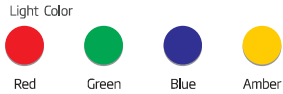


Flexglo™ F15B Monochrome - Colorful Light (Silicone)



Certification Mark	UL	CE	RoHS
Test Standard/Directive	UL2108 Class 2	CE-EMC	IS 10322
Certificate Serial Number	20180801-E360029	SZEM1712012372LMV	R-41128376
Report Reference	E360029-20130322	SZEM171201237201	NO,20190425001



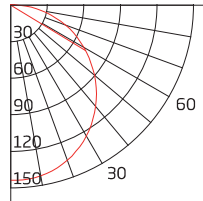
Ambient Working Temperature $\leq 8W/m$ -40 ~ 60°C / -40 ~ 140°F $12W/m$ -40 ~ 55°C / -40 ~ 131°F	Ambient Installation Temperature $\geq -40^{\circ}C$ / -40°F	Storage Temperature $-40 \sim 60^{\circ}C$ / -40 ~ 140°F
	Max. Mounting Surface Temperature $85^{\circ}C$ / 185°F	Constant Current DC24V

specified in the non-working state of light.

C-SFR-F15B-HB



C-SFR-F15B-HB-24CC-G-WM-72-12W-83.3



UNIT: cd
-C90/270

Min. Bending Diameter 120mm/4.72in	Min. Cutting Length 125mm/4.92in, 9LEDs 83.3mm/3.28in, 6LEDs	LIGHT SURFACE Horizontal Bending
Bending-extreme 4526 times	Tensile-instantaneous >60 kg.f	Twist-extreme 3542 times

AVERAGE BEAM ANGLE (50%): 114.0°

Warning: Extreme Destructive Tests in laboratory only, and it's forbidden to operate in practice.

Note:

- The illuminated light length shall be an integral multiple of min. cutting length.
- The waterproof reliability of the lighting fixture depends on the IP rating of connector, and please make sure connector is properly assembled before installation. The highest IP rating we can achieve is IP68.

Item Code

C	SFR	F15B	HB	24CC	G	WM	72	12W	83.3
Company	Material	Product Series	Bending Direction	Voltage & Circuit Type	Color	Base & Lighting Surface	LEDs Qty/m	Power/m	Min. Cutting Length (mm)
Clear	SFR= Silicone Flex Ribbon	F15B= Monochrome	HB= Horizontal Bending	DC24V & Constant Current	R=Red A=Amber G=Green B=Blue	WM= White & Milky	72	8W 12W	166.7 83.3

Feature

Flexglo™ F15B Monochrome - Colorful Light (Silicone), thanks to the excellent weatherproof and UV-resistant performance of silicone material, it features a wide ambient working temperature range of -40-55 °C , especially suitable for harsh environment application.



Multiple connector options are available for different applications. Combined with the adoption of the DryWire™ technology,

*The IP68 Injection-moulded Connector is engineered for outdoor use, owing to its elegant appearance and strong adhesiveness acquired by the liquid silicone injection workmanship,





*The IP67 Field Assembly Connector, which is underpinned by the Insulfit™ technology that enables quick assembly in the field along with waterproof reliability (proper assembly required).

This product features a ultra long lifespan in outdoor application by leveraging other ClearTech™ such as the PinBoost™ technology enhancing physical reliability of light engine, the TwinFlex™ technology improving the conductivity and optimizing heat dissipation performance, the C-Mask™ technology making the light body self-cleaning and anti-UV and enabling consistent illumination.

Electrical Parameter

Category	C-SFR-F15B-HB 	C-SFR-F15B-HB 
Voltage (V)	24	24
Current (mA/m)	333.3	500.0
Power (W/m)	8	12
Circuit Type	CC	CC
LED Type	2835	2835
LEDs Qty/m	72	72
LEDs Qty/unit	9	6
Unit/m	8	12
Min. Cutting Length (mm)	125	83,3
Min. Cutting Length (in)	4.92	3.28

Optical Parameter

Item Code	Finished Product				LED
	Color	Wavelength	Lumen/m	Lumen/ft	Color Tolerance
C-SFR-F15B-HB-24CC-R-WM-72-8W-125	 Red	618-624nm	130lm	40lm	<3nm
C-SFR-F15B-HB-24CC-G-WM-72-12W-83,3	 Green	522-528nm	350lm	107lm	<3nm
C-SFR-F15B-HB-24CC-B-WM-72-12W-83,3	 Blue	468-474nm	70lm	21lm	<3nm
C-SFR-F15B-HB-24CC-A-WM-72-8W-125	 Amber	588-594nm	130lm	40lm	<3nm

Max. Running Length Input: DC24V

Type	Swivel Connector		Sleeve Connector		Snap Connector		Socket Connector		Silicone Injection-moulded Connector	
IP Rating	IP20		IP40		IP67		IP67		IP68	
Item Code	Single-end Feed	Double-end Feed	Single-end Feed	Double-end Feed	Single-end Feed	Double-end Feed	Single-end Feed	Double-end Feed	Single-end Feed	Double-end Feed
C-SFR-F15B-8W	7,5m/24,6ft	15m/49,2ft	20m/65,6ft	40m/131,2ft	20m/65,6ft	40m/131,2ft	20m/65,6ft	40m/131,2ft	20m/65,6ft	40m/131,2ft
C-SFR-F15B-12W	5m/16,4ft	10m/32,8ft	15m/49,2ft	30m/98,4ft	15m/49,2ft	30m/98,4ft	15m/49,2ft	30m/98,4ft	15m/49,2ft	30m/98,4ft
Dimension of Connector	Page F15 128		Page F15 131		Page F15 135		Page F15 140		Page F15 149	
Max.Packing Length	Page F15 198									

Note:

- Above conclusion is based on voltage drop testing result of the light with 0,3m (0,98ft) cable only.
- The maximum running length is based on the light in static full loading status.
- Above running length is only the light length excluding lengths of connectors. Please refer to the specific dimension of each connector.
- The delivery length might be subject to the maximum packing length.