PHILIPS Lighting



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, DCcompatible, 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 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

- $\boldsymbol{\cdot}$ 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		Driver included	Yes
Lamp family code	LED27S [LED Module, system flux 2700 lm]	Remarks	*- According to the Lighting Europe guidance
Cap base	- [-]		paper 'Evaluating performance of LED based
Light source replaceable	No		luminaires – January 2018': statistically there
Number of gear units	2 units		is no relevant difference in lumen
Gear	-		maintenance between the B50 and, for

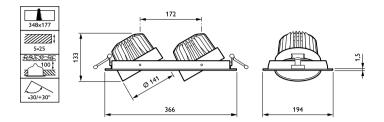
GreenSpace Accent Gridlight

	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	20.4 A	
Inrush time	0.195 ms	
Power Consumption	47 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector and pull relief	
Cable	-	
Number of products on MCB of 16 A type	24	
В		
Temperature		
Ambient temperature range	+10 to +40 °C	
Controls and Dimming		
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit with DALI interface, DC-	
	compatible, external	
Control interface	DALI	

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	t)	
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.43,0.40) SDCM <3	
Power consumption tolerance	+/-10%	
0	- (t 4)	
Over Time Performance (IEC Comp		
Control gear failure rate at median	5 %	
useful life 50,000 h Lumen maintenance at median useful	L80	
life* 50,000 h	Lou	
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	1%	
Suitable for random switching	Yes	
Product Data		
Product Data Order product name	GD302B LED27S/830 PSD-E MB II WH	
Order product name		
Order product name Full product name		
Order product name Full product name	GD302B LED27S/830 PSD-E MB II WH	
Order product name Full product name Full EOC	GD302B LED275/830 PSD-E MB II WH 871869907624500	
Order product name Full product name Full EOC Order code	GD302B LED275/830 PSD-E MB II WH 871869907624500 07624500	
Order product name Full product name Full EOC Order code Material no. (12 NC)	GD302B LED27S/830 PSD-E MB II WH 871869907624500 07624500 910500459236	
Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	07624500 910500459236 1	

GreenSpace Accent Gridlight

Dimensional drawing





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