PHILIPS Lighting



StoreFlux gen3 rim

GD604B 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	GD604B [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

Light Technical

Luminous Flux	10,800 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	120 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source colour	830 warm white
Optic type	Medium beam
Optical cover type	Acrylic toothed
Luminaire light beam spread	24°

Operating	and	Electrical

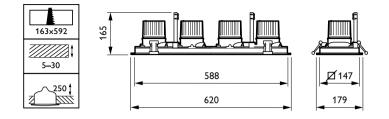
operating and Electricat	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	18 A
Inrush time	0.25 ms
Power Consumption	23.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A	34
type B	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	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	620 mm	
Overall width	179 mm	
Overall height	165 mm	
Dimensions (height x width x depth)	165 x 179 x 620 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%	
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	Not applicable	
Suitable for random switching	No	
Product Data		
Order product name	GD604B LED27S/830 PSU-E MB WH-WH	
Full product name	GD604B LED27S/830 PSU-E MB WH-WH	

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Dimensional drawing





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