



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

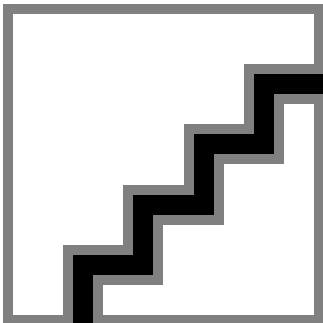
- Retail; fashion
- Hospitality

StoreFlux gen3 rim

Specifications

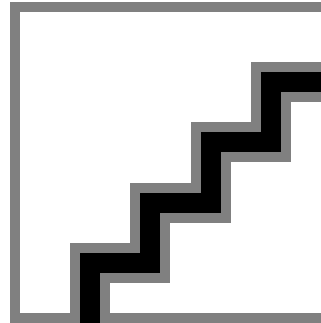
Type	GD601B (rim, 1 head version)	Median useful life L80B50	50,000 hours	
	GD602B (rim, 2 head version)			
	GD603B (rim, 3 head version)			
	GD604B (rim, 4 head in a row version)			
	GD605B (rim, 4 head in a square version)			
Light source	Non-replaceable LED module	Median useful life L90B50	25,000 hours	
Power (per head)	LED11S: 16.5 W		Driver failure rate	1% per 5000 hours
	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°,	Average ambient temperature	+25 °C	
	LED11S/20S: 10°			
Luminous flux (at 3000 K)	LED11S: 1100 lm	Operating temperature range	+10 to +35 °C	
	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	Driver	Separate	
Color Rendering Index	80	Mains voltage	230 or 240 V / 50-60 Hz	
	90 (light color 930)	Dimming	DALI	
	>95 (CRW)	Material	Housing: aluminum, steel Front glass: acrylic	
Median useful life L70B50	70,000 hours	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

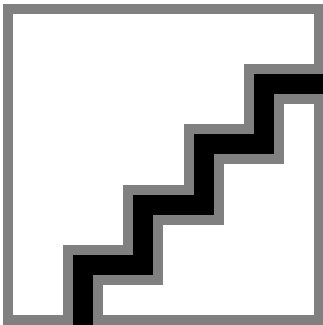


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Product details



IPDP_GD601Bi_0003-Detail photo



IPDP_GD601Bi_0005-Detail photo

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	F
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No

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 (1/2)

Order Code	Full Product Name	Optical			
		cover/lens type	Lamp family code	Number of gear units	Number of light sources
88114900	GD601B LED17S/830 PSU-E MB WH-WH	ACT	LED17S	1 unit	1
88115600	GD601B LED27S/830 PSU-E MB WH-WH	ACT	LED27S	1 unit	1
88116300	GD601B LED39S/830 PSU-E MB WH-WH	ACT	LED39S	1 unit	1
88420100	GD601B LED12S/830 PSU-E MB WH-WH	ACT	LED12S	1 unit	1
88421800	GD601B LED20S/830 PSU-E NB WH-WH	GC	LED20S	1 unit	1
88117000	GD602B LED17S/830 PSU-E MB WH-WH	ACT	LED17S	2 units	2
88118700	GD602B LED27S/830 PSU-E MB WH-WH	ACT	LED27S	2 units	2
88119400	GD602B LED39S/830 PSU-E MB WH-WH	ACT	LED39S	2 units	2
88422500	GD602B LED12S/830 PSU-E MB WH-WH	ACT	LED12S	2 units	2
88423200	GD602B LED20S/830 PSU-E NB WH-WH	GC	LED20S	2 units	2
88425600	GD603B LED17S/830 PSU-E MB WH-WH	ACT	LED17S	3 unit	3
88427000	GD603B LED27S/830 PSU-E MB WH-WH	ACT	LED27S	3 unit	3
88428700	GD603B LED39S/830 PSU-E MB WH-WH	ACT	LED39S	3 unit	3

General Information (2/2)

Order Code	Full Product Name	Optic type	Product Family		Order Code	Full Product Name	Optic type	Product Family	
			Code	Code				Code	Code
88114900	GD601B LED17S/830 PSU-E MB WH-WH	MB	GD601B		88119400	GD602B LED39S/830 PSU-E MB WH-WH	MB	GD602B	
88115600	GD601B LED27S/830 PSU-E MB WH-WH	MB	GD601B		88422500	GD602B LED12S/830 PSU-E MB WH-WH	MB	GD602B	
88116300	GD601B LED39S/830 PSU-E MB WH-WH	MB	GD601B		88423200	GD602B LED20S/830 PSU-E NB WH-WH	NB	GD602B	
88420100	GD601B LED12S/830 PSU-E MB WH-WH	MB	GD601B		88425600	GD603B LED17S/830 PSU-E MB WH-WH	MB	GD603B	
88421800	GD601B LED20S/830 PSU-E NB WH-WH	NB	GD601B		88427000	GD603B LED27S/830 PSU-E MB WH-WH	MB	GD603B	
88117000	GD602B LED17S/830 PSU-E MB WH-WH	MB	GD602B		88428700	GD603B LED39S/830 PSU-E MB WH-WH	MB	GD603B	
88118700	GD602B LED27S/830 PSU-E MB WH-WH	MB	GD602B						

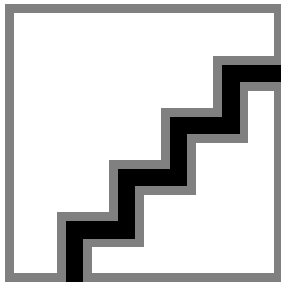
Initial Performance (IEC Compliant)

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Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
88114900	GD601B LED17S/830 PSU-E MB WH-WH	118.05555555555556 lm/W	1700 lm	14.4 W
88115600	GD601B LED27S/830 PSU-E MB WH-WH	120 lm/W	2700 lm	22.5 W
88116300	GD601B LED39S/830 PSU-E MB WH-WH	123.80952380952381 lm/W	3900 lm	31.5 W
88420100	GD601B LED12S/830 PSU-E MB WH-WH	120 lm/W	1200 lm	10 W
88421800	GD601B LED20S/830 PSU-E NB WH-WH	102.0408163265306 lm/W	2000 lm	19.6 W
88117000	GD602B LED17S/830 PSU-E MB WH-WH	118.05555555555556 lm/W	3400 lm	13.8 W
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

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
88422500	GD602B LED12S/830 PSU-E MB WH-WH	120 lm/W	2400 lm	10.2 W
88423200	GD602B LED20S/830 PSU-E NB WH-WH	102.0408163265306 lm/W	4000 lm	21 W
88425600	GD603B LED17S/830 PSU-E MB WH-WH	118.05555555555556 lm/W	5100 lm	13.8 W
88427000	GD603B LED27S/830 PSU-E MB WH-WH	120 lm/W	8100 lm	23.5 W
88428700	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)

