



GreenSpace Accent Gridlight

GD302B LED27S/830 PSU-E MB II WH

GreenSpace Accent Gridlight, LED Module, system flux 2700 lm, 830 warm white, Power supply unit DC compatible, external, Beam angle 24°, 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 flavors and fresh food LED lighting recipes to show the merchandise in the very best light. Check out our Fashion and Food catalog pages to find out more about PremiumWhite, PremiumColor, Fresh Meat, Rosé, Frost and Champagne.

Warnings and Safety

- $\boldsymbol{\cdot}$ 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
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example

Datasheet, 2023, December 5 data subject to change

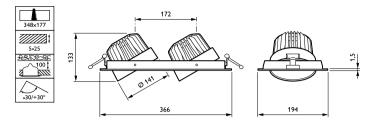
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	B10. Therefore, the median useful life (B50)	Mechanical and Housing	
	value also represents the B10 value.	Housing Material	Aluminum
Service tag	Yes	Reflector material	Polycarbonate aluminum coated
Product family code	GD302B [GreenSpace Accent Gridlight]	Optic material	Polycarbonate
Lighting Technology	LED	Optical cover material	Polycarbonate
Value ladder	Performance	Fixation material	Polyamide
CE mark	Yes	Housing Color	White
Warranty period	5 years	Optical cover finish	Frosted
Flammability mark	For mounting on normally flammable	Overall length	366 mm
	surfaces	Overall width	194 mm
ENEC mark	ENEC mark	Overall height	100 mm
Glow-wire test	Temperature 650 °C, duration 30 s	Dimensions (Height x Width x Depth)	100 x 194 x 366 mm
EU RoHS compliant	Yes		
		Approval and Application	
Light Technical		Ingress protection code	IP20 [Finger-protected]
Luminous Flux	5,400 lm	Mech. impact protection code	IK02 [0.2 J standard]
Correlated Color Temperature (Nom)	3000 K	Protection class IEC	Safety class II
Luminous Efficacy (rated) (Nom)	114.8936170212766 lm/W		
Color rendering index (CRI)	≥80	Initial Performance (IEC Compliant)	
Number of light sources	2	Luminous flux tolerance	+/-10%
Beam angle of light source	120 degree(s)	Initial chromaticity	(0.43,0.40) SDCM <3
Light source color	830 warm white	Power consumption tolerance	+/-10%
Optic type	Beam angle 24°		
Optical cover type	Polycarbonate bowl/cover	Over Time Performance (IEC Compl	iant)
Luminaire light beam spread	24°	Control gear failure rate at median useful	5 %
		life 50000 h	
Operating and Electrical		Lumen maintenance at median useful	L80
Input Voltage	220-240 V	life* 50000 h	
Line Frequency	50 to 60 Hz		
Inrush current	32 A	Application Conditions	
Inrush time	0.300 ms	Performance ambient temperature Tq	25 ℃
Power Consumption	47 W	Suitable for random switching	Yes
Power Factor (Fraction)	0.9		
Connection	Push-in connector and pull relief	Product Data	
Cable	-	Order product name	GD302B LED27S/830 PSU-E MB II
Number of products on MCB of 16 A type	12	Full product name	GD302B LED27S/830 PSU-E MB II
В		Full product code	871869691626100
		Order code	910500458765
Temperature		Material Nr. (12NC)	910500458765
Ambient temperature range	+10 to +40 ℃	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718696916261
Controls and Dimming		Numerator - Packs per outer box	1
Dimmable	No	EAN/UPC - Case	8718696916261
Driver/power unit/transformer	Power supply unit DC compatible, external		
Constant light output	No		

Housing Color	White
Optical cover 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	IKO2 [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 Compi Control gear failure rate at median useful life 50000 h	
Lumen maintenance at median useful life* 50000 h	L80
Application Conditions	
Application Conditions	25 °C
Performance ambient temperature Tq Suitable for random switching	Yes
Product Data	
Order product name	GD302B LED27S/830 PSU-E MB II WH
Full product name	GD302B LED27S/830 PSU-E MB II WH
Full product code	871869691626100
Full product code Order code	871869691626100 910500458765
Full product code Order code Material Nr. (12NC)	871869691626100 910500458765 910500458765
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Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	871869691626100 910500458765 910500458765 1

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Dimensional drawing





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