

GreenSpace Accent Gridlight

GD302B LED27S/830 PSU-E MB II WH CW-L

GreenSpace Accent Gridlight, LED Module, system flux 2700 lm, 47 W, 830 warm white, Power supply unit DC-compatible, external, Beam angle 24°, Cord with plug Wieland/Adels compatible 3-pole, Safety class II, White

Thanks to the GreenSpace Accent family, retailers and building operators can now make the switch from CDM to LED lighting and enjoy significant energy savings for a reasonable initial investment. The GreenSpace Accent Gridlight has regular cut-out and specific lumen packages to make retrofit installation quick and easy. Furthermore, the gridlight products offer multiple system integration and dimming options, including wired as well as wireless. For fashion and food retailers, every GreenSpace Accent Gridlight is available with special LED flavours and fresh food LED lighting recipes to show the merchandise in the very best light. Discover our Fashion and Food catalogue pages to find out more about PremiumWhite, PremiumColour, Fresh Meat, Rosé, Frost and Champagne.

Warnings and Safety

- During maintenance, the product must be switched off and cooled down
- The product must be installed out of arm's reach. Manipulating the product when hot is only possible with an insulated glove

Product data

General Information	
Lamp family code	LED27S [LED Module, system flux 2700 lm]
Cap base	- [-]
Light source replaceable	No

Number of gear units	2 units
Gear	-
Driver included	Yes

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Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Product family code	GD302B [GreenSpace Accent Gridlight]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	5,400 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	114.8936170212766 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source colour	830 warm white
Optic type	Beam angle 24°
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	24°

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	32 A
Inrush time	0.300 ms
Power Consumption	47 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	Cord with plug Wieland/Adels compatible 3-pole
Number of products on MCB of 16 A type B	12

Temperature

Ambient temperature range	+10 to +40 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit DC-compatible, external
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Polyamide
Housing Colour	White
Optical cover/lens finish	Frosted
Overall length	366 mm
Overall width	194 mm
Overall height	100 mm
Dimensions (height x width x depth)	100 x 194 x 366 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43,0.40) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

Application Conditions

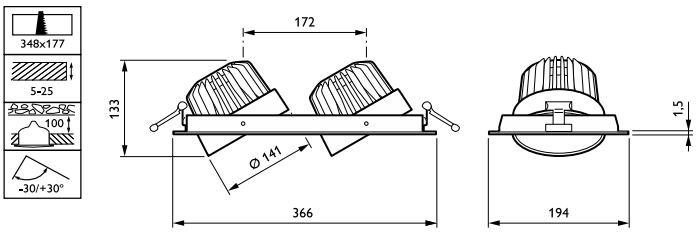
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Order product name	GD302B LED27S/830 PSU-E MB II WH CW-L
Full product name	GD302B LED27S/830 PSU-E MB II WH CW-L
Full EOC	871869697403200
Order code	97403200
Material no. (12 NC)	910500459086
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696974032
Numerator – packs per outer box	1
EAN/UPC - Case	8718696974032

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Dimensional drawing



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