



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

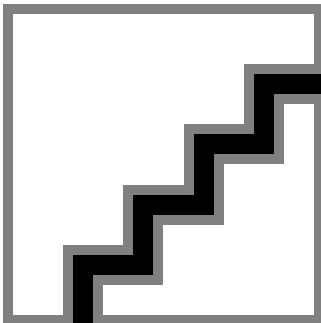
StoreFlux gen3 rim

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



StoreFlux GD601B recessed rim LED gridlight



StoreFlux GD602B recessed rim LED gridlight

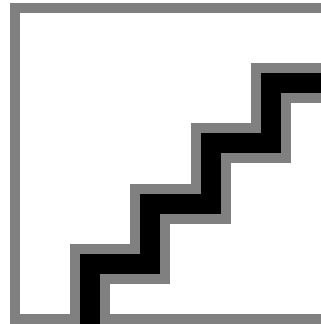
StoreFlux gen3 rim

Versions

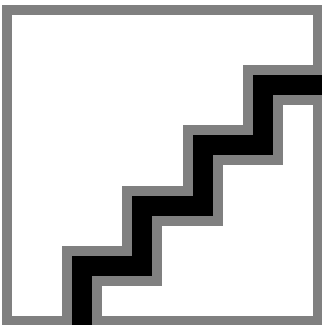


StoreFlux GD603B recessed rim
LED gridlight

Product details



IPDP_GD601Bi_0003-Detail
photo



IPDP_GD601Bi_0005-Detail
photo

StoreFlux gen3 rim

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
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Service tag	Yes

Initial Performance (IEC Compliant)

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

Mechanical and Housing

Color	White and white
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General Information (1/2)

Order Code	Full Product Name	Optical cover/ lens type	Lamp	Number of gear units	Number of light sources
			family code		
910500458190	GD601B LED17S/830 PSU-E MB WH-WH	Acrylic toothed	LED17S	1 unit	1 pc
910500458191	GD601B LED27S/830 PSU-E MB WH-WH	Acrylic toothed	LED27S	1 unit	1 pc
910500458192	GD601B LED39S/830 PSU-E MB WH-WH	Acrylic toothed	LED39S	1 unit	1 pc
910500458291	GD601B LED12S/830 PSU-E MB WH-WH	Acrylic toothed	LED12S	1 unit	1 pc
910500458292	GD601B LED20S/830 PSU-E NB WH-WH	Clear glass	LED20S	1 unit	1 pc
910500458193	GD602B LED17S/830 PSU-E MB WH-WH	Acrylic toothed	LED17S	2 units	2 pcs
910500458194	GD602B LED27S/830 PSU-E MB WH-WH	Acrylic toothed	LED27S	2 units	2 pcs
910500458195	GD602B LED39S/830 PSU-E MB WH-WH	Acrylic toothed	LED39S	2 units	2 pcs
910500458293	GD602B LED12S/830 PSU-E MB WH-WH	Acrylic toothed	LED12S	2 units	2 pcs
910500458294	GD602B LED20S/830 PSU-E NB WH-WH	Clear glass	LED20S	2 units	2 pcs
910500458296	GD603B LED17S/830 PSU-E MB WH-WH	Acrylic toothed	LED17S	3 units	3 pcs
910500458298	GD603B LED27S/830 PSU-E MB WH-WH	Acrylic toothed	LED27S	3 units	3 pcs
910500458299	GD603B LED39S/830 PSU-E MB WH-WH	Acrylic toothed	LED39S	3 units	3 pcs

General Information (2/2)

Order Code	Full Product Name	Optic type	Product
			Family Code
910500458190	GD601B LED17S/830 PSU-E MB WH-WH	Medium beam	GD601B
910500458191	GD601B LED27S/830 PSU-E MB WH-WH	Medium beam	GD601B
910500458192	GD601B LED39S/830 PSU-E MB WH-WH	Medium beam	GD601B
910500458291	GD601B LED12S/830 PSU-E MB WH-WH	Medium beam	GD601B
910500458292	GD601B LED20S/830 PSU-E NB WH-WH	Narrow beam	GD601B

Order Code	Full Product Name	Optic type	Product
			Family Code
910500458193	GD602B LED17S/830 PSU-E MB WH-WH	Medium beam	GD602B
910500458194	GD602B LED27S/830 PSU-E MB WH-WH	Medium beam	GD602B
910500458195	GD602B LED39S/830 PSU-E MB WH-WH	Medium beam	GD602B
910500458293	GD602B LED12S/830 PSU-E MB WH-WH	Medium beam	GD602B

StoreFlux gen3 rim

Order Code	Full Product Name	Optic type	Product	
			Family Code	
910500458294	GD602B LED20S/830 PSU-E NB WH-WH	Narrow beam	GD602B	
910500458296	GD603B LED17S/830 PSU-E MB WH-WH	Medium beam	GD603B	

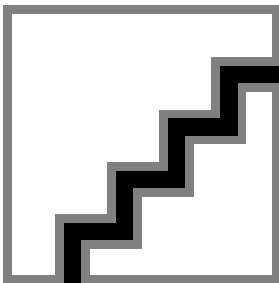
Order Code	Full Product Name	Optic type	Product	
			Family Code	
910500458298	GD603B LED27S/830 PSU-E MB WH-WH	Medium beam	GD603B	
910500458299	GD603B LED39S/830 PSU-E MB WH-WH	Medium beam	GD603B	

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910500458190	GD601B LED17S/830 PSU-E MB WH-WH	118.05555555555556 lm/W	1700 lm	14.4 W
910500458191	GD601B LED27S/830 PSU-E MB WH-WH	120 lm/W	2700 lm	22.5 W
910500458192	GD601B LED39S/830 PSU-E MB WH-WH	123.80952380952381 lm/W	3900 lm	31.5 W
910500458291	GD601B LED12S/830 PSU-E MB WH-WH	120 lm/W	1200 lm	10 W
910500458292	GD601B LED20S/830 PSU-E NB WH-WH	102.0408163265306 lm/W	2000 lm	19.6 W
910500458193	GD602B LED17S/830 PSU-E MB WH-WH	118.05555555555556 lm/W	3400 lm	13.8 W
910500458194	GD602B LED27S/830 PSU-E MB WH-WH	120 lm/W	5400 lm	23.5 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910500458195	GD602B LED39S/830 PSU-E MB WH-WH	123.80952380952381 lm/W	7800 lm	32 W
910500458293	GD602B LED12S/830 PSU-E MB WH-WH	120 lm/W	2400 lm	10.2 W
910500458294	GD602B LED20S/830 PSU-E NB WH-WH	102.0408163265306 lm/W	4000 lm	21 W
910500458296	GD603B LED17S/830 PSU-E MB WH-WH	118.05555555555556 lm/W	5100 lm	13.8 W
910500458298	GD603B LED27S/830 PSU-E MB WH-WH	120 lm/W	8100 lm	23.5 W
910500458299	GD603B LED39S/830 PSU-E MB WH-WH	123.80952380952381 lm/W	11700 lm	32 W

Polar Wide Diagrams



IFPS_GD601B 1xLED12S/827 MB-Polar Normal (separate)

