

Working area lighting in industries must have superior in performance and should meet safety standards, The good lighting improves the mood of the worker and reduce the rate of error, Our new bay light entire range are designed with extruded aluminium heat sink, Separate Driver compartment, resulting in effective thermal management. It ensure that LED Bay light giving a consistent performance in light output and longer life. PAR offer vast range of Bay light suitable for any heighted ceiling and delivers up to 60% energy savings, whilst maximizing performance.



Features & Benefits

- Luminary 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 extruded aluminium housing and steel bracket gives extra strength when the luminaire is installed in a harsh environment.
- Best Thermal Management by Maintaining the "Zero Air Gap" between MCPCB and extruded aluminum modules for fastest heat dissipation.
- Superior W/m² 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	: Bay Star
Model	: PLBL (524)
Wattage	: 75Watt / 100Watt / 150Watt / 200Watt / 300Watt
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
Housing	: Aluminum housing finished by grey coating.
Flex Cable	: Yes - 1m
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.

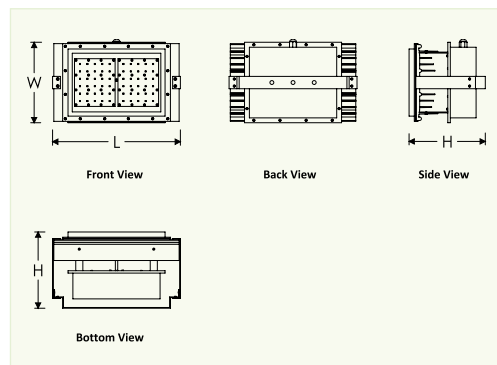
Accessories & Controls

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 524 / 75	PLBL 524 / 30 / 700	65	75	230	0.34	4.320	1 Nos.
PLBL 524 / 100	PLBL 524 / 40 / 700	87	100	230	0.46	4.720	1 Nos.
PLBL 524 / 150	PLBL 524 / 60 / 700	130	150	230	0.68	6.720	1 Nos.
PLBL 524 / 200	PLBL 524 / 80 / 700	175	200	230	1.03	7.100	1 Nos.
PLBL 524 / 300	PLBL 524 / 120 / 700	260	300	230	1.37		1 Nos.



Product Code	Dimension in mm			Lumens
	L	W	H	
PLBL 524 / 75	225	228	216	8500
PLBL 524 / 100	257	228	216	11400
PLBL 524 / 150	362	228	216	17000
PLBL 524 / 200	392	228	216	22700
PLBL 524 / 300	537	228	216	34100