



GreenSpace Accent Gridlight

GD302B LED27S/830 PSD-E MB II WH

GreenSpace Accent Gridlight, LED Module, system flux 2700 lm, 830 warm white, Power supply unit with DALI interface, 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

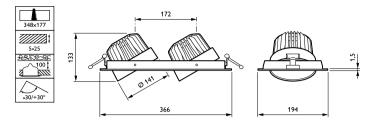
Datasheet, 2023, December 5 data subject to change

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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 surfaces	Overall length	366 mm
ENEC mark	ENEC mark	Overall width	194 mm
Glow-wire test	Temperature 650 °C, duration 30 s	Overall height	100 mm
EU RoHS compliant	Yes	Dimensions (Height x Width x Depth)	100 x 194 x 366 mm
Light Technical		Approval and Application	
Luminous Flux	5,400 lm	Ingress protection code	IP20 [Finger-protected]
Correlated Color Temperature (Nom)	3000 K	Mech. impact protection code	IK02 [0.2 J standard]
Luminous Efficacy (rated) (Nom)	114.8936170212766 lm/W	Protection class IEC	Safety class II
Color rendering index (CRI)	≥80		
Number of light sources	2	Initial Performance (IEC Compliant)
Beam angle of light source	120 degree(s)	Luminous flux tolerance	+/-10%
Light source color	830 warm white	Initial chromaticity	(0.43,0.40) SDCM <3
Optic type	Beam angle 24°	Power consumption tolerance	+/-10%
Optical cover type	Polycarbonate bowl/cover		
Luminaire light beam spread	24°	Over Time Performance (IEC Comp	liant)
		Control gear failure rate at median useful 5%	
Operating and Electrical		life 50000 h	
Input Voltage	220-240 V	Lumen maintenance at median useful	L80
Line Frequency	50 to 60 Hz	life* 50000 h	
Inrush current	20.4 A		
Inrush time	0.195 ms	Application Conditions	
Power Consumption	47 W	Performance ambient temperature Tq	25 ℃
Power Factor (Fraction)	0.9	Maximum dim level	1%
Connection	Push-in connector and pull relief	Suitable for random switching	Yes
Cable	<u>-</u>		
Number of products on MCB of 16 A type	24	Product Data	
В		Order product name	GD302B LED27S/830 PSD-E MB II WH
		Order product name Full product name	GD302B LED27S/830 PSD-E MB II WH GD302B LED27S/830 PSD-E MB II WH
Temperature		-	
	+10 to +40 °C	Full product name Full product code Order code	GD302B LED27S/830 PSD-E MB II WH
Temperature Ambient temperature range	+10 to +40 °C	Full product name Full product code	GD302B LED27S/830 PSD-E MB II WH 871869907624500
Temperature Ambient temperature range Controls and Dimming	+10 to +40 °C	Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	GD302B LED27S/830 PSD-E MB II WH 871869907624500 910500459236
Temperature Ambient temperature range	+10 to +40 °C Yes	Full product name Full product code Order code Material Nr. (12NC)	GD302B LED27S/830 PSD-E MB II WH 871869907624500 910500459236 910500459236
Temperature Ambient temperature range Controls and Dimming	Yes Power supply unit with DALI interface, DC	Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	GD302B LED27S/830 PSD-E MB II WH 871869907624500 910500459236 910500459236 1
Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	Yes	Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	GD302B LED27S/830 PSD-E MB II WH 871869907624500 910500459236 910500459236 1 8718699076245
Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface	Yes Power supply unit with DALI interface, DC	Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	GD302B LED27S/830 PSD-E MB II WH 871869907624500 910500459236 910500459236 1 8718699076245 1
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Dimensional drawing





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