



StoreFlux gen3 rim

GD602B 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

The StoreFlux gridlight can be equipped with up to four LED modules with a special reflector system to deliver top-quality light that makes your shop and merchandise look great. The combination of multiple LED sources with high lumen packages in one luminaire creates sparkling light effects. StoreFlux offers low maintenance compared with CDM and high efficiency compared to halogen.

Warnings and Safety

- The luminaire should be mounted outside 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 of the optic should only be done with pressurized 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) microfiber cloth
- For multi-spot configurations, please use single configuration photometry and duplicate it as per the number of spots in given configuration.

Product data

General Information				
Lamp family code LED27S [LED Module, system flux				
Light source replaceable	No			
Number of gear units	2 units			
Driver included	Yes			

*-Per Lighting Europe guidance paper

"Evaluating performance of LED based
luminaires - January 2018": statistically there
is no relevant difference in lumen
maintenance between B50 and for example

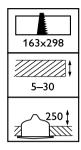
Datasheet, 2023, April 29 data subject to change

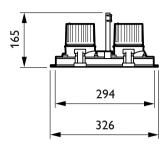
StoreFlux gen3 rim

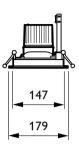
	B10. Therefore, the median useful life (B50)	Mechanical and Housing	
	value also represents the B10 value.	Housing Material	Steel
Service tag	Yes	Reflector material	Polycarbonate
Product family code	GD602B [StoreFlux3]	Optic material	Polycarbonate
Lighting Technology	LED	Optical cover material	Polycarbonate
Value ladder	Specification	Fixation material	Steel
CE mark	Yes	Housing Color	White and white
Warranty period	5 years	Optical cover finish	Clear
Flammability mark	For mounting on normally flammable	Overall length	326 mm
	surfaces	Overall width	179 mm
ENEC mark	ENEC mark	Overall height	165 mm
Glow-wire test	Temperature 650 °C, duration 5 s	Dimensions (Height x Width x Depth)	165 x 179 x 326 mm
EU RoHS compliant	Yes		
		Approval and Application	
Light Technical		Ingress protection code	IP20 [Finger-protected]
Luminous Flux	5,400 lm	Mech. impact protection code	IK02 [0.2 J standard]
Correlated Color Temperature (Nom)	3000 K	Protection class IEC	Safety class II
Luminous Efficacy (rated) (Nom)	120 lm/W		
Color rendering index (CRI)	≥80	Initial Performance (IEC Compliant)	
Number of light sources	2	Luminous flux tolerance	+/-10%
Beam angle of light source	120 degree(s)	Initial chromaticity	(0.43, 0.40) SDCM <3
Light source color	830 warm white	Power consumption tolerance	+/-10%
Optic type	Medium beam		
Optical cover type	Acrylic toothed	Over Time Performance (IEC Compli	iant)
Luminaire light beam spread	24°	Control gear failure rate at median useful	5 %
Unified glare rating CEN	Not applicable	life 50000 h	
		Lumen maintenance at median useful life*	* L80
Operating and Electrical		50000 h	
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz	Application Conditions	
Inrush current	18 A	Performance ambient temperature Tq	25 °C
Inrush time	0.25 ms	Maximum dim level	Not applicable
Power Consumption	23.5 W	Suitable for random switching	No
Power Factor (Fraction)	0.9		
Connection	Push-in connector and pull relief	Product Data	
Cable	-	Order product name	GD602B LED27S/830 PSU-E MB WH-WH
Number of products on MCB of 16 A type	34	Full product name	GD602B LED27S/830 PSU-E MB WH-WH
В		Full product code	871869688118700
		Order code	88118700
Temperature		Material Nr. (12NC)	910500458194
Ambient temperature range	+10 to +40 °C	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718696881187
Controls and Dimming		Numerator - Packs per outer box	1
Dimmable	No	EAN/UPC - Case	8718696881187
Driver/power unit/transformer	Power supply unit external (On/Off)		
Control interface	-		
Constant light output	No		

StoreFlux gen3 rim

Dimensional drawing









© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.