



StoreFlux gen3 rim

GD603B LED27S/830 PSU-E MB WH-WH

StoreFlux3, LED Module, system flux 2700 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	LED27S [LED Module, system flux 2700 lm]
Light source replaceable	No

Number of gear units	3 units
Driver included	Yes

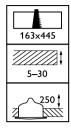
Datasheet, 2023, December 5 data subject to change

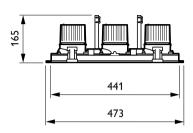
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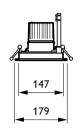
	*-Per Lighting Europe guidance paper "Evaluating performance of LED based	Constant light output	No
	luminaires - January 2018": statistically there	Constant light output	NO
	is no relevant difference in lumen	Mechanical and Housing	
	maintenance between B50 and for example	Housing Material	Steel
	B10. Therefore, the median useful life (B50)	Reflector material	Polycarbonate
	value also represents the B10 value.	Optic material	Polycarbonate
Service tag	Yes	Optical cover material	Polycarbonate
Product family code	GD603B [StoreFlux3]	Fixation material	Steel
Lighting Technology	LED	Housing Color	White and white
Value ladder	Specification	Optical cover finish	Clear
CE mark	Yes	Overall length	473 mm
Warranty period	5 years	Overall width	179 mm
Flammability mark	For mounting on normally flammable	Overall height	165 mm
	surfaces	Dimensions (Height x Width x Depth)	165 x 179 x 473 mm
ENEC mark	ENEC mark		
Glow-wire test	Temperature 650 °C, duration 5 s	Approval and Application	
EU RoHS compliant	Yes	Ingress protection code	IP20 [Finger-protected]
		Mech. impact protection code	IK02 [0.2 J standard]
Light Technical		Protection class IEC	Safety class II
Luminous Flux	8,100 lm		
Correlated Color Temperature (Nom)	3000 K	Initial Performance (IEC Compliant)
Luminous Efficacy (rated) (Nom)	120 lm/W	Luminous flux tolerance	+/-10%
Color rendering index (CRI)	≥80	Initial chromaticity	(0.43, 0.40) SDCM <3
Number of light sources	3	Power consumption tolerance	+/-10%
Number of light source Beam angle of light source	3 120 degree(s)	Power consumption tolerance	+/-10%
		Power consumption tolerance Over Time Performance (IEC Comp	. ·
Beam angle of light source	120 degree(s)	·	liant)
Beam angle of light source Light source color Optic type Optical cover type	120 degree(s) 830 warm white Medium beam Acrylic toothed	Over Time Performance (IEC Comp	liant)
Beam angle of light source Light source color Optic type Optical cover type Luminaire light beam spread	120 degree(s) 830 warm white Medium beam Acrylic toothed 24°	Over Time Performance (IEC Comp	liant)
Beam angle of light source Light source color Optic type Optical cover type	120 degree(s) 830 warm white Medium beam Acrylic toothed	Over Time Performance (IEC Comp Control gear failure rate at median usefu life 50000 h	liant)
Beam angle of light source Light source color Optic type Optical cover type Luminaire light beam spread Unified glare rating CEN	120 degree(s) 830 warm white Medium beam Acrylic toothed 24°	Over Time Performance (IEC Comp Control gear failure rate at median usefu life 50000 h Lumen maintenance at median useful life* 50000 h	liant)
Beam angle of light source Light source color Optic type Optical cover type Luminaire light beam spread Unified glare rating CEN Operating and Electrical	120 degree(s) 830 warm white Medium beam Acrylic toothed 24° Not applicable	Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful	liant) L 5 % L80
Beam angle of light source Light source color Optic type Optical cover type Luminaire light beam spread Unified glare rating CEN Operating and Electrical Input Voltage	120 degree(s) 830 warm white Medium beam Acrylic toothed 24° Not applicable	Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	liant)
Beam angle of light source Light source color Optic type Optical cover type Luminaire light beam spread Unified glare rating CEN Operating and Electrical Input Voltage Line Frequency	120 degree(s) 830 warm white Medium beam Acrylic toothed 24° Not applicable 220 to 240 V 50 to 60 Hz	Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	liant) L 5 % L80
Beam angle of light source Light source color Optic type Optical cover type Luminaire light beam spread Unified glare rating CEN Operating and Electrical Input Voltage Line Frequency Inrush current	120 degree(s) 830 warm white Medium beam Acrylic toothed 24° Not applicable 220 to 240 V 50 to 60 Hz 18 A	Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	liant) 1 5 % L80 25 °C
Beam angle of light source Light source color Optic type Optical cover type Luminaire light beam spread Unified glare rating CEN Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time	120 degree(s) 830 warm white Medium beam Acrylic toothed 24° Not applicable 220 to 240 V 50 to 60 Hz 18 A 0.25 ms	Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	Liant) L 5 % L80 25 °C Not applicable
Beam angle of light source Light source color Optic type Optical cover type Luminaire light beam spread Unified glare rating CEN Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption	120 degree(s) 830 warm white Medium beam Acrylic toothed 24° Not applicable 220 to 240 V 50 to 60 Hz 18 A 0.25 ms 23.5 W	Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	Liant) L 5 % L80 25 °C Not applicable No
Beam angle of light source Light source color Optic type Optical cover type Luminaire light beam spread Unified glare rating CEN Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction)	120 degree(s) 830 warm white Medium beam Acrylic toothed 24° Not applicable 220 to 240 V 50 to 60 Hz 18 A 0.25 ms 23.5 W 0.9	Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name	Liant) L 5 % L80 25 °C Not applicable No GD603B LED27S/830 PSU-E MB WH-WH
Beam angle of light source Light source color Optic type Optical cover type Luminaire light beam spread Unified glare rating CEN Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection	120 degree(s) 830 warm white Medium beam Acrylic toothed 24° Not applicable 220 to 240 V 50 to 60 Hz 18 A 0.25 ms 23.5 W 0.9 Push-in connector and pull relief	Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name	Liant) L 5 % L80 25 °C Not applicable No GD603B LED275/830 PSU-E MB WH-WH GD603B LED275/830 PSU-E MB WH-WH
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Beam angle of light source Light source color Optic type Optical cover type Luminaire light beam spread Unified glare rating CEN Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable	120 degree(s) 830 warm white Medium beam Acrylic toothed 24° Not applicable 220 to 240 V 50 to 60 Hz 18 A 0.25 ms 23.5 W 0.9 Push-in connector and pull relief -	Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	Liant) L 5 % L80 25 °C Not applicable No GD603B LED27S/830 PSU-E MB WH-WH GD603B LED27S/830 PSU-E MB WH-WH 871869688427000 910500458298 910500458298
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Dimensional drawing









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