

Flare Ultra CA P 80 W / 100 W (Flare Ultima CA P)

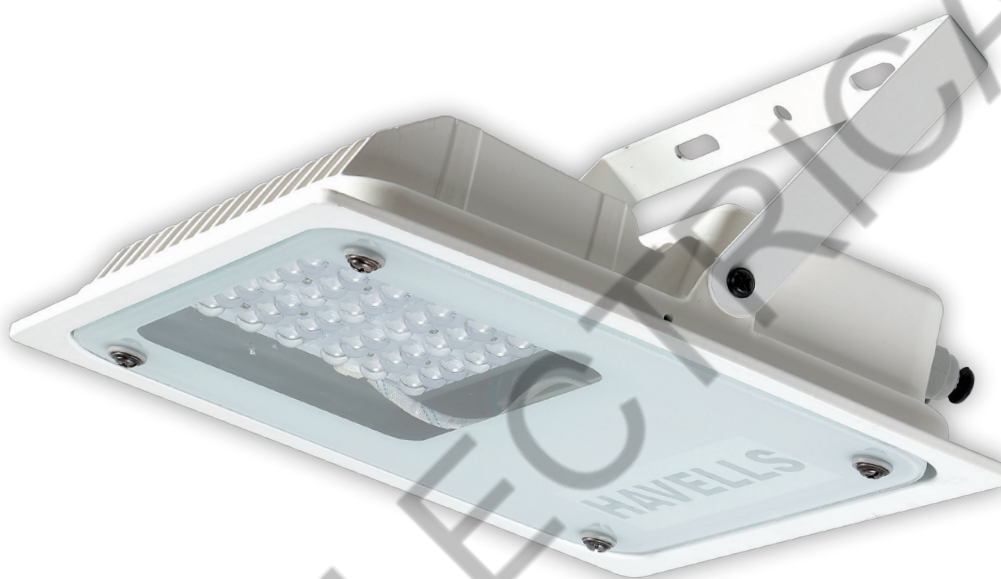
Flare Ultra is specially designed, multi-functional LED luminaire to replace under canopy.



IS 10322 (Part 5/Sec 1): 2012



R-84000019
www.bis.gov.in



PRODUCT SPECIFICATIONS

Benefits

- Delivers excellent illumination & comfort in high ceiling areas
- Long life & photobiologically safe LEDs
- 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 +45 °C
- Operating voltage range: 140 V - 270 V
- Average life $L_{70}B_{50}$: 50000 hours
- Surge Protection upto 10 kV with in-built SPD.

Housing & Finish

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

silicon gasket M16 size gland is used for cable entry and provision for loopin-loopout.

Optics & Cover

UV Stabilized, polycarbonate lens with tempered protective toughened glass 4 mm, thermal shock and impact resistant (IK-07) fixed to the housing using SS screws (for detailed photometric data , please refer LM79 report & IES file).

Light source

High efficiency long life LEDs with lumen efficacy of >140 lm/W with view angle 120° to ensure better uniformity of light distribution (For detailed photometric data, please refer LM79 report & IES file).

Electronic driver

Built-In, Potted, electronic LED driver with APFC, lower THD, Open Circuit Protection, Over Voltage Protection, Phase to Phase 440 V withstand, Surge Voltage Protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Surface or suspended mounting using powder coated MS bracket provided with the fixture by 2 elliptical slots.

Applications

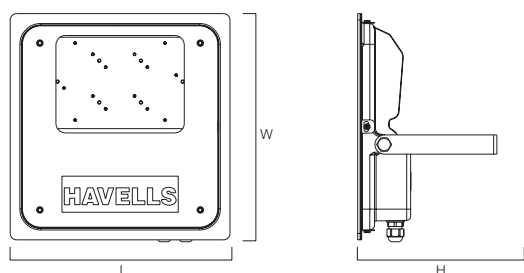
Ware houses
Factories & assembly lines
Toll plazas
Petrol-Pumps

TECHNICAL DATA

SAP Description	System Power (W)	Nominal Voltage (V)	Mains Current (A)	Power Factor	THD (%)	Colour Temp. (CCT)	CRI (Ra)	Nominal Lumens (lm)	Colour of Fixture	Weight (kg)
FLAREULTRACA80WLED757PWBLTG	80 W	240 V	0.350 A	≥0.95	≤10%	5700 K	≥70	8800 lm	White	3.5 kg
FLAREULTRACA100WLED757PWBLTG	100 W	240 V	0.440 A	≥0.95	≤10%	5700 K	≥70	11760 lm	White	3.5 kg

TECHNICAL DRAWING

Option 1 Without Frame

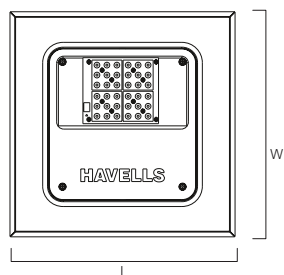


DIMENSION without Frame

System Power	Length (l)	Width (w)	Height (h)	Cutout Size (in mm)
80 W / 100 W	274 mm	282 mm	173.5 mm	262 mm x 264 mm

All dimensions are in mm
Tolerance: ± 5 mm

Option 2 With Frame

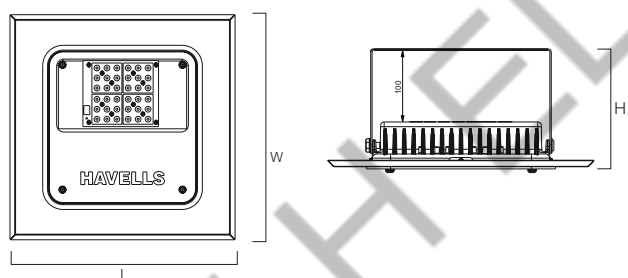


DIMENSION with Frame

System Power	Length (l)	Width (w)	Height (h)	Cutout Size (in mm)
80 W / 100 W	375 mm	375 mm	173.5 mm	262 mm x 264 mm

All dimensions are in mm | Tolerance: ± 5 mm
Note: L.SPARE ASSEM POW COAT FRAME 375X375X1 FU
LSSLOW0554 (To be Ordered Separately)

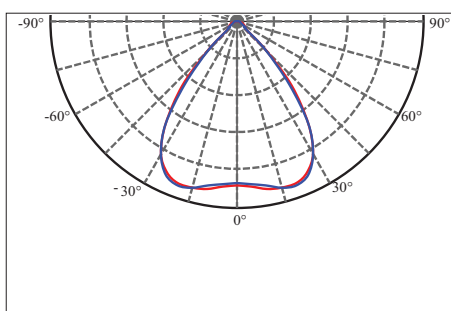
Option 3 With Frame



DIMENSION with Frame

System Power	Length (l)	Width (w)	Height (h)	Cutout Size (in mm)
80 W / 100 W	600 mm	600 mm	173.5 mm	262 mm x 264 mm

All dimensions are in mm | Tolerance: ± 5 mm
Note: ASSEMBLED POWCOAT FRAME600X600X1 FU
LSSLOW0555 (To be ordered separately)



NOTE: "FOR INDOOR APPLICATION ONLY"

Manufacturing tolerance applies as per relevant IS/IEC

Specifications and images are subject to change without prior notice due to continuous up-gradation of technology.

Issue Date: 20th June, 2022 (Rev_01)