

Bay Glow, an energy-efficient LED bay light, is the ideal lighting choice for industrial applications. Its specially designed heat sink incorporates aesthetics and excellent thermal management and high performance, with best-in-class system lumen efficacy of 135 lm/W, it serves right light levels required in application areas that demand precision.



FEATURES & BENEFITS

- Luminaire efficacy reaches 105 lumens/Watt, ensures more than 55% of energy saving when compared with HID lamp.
- Specially designed heat sink for faster and effective heat dissipation.
- LM-80 compliant high efficiency & Photo biologically safe LEDs
- High performance electronic driver with high voltage protection, Surge protection & OC/SC/OT protection.
- Along with the additional 10kV/5kA built-in surge protection device.
- Multiple lumen packages and optics to fulfil majority of lighting application needs.
- Vibration, dust and heat resistant.
- No harmful UV & IR radiation
- Lifetime of over 40000 hours.
- IP65 level of protection against dust penetration & low pressure water jets from any direction.

PRODUCT SPECIFICATIONS

Housing & Glass Frame :

Epoxy powder coated finished Cast aluminium housing (heat sink) for effective thermal management, sturdiness & excellent corrosion resistance. Tempered protective toughened glass sealed with frame and fixed to the housing with SS screws. Silicon gasket and Cable gland is used for maintaining ingress protection.

Optics :

Optional High efficiency polycarbonate modular Lens plate of (60°/90°) for narrow & wide beam angle to ensure better uniformity of symmetrical light distribution.

Note: Bay Glow Luminaires are provided with additional 10kV Built in surge protection device.

Light source :

High efficiency long life LED module with SMD type LED mounted on MCPCB. Lumen efficacy of LED ≥ 135 lm/W with beam angle 120° for uniform distribution.

Electronic Driver :

Built in potted constant current isolated LED driver with lower THD, PF ≥ 0.95 , Output Open /Short Circuit protection, Over Voltage protection, 4kV Surge Voltage protection & other safety tests as per IS 15885 Part-2/Sec 13.

Mounting & Maintenance :

Surface mounting using fixed MS bracket of thickness 2.0 mm provided with the fixture by 2 capsule slots of 10mm \emptyset at center distance of 90mm. Recommended mounting height with suitable in ground reinforcement is 7-10 m.

APPLICATIONS :

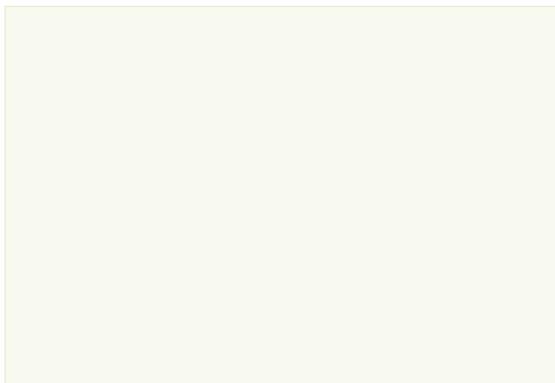
- Harsh Industry Application
- power plant
- Cement Factories
- Foundries
- Warehouse

TECHNICAL DATA

Product Code	Ordering Code	LED Wattage	System Wattage (W)	Rated Voltage (V)	Mains Current (A)	Lumens
PLBL 528 / 60	PLBL 528 / 72 / 125	52	60	230	0.27	6700
PLBL 528 / 100	PLBL 528 / 120 / 125	87	100	230	0.46	11150
PLBL 528 / 150	PLBL 528 / 180 / 125	131	150	230	0.69	16750
PLBL 528 / 200	PLBL 528 / 240 / 125	174	200	230	0.92	22300

Note: Warranty Voids for LED fixtures including Drivers, if individual points of installations are not provided with proper Earthing

TECHNICAL DRAWING



DIMENSION

Product Code	Dimension in mm		Approx Weight
	W	H	
PLBL 528 / 60	185 \emptyset	110	1.450
PLBL 528 / 100	230 \emptyset	115	2.100
PLBL 528 / 150	320 \emptyset	130	4.300
PLBL 528 / 200	320 \emptyset	130	4.470