PHILIPS Lighting



GreenSpace Accent Gridlight

GD301B LED27S/830 PSU-E MB II WH CW-L

GreenSpace Accent Gridlight, LED Module, system flux 2700 lm, 23.5 W, 830 warm white, Power supply unit external (On/Off), Beam angle 24°, Cord with plug Wieland/Adels compatible 3pole, 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		Number of gear units	1 unit
Lamp family code	LED27S [LED Module, system flux 2700 lm]	Gear	-
Cap-Base	- [-]	Driver included	Yes
Light source replaceable	No		

GreenSpace Accent Gridlight

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
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	GD301B [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	2,700 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	114.8936170212766 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	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	18.6 A
Inrush time	0.240 ms
Power Consumption	23.5 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 typ	e 34
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Νο

Driver/power unit/transformer	Power supply unit external (On/Off)	
Constant light output	No	
Mechanical and Housing		
Housing Material	Aluminum	
Reflector material	Polycarbonate aluminum coated	
Optic material	Polycarbonate	
Optical cover material	Polycarbonate	
Fixation material	Polyamide	
Housing Color	White	
Optical cover finish	Frosted	
Overall length	194 mm	
Overall width	194 mm	
Overall height	100 mm	
Dimensions (Height x Width x Depth)	100 x 194 x 194 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 Complian	t)	
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.43,0.40) SDCM <3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Com	liant)	
Over Time Performance (IEC Comp	5 %	
Control gear failure rate at median useful life 50000 h	5 %	
Lumen maintenance at median useful	L80	
life* 50000 h	260	
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Suitable for random switching	Yes	
Product Data		
Order product name	GD301B LED27S/830 PSU-E MB II WH CW-	
•	,	
Full product name	GD301B LED27S/830 PSU-E MB II WH CW-	
Full product code	871869916011100	
Order code	910771117509	
Material Nr. (12NC)	910771117509	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699160111	

1

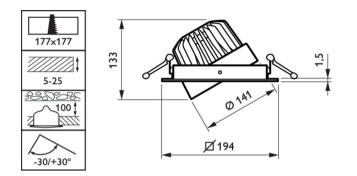
8718699160111

Numerator - Packs per outer box

EAN/UPC - Case

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Dimensional drawing





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