StoreFlux gen3 rim

GD601B LED20S/830 PSU-E NB WH-WH

StoreFlux3, LED Module, system flux 2000 lm, 830 warm white, Power supply unit external (On/Off), Narrow 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		Number of gear units	1 unit
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Driver included	Yes
Light source replaceable	No		

StoreFlux gen3 rim

Remarks	*-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 B10. Therefore, the median useful life (B50) value also represents the B10 value.	**Control interface**	–
		Constant light output	No
Service tag	Yes		
Product family code	GD601B [StoreFlux3]	**Mechanical and Housing**	
Lighting Technology	LED	**Housing Material**	Steel
Value ladder	Specification	**Reflector material**	Polycarbonate
CE mark	Yes	**Optic material**	Polycarbonate
Warranty period	5 years	**Optical cover material**	Glass
Flammability mark	For mounting on normally flammable surfaces	**Fixation material**	Steel
ENEC mark	ENEC mark	**Housing Color**	White and white
Glow-wire test	Temperature 650 °C, duration 5 s	**Optical cover finish**	Clear
EU RoHS compliant	Yes	**Overall length**	179 mm
		Overall width	179 mm
Light Technical		**Overall height**	165 mm
Luminous Flux	2,000 lm	**Dimensions (Height x Width x Depth)**	165 x 179 x 179 mm
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	102.0408163265306 lm/W	**Approval and Application**	
Color rendering index (CRI)	≥80	**Ingress protection code**	IP20 [Finger-protected]
Number of light sources	1	**Mech. impact protection code**	IK02 [0.2 J standard]
Beam angle of light source	120 degree(s)	**Protection class IEC**	Safety class II
Light source color	830 warm white		
Optic type	Narrow beam	**Initial Performance (IEC Compliant)**	
Optical cover type	Clear glass	**Luminous flux tolerance**	+/-10%
Luminaire light beam spread	10°	**Initial chromaticity**	(0.43, 0.40) SDCM <3
Unified glare rating CEN	Not applicable	**Power consumption tolerance**	+/-10%
Operating and Electrical		**Over Time Performance (IEC Compliant)**	
Input Voltage	220 to 240 V	**Control gear failure rate at median useful life 50000 h**	5 %
Line Frequency	50 to 60 Hz		
Inrush current	6.1 A	**Lumen maintenance at median useful life* 50000 h**	L80
Inrush time	0.31 ms		
Power Consumption	19.6 W		
Power Factor (Fraction)	0.9	**Application Conditions**	
Connection	Push-in connector and pull relief	**Performance ambient temperature Tq**	25 °C
Cable	–	**Maximum dim level**	Not applicable
Number of products on MCB of 16 A type B	34	**Suitable for random switching**	No
Temperature		**Product Data**	
Ambient temperature range	+10 to +40 °C	**Order product name**	GD601B LED20S/830 PSU-E NB WH-WH
		Full product name	GD601B LED20S/830 PSU-E NB WH-WH
Controls and Dimming		**Full product code**	871869688421800
Dimmable	No	**Order code**	910500458292
Driver/power unit/transformer	Power supply unit external (On/Off)	**Material Nr. (12NC)**	910500458292
		Numerator – Quantity Per Pack	1
		EAN/UPC – Product/Case	8718696884218
		Numerator – Packs per outer box	1
		EAN/UPC – Case	8718696884218

StoreFlux gen3 rim

Dimensional drawing

163x151

5–30

250

165

⌀ 179

⌀ 147

www.lighting.philips.com

2023, December 5 – data subject to change