

150W SCRIPT HIGHBAY

Daylight Harvesting

PRODUCT DESCRIPTION

- Dimmable High bay with Inbuilt Sensor
- Auto ON/OFF, Dimming & Daylight Harvesting.
- Mounting height up to 15mtr.
- Aluminum die cast housing duly powder coated.
- Adjustable sensitivity option for sensor (high / Low).
- Long life and better thermal management.
- High efficacy LED.
- Uniform and optimum light output
- High amount of energy saving

Model No.: **LED-INT-150-SRH-CW**



ELECTRICAL SPECIFICATION

Rated Voltage (V)	220-240Vac
Operating Voltage Range (V)	140-300Vac
Mains Current (A)	1.93 (Max)
Operating Frequency (Hz)	50 +/-3%
Power Factor	> 0.95
Driver Efficiency (%)	> 85
A-THD	< 10
System Power Consumption (W)± 10%	150
Inbuilt Surge Protection (kV)	5/5KV
Electrical Insulation Class	Suitable for Class I

OPTICAL SPECIFICATION

Light Source	LED
System Lumen Output (lm)± 10%	16,500
Typ. Fixture Efficacy (LM/W)	110
Color Temperature (K)	Cool White
CRI	70
LED CCT Binning	5SDCM, As per ANSI C78.377-2015
Diffuser / Optical material	Polycarbonate secondary optics
Beam Angle options	60 deg.

OTHER SPECIFICATION

Operating Ambient Temperature (°C)	0°C to + 50°C
Housing	Powder coated. Aluminium die cast
Mounting Arrangement	I Boalt
IP rating	IP54

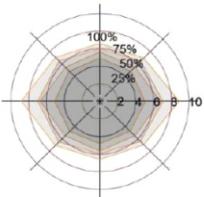
Note: All features, functionality and other product specifications are subject to change without notice or obligation.

SENSOR SPECIFICATION

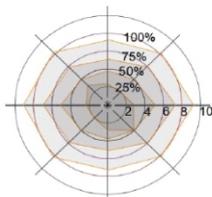
Sensor signal (V)	ON/OFF, 1-10V Dimming
Operating frequency	5.8 GHz ±75 MHz, ISM band
Hold Time (Adjustable)	5s/30s/1min/3min/5min/10min/20min/30min
Stand by Dimming level (Adjustable)	10%, 20%, 30%, 50%
Stand-by Period (Adjustable)	0s/10s/1min/3min/5min/10min/30min/∞
Detection Area (adjustable)	25%/50%/75%/100%
Daylight threshold	5lux/15lux/30lux/50lux/100lux/150lux/Disable
Detection Angle	150°(wall mount), 360°(ceiling mount)

SENSITIVITY VS MOUNTING HEIGHT

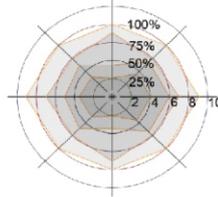
Ceiling mounted height:
3mSensitivity:100%
75%/50%/25%
Normal moving
(Speed:1m/s)



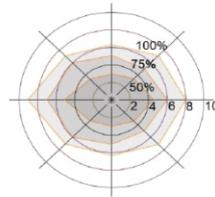
Ceiling mounted height:
6mSensitivity:
100%/75%/50%/25%
Normal moving
(Speed:1m/s)



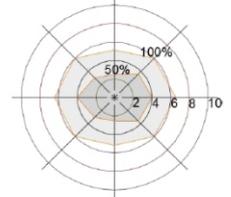
Ceiling mounted height:
9mSensitivity:
100%/75%/50%/25%
Normal moving
(Speed:1m/s)



Ceiling mounted height:
12mSensitivity:
100%/75%/50%
Normal moving
(Speed:1m/s)



Ceiling mounted height:
15mSensitivity:
100%/75%
Normal moving
(Speed:1m/s)



*Only 100%/75%/50% detection sensitivity is workable when installed at 10m & 15m mounting height. 25% sensitivity is not able to detect motion signal.

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