



StoreFlux gen3 rim

GD603B 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	
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Light source replaceable	No

Number of gear units	3 units
Driver included	Yes

Datasheet, 2023, December 5 data subject to change

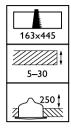
StoreFlux gen3 rim

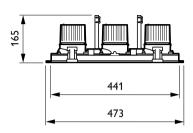
Remarks	*-Per Lighting Europe guidance paper	Driver/power unit/transfe
	"Evaluating performance of LED based	Control interface
	luminaires - January 2018": statistically there	Constant light output
	is no relevant difference in lumen maintenance	
	between B50 and for example B10. Therefore,	Mechanical and Hous
	the median useful life (B50) value also	Housing Material
	represents the B10 value.	Reflector material
Product family code	GD603B [StoreFlux3]	Optic material
Lighting Technology	LED	Optical cover material
Value ladder	Specification	Fixation material
CE mark	Yes	Housing Color
Warranty period	5 years	Optical cover finish
Flammability mark	For mounting on normally flammable surfaces	Overall length
ENEC mark	ENEC mark	Overall width
Glow-wire test	Temperature 650 °C, duration 5 s	Overall height
EU RoHS compliant	Yes	Dimensions (Height x Wio
Light Technical		Approval and Applica
Luminous Flux	2,000 lm	Ingress protection code
Correlated Color Temperature (Nom)	3000 K	Mech. impact protection
Luminous Efficacy (rated) (Nom)	95 lm/W	Protection class IEC
Color rendering index (CRI)	≥80	- Fotection class IEC
Number of light sources	3	Initial Performance (II
Beam angle of light source	120 degree(s)	Luminous flux tolerance
Light source color	830 warm white	
Optic type	Narrow beam	Initial chromaticity Power consumption toler
Optical cover type	Clear glass	- Fower Consumption toter
Luminaire light beam spread	10°	Application Condition
		Application Condition
Operating and Electrical		Performance ambient ten
Input Voltage	220 to 240 V	Maximum dim level
Line Frequency	50 to 60 Hz	Suitable for random swite
Inrush current	6.1 A	Duradicat Data
Inrush time	0.31 ms	Product Data
Power Consumption	21 W	Order product name
<u>-</u>	0.9	Full product name
Power Factor (Fraction)	·	Full product code
Connection	Push-in connector and pull relief	Order code
Cable	-	Material Nr. (12NC)
Number of products on MCB of 16 A	34	Numerator - Quantity Pe
type B		EAN/UPC - Product/Case
		Numerator - Packs per ou
Temperature		EAN/UPC - Case
Ambient temperature range	+10 to +40 °C	
Controls and Dimming		
Dimmable	No	

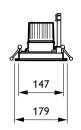
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Steel
Housing Color	White and white
Optical cover finish	Clear
Overall length	473 mm
Overall width	179 mm
Overall height	165 mm
Dimensions (Height x Width x Depth)	165 x 179 x 473 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IKO2 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Complian	t)
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	GD603B LED20S/830 PSU-E NB WH-WH
Full product name	GD603B LED20S/830 PSU-E NB WH-WH
Full product code	871869688426300
Order code	910500458297
Material Nr. (12NC)	910500458297
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696884263
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696884263

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.