# **PHILIPS** Lighting



# GreenSpace Accent Gridlight

# GD302B LED27S/830 PSD-E MB WH II CW-L

GreenSpace Accent Gridlight, LED Module, system flux 2700 lm, 830 warm white, Power supply unit with DALI interface, DCcompatible, external, Beam angle 24°, Cord with plug Wieland/ Adels compatible 3-pole and locking device, 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		Light source replaceable	No
Lamp family code	LED27S [LED Module, system flux 2700 lm]	Number of gear units	2 units
Cap base	- [-]	Gear	-

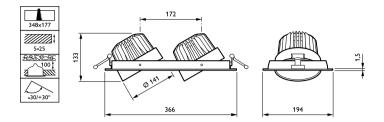
## GreenSpace Accent Gridlight

<b>.</b>	
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there i
	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	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	
Luminous Flux	5,400 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°
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	47 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	Cord with plug Wieland/Adels compatible 3-
	pole and locking device
Number of products on MCB of 16 A	24
type B	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC-
	compatible, external

Constant light output	No
Machanical and Hausing	
Mechanical and Housing	Aluminium
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	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	nt)
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 ℃
Maximum dim level	1%
Suitable for random switching	Yes
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Product Data	165
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Product Data Order product name	GD302B LED27S/830 PSD-E MB WH II CW-L
Product Data Order product name Full product name	GD302B LED27S/830 PSD-E MB WH II CW-L GD302B LED27S/830 PSD-E MB WH II CW-L
Product Data Order product name Full product name Full EOC	GD302B LED27S/830 PSD-E MB WH II CW-L GD302B LED27S/830 PSD-E MB WH II CW-L 871869907626900
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Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)	GD302B LED27S/830 PSD-E MB WH II CW-L GD302B LED27S/830 PSD-E MB WH II CW-L 871869907626900 07626900 910500459238
Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	GD302B LED27S/830 PSD-E MB WH II CW-L GD302B LED27S/830 PSD-E MB WH II CW-L 871869907626900 07626900 910500459238 1

### GreenSpace Accent Gridlight

#### Dimensional drawing





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