

High bay LED lighting is designed to ensure wide and uniform light distribution throughout the facility by means of high efficiency surface mounted light-emitting diode (SMD) LEDs and powder coated finished cast aluminium reflector for superior performance. Highbay Luminaires are designed with vertical fin cast aluminium heat sink, resulting in effective thermal management. This state of the art LED luminaire delivers optimum performance in light output, lifetime, and functionality and delivers up to 60% energy savings, whilst maximizing performance.



## Features & Benefits

- Luminaire efficacy reaches 130 lm/W, which gives more than 60% of energy saving when compared to HID lamp.
- Multiple lumen packages and optics to suit Uniform light distribution with symmetrical beam creating outstanding illuminance in industrial lighting applications.
- Painted non-corrosive die-cast aluminium housing and steel bracket gives extra strength when the luminaire is installed in a harsh environment.
- Maintain the "Zero Air Gap" between MCPCB and aluminum modules for fastest heat dissipation.
- Superior W/m<sup>2</sup> performance delivered optimal lighting effects to fit industrial applications.
- High quality of light by increase CRI up to 85 for all colour temperature.
- World class, approbated quality components (LEDs / Driver / etc.).
- Low maintenance cost.
- Lifetime of over 50,000 hours, which requires no lamp replacement after installation.
- Easy installation and maintenance by multiple mounting options (hook/bracket).

# Specifications



Family Name	:	High Bay Star
Model	:	PLBL ( 525)
Wattage	:	100Watt / 150Watt
Lumen / Watt	:	130 lm/W
Lamp Colour	:	2700K, 4700K, 6500K
Colour Rendering Index	:	>80
Optics	:	Optical lens given uniform light distribution.
Driver	:	Integrated (Constant current driver)
Surge Protection	:	10 kV
Flex Cable	:	Yes - 1m
Housing	:	Cast Aluminum housing finished by grey coating.
Lifetime	:	50,000 hrs
Classifications	:	IP65
Input Voltage	:	180 - 270V AC - 50Hz
Power Factor	:	> 0.95
Installation	:	Mounting bracket allow surface mounting.
Application	:	Indoor industries where by height is above 5Mtr, warehouse, Indoor sports stadiums.

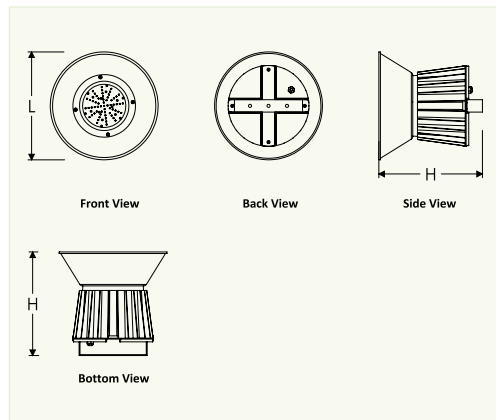
## Accessories & Controls

In-built integrated electronic LED driver

## Installation

Suitable for pendent / ceiling mounted using mounting bracket

Product Code	Ordering Code	LED Wattage	System Wattage (W)	Rated Voltage (V)	Mains Current (A)	Approx Weight (Kg)	Case Lot (Nos.)
PLBL 525 / 100	PLBL 525 / 40 / 700	87	100	230	0.46	6.000	1 Nos.
PLBL 525 / 150	PLBL 525 / 60 / 700	130	150	230	0.68	6.500	1 Nos.



Product Code	Dimension in mm		Lumens
	L	H	
PLBL 525 / 100	350 Ø	336	11400
PLBL 525 / 150	350 Ø	336	17000