



StoreFlux – powerful LED accent lighting that blends perfectly in the store architecture

StoreFlux gen3 rim

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.

Benefits

- High-quality accent lighting thanks to PerfectAccent reflector's light signature
- Short payback compared with CDM luminaires due to high system efficacy
- Efficient and low-maintenance thanks to LED technology

Features

- Multiple accent light sources in one luminaire (1, 2, 3 or 4 LED modules)
- High lumen packages: up to 3900 lm per module (up to 3 head version)
- Rim version; rimless variant available; different RAL color combinations possible
- Ease of installation and maintenance (separate installation frame; replaceable LED light engines and reflectors)

Application

- Retail; fashion
- Hospitality

StoreFlux gen3 rim

Specifications

Type	GD601B (rim, 1 head version)
	GD602B (rim, 2 head version)
	GD603B (rim, 3 head version)
	GD604B (rim, 4 head in a row version)
	GD605B (rim, 4 head in a square version)
Light source	Non-replaceable LED module
Power (per head)	LED11S: 16.5 W
	LED12S: 12.5 W
	LED20S: 20 W
	LED17S: 16 W
	LED27S: 25 W
	LED39S: 39 W
Beam angle	LED12S/17S/27S/39S: 29 and 35°,
	LED11S/20S: 10°
Luminous flux (at 3000 K)	LED11S: 1100 lm
	LED12S: 1200 lm
	LED20S: 2000 lm
	LED17S: 1700 lm
	LED27S: 2700 lm
	LED39S: 3900 lm
Correlated Color Temperature	2700, 3000 or 4000 K and CrispWhite
Color Rendering Index	80 90 (light color 930) >95 (CRW)
Median useful life L70B50	70,000 hours

Median useful life L80B50	50,000 hours
Median useful life L90B50	25,000 hours
Driver failure rate	1% per 5000 hours
Average ambient temperature	+25 °C
Operating temperature range	+10 to +35 °C
Driver	Separate
Mains voltage	230 or 240 V / 50-60 Hz
Dimming	DALI
Material	Housing: aluminum, steel
	Front glass: acrylic
Color	White (WH-WH)
	Housing, heads and rim can have different color combinations (WH-WH, BK-BK, GR-BK, WH-BK)
Optical cover	Acrylic
Connection	Push-in connector; 3-pole push-in with loop-through (CU3); 5-pole push-in with loop-through (CU5)
Cable options	0.5 m cable with 3-pole Wieland / Adels plug (CW); 0.5 m cable with 3-pole Wieland / Adels plug & lock (CW-L); 1 m cable with external BST14 DALI connector (C1KBST2)
Maintenance	Replaceable light engines and driver
Installation	Fixation by means of spring fasteners
Remarks:	Optical unit tiltable over 30°
	360° rotation of the optical unit

Versions



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Product details

Bottom view excluding drivers



Top view excluding drivers



Side view of rotation system



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Application Conditions

Ambient temperature range	+10 to +40 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Voltage	220 to 240 V
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General Information

Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class II (II)
Optical cover/lens type	ACT
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Glow-wire test	650/5
Light source replaceable	No
Optic type	MB

Initial Performance (IEC Compliant)

Initial chromaticity	(0.43, 0.40) SDCM <3
Init. Corr. Colour Temperature	3000 K
Init. Colour Rendering Index	≥80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Colour	White and white
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General Information

Order Code	Full Product Name	Lamp family code	Number of gear units	Number of light sources	Product Family Code
88118700	GD602B LED27S/830 PSU-E MB WH-WH	LED27S	2 units	2	GD602B
88119400	GD602B LED39S/830 PSU-E MB WH-WH	LED39S	2 units	2	GD602B
88422500	GD602B LED12S/830 PSU-E MB WH-WH	LED12S	2 units	2	GD602B
88420100	GD601B LED12S/830 PSU-E MB WH-WH	LED12S	1 unit	1	GD601B
88425600	GD603B LED17S/830 PSU-E MB WH-WH	LED17S	3 unit	3	GD603B

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
88118700	GD602B LED27S/830 PSU-E MB WH-WH	120 lm/W	5400 lm	23.5 W
88119400	GD602B LED39S/830 PSU-E MB WH-WH	123.80952380952381 lm/W	7800 lm	32 W
88422500	GD602B LED12S/830 PSU-E MB WH-WH	120 lm/W	2400 lm	10.2 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
88420100	GD601B LED12S/830 PSU-E MB WH-WH	120 lm/W	1200 lm	10 W
88425600	GD603B LED17S/830 PSU-E MB WH-WH	118.05555555555556 lm/W	5100 lm	13.8 W

