



# **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 3-pole, 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

- $\cdot$  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	1 unit
Gear	-
Driver included	Yes

Datasheet, 2023, April 29 data subject to change

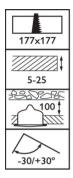
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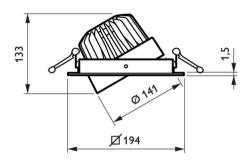
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires – January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	GD301B [GreenSpace Accent Gridlight]
Lighting Technology  Value ladder	Performance
CE mark	
	Yes
Warranty period	5 years
Flammability mark  ENEC mark	For mounting on normally flammable surfaces  ENEC mark
Glow-wire test	
EU RoHS compliant	Temperature 650 °C, duration 30 s
EU ROHS COmpliant	Yes
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)
ight source color	830 warm white
Optic type	Beam angle 36°
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	36°
Operating and Electrical	
nput Voltage	220-240 V
ine Frequency	50 to 60 Hz
nrush 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 type	34
3	
·	
Temperature	
	+10 to +40 °C
Ambient temperature range	10 10 140 6
Ambient temperature range	10.00 140 C
Ambient temperature range  Controls and Dimming	100.40 €

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	IKO2 [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 Comp	oliant)
Control gear failure rate at median	5 %
useful life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 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 product code	871869916012800
Order code	16012800
Material Nr. (12NC)	910771117510
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699160128
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699160128

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### Dimensional drawing







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