

ENDURA HIGHBRITE PLUS

Energy saving, environment friendly & robust open type vertical Mediumbay Highbay LED IP54 luminaire with high power COB LED as light source.



PRODUCT SPECIFICATIONS

Features & Benefits

- Better lumens & longer lamp life
- High efficacy & lower power consumption
- Delivers high brightness & excellent illumination
- 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 -270 V
- Average life $L_{70}B_{50}$: 50000 hours

Housing

Extruded aluminium housing (heat sink) for efficient thermal management, sturdiness & excellent corrosion resistance. Pressure die-

cast aluminium housing (ADC12/LM24) for controlgear. PG 7 gland is used for cable entry for maintaining ingress protection.

Finish

Control Gear housing is epoxy powder coated black after phosphochromate treatment whereas heat sink is anodised in black finish.

Light source

High efficiency long life COB LED with $Ra > 70$ and lumen efficacy of 120 lm/W with view angle of 120° to ensure better uniformity of light distribution.

Optics

Aluminium spun reflector sand blasted from inside and electrochemically brightened. Glass lens over COB for uniform distribution (For Detailed Photometric details, please refer LM 79 report & IES file).

Electronic driver

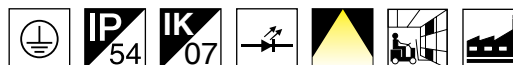
Powered by an In-built, electronic driver with APFC, lower THD, Open Circuit Protection, Surge Voltage Protection & other safety test as per IS 15885 Part-2/Sec 13.

Mounting

Suspended by means of heavy duty nickel plated, forged eye-bolt provided with the fixture. Nut is also provided in the casting to lock the eye-bolt.

Applications

- Cement & steel plants
- Ware houses
- Factories & assembly lines
- Toll plazas



Green
LED | 50 W / 90 W / 150 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
ENDURAHIBRITEPLUSHP90WLED765S60DTOLENS	90 W	240	0.400	≥0.95	6500 K	≥70	9000	Black	≥100
ENDURAHIBRITEPLUSHP90WLED765S90DTOLENS	90 W	240	0.400	≥0.95	6500 K	≥70	9000	Black	≥100

IS 10322 (Part 5/Sec 1): 2012

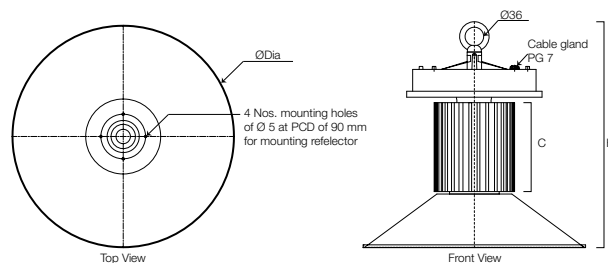


With Potted Driver

ENDURAHIBRITEPLUSHP150WLED765P60DTOLENS	150 W	240	0.650	≥0.95	6500 K	≥70	15000	Black	≥100
ENDURAHIBRITEPLUSHP150WLED765P90DTOLENS	150 W	240	0.650	≥0.95	6500 K	≥70	15000	Black	≥100

Driver code: LSSLOX0175 for 90 W, LSSLOX0167 for 150 W.

TECHNICAL DRAWING



System Power	Ø (mm)	Width w (mm)
90 W	362	352
150 W	447	490

All dimensions are in mm
Tolerance: ± 5 mm

PHOTOMETRIC DRAWING

