



StoreFlux gen3 rimless

GD612B 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, Safety class II, 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.

Product data

General Information			
Lamp family code	LED20S [LED Module, system flux 2000 lm]	CE mark	Yes
Light source replaceable	No	Warranty period	5 years
Number of gear units	2 units	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	ENEC mark	ENEC mark
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is 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.	Glow-wire test	Temperature 650 °C, duration 5 s
Product family code	GD612B [StoreFlux3]	EU RoHS compliant	Yes
Lighting Technology	LED	Light Technical	
Value ladder	Specification	Luminous Flux	4,000 lm
		Correlated Colour Temperature	3000 K
		Luminous efficacy (rated) (nom.)	102.0408163265306 lm/W
		Colour rendering index (CRI)	≥80
		Beam angle of light source	120 degree(s)
		Light source colour	830 warm white

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Optic type	Narrow beam
Optical cover type	Clear glass
Luminaire light beam spread	10°
Unified Glare Rating (CEN)	Not applicable

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	6.1 A
Inrush time	0.31 ms
Power Consumption	21 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	34

Temperature

Ambient temperature range	+10 to +40 °C
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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/lens material	Glass
Fixation material	Steel
Housing Colour	White and white
Optical cover/lens finish	Clear
Overall length	294 mm
Overall width	147 mm

Overall height	165 mm
Dimensions (height x width x depth)	165 x 147 x 294 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 Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

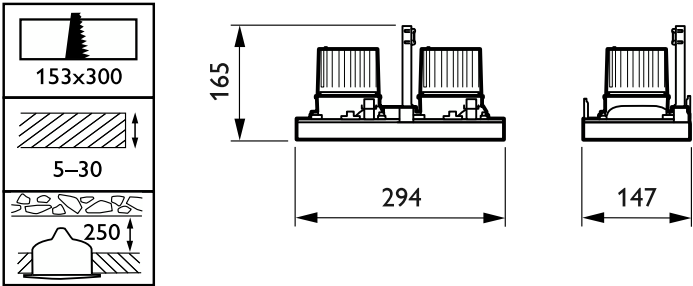
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Order product name	GD612B LED20S/830 PSU-E NB WH-WH
Full product name	GD612B LED20S/830 PSU-E NB WH-WH
Full EOC	871869691069600
Order code	91069600
Material no. (12 NC)	910500458453
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696910696
Numerator – packs per outer box	1
EAN/UPC – Case	8718696910696

Dimensional drawing



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