

LED Pharma lights are suitable for offering effective lighting solutions for clean room applications in industries like food industries; laboratories require special IP65, easy-to-clean, dust free luminaires that meet all applicable lighting requirements and norms. This LED clean room luminaire represents the ideal solution, delivering market leading energy performance far beyond fluorescent solutions over 50,000 hours of maintenance free operation. The luminaires are design for rear opening & front opening. These light illuminating the uniform dispersion and more energy-efficient compared to PL-L and TL-D lights without adversely affecting the environment.



Features & Benefits

- Luminary efficacy reaches 130 lm/w, which gives more than 60% of energy saving when compared to FTL lamp.
- Aluminium sheet housing and bottom frame with Surface finish in epoxy polyester powder coating lends higher corrosion resistance & life long finish.
- Satin finish High Efficiency Translucence (HET) diffuser / clear PC diffuser sealed with bottom frame using non-hygroscopic VHB gasket to ensure dust proofing.
- Excellent heat dissipation through special design of high thermal conductivity Metal Clad PCB & aluminium housing
- Excellent quality of light with high color rendering.
- World class, approbated quality components (LEDs / Driver / etc.)
- Market-leading energy efficiency; extremely low operational cost over total lifetime
- Lifetime of over 30,000 hours, which requires no lamp replacement after installation

Specifications



Family Name	: Pharma LED
Model	: PLPL (531)
Wattage	: 50Watt (600mm x 600mm), 30Watt (600mm x 300mm)
Cut out Size	: 50Watt (575mm x 575mm), 30Watt (575mm x 275mm)
Lumen / Watt	: 130 lm/W
Lamp Colour	: 4700K, 6500K
Colour Rendering Index	: >80
Optics	: HET (High Efficiency Translucence) Diffuser.
Driver	: Integrated (Constant current driver)
Surge Protection	: 10 kV
Housing	: Aluminum housing finished by white coating.
Lifetime	: 30, 000 hrs
Classifications	: IP65
Input Voltage	: 180 - 270V AC - 50Hz
Power Factor	: > 0.95
Installation	: Recess mounting.
Application	: Hygienic area in hospital and laboratories, production facilities in the pharma, food and beverage industries.

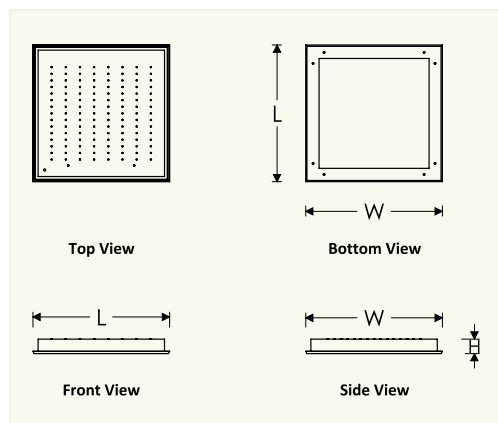
Accessories & Controls

In-built integrated electronic LED driver

Installation

Ceiling suspension using 19mm OD conduit pipe using knock-outs provided on the housing

Product Code	Ordering Code	LED Wattage	System Wattage (W)	Rated Voltage (V)	Mains Current (A)	Approx Weight (Kg)	Case Lot (Nos.)
PLPL 531 / 30	PLPL 531 / 160 / 55	26	30	240	0.14	3.610	1 Nos.
PLPL 531 / 50	PLPL 531 / 256 / 55	44	50	240	0.21	5.650	1 Nos.



Product Code	Dimension in mm			Lumens
	L	W	H	
PLPL 531 / 30	620	320	65	3400
PLPL 531 / 50	620	620	65	5400