		
<b>Max drivers on MCB 16A type B</b>	50		
<b>Output</b>	<b>350mA / 15W</b> 1-47V DC	<b>500mA / 24W</b> 1-47V DC	<b>700mA / 32W</b> 1-46V DC
<b>DIP-switch setting</b>			

Cake 48 IP55 LED GE	15	▲	17	▲
Chapeau 206 LED GE	2		2	
Duell recessed 1x LED GE	2		2	2
Duell recessed 2x LED GE	1		1	
Ex-L low 158 LED GE	1		1	1
Grib LED GE	4			
Hipy 110 IP67 LED GE	2	▲	2	▲
Hipy 70 IP67 LED GE	4	▲		
Intro 89 IP44 GE	2		2	
Julien IP54 LED GE	4			
K-O 80 LED GE	2		2	
K-1 89 LED GE	2		2	
K72 IP54 LED GE	2	▲	2	▲
K77 adjustable LED GE	2		2	
Kurk IP40 LED GE	2		2	2
Kurk surface IP40 LED GE	2		2	2
Lotis 48 IP55 LED GE	15	▲	17	▲
Lotis 82 (concrete) LED GE	2		2	
Lotis 86 IP55 LED GE	2		2	
Lotis 97 (concrete) adjustable LED GE	2		2	
Lotis square (IP55) LED GE	2		2	
Marcel 1x LED GE			1	1
Marcel 2x LED GE			1/2 *	1/2 *
Marcel 3x LED GE			1/3 **	1/3 **
Marty LED GE	15	▲		
Mini a(r)mor LED GE	15	▲		
Mini multiple 1x LED GE	2		2	
Mini multiple 2x LED GE	1		1	
Mini multiple 3x LED GE				
Mini multiple 4x LED GE				
M-LED 50 GE	2		2	
M-LED 70 GE	2		2	
M-LED 111 GE	1		1	1
Nomad 111 2x LED GE				
Nomad 111 4x LED GE				
Nomad 70 2x LED GE	1		1	
Nomad 70 4x LED GE	1/2 *		1/2 *	
Rektor recessed LED GE	1	▲	1	▲
Scotty 270 adjustable LED GE	1			
Scotty 270 LED GE	1		1	
Slide IP54 LED GE	2		2	
Slide square clockwork LED GE	2		2	
Slide square IP44 LED GE	2		2	
Slide square LED GE	2		2	
Slide twin LED GE	1		1	
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	15	▲	17	▲
Smart cake / kup / lotis 82 (IP54) LED GE	2		2	
Smart cake / kup / lotis 115 adjustable LED GE	2		2	
Smart cake / kup / lotis 115 (diffuse) (IP54) LED GE	1		1	1
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE			1	1
Stove LED GE	2		2	2
Thub metal 120 LED GE	2		2	
(Asy) Wink 115 LED GE	1		1	1



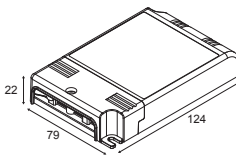
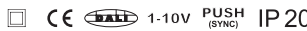



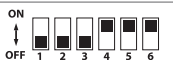

					
<b>Reference</b>	<b>12403530</b>				
<b>Dimensions (LxWxH)</b>	124x79x22				
<b>Input</b>	220-240V 50/60Hz				
<b>Ambient temperature</b>	-25°C to +45°C				
<b>Power factor (max)</b>	0.95				
<b>Dimming</b>	1-10V/PUSH DIM (push dim: optional sync cable 12400100)				
<b>Max drivers on MCB 16A type B</b>	15				
<b>Output</b>	<b>350mA / 25W</b> 1-74V DC	<b>500mA / 35W</b> 1-72V DC	<b>700mA / 50W</b> 1-71V DC	<b>900mA / 50W</b> 1-55V DC	<b>1050mA / 50W</b> 1-48V DC
<b>DIP-switch setting</b>					

Cake 48 IP55 LED GE	26	25			
Chapeau 206 LED GE	3	3	3		
Duell recessed 1x LED GE	3	3			
Duell recessed 2x LED GE	1	1			
Ex-L low 158 LED GE	2	2	1	1	
Grib LED GE	7				
Hipy 110 IP67 LED GE	3	3	3		
Hipy 70 IP67 LED GE	7				
Intro 89 IP44 GE	3	3			
Julien IP54 LED GE	7				
K-O 80 LED GE	3	3			
K-1 89 LED GE	3	3			
K72 IP54 LED GE	4	3			
K77 adjustable LED GE	4	3			
Kurk IP40 LED GE	3	3	3		
Kurk surface IP40 LED GE	3	3	3		
Lotis 48 IP55 LED GE	26	25			
Lotis 82 (concrete) LED GE	3	3			
Lotis 86 IP55 LED GE	3	3			
Lotis 97 (concrete) adjustable LED GE	3	3			
Lotis square (IP55) LED GE	3	3			
Marcel 1x LED GE		2		1	1
Marcel 2x LED GE		1	1	1/2 *	1/2 *
Marcel 3x LED GE		1/2 *	1/2 *	1/5 **	1/5 **
Marty LED GE	26				
Mini a(r)mor LED GE	26				
Mini multiple 1x LED GE	3	3			
Mini multiple 2x LED GE	1	1			
Mini multiple 3x LED GE	1	1			
Mini multiple 4x LED GE					
M-LED 50 GE	4	3			
M-LED 70 GE	4	3			
M-LED 111 GE	2	2	2	1	
Nomad 111 2x LED GE	1	1	1		
Nomad 111 4x LED GE	1/2 *	1/2 *	1/2 *		
Nomad 70 2x LED GE	1	1			
Nomad 70 4x LED GE	1/2 *	1/2 *			
Rektor recessed LED GE	2	2			
Scotty 270 adjustable LED GE	1				
Scotty 270 LED GE	1	1			
Slide IP54 LED GE	4	3			
Slide square clockwork LED GE	3	3			
Slide square IP44 LED GE	3	3			
Slide square LED GE	3	3			
Slide twin LED GE	1	1			
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	26	25			
Smart cake / kup / lotis 82 (IP54) LED GE	3	3			
Smart cake / kup / lotis 115 adjustable LED GE	3	3			
Smart cake / kup / lotis 115 (diffuse) (IP54) LED GE	2	2	2	1	
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE		2	2	1	1
Stove LED GE	3	3	3		
Thub metal 120 LED GE	3	3			
(Asy) Wink 115 LED GE	2	2	2	1	

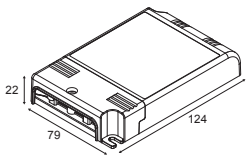

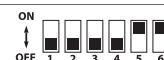

⚠ driver does not fit through cutout hole of fixture

































\* requires 2 drivers

\*\* requires 3 drivers

	 				
<b>Reference</b>	<b>12400530</b>				
<b>Dimensions (LxWxH)</b>	124x79x22				
<b>Input</b>	220-240V 50/60Hz				
<b>Ambient temperature</b>	-25°C to +45°C				
<b>Power factor (max)</b>	0.95				
<b>Dimming</b>	DALI/1-10V/PUSH DIM (push dim: optional sync cable 12400100)				
<b>Max drivers on MCB 16A type B</b>	15				
<b>Output</b>	<b>350mA / 25W</b> 1-74V DC	<b>500mA / 35W</b> 1-72V DC	<b>700mA / 50W</b> 1-71V DC	<b>900mA / 50W</b> 1-55V DC	<b>1050mA / 50W</b> 1-48V DC
<b>DIP-switch setting</b>					

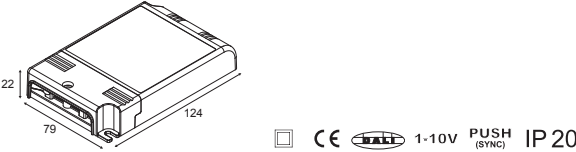



Cake 48 IP55 LED GE	26	25			
Chapeau 206 LED GE	3	3	3		
Duell recessed 1x LED GE	3	3			
Duell recessed 2x LED GE	1	1			
Ex-L low 158 LED GE	2	2	1	1	
Grib LED GE	7				
Hipy 110 IP67 LED GE	3	3	3		
Hipy 70 IP67 LED GE	7				
Intro 89 IP44 GE	3	3			
Julien IP54 LED GE	7				
K-O 80 LED GE	3	3			
K-1 89 LED GE	3	3			
K72 IP54 LED GE	4	3			
K77 adjustable LED GE	4	3			
Kurk IP40 LED GE	3	3	3		
Kurk surface IP40 LED GE	3	3	3		
Lotis 48 IP55 LED GE	26	25			
Lotis 82 (concrete) LED GE	3	3			
Lotis 86 IP55 LED GE	3	3			
Lotis 97 (concrete) adjustable LED GE	3	3			
Lotis square (IP55) LED GE	3	3			
Marcel 1x LED GE		2	2	2	1
Marcel 2x LED GE		1	1	1/2 *	1/2 *
Marcel 3x LED GE		1/2 *	1/2 *	1/3 **	1/3 **
Marty LED GE	26				
Mini a(r)mor LED GE	26				
Mini multiple 1x LED GE	3	3			
Mini multiple 2x LED GE	1	1			
Mini multiple 3x LED GE	1	1			
Mini multiple 4x LED GE					
M-LED 50 GE	4	3			
M-LED 70 GE	4	3			
M-LED 111 GE	2	2	2	1	
Nomad 111 2x LED GE	1	1	1		
Nomad 111 4x LED GE	1/2 *	1/2 *	1/2 *		
Nomad 70 2x LED GE	1	1			
Nomad 70 4x LED GE	1/2 *	1/2 *			
Rektor recessed LED GE	2	2			
Scotty 270 adjustable LED GE	1				
Scotty 270 LED GE	1	1			
Slide IP54 LED GE	2	2			
Slide square clockwork LED GE	3	3			
Slide square IP44 LED GE	3	3			
Slide square LED GE	3	3			
Slide twin LED GE	1	1			
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	26	25			
Smart cake / kup / lotis 82 (IP54) LED GE	3	3			
Smart cake / kup / lotis 115 adjustable LED GE	3	3			
Smart cake / kup / lotis 115 (diffuse) (IP54) LED GE	2		2	1	
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE		2	2	1	1
Stove LED GE	3	3	3		
Thub metal 120 LED GE	3	3			
(Asy) Wink 115 LED GE	2	2	2	1	





































			
<b>Reference</b>	<b>12400430</b>		
<b>Dimensions (LxWxH)</b>	124x79x22		
<b>Input</b>	220-240V 50/60Hz		
<b>Ambient temperature</b>	-25°C to +50°C		
<b>Power factor (max)</b>	0.95		
<b>Dimming</b>	1-10V/PUSH DIM (push dim: optional sync cable 12400100)		
<b>Max drivers on MCB 16A type B</b>	15		
<b>Output</b>	<b>350mA / 40W</b> 1-112V DC	<b>500mA / 50W</b> 1-100V DC	<b>700mA / 50W</b> 1-70V DC
<b>DIP-switch setting</b>			

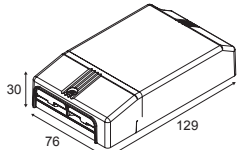
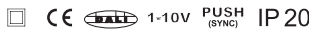



Cake 48 IP55 LED GE	37 	33 	
Chapeau 206 LED GE	5	4	3
Duell recessed 1x LED GE	5	4	
Duell recessed 2x LED GE	2	2	
Ex-L low 158 LED GE	3	2	1
Grib LED GE	11		
Hipy 110 IP67 LED GE	5 	4 	3 
Hipy 70 IP67 LED GE	11 		
Intro 89 IP44 GE	5 	4 	
Julien IP54 LED GE	11		
K-O 80 LED GE	5 	4 	
K-1 89 LED GE	5 	4 	
K72 IP54 LED GE	6 	5 	
K77 adjustable LED GE	6 	5 	
Kurk IP40 LED GE	5	4	3
Kurk surface IP40 LED GE	5	4	3
Lotis 48 IP55 LED GE	37 	33 	
Lotis 82 (concrete) LED GE	5 	4 	
Lotis 86 IP55 LED GE	5 	4 	
Lotis 97 (concrete) adjustable LED GE	5	4	
Lotis square (IP55) LED GE	5 	4 	
Marcel 1x LED GE		3	2
Marcel 2x LED GE		1	1
Marcel 3x LED GE		1	1/3 **
Marty LED GE	37 		
Mini a(r)mor LED GE	37 		
Mini multiple 1x LED GE	5	4	
Mini multiple 2x LED GE	2	2	
Mini multiple 3x LED GE	1	1	
Mini multiple 4x LED GE	1	1	
M-LED 50 GE	6	5	
M-LED 70 GE	6	5	
M-LED 111 GE	3	3	2
Nomad 111 2x LED GE	1	1	1
Nomad 111 4x LED GE	1/2 *	1/2 *	1/2 *
Nomad 70 2x LED GE	2		
Nomad 70 4x LED GE	1	1	
Rektor recessed LED GE	3 	3 	
Scotty 270 adjustable LED GE	2		
Scotty 270 LED GE	1	1	
Slide IP54 LED GE	6	5	3
Slide square clockwork LED GE	5	4	
Slide square IP44 LED GE	5	4	
Slide square LED GE	5	4	
Slide twin LED GE	2		
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	37 	33 	
Smart cake / kup / lotis 82 (IP54) LED GE	5 	4 	
Smart cake / kup / lotis 115 adjustable LED GE	5	4	
Smart cake / kup / lotis 115 (diffuse) (IP54) LED GE	3	3	2
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE		3	2
Stove LED GE	5	4	3
Thub metal 120 LED GE	5	4	
(Asy) Wink 115 LED GE	3	3	2

 driver does not fit through cutout hole of fixture

\* requires 2 drivers      \*\* requires 3 drivers

			
<b>Reference</b>	<b>12404530</b>		
<b>Dimensions (LxWxH)</b>	124x79x22		
<b>Input</b>	220-240V 50/60Hz		
<b>Ambient temperature</b>	-25°C to +50°C		
<b>Power factor (max)</b>	0.95		
<b>Dimming</b>	DALI/1-10V/PUSH DIM (push dim: optional sync cable 12400100)		
<b>Max drivers on MCB 16A type B</b>	15		
<b>Output</b>	<b>350mA / 40W</b> 1-112V DC	<b>500mA / 50W</b> 1-100V DC	<b>700mA / 50W</b> 1-70V DC
<b>DIP-switch setting</b>			

Cake 48 IP55 LED GE	41 	36 	
Chapeau 206 LED GE	5	4	3
Duell recessed 1x LED GE	5	4	
Duell recessed 2x LED GE	2	2	
Ex-L low 158 LED GE	3	2	1
Grib LED GE	11		
Hipy 110 IP67 LED GE	5 	4 	3 
Hipy 70 IP67 LED GE	11 		
Intro 89 IP44 GE	5 	4 	
Julien IP54 LED GE	11		
K-O 80 LED GE	5 	4 	
K-1 89 LED GE	5 	4 	
K72 IP54 LED GE	6 	5 	
K77 adjustable LED GE	6 	5 	
Kurk IP40 LED GE	5	4	3
Kurk surface IP40 LED GE	5	4	3
Lotis 48 IP55 LED GE	41 	36 	
Lotis 82 (concrete) LED GE	5 	4 	
Lotis 86 IP55 LED GE	5 	4 	
Lotis 97 (concrete) adjustable LED GE	5	4	
Lotis square (IP55) LED GE	5 	4 	
Marcel 1x LED GE		3	2
Marcel 2x LED GE		1	1
Marcel 3x LED GE		1	
Marty LED GE	41 		
Mini a(r)mor LED GE	41 		
Mini multiple 1x LED GE	5	4	
Mini multiple 2x LED GE	2	2	
Mini multiple 3x LED GE	1	1	
Mini multiple 4x LED GE	1	1	
M-LED 50 GE	6 	5 	
M-LED 70 GE	6 	5 	
M-LED 111 GE	3	3	2
Nomad 111 2x LED GE	1	1	1
Nomad 111 4x LED GE	1/2 *	1/2 *	1/2 *
Nomad 70 2x LED GE	2	2	
Nomad 70 4x LED GE	1	1	
Rektor recessed LED GE	3 	3 	
Scotty 270 adjustable LED GE	2		
Scotty 270 LED GE	2	2	
Slide IP54 LED GE	6	5	
Slide square clockwork LED GE	5	4	
Slide square IP44 LED GE	5	4	
Slide square LED GE	5	4	
Slide twin LED GE	2		
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	41 	36 	
Smart cake / kup / lotis 82 (IP54) LED GE	5 	4 	
Smart cake / kup / lotis 115 adjustable LED GE	5	4	
Smart cake / kup / lotis 115 (diffuse) (IP54) LED GE	3		2
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE		3	2
Stove LED GE	5	4	3
Thub metal 120 LED GE	5	4	
(Asy) Wink 115 LED GE	3	3	2

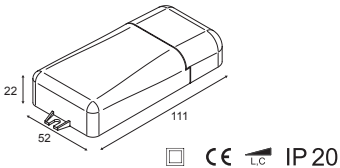
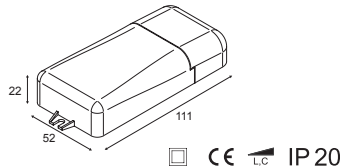
	 		
<b>Reference</b>	<b>12404030</b>		
<b>Dimensions (LxWxH)</b>	129x76x30		
<b>Input</b>	220-240V 50/60Hz		
<b>Ambient temperature</b>	-25°C to +50°C		
<b>Power factor (max)</b>	0.95		
<b>Dimming</b>	DALI/1-10V/PUSH DIM (push dim: optional sync cable 12400100)		
<b>Max drivers on MCB 16A type B</b>	15		
<b>Output</b>	<b>1050mA / 45W</b> 1-44V DC	<b>1400mA / 55W</b> 1-39V DC	<b>1600mA / 55W</b> 1-35V DC
<b>DIP-switch setting</b>			





































Cake 48 IP55 LED GE			
Chapeau 206 LED GE			
Duell recessed 1x LED GE			
Duell recessed 2x LED GE			
Ex-L low 158 LED GE			
Grib LED GE			
Hipy 110 IP67 LED GE			
Hipy 70 IP67 LED GE			
Intro 89 IP44 GE			
Julien IP54 LED GE			
K-O 80 LED GE			
K-1 89 LED GE			
K72 IP54 LED GE			
K77 adjustable LED GE			
Kurk IP40 LED GE			
Kurk surface IP40 LED GE			
Lotis 48 IP55 LED GE			
Lotis 82 (concrete) LED GE			
Lotis 86 IP55 LED GE			
Lotis 97 (concrete) adjustable LED GE			
Lotis square (IP55) LED GE			
Marcel 1x LED GE		1	
Marcel 2x LED GE		½ *	
Marcel 3x LED GE		⅓ **	
Marty LED GE			
Mini a(r)mor LED GE			
Mini multiple 1x LED GE			
Mini multiple 2x LED GE			
Mini multiple 3x LED GE			
Mini multiple 4x LED GE			
M-LED 50 GE			
M-LED 70 GE			
M-LED 111 GE			
Nomad 111 2x LED GE			
Nomad 111 4x LED GE			
Nomad 70 2x LED GE			
Nomad 70 4x LED GE			
Rektor recessed LED GE			
Scotty 270 adjustable LED GE			
Scotty 270 LED GE			
Slide IP54 LED GE			
Slide square clockwork LED GE			
Slide square IP44 LED GE			
Slide square LED GE			
Slide twin LED GE			
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE			
Smart cake / kup / lotis 82 (IP54) LED GE			
Smart cake / kup / lotis 115 adjustable LED GE			
Smart cake / kup / lotis 115 (diffuse) (IP54) LED GE			
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE	1	1	1
Stove LED GE			
Thub metal 120 LED GE			
(Asy) Wink 115 LED GE			



⚠ driver does not fit through cutout hole of fixture

\* requires 2 drivers

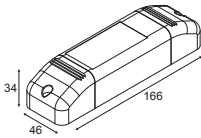






\*\* requires 3 drivers

		
<b>Reference</b>	<b>12404230</b>	<b>12404330</b>
<b>Dimensions (LxWxH)</b>	111x52x22	111x52x22
<b>Input</b>	220-240V 50/60Hz	220-240V 50/60Hz
<b>Ambient temperature</b>	-25°C to +45°C	-25°C to +45°C
<b>Power factor (max)</b>	0.97	0.97
<b>Dimming</b>	TRAILING EDGE/LEADING EDGE	TRAILING EDGE/LEADING EDGE
<b>Max drivers on MCB 16A type B</b>	50	50
<b>Output</b>	<b>350mA / 18W</b> 25-51V DC	<b>500mA / 20W</b> 16-40V DC

Cake 48 IP55 LED GE	10-18 	6-14 
Chapeau 206 LED GE	2 	1
Duell recessed 1x LED GE	2 	1
Duell recessed 2x LED GE	1	
Ex-L low 158 LED GE	1	1
Grib LED GE	3-5	
Hipy 110 IP67 LED GE	2  	1 
Hipy 70 IP67 LED GE	3-5 	
Intro 89 IP44 GE	2 	1
Julien IP54 LED GE	3-5	
K-O 80 LED GE	2 	1
K-1 89 LED GE	2 	1
K72 IP54 LED GE	2 	2
K77 adjustable LED GE	2 	2
Kurk IP40 LED GE	2 	1
Kurk surface IP40 LED GE	2 	1
Lotis 48 IP55 LED GE	10-18 	6-14 
Lotis 82 (concrete) LED GE	2 	1
Lotis 86 IP55 LED GE	2 	1
Lotis 97 (concrete) adjustable LED GE	2 	1
Lotis square (IP55) LED GE	2 	1
Marcel 1x LED GE		1
Marcel 2x LED GE		1/2 *
Marcel 3x LED GE		1/3 **
Marty LED GE	10-18 	
Mini a(r)mor LED GE	10-18 	
Mini multiple 1x LED GE	2 	1
Mini multiple 2x LED GE	1	
Mini multiple 3x LED GE		
Mini multiple 4x LED GE		
M-LED 50 GE	2 	2
M-LED 70 GE	2 	2
M-LED 111 GE	1	1
Nomad 111 2x LED GE		
Nomad 111 4x LED GE		
Nomad 70 2x LED GE	1	
Nomad 70 4x LED GE	1/2 *	
Rektor recessed LED GE	1	1
Scotty 270 adjustable LED GE	1	
Scotty 270 LED GE	1	
Slide IP54 LED GE	2 	2
Slide square clockwork LED GE	2 	1
Slide square IP44 LED GE	2 	1
Slide square LED GE	2 	1
Slide twin LED GE	1	1/2 *
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	10-18 	6-14 
Smart cake / kup / lotis 82 (IP54) LED GE	2 	1
Smart cake / kup / lotis 82 <b>warm dim</b> LED GE	1	
Smart cake / kup / lotis 115 adjustable LED GE	2 	1
Smart cake / kup / lotis 115 (diffuse) (IP54) LED GE	1	1
Smart cake / kup / lotis 115 adjustable <b>warm dim</b> LED GE	1	
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE		1
Stove LED GE	2 	1
Thub metal 120 LED GE	2 	1
(Asy) Wink 115 LED GE	1	1

 driver does not fit through cutout hole of fixture  
 no more, no less - only this exact amount of luminaires allowed

\* requires 2 drivers \*\* requires 3 drivers

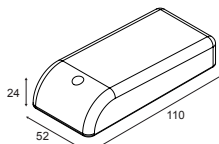
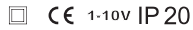

			
	   <b>IP 20</b>		
<b>Reference</b>	<b>12400330</b>		
<b>Dimensions (LxWxH)</b>	166x46x34		
<b>Input</b>	220-240V 50/60Hz		
<b>Ambient temperature</b>	-25°C to +45°C		
<b>Power factor (max)</b>	0.97		
<b>Dimming</b>	TRAILING EDGE/LEADING EDGE/PUSH DIM (push dim: optional sync cable 12400100)		
<b>Max drivers on MCB 16A type B</b>	50		
<b>Output</b>	<b>350mA / 17W</b> 1-47V DC	<b>500mA / 24W</b> 1-47V DC	<b>700mA / 32W</b> 1-46V DC
<b>DIP-switch setting</b>			

Cake 48 IP55 LED GE	16	⚠	16	⚠	
Chapeau 206 LED GE	2		2		2
Duell recessed 1x LED GE	2		2		
Duell recessed 2x LED GE	1		1		
Ex-L low 158 LED GE	1		1		1
Grib LED GE	4				
Hipy 110 IP67 LED GE	2	⚠	2	⚠	2
Hipy 70 IP67 LED GE	4	⚠			
Intro 89 IP44 GE	2		2		
Julien IP54 LED GE	4				
K-O 80 LED GE	2		2		
K-1 89 LED GE	2		2		
K72 IP54 LED GE	2		2		
K77 adjustable LED GE	2		2		
Kurk IP40 LED GE	2		2		2
Kurk surface IP40 LED GE	2		2		2
Lotis 48 IP55 LED GE	16	⚠	16	⚠	
Lotis 82 (concrete) LED GE	2		2		
Lotis 86 IP55 LED GE	2		2		
Lotis 97 (concrete) adjustable LED GE	2		2		
Lotis square (IP55) LED GE	2		2		
Marcel 1x LED GE			1		1
Marcel 2x LED GE			½ *		½ *
Marcel 3x LED GE			⅓ **		⅓ **
Marty LED GE	16	⚠			
Mini a(r)mor LED GE	16	⚠			
Mini multiple 1x LED GE	2		2		
Mini multiple 2x LED GE	1		1		
Mini multiple 3x LED GE					
Mini multiple 4x LED GE					
M-LED 50 GE	2		2		
M-LED 70 GE	2		2		
M-LED 111 GE	1		1		1
Nomad 111 2x LED GE					
Nomad 111 4x LED GE					
Nomad 70 2x LED GE	1		1		
Nomad 70 4x LED GE	½ *		½ *		
Rektor recessed LED GE	1		1		
Scotty 270 adjustable LED GE	1				
Scotty 270 LED GE	1		1		
Slide IP54 LED GE	2		2		
Slide square clockwork LED GE	2		2		
Slide square IP44 LED GE	2		2		
Slide square LED GE	2		2		
Slide twin LED GE	1		1		
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	16	⚠	16	⚠	
Smart cake / kup / lotis 82 (IP54) LED GE	2		2		
Smart cake / kup / lotis 115 adjustable LED GE	2		2		
Smart cake / kup / lotis 115 (diffuse) (IP54) LED GE	1		1		1
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE			1		1
Stove LED GE	2		2		2
Thub metal 120 LED GE	2		2		
(Asy) Wink 115 LED GE	1		1		1

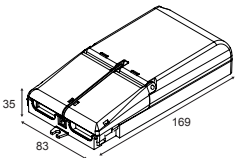
































⚠ driver does not fit through cutout hole of fixture

\* requires 2 drivers

\*\* requires 3 drivers

		
<b>Reference</b>	<b>12404630</b>	
<b>Dimensions (LxWxH)</b>	110x52x23,5	
<b>Input</b>	220-240V 50/60Hz	
<b>Ambient temperature</b>	-20°C to +50°C	
<b>Power factor (max)</b>	0.98	
<b>Dimming</b>	1-10V	
<b>Max drivers on MCB 16A type B</b>	136	
<b>Output</b>	340mA / 20W 6-42V DC	
<b>DIP-switch setting</b>		
Smart cake / kup / lotis 82 (IP54) LED <b>warm dim</b> GE		1
Smart cake / kup / lotis 115 adjustable LED <b>warm dim</b> GE		1



	   1-10V PUSH (SYNC) IP 20				
<b>Reference</b>	<b>12404730</b>				
<b>Dimensions (LxWxH)</b>	169x83x35				
<b>Input</b>	220-240V 50/60Hz				
<b>Ambient temperature</b>	-25°C to +45°C				
<b>Power factor (max)</b>	0.98				
<b>Dimming</b>	DALI/1-10V/PUSH DIM (push dim: optional sync cable 12400100)				
<b>Max drivers on MCB 16A type B</b>	30				
<b>Output</b>	350mA / 25W 1-71V DC	500mA / 35W 1-70V DC	700mA / 50W 1-70V DC	900mA / 50W 1-55V DC	1050mA / 50W 1-48V DC
<b>DIP-switch setting</b>	     	     	     	     	     

Cake 48 IP55 LED GE	26	△	25	△		
Chapeau 206 LED GE	3		3		3	
Duell recessed 1x LED GE	3		3			
Duell recessed 2x LED GE	1		1			
Ex-L low 158 LED GE	2		2		1	1
Grib LED GE	7					
Hipy 110 IP67 LED GE	3		3		3	
Hipy 70 IP67 LED GE	7	△				
Intro 89 IP44 GE	3	△	3	△		
Julien IP54 LED GE	7					
K-O 80 LED GE	3	△	3	△		
K-1 89 LED GE	3	△	3	△		
K72 IP54 LED GE	3	△	3	△		
K77 adjustable LED GE	3	△	3	△		
Kurk IP40 LED GE	3		3		3	
Kurk surface IP40 LED GE	3		3		3	
Lotis 48 IP55 LED GE	26	△	25	△		
Lotis 82 (concrete) LED GE	3	△	3	△		
Lotis 86 IP55 LED GE	3	△	3	△		
Lotis 97 (concrete) adjustable LED GE	3	△	3	△		
Lotis square (IP55) LED GE	3	△	3	△		
Marcel 1x LED GE			2		1	1
Marcel 2x LED GE			1		1	
Marcel 3x LED GE						
Marty LED GE	26	△				
Mini a(r)mor LED GE	26	△				
Mini multiple 1x LED GE	3		3			
Mini multiple 2x LED GE	1		1			
Mini multiple 3x LED GE	1		1			
Mini multiple 4x LED GE						
M-LED 50 GE	3		3			
M-LED 70 GE	3		3			
M-LED 111 GE	2		2		2	1
Nomad 111 2x LED GE	1		1		1	
Nomad 111 4x LED GE						
Nomad 70 2x LED GE	1		1			
Nomad 70 4x LED GE						
Rektor recessed LED GE	2	△	2	△		
Scotty 270 adjustable LED GE	1					
Scotty 270 LED GE	1		1			
Slide IP54 LED GE	3	△	3	△		
Slide square clockwork LED GE	3	△	3	△		
Slide square IP44 LED GE	3	△	3	△		
Slide square LED GE	3	△	3	△		
Slide twin LED GE	1		1			
Smart cake / kup / lotis / asy lotis 48 (IP54) LED GE	26	△	25	△		
Smart cake / kup / lotis 82 (IP54) LED GE	3	△	3	△		
Smart cake / kup / lotis 82 (IP54) LED <b>warm dim</b> GE	2					
Smart cake / kup / lotis 115 adjustable LED GE	3		3			
Smart cake / kup / lotis 115 adjustable LED <b>warm dim</b> GE	2					
Smart cake / kup / lotis 115 (diffuse) (IP54) LED GE	2		2		2	1
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE			2		2	1
Stove LED GE	3		3			
Thub metal 120 LED GE	3		3			
(Asy) Wink 115 LED GE	2		2		2	1

△ driver does not fit through cutout hole of fixture

\* requires 2 drivers

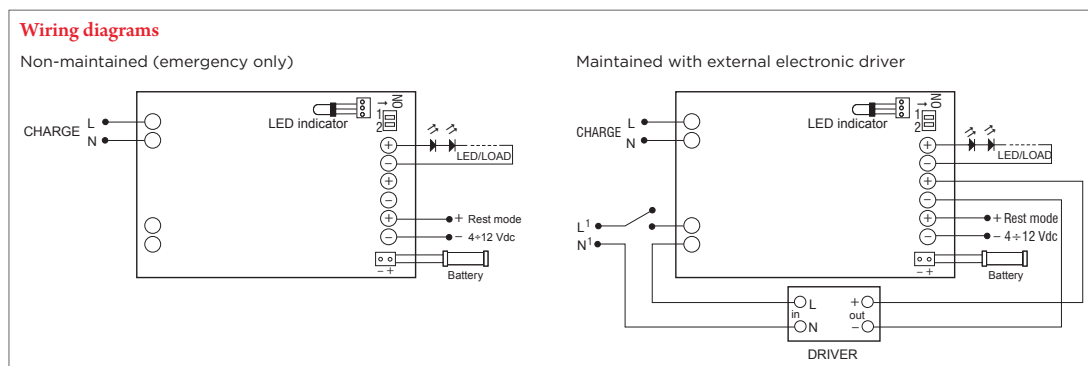
\*\* requires 3 drivers

BACK UP UNIT | 1 HOUR - 3 HOURS  
emergency light output compared to light output at typical current

	CE IP 20	CE IP 20
<b>Reference</b>	<b>12400010</b>	<b>12400110</b>
<b>Dimensions (LxWxH)</b>	unit 166x46x34 / battery pack 135x45x23	unit 166x46x34 / 2x battery pack 212x40x33
<b>Input</b>	220-240V 50/60Hz	220-240V 50/60Hz
<b>Ambient temperature</b>	0°C to 50°C	0°C to 50°C
<b>Emergency operating time</b>	1 hour	3 hours
<b>Charge time</b>	24 hours	24 hours
<b>Output</b>	100-400mA 9-58V	100-400mA 9-58V
<b>DIP-switch setting</b>		

	Typical drive current	Emergency light output compared to light output at typical current
Chapeau 206 LED GE	500mA	65%
Duell recessed 1x LED GE	500mA	65%
Duell recessed 2x LED GE	500mA	65% *
Ex-L low 158 LED GE	500mA	35%
Grib LED GE	350mA	100%
Hipy 110 IP67 LED GE	500mA	65%
Hipy 70 IP67 LED GE	350mA	100%
Intro 89 IP44 GE	500mA	65%
Julien IP54 LED GE	350mA	100%
K-O 80 LED GE	500mA	65%
K-1 89 LED GE	500mA	65%
K72 IP54 LED GE	500mA	72%
K77 adjustable LED GE	500mA	72%
Kurk IP40 LED GE	700mA	47%
Kurk surface IP40 GE	700mA	47%
Lotis 82 LED GE	500mA	65%
Lotis 86 IP55 LED	500mA	65%
Lotis 97 adjustable LED GE	500mA	65%
Lotis square (IP55) LED GE	500mA	65%
Mini multiple 1x LED GE	500mA	65%
Mini multiple 2x LED GE	500mA	65% *
Mini multiple 3x LED GE	500mA	65% *

	Typical drive current	Emergency light output compared to light output at typical current
Mini multiple 4x LED GE	500mA	65% *
M-LED 111	500mA	38%
Nomad 111 2x LED GE	500mA	38% *
Nomad 111 4x LED GE	500mA	38% *
Nomad 70 2x LED GE	500mA	65% *
Nomad 70 4x LED GE	500mA	65% *
Rektor recessed LED GE	500mA	38%
Scotty 270 adjustable LED GE	350mA	43%
Scotty 270 LED GE	500mA	29%
Slide IP54 LED GE	500mA	72%
Slide square clockwork LED GE	500mA	65%
Slide square IP44 LED GE	500mA	65%
Slide square LED GE	500mA	65%
Slide twin LED GE	500mA	65% *
Smart cake / kup / lotis 48 LED GE	500mA	75%  **
Smart cake / kup / lotis 82 LED GE	500mA	65%
Smart cake / kup / lotis 115 adjustable LED GE	500mA	65%
Smart cake / kup / lotis 115 LED 1100-3000lm GE	500mA	38%
Smart cake / kup / lotis 160 (diffuse) (IP54) LED GE	900mA	25%
Stove LED GE	500mA	65%
Thub metal 120 LED GE	500mA	65%
(Asy) Wink 115 LED GE	500mA	38%



**Remarks**

- Respect polarity for installation of battery and LED luminaire.
- Keep batteries away from heat source.
- Do not connect any external battery charger!
- In order to check the correct functionality, we recommend a charging time of about 30 hours.
- It is advisable to effect every 3 months at least one discharge and charge cycle in order to assure the maximum efficiency.
- Replace the batteries every 4 years or after 500 charge/discharge cycles.
- Please check wire diagrams before installing.

driver does not fit through cutout hole of fixture

\* when using only one lamp unit per emergency unit  
\*\* minimum 4 luminaires in series

ARTICLE	PAGE	ARTICLE	PAGE	ARTICLE	PAGE	ARTICLE	PAGE	ARTICLE	PAGE
10303002	31	12023605	117	12412046	165	12442132	193	12472209	179
10303009	31	12023609	117	12412109	165	12442146	193	12472232	179
10486109	149	12023702	117	12412132	165	12442209	193	12472246	179
10486174	149	12023705	117	12412146	165	12442232	193	12472309	179
10486309	149	12023709	117	12412209	165	12442246	193	12472332	179
10486374	149	12023802	117	12412232	165	12442309	193	12472346	179
10486509	149	12023805	117	12412246	165	12442332	193	12472409	179
10486574	149	12023809	117	12412309	165	12442346	193	12472432	179
10486709	149	12024002	117	12412332	165	12442409	193	12472446	179
10486774	149	12024005	117	12412346	165	12442432	193	12472509	179
11298002	77	12024009	117	12412409	165	12442446	193	12472532	179
11298009	77	12024102	117	12412432	165	12442509	193	12472546	179
11298024	77	12024105	117	12412446	165	12442532	193	12472609	179
11298102	77	12024109	117	12412509	165	12442546	193	12472632	179
11298109	77	12024202	117	12412532	165	12442609	193	12472646	179
11298124	77	12024205	117	12412546	165	12442632	193	12472709	179
11298202	77	12024209	117	12412609	165	12442646	193	12472732	179
11298209	77	12024302	117	12412632	165	12442709	193	12472746	179
11298224	77	12024305	117	12412646	165	12442732	193	12472809	179
11298302	77	12024309	117	12412709	165	12442746	193	12472832	179
11298309	77	12024402	117	12412732	165	12442809	193	12472846	179
11298324	77	12024405	117	12412746	165	12442832	193	12473009	178
11298402	77	12024409	117	12412809	165	12442846	193	12473032	178
11298409	77	12024502	117	12412832	165	12443009	192	12473046	178
11298424	77	12024505	117	12412846	165	12443032	192	12473109	178
11298502	77	12024509	117	12413009	164	12443046	192	12473132	178
11298509	77	12024602	117	12413032	164	12443109	192	12473146	178
11298524	77	12024605	117	12413046	164	12443132	192	12473209	178
11298602	77	12024609	117	12413109	164	12443146	192	12473232	178
11298609	77	12024702	117	12413132	164	12443209	192	12473246	178
11298624	77	12024705	117	12413146	164	12443232	192	12474009	179
11298702	77	12024709	117	12413209	164	12443246	192	12474032	179
11298709	77	12024802	117	12413232	164	12444009	193	12474046	179
11298724	77	12024805	117	12413246	164	12444032	193	12474109	179
11298802	77	12024809	117	12414009	165	12444046	193	12474132	179
11298809	77	12345005	35	12414032	165	12444109	193	12474146	179
11298824	77	12345205	38	12414046	165	12444132	193	12474209	179
11402009	137	12345405	35	12414109	165	12444146	193	12474232	179
11402032	137	12346005	39	12414132	165	12444209	193	12474246	179
11402109	137	12346205	39	12414146	165	12444232	193	12619002	71
11402132	137	12346405	38	12414209	165	12444246	193	12619009	71
11402209	137	12374005	34	12414232	165	12471009	178	12619108	71
11402232	137	12374105	34	12414246	165	12471032	178	12619109	71
11402309	137	12374205	33	12441009	192	12471046	178	12741009	166
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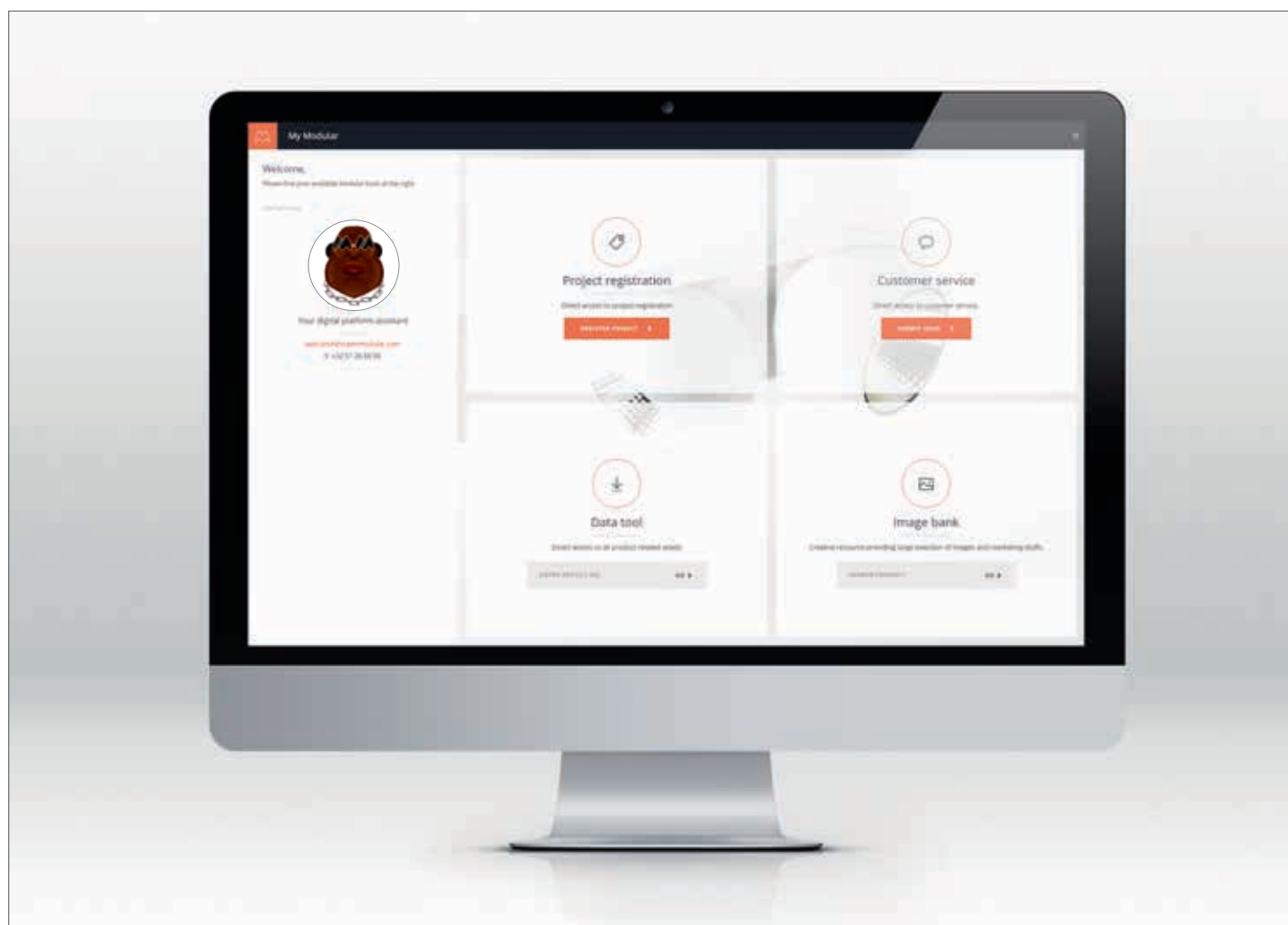
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## DIGITAL PLATFORM

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## Symbols legend

	ceiling application surface / suspended / recessed
	wall application surface / recessed
	floor application surface / recessed
	weight in kg
	cutout size round / square
	adjustability
	dimnable / not dimnable
	universally dimmable
	trailing edge dimmable
	leading edge dimmable
	resistive load dimmable
	fixture class 1
	fixture class 2
	fixture class 3
	wall mounting
	ceiling mounting
	floor mounting
	ceiling + wall mounting
	floor + wall mounting
IP67	protection level
GWT	glow wire test
GE	gear excluded
GI	gear included
RG	remote gear included
	standard colour
	white structure
	black structure
	RAL supplement available
	extra circuit

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### Contributing photography

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