PHILIPS Lighting



StoreFlux gen3 rim

GD605B LED27S/830 PSU-E MB WH-WH

StoreFlux3, LED Module, system flux 2700 lm, 830 warm white, Power supply unit external (On/Off), Medium beam, White and white

With StoreFlux, retailers can enjoy the superior quality of light and market-leading energy efficiency of PerfectAccent optics in a refined and neutral product design that nicely blends in-shop architecture. The StoreFlux gridlight can be equipped with up to three LED modules with the PerfectAccent reflector system to deliver topquality accent lighting that makes your shop and merchandise look great. As well as its long service liftetime, StoreFlux also offers tool-free reflector replacement, with an easy access to the driver for hassle-free maintenance.

Warnings and Safety

- The luminaire should be mounted out of arm's reach. Manipulating the product when hot is only possible with an insulated glove
- The luminaire should be installed and disassembled by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements
- All photometrical data is calculated without optional front glass. Flux should be reduced by 3.5% when using a front glass
- In case of no front glass lens, cleaning the optic should only be done with pressurised air. Touching the LED or reflector is forbidden. For areas with high levels of dust, the use of the optional front glass is strongly advised, as it can then be easily cleaned with a (dry) microfibre cloth
- For multi-spot configurations, please use single configuration photometry and duplicate it according to the number of spots in a given configuration.

Product data

General Information		Driver included	Yes	
Lamp family code	LED27S [LED Module, system flux 2700 lm]	Remarks	*- According to the Lighting Europe guidance	
Light source replaceable	No		paper 'Evaluating performance of LED based	
Number of gear units	4 units		luminaires – January 2018': statistically there is	

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	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	GD605B [StoreFlux3]
Lighting Technology	LED
Value ladder	Specification
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 5 s
EU RoHS compliant	Yes

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10,800 lm
3000 K
120 lm/W
≥80
120 degree(s)
830 warm white
Medium beam
Acrylic toothed
24°

Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	18 A	
Inrush time	0.25 ms	
Power Consumption	23.5 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector and pull relief	
Cable	-	
Number of products on MCB of 16 A	34	
type B		
Temperature		
Ambient temperature range	+10 to +40 °C	
Controls and Dimming		
Dimmable	No	

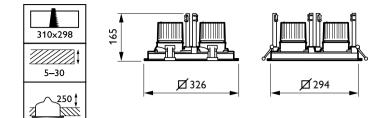
Power supply unit external (On/Off)

Control interface	-
Constant light output	No
Mechanical and Housing	
Housing material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White and white
Optical cover/lens finish	Clear
Overall length	326 mm
Overall width	326 mm
Overall height	165 mm
Dimensions (height x width x depth)	165 x 326 x 326 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%
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Suitable for random switching	
	No
	No
Product Data	No
Product Data Order product name	No GD605B LED27S/830 PSU-E MB WH-WH
Order product name	GD605B LED27S/830 PSU-E MB WH-WH
Order product name Full product name	GD605B LED27S/830 PSU-E MB WH-WH GD605B LED27S/830 PSU-E MB WH-WH
Order product name Full product name Full EOC	GD605B LED27S/830 PSU-E MB WH-WH GD605B LED27S/830 PSU-E MB WH-WH 871869688436200
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Order product name Full product name Full EOC Order code Material no. (12 NC)	GD605B LED27S/830 PSU-E MB WH-WH GD605B LED27S/830 PSU-E MB WH-WH 871869688436200 88436200 910500458308
Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	GD605B LED27S/830 PSU-E MB WH-WH GD605B LED27S/830 PSU-E MB WH-WH 871869688436200 88436200 910500458308 1

Driver/power unit/transformer

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Dimensional drawing





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