PHILIPS Lighting



GreenSpace Accent Gridlight

GD302B LED39S/830 PSD-E MB WH

GreenSpace Accent Gridlight, LED module 3500 lm, 830 warm white, Power supply unit with DALI interface, DC-compatible, 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	LED35 [LED module 3500 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 is
Number of gear units	2 units		no relevant difference in lumen maintenance
Gear	-		between the B50 and, for example, the B10.

GreenSpace Accent Gridlight

	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

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Luminous Flux	7,800 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	123.80952380952381 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	63 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A	24
type B	

Temperature

Ambient temperature range

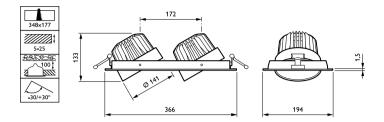
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC-
	compatible, external
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium

+10 to +40 °C

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 Complian	t)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43,0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Com	oliant)
Control gear failure rate at median	5 %
Control gear failure rate at median useful life 50,000 h	5 %
-	5 % L80
useful life 50,000 h	
useful life 50,000 h Lumen maintenance at median useful	
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useful life 50,000 h Lumen maintenance at median useful life* 50,000 h	
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useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)	L80 25 °C 1% Yes GD302B LED39S/830 PSD-E MB WH GD302B LED39S/830 PSD-E MB WH 871869907629000 07629000 910500459241
useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Maximum dim level 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	L80 25 °C 1% Yes GD302B LED395/830 PSD-E MB WH GD302B LED395/830 PSD-E MB WH 871869907629000 07629000 910500459241 1
useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Maximum dim level 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	L80 25 °C 1% Yes GD302B LED395/830 PSD-E MB WH GD302B LED395/830 PSD-E MB WH 871869907629000 07629000 910500459241 1 1 8718699076290

GreenSpace Accent Gridlight

Dimensional drawing





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