PHILIPS Lighting



GreenSpace Accent Gridlight

GD301B LED27S/830 PSU-E WB 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 36°, 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 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		Number of gear units	Unit
Lamp family code	LED27S [LED Module, system flux 2700 lm]	Gear	-
Cap base	- [-]	Driver included	Yes
Light source replaceable	No		

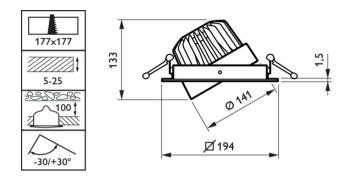
GreenSpace Accent Gridlight

Remarks	*- 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	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 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 36°
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	36°
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	34
type B	
-yr	
Temperature	
Ambient temperature range	+10 to +40 °C
Animent temperature rallge	
Controls and Dimming	
	No
Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)

6	
Constant light output	No
Machanical and Housing	
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	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	pliant)
Control gear failure rate at median	5 %
useful life 50,000 h	
Lumen maintenance at median useful	L80
life* 50,000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Suitable for random switching	Yes
Product Data	
Order product name	GD301B LED27S/830 PSU-E WB II WH CW-L
Full product name	GD301B LED27S/830 PSU-E WB II WH CW-L
Full EOC	871869916012800
Order code	16012800
Material no. (12 NC)	910771117510
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699160128
Numerator – packs per outer box	1
EAN/UPC - Case	8718699160128
,	

GreenSpace Accent Gridlight

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 29 - data subject to change