PHILIPS Lighting



GreenSpace Accent Gridlight

GD301B LED27S/830 PSU-E MB II WH

GreenSpace Accent Gridlight, LED Module, system flux 2700 lm, 23.5 W, 830 warm white, Power supply unit external (On/Off), 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	Unit		is no relevant difference in lumen
Gear	-		maintenance between the B50 and, for

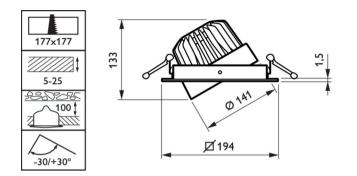
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	example, the B10. Therefore, the median
	useful life (B50) value also represents the B10
	value.
Product family code	GD301B [GreenSpace Accent Gridlight]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability 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 24°
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	24°
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) Connection	0.9
	Push-in connector and pull relief
Cable	- 24
Number of products on MCB of 16 A type	34
В	
Temperature	
Temperature	10 to 10 %C
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	10
Driver/power unit/transformer	Power supply unit external (Op/Off)
Constant light output	Power supply unit external (On/Off)
Constant light output	Power supply unit external (On/Off) No
Constant light output Mechanical and Housing Housing material	

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 Compliant)	1
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43,0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	iant)
Control gear failure rate at median useful	5%
life 50,000 h	
Lumen maintenance at median useful	L80
life* 50,000 h	
Application Conditions	
Application Conditions Performance ambient temperature Tq	25 ℃
	25 °C Yes
Performance ambient temperature Tq Suitable for random switching	
Performance ambient temperature Tq	
Performance ambient temperature Tq Suitable for random switching	
Performance ambient temperature Tq Suitable for random switching Product Data	Yes
Performance ambient temperature Tq Suitable for random switching Product Data Order product name	Yes GD301B LED27S/830 PSU-E MB II WH
Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full EOC Order code	Yes GD301B LED27S/830 PSU-E MB II WH GD301B LED27S/830 PSU-E MB II WH
Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full EOC	Yes GD301B LED27S/830 PSU-E MB II WH GD301B LED27S/830 PSU-E MB II WH 871869907621400
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Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)	Yes GD301B LED27S/830 PSU-E MB II WH GD301B LED27S/830 PSU-E MB II WH 871869907621400 07621400 910500459233
Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	Yes GD301B LED275/830 PSU-E MB II WH GD301B LED275/830 PSU-E MB II WH 871869907621400 07621400 910500459233 1
Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack EAN/UPC — Product/Case	Yes GD301B LED27S/830 PSU-E MB II WH GD301B LED27S/830 PSU-E MB II WH 871869907621400 07621400 910500459233 1 8718699076214
Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack EAN/UPC — Product/Case Numerator – packs per outer box	Yes GD301B LED27S/830 PSU-E MB II WH GD301B LED27S/830 PSU-E MB II WH 871869907621400 07621400 910500459233 1 8718699076214 1

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Dimensional drawing





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