

CROWN OPTO SHF-1



ITEM DESCRIPTION

With Crown OPTO SHF-1 we introduce a better solution for illumination of slim light boxes. Designed for depths ranging from 50 to 150 mm. This solution also allows you to reduce installation time and save up on module quantity. As they have a better light distribution pattern, you need less modules for 1m² compared to competitor solutions. Powered by top quality brand LED for the best performance these modules show extreme endurance at harsh working conditions (IP66) and have 5-year warranty with L80 at 60,000 hours.

APPLICATION

- Small depth light boxes
- Recommended depth 50-150 mm
- Red, green and blue colours available

FEATURES & BENEFITS

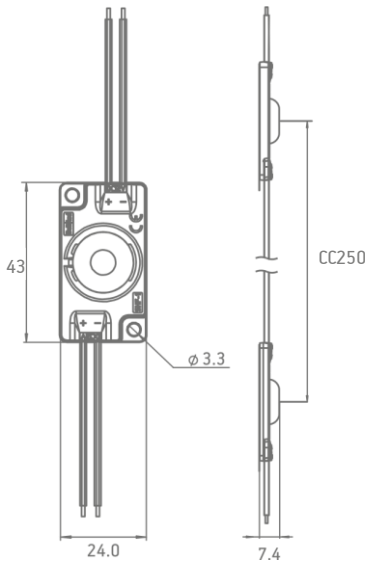
- Top quality LED
- Significantly wide beam angle
- Outstanding pitching
- Pure 3SDCM
- Mirroring wire connection for better module placing
- High waterproof class
- Aluminum PCB for the best thermal management
- Two side holes for module locking
- Slim design
- Thermal tape for easy heat dissipation
- Finger-lift for faster installation



GENERAL SPECIFICATIONS

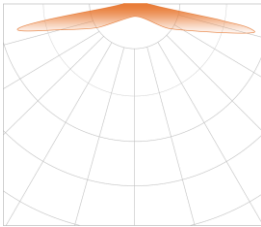
SUPPLY VOLTAGE	12 VDC 24 VDC
POWER	1.2 W, 0.5 W
CRI	80
RECOMMENDED DEPTH	from 50 to 150 mm
CC DISTANCE	250 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-20 °C ~ +50 °C
STORAGE TEMPERATURE	-30° ~ +60 °C
STORAGE CONDITIONS	Relative humidity <60%
CERTIFICATION	CE, RoHS and UKCA compliant
IP CLASS	IP66
LIFETIME	L80B10 60 000 h
WARRANTY	5 years (24/7)*

*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



* Dimensions are in mm

LIGHT DISTRIBUTION GRAPH



Beam angle: 176°

ORDERING INFORMATION

SKU	VOLTAGE	POWER, W	LUMEN OUTPUT, LM	COLOUR TEMP.
BMP-SHF1-830E0.5	12 VDC	0.5	69	3000 K
BMP-SHF1-840E0.5	12 VDC	0.5	72	4000 K
BMP-SHF1-870E0.5	12 VDC	0.5	74	6500 K
BMP-SHF1-RE0.5	12 VDC	0.5	27	RED
BMP-SHF1-830E1.2	12 VDC	1.2	138	3000 K
BMP-SHF1-840E1.2	12 VDC	1.2	144	4000 K
BMP-SHF1-870E1.2	12 VDC	1.2	147	6500 K
BMP-SHF1-830E0.5-24V	24 VDC	0.5	61	3000 K
BMP-SHF1-840E0.5-24V	24 VDC	0.5	65	4000 K
BMP-SHF1-870E0.5-24V	24 VDC	0.5	66	6500 K
BMP-SHF1-830E1.2-24V	24 VDC	1.2	124	3000 K
BMP-SHF1-840E1.2-24V	24 VDC	1.2	129	4000 K
BMP-SHF1-870E1.2-24V	24 VDC	1.2	132	6500 K

PACKAGING INFORMATION

	CHAIN	BAG	BOX
12VDC - 0.5W	40 pcs. (0.40 kg)	160 pcs. (1.61 kg)	960 pcs. (10kg)
12VDC - 1.2W	30 pcs. (0.30 kg)	180 pcs. (1.81 kg)	1080 pcs. (11.3 kg)
24VDC - 0.5W	80 pcs. (0.80 kg)	160 pcs. (1.61 kg)	960 pcs. (10 kg)
24VDC - 1.2W	60 pcs. (0.60 kg)	180 pcs. (1.81 kg)	1080 pcs. (11.3 kg)