

BAYBRITE FLARE

70 W / 80 W

Baybrite flare is a special designed, multi- functional LED luminaire to replace under canopy or Industrial Low- bay.



PRODUCT SPECIFICATIONS

Features & Benefits

- Delivers excellent illumination & comfort in high ceiling areas
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature:-10° C to +55° C
- Operating voltage range: 140 V - 270 V
- Average life $L_{70}B_{50}$: 50000 hours

Housing

Die-cast aluminium housing (heat sink) for efficient thermal management, sturdiness & excellent corrosion resistant. SS Hardwares,

silicon gasket and M16x1.5 gland is used for cable entry for maintaining ingress protection.

Optics & Cover

UV Stabilized, polycarbonate lens with tempered protective toughened glass 5 mm, thermal shock and impact resistant (IK-07) fixed to the housing with aluminium frame and SS screws (for detailed photometric data , please refer LM 79 report & IES file).

Light source

High efficiency long life LEDs with lumen efficacy of >150 lm/W with view angle 120° to ensure better uniformity of light distribution (For detailed photometric data, please refer LM 79 report & IES file).

Electronic driver

Built-in electronic LED driver with lower THD, Open Circuit Protection, Surge Voltage

Protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Wall or surface mounting using adjustable MS bracket of thickness 5 mm provided with the fixture by 2 elliptical slots of 10x20 mm at center distance of 86 mm.

Applications

- Cement & steel plants
- Ware houses
- Factories & assembly lines
- Toll plazas
- Exterior canopies
- Security and perimeter lighting



Green
LED | 70 W / 80 W
Life **50000 hours | HighEfficiency**



TECHNICAL DATA

Ordering Code	System Power (W)	Nominal Voltage (V~)	Mains Current (A)	Power Factor	Colour Temp. (CCT)	CRI (Ra)	System Lumens (lm)	Colour of Fixture	System Luminous Efficacy lm/ W
LHEMACP7IC7W070	70 W	240	0.330	≥0.95	5700 K	≥70	8050	Grey	≥115
LHEMACP7IC7W080	80 W	240	0.375	≥0.95	5700 K	≥70	9200	Grey	≥115

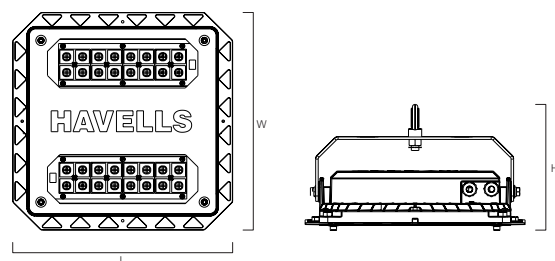
IS 10322 (Part 5/Sec.1): 2012



Driver code: LSCELD0X0136 for 70 W, LSCELD0X0236 for 80 W

Assembled Power Coated Frame 595X595X0.8 MM : LSSLOW0313 (to be ordered separately)

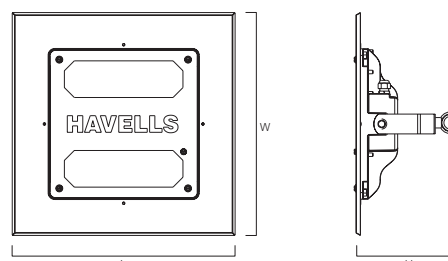
TECHNICAL DRAWING



DIMENSION

System Power	Length l (mm)	Width w (mm)	Height h (mm)
70 W	350	350	202
80 W	350	350	202

All dimensions are in mm
Tolerance: ± 5 mm



DIMENSION

System Power	Length l (mm)	Width w (mm)	Height h (mm)
70 W	595	595	212
80 W	595	595	212

PHOTOMETRIC DRAWING

