# **PHILIPS** Lighting



# GreenSpace Accent Gridlight

# GD302B LED27S/830 PSD-E MB II WH

GreenSpace Accent Gridlight, LED Module, system flux 2700 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 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

- $\boldsymbol{\cdot}$  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	*-Per Lighting Europe guidance paper
Cap-Base	- [-]		"Evaluating performance of LED based
Light source replaceable	No		luminaires - January 2018": statistically there
Number of gear units	2 units		is no relevant difference in lumen
Gear	-		maintenance between B50 and for example

## **GreenSpace Accent Gridlight**

	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
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 Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	114.8936170212766 lm/W
Color rendering index (CRI)	≥80
Number of light sources	2
Beam angle of light source	120 degree(s)
Light source color	830 warm white

Beam angle 24°

24°

220-240 V 50 to 60 Hz

20.4 A

47 W

0.9

0.195 ms

Polycarbonate bowl/cover

Push-in connector and pull relief

	Reflector material	Polycarbonate aluminum coated
ent Gridlight]	Optic material	Polycarbonate
	Optical cover material	Polycarbonate
	Fixation material	Polyamide
	Housing Color	White
	Optical cover finish	Frosted
flammable surfaces	Overall length	366 mm
	Overall width	194 mm
ion 30 s	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 Comp	oliant)
	Control gear failure rate at median usef	ul 5 %
	life 50000 h	
	Lumen maintenance at median useful	L80
	life* 50000 h	
	Application Conditions	
	Performance ambient temperature Tq	25 °C
	Maximum dim level	1%

Aluminum

Mechanical and Housing

Housing Material

#### Product Data

Suitable for random switching

Order product name	GD302B LED27S/830 PSD-E MB II WH		
Full product name	GD302B LED27S/830 PSD-E MB II WH		
Full product code	871869907624500		
Order code	07624500		
Material Nr. (12NC)	910500459236		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718699076245		
Numerator - Packs per outer box	1		
EAN/UPC - Case	8718699076245		

Yes

T	en	np	e	a	tu	re	

Optic type

Input Voltage

Inrush time

Connection

Cable

в

Line Frequency Inrush current

Power Consumption

Power Factor (Fraction)

Number of products on MCB of 16 A type 24

Optical cover type

Luminaire light beam spread

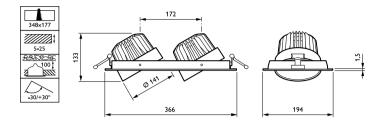
**Operating and Electrical** 

Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI i
	compatible, external

Driver/power unit/transformer	Power supply unit with DALI interface, DC		
	compatible, external		
Control interface	DALI		
Constant light output	No		

## GreenSpace Accent Gridlight

#### Dimensional drawing





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