# **PHILIPS** Lighting



# StoreFlux gen3 rim

# GD601B 39S/830 PSU-E MB CP WH

StoreFlux3, LED Module, system flux 3900 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	LED39S [LED Module, system flux 3900 lm]	Remarks	*- According to the Lighting Europe guidance
Light source replaceable	No		paper 'Evaluating performance of LED based
Number of gear units	Unit		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	GD601B [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

Lig		

Luminous Flux	3,900 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	123.80952380952381 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	28°
Unified Glare Rating (CEN)	Not applicable

#### 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	31.5 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

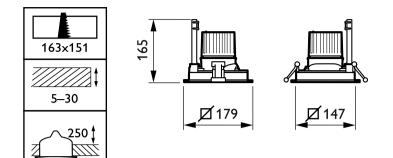
	Controls and Dimming	
	Dimmable	No
Control interface	Driver/power unit/transformer	Power supply unit external (On/Off)
	Control interface	-
Constant light output No	Constant light output	No

+10 to +40 °C

Mechanical and Housing	
	Charl
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	179 mm
Overall width	179 mm
Overall height	165 mm
Dimensions (height x width x depth)	165 x 179 x 179 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 Compliant)	)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	liant)
Control gear failure rate at median	5%
useful life 50,000 h	
Lumen maintenance at median useful	L80
life* 50,000 h	
Application Conditions	
Performance ambient temperature To	25 °C
Performance ambient temperature Tq Maximum dim level	25 °C
Maximum dim level	Not applicable
Maximum dim level	Not applicable
Maximum dim level Suitable for random switching Product Data	Not applicable
Maximum dim level Suitable for random switching Product Data Order product name	Not applicable No GD601B 39S/830 PSU-E MB CP WH
Maximum dim level Suitable for random switching Product Data Order product name Full product name	Not applicable No GD601B 39S/830 PSU-E MB CP WH GD601B 39S/830 PSU-E MB CP WH
Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC	Not applicable No GD601B 395/830 PSU-E MB CP WH GD601B 395/830 PSU-E MB CP WH 871869688116300
Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code	Not applicable No GD601B 39S/830 PSU-E MB CP WH GD601B 39S/830 PSU-E MB CP WH 871869688116300 88116300
Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)	Not applicable No GD601B 39S/830 PSU-E MB CP WH GD601B 39S/830 PSU-E MB CP WH 871869688116300 88116300 910500458192
Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	Not applicable No GD601B 395/830 PSU-E MB CP WH GD601B 395/830 PSU-E MB CP WH 871869688116300 88116300 910500458192 1
Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack EAN/UPC – Product/Case	Not applicable No GD601B 395/830 PSU-E MB CP WH GD601B 395/830 PSU-E MB CP WH 871869688116300 88116300 910500458192 1 8718696881163
Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	Not applicable No GD601B 395/830 PSU-E MB CP WH GD601B 395/830 PSU-E MB CP WH 871869688116300 88116300 910500458192 1

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## Dimensional drawing





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