

Panasonic



**ENHANCE PRODUCTIVITY WITH
SUSTAINABLE AND SMART INFRASTRUCTURE**

INDUSTRIAL LIGHTING CATALOGUE

Panasonic



Industrial lighting is not just about lighting production lines, machinery and stocks; it is also about providing light for the people that need it to do their work effectively. Having the latest equipment, high-tech facilities and necessary signage in place is not enough if they cannot be seen, and the wrong color temperature or intensity in areas that require precision can reduce productivity. Getting the lux levels right on surfaces that need to be seen clearly, while at the same time reducing energy consumption is a necessity – especially in large-scale projects. Furthermore, smart lighting can be used to reduce lighting where and when it is not needed. Good industrial lighting can make daily work easier, safer and more productive.

Lighting is a critical aspect in a number of industries such as manufacturing, mining, Petrochemical, packaging, and even warehouse. Electrical fixtures for such industries are designed for heavy-duty performance and can last even in the most adverse conditions such as extreme temperatures and climate.

These industrial lighting fixtures are specially designed to meet the lighting needs and requirements of commercial areas while considering the environment and luminosity needs of the workspace. They are typically heavy-duty, well-constructed, and designed to meet the demands of the environments they are placed in.

The safety of you and your workers is especially important when handling various types of machinery and equipment. And, if the facility you work in isn't properly lit throughout every section, serious injuries, or even death, can occur. That's why Industrial Lighting makes it easier to keep their building and occupants safe.



Industrial lighting requires a different approach to lighting spaces. High and low-bay downlighting along with powerful heavy-duty linear lights are low-maintenance and energy-saving lighting solutions. The correct lighting in a working area will improve visibility in the workspace, help eliminate scenarios where employees accidentally injure themselves and help present the facility in a clean and professional manner.



OPTICS

Even with the most powerful and efficient LEDs, it is not possible to get efficient results without optics. Optics provides the control that helps achieve the right lighting levels in the right places. They can reduce wasted light, glare and most importantly the number of other components needed, such as LEDs. Different beam angles are required to illuminate spaces evenly from different heights, and asymmetric light distribution can be used to focus the main part of the light exactly where required; on shelves or aisles for example. Mixing different optics in one luminaire can also make fixtures suitable for multiple purposes. In the end, optics provide clear savings when used together with efficient LEDs.

OUR OFFERING

**TECHNOLOGY AND
INNOVATION**



**GUARANTEE FOR
DEVELOPMENT
AND PRODUCTION OF
HIGH QUALITY PRODUCTS**



**UNCOMPROMISED
QUALITY OF
MATERIAL**



**UNIFORM
BRIGHTNESS**



**GREATER SAVINGS
AND OPTIMIZATION**



**SAFETY ENVIRONMENT
FOR MINIMAL RISK**



**MAINTENANCE
FREE**





WAREHOUSE LIGHTING

Warehouse lighting requires a different approach to lighting spaces. High and low-bay down lighting along with powerful heavy-duty linear lights are low-maintenance and energy-saving lighting solutions. The correct lighting in a warehouse will improve visibility in the workspace, help eliminate scenarios where employees accidentally injure themselves, and help present the facility in a clean and professional manner.

Ambience. Control. Productivity.

- Understand the lighting requirements.
- Perfect lighting that helps you to read labels and improve their accuracy.
- Understand the layout of warehouse.
- High, fully stocked aisles of goods may require aisle lighting while low shelving may be able to utilize general space lighting.
- No damaged goods & workplace accidents because of uniform glarefree lighting which increase the productivity.
- Lighting controls and sensors to turn lights on and off as necessary to minimize energy consumption.



E-commerce

A major driver of technological innovation in warehousing

E-commerce warehousing is highly competitive on account of its high-volume quick delivery nature and accordingly all variables that impact efficiency are extremely critical. Technology enables immense time and labor efficiency which in turn brings in cost efficiency. It is, therefore, no surprise that the e-commerce sector seeks increased intervention of technology in its operations, including in warehousing, which eventually drives further innovation in technology all in the continual pursuit of increased efficiency.

Globally, e-commerce has caused a wave of technological innovation in warehousing. It started with Warehouse Management Software (WMS) that reduced the burden of data entry and paper records, to conveyor belts and pick-to-light systems that helped increase the speed of sorting and picking. Smart warehouses, like smartphones, have become common parlance. Also referred to as intelligent warehouses or warehouses that think, all gadgets and devices within a smart warehouse are connected to each other via the internet and can effectively perform multiple operations simultaneously.

Another trending feature in global e-commerce warehouses is the Internet of Things (IoT). IoT is a system that connects and integrates electronic devices via the internet such that they can send and receive data from each other and perform their respective function in sync with one another.

The quest for innovation is ongoing and new technologies continue to enter warehouses.



HIGH-BAY LIGHTS



As their name implies, high-bay lights are used to illuminate spaces with high ceilings. That usually means ceilings ranging from 20 feet to approximately 45 feet. Low-bay lights, on the other hand, are used for ceilings 20 feet and under. Because a high-ceiling location has more space to fill, a high-bay by definition is a powerful light source that can brighten up a large area.

One of the benefits of high-bay lighting is that it provides clear, uniform lighting of what's below it with little glare. Different kinds of reflectors can accomplish different kinds of illumination tasks for high-bay lights. Aluminum reflectors make light from the fixtures flow directly down to the floor, while prismatic reflectors create a more diffused lighting useful for illuminating shelves and other elevated objects in space.

LED BATTEN LIGHTS



Industrial LED batten lights are extremely durable lighting solutions that are perfect for industrial and commercial environments such as warehouses, factories and stores. They are very hard wearing and are suitable for both outdoor and indoor use.

What's more, they offer the fantastic, powerful illumination that is essential for working environments and all at an exceptionally low-cost thanks to the low energy consumption of LED lighting. If you are searching for the perfect lighting solution for your industrial or commercial environment, then look no further.

WELL GLASS LIGHTS



For the hazardous environment of Oil and Gas industry, safe lighting solution is very significant. Lighting solution in this industry requires lights and luminaries that absorb heat and pressure from flammable vapours, gases, and chemical compounds.

CLEANROOM LIGHTS



Hospitals, laboratories and production environments like the food industry require lighting solutions that offer pure light, are easy to clean, dust-free and leave no room for errors. With the latest Cleanroom LED lighting, it has become easy for such operational facilities to provide the right light to the employees. We at Wipro Lighting are among the top cleanroom manufacturers that offer a wide range of energy-efficient Cleanroom LED luminaires.

Clean Room Lighting solutions use high efficacy LEDs that save energy up to 55% and reduce the operational cost significantly. The self-aligning mounting mechanism in each LED Clean Room Light Fixture ensures precision and faster installation. In addition, the specially designed pressure plates provide positive locking, dust, and water-proofing. Finally, the driver of each LED Clean Room Light Fixture is designed keeping in mind the Indian power conditions, thus incredibly resourceful.

LED CIRCULAR BAYLIGHT

ENVISO PLUS

80W/100W/120W/150W/180W

Aesthetically designed robust LED high bay equipped with specially designed heat sink and reliable integrated energy efficient driver to meet the different requirement across Industrial application.



High on Efficacy

Efficacy > 145lm/W



Robust Design

Innovative, aesthetic and robust design
UV stabilized IP PC Lens for better light distribution.



Wide Operating Voltage

Operating Voltage:
127-300V AC



Safe & Reliable

High Surge Protection: 4kV
10kV Optional Surge Protection



High Performance Electronic Driver

Potted Driver



Higher Life

Life: 50,000 BH



Operating Temperature

-10°C to +45°C

APPLICATIONS

Factories & Assembly Line

Cement & Steel Plants

Medium Industrial Units

Toll Plaza

Warehouse



TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	DiaxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)	Weight (kg)
PBYM09808 / PBYM10808*	80W	318.5x171	—	≤ 10%	5700K	3.0
PBYM09AB8 / PBYM10AB8*	100W	318.5x171	—	≤ 10%	5700K	3.0
PBYM09CD8 / PBYM10CD8*	120W	318.5x171	—	≤ 10%	5700K	3.15
PBYM09FG8 / PBYM10FG8*	150W	318.5x171	—	≤ 10%	5700K	3.15
PBYM09KL8 / PBYM10KL8*	180W	318.5x171	—	≤ 10%	5700K	3.15



LED CIRCULAR BAYLIGHT

ENVISO

60W

Aesthetically designed robust LED high bay equipped with specially designed heat sink and reliable integrated energy efficient driver to meet the different requirement across Industrial application.



High on Efficacy

Efficacy > 125lm/W



Robust Design

Innovative, aesthetic and robust design with pressure die cast aluminum housing with heat resistant toughened glass with PC Lens for better light distribution.



Wide Operating Voltage

Operating Voltage:
140-270V AC



Safe & Reliable

High Surge Protection: 6kV
10kV Optional Surge Protection



High Performance Electronic Driver

Potted Driver



Higher Life

Life: 50,000 BH



Operating Temperature

0°C to +50°C

APPLICATIONS

Factories & Assembly Line

Cement & Steel Plants

Medium Industrial Units

Toll Plaza

Warehouse



TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	DiaxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)	Weight (kg)
PBYM11608	60W	200x162	—	≤ 10%	5700K	1.9
PBYM12608*	60W	200x162	—	≤ 10%	5700K	1.9

LED CIRCULAR BAYLIGHT

ENVISO

80W/100W/120W

Aesthetically designed robust LED high bay equipped with specially designed heat sink and reliable integrated energy efficient driver to meet the different requirement across Industrial application.



High on Efficacy

Efficacy > 125lm/W for 80W, 120lm/W for 100W, 125lm/W for 120W



Robust Design

Innovative, aesthetic and robust design with pressure die cast aluminum housing and UV stabilized IP PC Lens for better light distribution.



Wide Operating Voltage

Operating Voltage: 140-270V AC



Safe & Reliable

High Surge Protection: 6kV
10kV Optional Surge Protection



High Performance Electronic Driver

Potted Driver



Higher Life

Life: 50,000 BH



Operating Temperature

0°C to +50°C

APPLICATIONS

Factories & Assembly Line

Cement & Steel Plants

Medium Industrial Units

Toll Plaza

Warehouse



TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	DiaxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)	Weight (kg)
PBYM11808 / PBYM12808*	80W	252x155	—	≤ 10%	5700K	2.4
PBYM11AB8 / PBYM12AB8*	100W	252x155	—	≤ 10%	5700K	2.4
PBYM11CD8 / PBYM12CD8*	120W	252x155	—	≤ 10%	5700K	2.4

LED CIRCULAR BAYLIGHT

ENVISO

150W/180W

Aesthetically designed robust LED high bay equipped with specially designed heat sink and reliable integrated energy efficient driver to meet the different requirement across Industrial application.



High on Efficacy

Efficacy > 120lm/W for 150W,
140lm/W for 180W,



Robust Design

Innovative, aesthetic and robust design with pressure die cast aluminum housing and UV stabilized IP PC Lens for better light distribution.



Wide Operating Voltage

Operating Voltage:
140-270V AC



Safe & Reliable

High Surge Protection: 6kV
10kV Optional Surge Protection



High Performance Electronic Driver

Potted Driver



Higher Life

Life: 50,000 BH



Operating Temperature

0°C to +50°C

APPLICATIONS

Factories & Assembly Line

Cement & Steel Plants

Medium Industrial Units

Toll Plaza

Warehouse



TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	DiaxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)	Weight (kg)
PBYM11FG8 / PBYM12FG8*	150W	298x156	—	≤ 10%	5700K	3.8
PBYM11KL8 / PBYM12KL8*	180W	368x162	—	≤ 10%	5700K	5.5



LED MODULAR HIGH BAY

ENVISO MOD

50W

Aesthetically designed robust LED high bay light, equipped with specially designed heat sink and reliable non-integrated energy efficient electronic driver to meet the different lighting requirement across industrial application suitable for easy replacement of conventional HID lamps.



High on Efficacy
Efficacy > 135lm/W



Robust Design
Innovative, aesthetic and robust design with pressure die cast aluminum housing and UV stabilized IP PC Lens for better light distribution.



Wide Operating Voltage
Operating Voltage:
90-330V AC



Safe & Reliable
High Surge Protection: 4kV
External 10kV Optional



High Performance Electronic Driver
Non-integrated energy efficient potted electronic driver



Higher Life
Life: 50,000 BH



Operating Temperature
-10°C to +45°C

APPLICATIONS

- Factories & Assembly Line
- Cement & Steel Plants
- Medium Industrial Units
- Toll Plaza
- Warehouse

90°
60°
Ra 70
IP 66
IK 07

TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	LxWxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)
PBYM04507 / PBYM05507*	50W	355x80x265	—	≤ 10%	6500K

LED MODULAR HIGH BAY

ENVISO MOD

90W/120W

Aesthetically designed robust LED high bay light, equipped with specially designed heat sink and reliable non-integrated energy efficient electronic driver to meet the different lighting requirement across industrial application suitable for easy replacement of conventional HID lamps.



High on Efficacy

Efficacy > 135lm/W



Robust Design

Innovative, aesthetic and robust design with pressure die cast aluminum housing and UV stabilized IP PC Lens for better light distribution.



Wide Operating Voltage

Operating Voltage:
90-330V AC



Safe & Reliable

High Surge Protection: 4kV
10kV Optional Surge Protection



High Performance Electronic Driver

Non-integrated energy efficient potted electronic driver



Higher Life

Life: 50,000 BH



Operating Temperature

-10°C to +45°C

APPLICATIONS

Factories & Assembly Line

Cement & Steel Plants

Medium Industrial Units

Toll Plaza

Warehouse



TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	LxWxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)
PBYM04907 / PBYM05907	90W	355x162x265	—	≤ 10%	6500K
PBYM04CD7 / PBYM05CD7	120W	355x162x265	—	≤ 10%	6500K

LED MODULAR HIGH BAY

ENVISO MOD

150W/180W

Aesthetically designed robust LED high bay light, equipped with specially designed heat sink and reliable non-integrated energy efficient electronic driver to meet the different lighting requirement across industrial application suitable for easy replacement of conventional HID lamps.



High on Efficacy

Efficacy > 135lm/W



Robust Design

Innovative, aesthetic and robust design with pressure die cast aluminum housing and UV stabilized IP PC Lens for better light distribution.



Wide Operating Voltage

Operating Voltage:
90-330V AC



Safe & Reliable

High Surge Protection: 4kV
10kV Optional Surge Protection



High Performance Electronic Driver

Non-integrated energy efficient potted electronic driver



Higher Life

Life: 50,000 BH



Operating Temperature

-10°C to +45°C

APPLICATIONS

Factories & Assembly Line

Cement & Steel Plants

Medium Industrial Units

Toll Plaza

Warehouse



TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	LxWxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)
PBYM04FG7 / PBYM05FG7*	150W	355x250x265	—	≤ 10%	6500K
PBYM04KL7 / PBYM05KL7*	180W	355x250x265	—	≤ 10%	6500K



INDUSTRIAL BATTEN - IP20

HARROW

20W/40W

LED batten for surface and suspended application. White powder coated CRCA housing with LEDs. Seamless front frame is with white high transmission acrylic cover and decorative end cap.



High on Efficacy

Efficacy: 120lm/W for 20W and 115lm/W for 40W



Robust Design

White powder coated CRCA housing with LEDs and seamless front frame



Wide Operating Voltage

Operating Voltage: 100-300V AC



Safe & Reliable

High Surge Protection: 4kV IK05



High Performance Electronic Driver

Non-integrated energy efficient electronic driver



Higher Life

Life: 50,000 BH



Operating Temperature

-10°C to +45°C

APPLICATIONS

- Factory & Assembly Line
- Warehouses
- Parking Area
- Battery Room
- Retail Chain
- Railway Platform
- Chiller Plants

120° Ra 80 IP 20

TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	LxWxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)	Weight (kg)
PBTM12204	20W	1185x43x62	—	≤ 10%	4000K	1.25
PBTM12208	20W	1185x43x62	—	≤ 10%	5700K	1.25
PBTM12404	40W	1185x43x62	—	≤ 10%	4000K	1.25
PBTM12408	40W	1185x43x62	—	≤ 10%	5700K	1.25



INDUSTRIAL BATTEN

TRUSS ADV

20W/40W

LED Batten with inbuilt heat sink, polycarbonate housing equipped with anti-glare diffuser & energy efficient electronics driver



High on Efficacy

Efficacy: 110lm/W



Robust Design

Polycarbonate housing equipped with anti-glare diffuser



Wide Operating Voltage

Operating Voltage:
140-270V AC



Safe & Reliable

High Surge Protection: 4kV



High Performance Electronic Driver

Integrated energy efficient electronic driver



Higher Life

Life: 50,000 BH



Operating Temperature

-10°C to +45°C

APPLICATIONS

Factory & Assembly Line

Warehouses

Parking Area

Battery Room

Retail Chain

Railway Platform

Chiller Plants



TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	LxWxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)	Weight (kg)
PBTM19204	20W	1200x44.6x44.6	—	≤ 10%	4000K	1.0
PBTM19208	20W	1200x44.6x44.6	—	≤ 10%	5700K	1.0
PBTM19207	20W	1200x44.6x44.6	—	≤ 10%	6500K	1.0
PBTM19404	40W	1200x44.6x44.6	—	≤ 10%	4000K	1.0
PBTM19408	40W	1200x44.6x44.6	—	≤ 10%	5700K	1.0
PBTM19407	40W	1200x44.6x44.6	—	≤ 10%	6500K	1.0



INDUSTRIAL BATTEN

TRUSS

20W/40W

LED Batten with inbuilt heat sink, polycarbonate housing equipped with anti-glare diffuser & energy efficient electronics driver



High on Efficacy

Efficacy: 120lm/W



Robust Design

Polycarbonate housing equipped with anti-glare diffuser



Wide Operating Voltage

Operating Voltage:
140-270V AC



Safe & Reliable

High Surge Protection: 4kV
10kV Optional Surge Protection



High Performance Electronic Driver

Integrated energy efficient isolated electronic driver



Higher Life

Life: 50,000 BH



Operating Temperature

-10°C to +45°C

APPLICATIONS

Factory & Assembly Line

Warehouses

Parking Area

Battery Room

Retail Chain

Railway Platform

Chiller Plants



TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	LxWxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)	Weight (kg)
PBTM05204	20W	1140x75x70	—	≤ 10%	4000K	1.10
PBTM05208	20W	1140x75x70	—	≤ 10%	6500K	1.10
PBTM05404	40W	1140x75x70	—	≤ 10%	4000K	1.10
PBTM05408	40W	1140x75x70	—	≤ 10%	6500K	1.10



WELL GLASS

MERLIN PLUS

24W/35W/40W/70W

Aesthetically designed LED Wellglass equipped with specially designed heat sink and reliable energy efficient electronic isolated driver to meet different lighting requirements across industrial application.



High on Efficacy

130lm/w for clear & 120lm/w for diffused version



Impact Resistance IK08

Protected against 5 joules of impact (equivalent to the impact of a 1.7kg mass dropped from 300mm above the impacted surface)



Wide Operating Voltage

Operating Voltage:
140-270V AC



Safe & Reliable

THD<10%,
Inbuilt Surge Protection: 6kV + 10kV Optional
Class-I product, IP66



Non Integrated Isolated Driver

Protects the output/secondary side from any disturbance on the input/primary side ensuring safe operation.



Higher Life

Life: 50,000 BH



Operating Temperature

-10°C to +45°C

APPLICATIONS

Cement Plants

Oil Processing Factories

Coal Mines

Industrial Unit

Thermal Power Plant



TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	DiaxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)	Weight (kg)
PWGM09248	24W Clear Type	146x195	—	≤ 10%	5700K	0.95
PWGM09358	35W Clear Type	146x195	—	≤ 10%	5700K	0.95
PWGM09408	40W Clear Type	146x195	—	≤ 10%	5700K	0.95
PWGM09708	70W Clear Type	200x181	—	≤ 10%	5700K	2.10
PWGM10248	24W Diffused Type	146x195	—	≤ 10%	5700K	0.95
PWGM10358	35W Diffused Type	146x195	—	≤ 10%	5700K	0.95
PWGM10408	40W Diffused Type	146x195	—	≤ 10%	5700K	0.95
PWGM10708	70W Diffused Type	200x181	—	≤ 10%	5700K	2.10



UNDER CANOPY

CANO PLUS

80W

LED Under Canopy luminaire aesthetically designed with better thermal management. Housing made of PDC and frame with toughened glass. This LED luminaire is designed to replace conventional under canopy applications. It is also recommended for Industrial application.



High on Efficacy

Efficacy: 115lm/W



Robust Design

PDC housing and frame with heat resistant toughened glass (LILO Optional).



Wide Operating Voltage

Operating Voltage:
140-270V AC



Safe & Reliable

High Surge Protection: 6kV
10kV Optional Surge Protection



High Performance Electronic Driver

Non-integrated energy efficient
isolated electronic driver



Higher Life

Life: 50,000 BH



Operating Temperature

-10°C to +45°C

APPLICATIONS

Petrol Pumps

Gas Stations

Under Canopy Areas

Railway Stations

60°

Ra
70

IP
66

IK
07

TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	LxWxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)	Weight (kg)
PCNM02808	80W	600x600x100	595x595	≤ 10%	5700K	8.0



BULK HEAD

ELLIPTO

10W

Ceiling and Wall mount LED bulk head serves as an excellent energy efficient alternative to CFL/ incandescent bulkhead luminaires.



Housing

Polycarbonate housing with polycarbonate diffuser for better light distribution



High Performance Electronic Driver

Non isolated integral driver with constant current



Wide Operating Voltage

Operating Voltage:
140-270V AC



Safe & Reliable

THD<10%
Inbuilt Surge Protection: 4KV
Class-II Product, IK09



Weather Proof

IP65 Protection



Higher Life

Life: 50,000 BH



Operating Temperature

-10°C to +45°C

APPLICATIONS

Lawns

Gardens

Pathway

Courtyard

Factories



TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	LxWxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)	Weight (kg)
PBHM01107	10W	232x105x50	—	≤ 10%	6500K	0.255



IP54 TRUNKING

40W

IP54 Trunking - Batten comprises of Aluminium extrusion housing white powder coated, Opal polycarbonate diffuser for symmetric light distribution and non integral isolated driver for safe operations. Suitable for 3, 5 & 7 wire system.



High on Efficacy
40W with 115lm/W



Trunking
- Aluminium Extrusion Trunk with white powder coated
- Trunk dimensions- 1.5,mtr 3mtr & 3.5mtr with 3, 5 & 7 wire system



Wide Operating Voltage
Operating Voltage:
140-270V AC



Safe & Reliable
THD<10%
Inbuilt Surge Protection: 4KV+10kV Optional
Class-I Product, IP54, IK07



Non Integrated Isolated Driver
Protects the output /secondary side from any disturbance on the Input /Primary side ensuring safe operation



Higher Life
Life: 50,000 BH



Operating Temperature
-10°C to +45°C

APPLICATIONS

- Lawns
- Gardens
- Pathway
- Courtyard
- Factories

120°

Ra
70

IP
54

IK
07

TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	LxWxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)	Weight (kg)
PTBM03408	40W	1200x82x52	—	≤ 10%	5700K	2.60
PATM03153	40W	1500x56.5x50	—	≤ 10%	5700K	—
PATM03155	40W	1500x56.5x50	—	≤ 10%	5700K	—
PATM03157	40W	1500x56.5x50	—	≤ 10%	5700K	—
PATM03303	40W	3000x56.5x50	—	≤ 10%	5700K	—
PATM03305	40W	3000x56.5x50	—	≤ 10%	5700K	—
PATM03307	40W	3000x56.5x50	—	≤ 10%	5700K	—
PATM03353	40W	3500x56.5x50	—	≤ 10%	5700K	—
PATM03354	40W	3500x56.5x50	—	≤ 10%	5700K	—
PATM03357	40W	3500x56.5x50	—	≤ 10%	5700K	—



CLEANROOM BOTTOM OPENING

IMBUE

18W/22W/28W/36W/45W/60W

IP 54, dust free & zero maintenance LED
Clean Room Bottom opening luminaire with
CRCA powder coating housing, anti glare
diffuser with potentiometric integrated
energy efficient electronic driver.



Potentiometric Driver

Potentiometric integrated energy efficient electronic driver for 36W & above.



High Ingress Protection

Dust and splash water protected IP54 luminaire. The diffuser is sealed with the bottom frame using non-hygroscopic VHB gasket ensuring high ingress protection



Operating Temperature

-10°C to +50°C



Safe & Reliable

THD<10%,
Inbuilt Surge Protection: 2.5kV+10kV External
Class-I product, IP54



Environment Friendly

An energy efficient lighting solution reducing the (LPD) which makes it an ideal choice for green industries



No Maintenance & Long Life

Constant Current Constant Voltage (CCCV) driver ensures maintenance free long service life of 50000 hours

APPLICATIONS

Pharmaceutical Industries
Chemical & Biological Lab
Semiconductor Fabrication
Food & Beverage Industries
Hospital



TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	LxWxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)	Weight (kg)
PCRM03184	18W (Screw & MS Bottom Frame)	300x300x65	270x270	≤ 10%	4000K	1.75
PCRM03188	18W (Screw & MS Bottom Frame)	300x300x65	270x270	≤ 10%	5700K	1.75
PCRM03224	22W (Screw & MS Bottom Frame)	300x300x65	270x270	≤ 10%	4000K	1.75
PCRM03228	22W (Screw & MS Bottom Frame)	300x300x65	270x270	≤ 10%	5700K	1.75
PCRM03284	28W (Screw & MS Bottom Frame)	300x300x65	270x270	≤ 10%	4000K	1.75
PCRM03288	28W (Screw & MS Bottom Frame)	300x300x65	270x270	≤ 10%	5700K	1.75
PCRM03364	36W (Screw & MS Bottom Frame)	600x600x65	570x570	≤ 10%	4000K	
PCRM03368	36W (Screw & MS Bottom Frame)	600x600x65	570x570	≤ 10%	5700K	
PCRM03454	45W (Screw & MS Bottom Frame)	600x600x65	570x570	≤ 10%	4000K	5.00
PCRM03458	45W (Screw & MS Bottom Frame)	600x600x65	570x570	≤ 10%	5700K	5.00
PCRM03604	60W (Screw & MS Bottom Frame)	600x600x65	570x570	≤ 10%	4000K	5.00
PCRM03608	60W (Screw & MS Bottom Frame)	600x600x65	570x570	≤ 10%	5700K	5.00

* Also available in MS Frame with Screw, SS Frame with Screw and SS Frame without Screw options.

CLEANROOM TOP OPENING

IMBUE

45W/60W

IP 54, dust free & zero maintenance LED
Clean Room Top opening luminaire with
CRCA powder coating housing, anti glare
diffuser with potentiometric integrated
energy efficient electronic driver.



Potentiometric Driver

Potentiometric integrated energy efficient
electronic driver for 36W & above.



High Ingress Protection

Dust and splash water protected IP54 luminaire. The diffuser
is sealed with the bottom frame using non-hygroscopic VHB
gasket ensuring high ingress protection



Operating Temperature

-10°C to +50°C



Safe & Reliable

THD<10%, Inbuilt Surge Protection: 2.5kV+10kV Optional
Class-I product, IP65



Environment Friendly

An energy efficient lighting solution reducing the (LPD)
which makes it an ideal choice for green industries



No Maintenance & Long Life

Constant Current Constant Voltage (CCCV)
driver ensures maintenance free long service
life of 50000 hours

APPLICATIONS

Pharmaceutical Industries

Chemical & Biological Lab

Semiconductor Fabrication

Food & Beverage Industries

Hospital



TECHNICAL SPECIFICATION

Product Code	System Wattage (W)	LxWxH (mm)	Cutout (mm)	THD	Colour Temp. (CCT)	Weight (kg)
PCRM07454	45W (MS Frame)	650x650x75	580x580	≤ 10%	4000K	6.50
PCRM07458	45W (SS Frame)	650x650x75	580x580	≤ 10%	5700K	6.50
PCRM07604	60W (MS Frame)	650x650x75	580x580	≤ 10%	4000K	6.50
PCRM07608	60W (SS Frame)	650x650x75	580x580	≤ 10%	5700K	6.50
PCRM08454	45W (MS Frame)	650x650x75	580x580	≤ 10%	4000K	6.50
PCRM08458	45W (SS Frame)	650x650x75	580x580	≤ 10%	5700K	6.50
PCRM08604	60W (MS Frame)	650x650x75	580x580	≤ 10%	4000K	6.50
PCRM08608	60W (SS Frame)	650x650x75	580x580	≤ 10%	5700K	6.50

* Also available in MS Frame with Screw and MS Frame without Screw options.





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