



# StoreFlux gen3 rim

## GD601B 12S/830 PSU-E MB CP WH

StoreFlux3, LED module, system flux 1200 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 store architecture. The StoreFlux gridlight can be equipped with up to three LED modules with PerfectAccent reflector system to deliver top-quality accent lighting that makes your shop and merchandise look great. StoreFlux, next to long service liftetime, also offers tool-free reflector replacement and easy access to driver for hassle free maintenance.

#### 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	LED12S [LED module, system flux 1200 lm]
Light source replaceable	No

Number of gear units	1 unit
Driver included	Yes

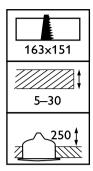
Datasheet, 2023, December 5 data subject to change

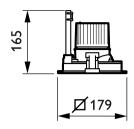
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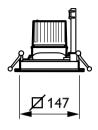
	_		
Remarks	*-Per Lighting Europe guidance paper	Control interface	-
	"Evaluating performance of LED based	Constant light output	No
	luminaires - January 2018": statistically there	- <del></del>	
	is no relevant difference in lumen	Mechanical and Housing	
	maintenance between B50 and for example	Housing Material	Steel
	B10. Therefore, the median useful life (B50)	Reflector material	Polycarbonate
Service tag	value also represents the B10 value.  Yes	Optic material	Polycarbonate
Product family code	GD601B [StoreFlux3]	Optical cover material	Polycarbonate
Lighting Technology	LED	Fixation material	Steel
Value ladder	Specification	Housing Color	White and white
CE mark	Yes	Optical cover finish	Clear
Warranty period	5 years	Overall length	179 mm
Flammability mark	For mounting on normally flammable	Overall width	179 mm
Tallinability mark	surfaces	Overall height	165 mm
ENEC mark	ENEC mark	Dimensions (Height x Width x Depth)	165 x 179 x 179 mm
Glow-wire test	Temperature 650 °C, duration 5 s	Approval and Application	
EU RoHS compliant	Yes	Approval and Application	ID20 (Finance products -1)
		Ingress protection code	IP20 [Finger-protected]
Light Technical		Mech. impact protection code	IK02 [0.2 J standard]
Luminous Flux	1,200 lm	Protection class IEC	Safety class II
Correlated Color Temperature (Nom)	3000 K	Initial Derformance (IEC Compliant)	
Luminous Efficacy (rated) (Nom)	120 lm/W	Initial Performance (IEC Compliant)  Luminous flux tolerance	+/-10%
Color rendering index (CRI)	≥80	Initial chromaticity	(0.43, 0.40) SDCM <3
Number of light sources	1	Power consumption tolerance	+/-10%
Beam angle of light source	120 degree(s)	- Fower consumption toterance	1,7-1076
Light source color	830 warm white	Over Time Performance (IEC Compl	iant)
Optic type	Medium beam	Control gear failure rate at median useful	
Optical cover type	Acrylic toothed	life 50000 h	
Luminaire light beam spread	22°	Lumen maintenance at median useful	L80
Unified glare rating CEN	Not applicable	life* 50000 h	
Operating and Electrical		Application Conditions	
Input Voltage	220 to 240 V	Performance ambient temperature Tq	25 ℃
Line Frequency	50 to 60 Hz	Maximum dim level	Not applicable
Inrush current	18 A	Suitable for random switching	No
Inrush time	0.25 ms		
Power Consumption	10 W	Product Data	
Power Factor (Fraction)	0.9	Order product name	GD601B 12S/830 PSU-E MB CP WH
Connection	Push-in connector and pull relief	Full product name	GD601B 12S/830 PSU-E MB CP WH
Cable	-	Full product code	871869688420100
Number of products on MCB of 16 A type	34	Order code	910500458291
В		Material Nr. (12NC)	910500458291
		Numerator - Quantity Per Pack	1
Temperature		EAN/UPC - Product/Case	8718696884201
Ambient temperature range			1
	+10 to +40 °C	Numerator - Packs per outer box	1
	+10 to +40 °C	EAN/UPC - Case	8718696884201
Controls and Dimming	+10 to +40 °C	·	
Controls and Dimming Dimmable	+10 to +40 °C No	·	

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### Dimensional drawing









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