CANOPY RETROFIT (for Bajaj)

IL-CR Series

Description

Inno LED's unique canopy downlights for petrol bunk canopy metal halide light replacement requirements. Save upto 70% energy in comparison with metal halide lights. The only successful retrofit in the Indian market with the highest install base. Available in single or dual driver options. Custom made to suit Bajaj Metal Halide Luminare for Petrol Bunks. 5 minute retrofit done without disturbing the existing canopy false roofing.

Features:

• sturdy industrial design • low thermal footprint • retrofit with zero modification to existing luminare exterior • dust proof • dimmable driver

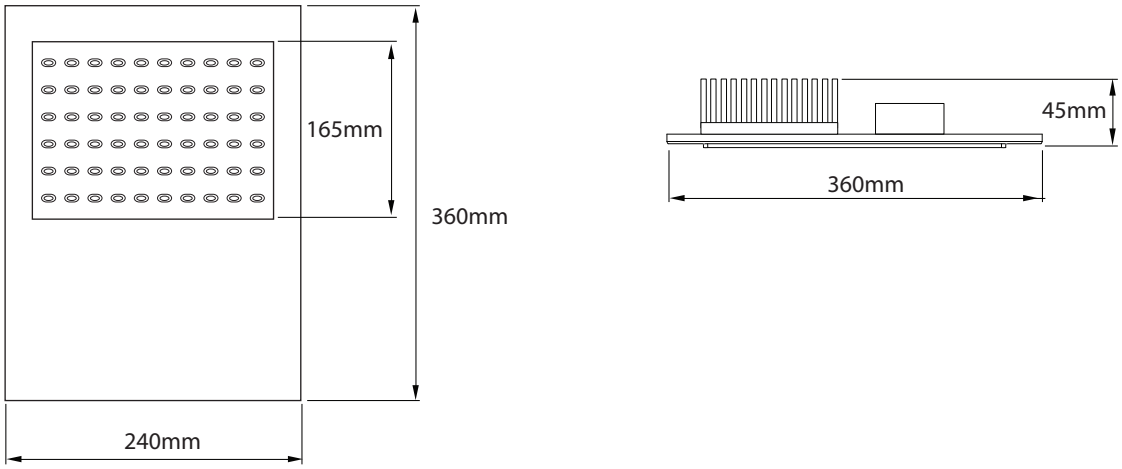
Highlights:

• philips lumiLED 120 Lm/W • dual philips xitanium driver • 10KV,10KA secondary SPD
• powder coated ms • extruded aluminium heatsink • dmx dimming compatible

Specifications			
Models	IL-CR-M-50W	IL-CR-M-80W	IL-CR-M-100W
Power Consumption	50W	80W	100W
Lumens	>5000	>8000	>10000
Operating Voltage	150 ~ 270 VAC, 50 Hz; eff. >80%		
Power Factor	≥ 0.98		
Color Temperature	6500 ~ 6700 K (CRI - >80%)		
Beam Angle (typical)	> 120°		
Lifetime (typical)	50,000 hours		
Operating Temperature	-20°C to 60°C		
Enclosure	IP20, Powder Coated MS, Extruded Aluminium Heatsink		
Size (mm)	240 x 360 x 45		

Dimension Diagram

IL-CR-M-80W



Technical Details

Type	Canopy Retrofit for Fuel Stations (Retrofit for Bajaj 250W MH Canopy Lunimare)
LED	Philips Lumiled - Luxeon 3535 (0.5W SMD Package) - Derated to 0.45W
LED Connection	180 LEDs in 2 banks of 9 x 10 LEDs (1 LED - 3V, 150mA, 0.45W)
Driver	Philips Xitanium 50W0.7-1.5A44V - 2 Nos - Derated to 40W x 2 (27V, 1.5A)
Thermal Details	LED Temperature - peak 70ºC; rated for upto 110ºC
SPD	Built-in 5KV SPD; secondary external SPD 10KV, 10KA
Additional Features	Optional Dimming feature can be added
Approvals	Only Approved Retrofit for Reliance Fuel Stations, Approved for IOCL, HP, BP

Photometry Data

Typical Test for 80W (achieved lumen is 20% higher)
Tested for 1 Light at 7m height in 0Lux environment
When using multiple light max. 4x Lux gain expected