

Lead (Pb) Free Product – RoHS Compliant - SMD TYPE LEDs

**Lighting System
Fluorescent PLCC LED
Technical Datasheet**

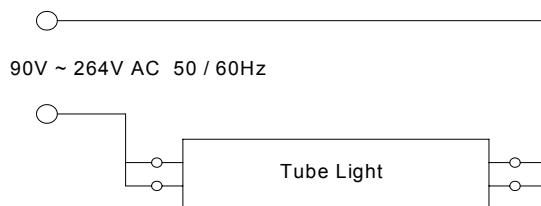


Features

- High Energy Efficiency and Savings
- Fits in existing tube holders – choke/ballast and starter not required
- Long lifespan > 35,000 hrs
- No maintenance cost
- Low heat dissipation/sink
- High-brightness
- Excellent Colour Rendering
- Eco-friendly green product
- Safe Light – No Ultraviolet or Infrared in the beam
- Option of Cool and Warm White colours
- Vibration Resistant

Installation

Installation Schematic



Starter, if present, should be removed. Choke/ballast should be shorted/bypassed using a wire

Standard Parameters

LED Viewing Angle : 120°
 Working Temperature : -30 ~ +85° C
 Storage Temperature : -40 ~ +100° C
 Colour Rendering Index : > 80
 Input Voltage : 90 – 264V AC
 Frequency : 50 ~ 60 Hz
 Power Factor : > 0.9
 PC Type : PC / FR4

Specific Parameters

Model Type / Parameter	MPSE100NW-XX	MPSE100WW-XX	MPSE200NW-XX	MPSE200WW-XX	MPSE324NW-XX	MPSE324WW-XX
Wattage	10W	10W	20W	20W	25W	25W
Size	L 587mm Ø 30mm	L 587mm Ø 30mm	L 1198mm Ø 30mm	L 1198mm Ø 30mm	L 1498mm Ø 30mm	L 1498mm Ø 30mm
Luminous Flux	180 Lux	120 Lux	380 Lux	280 Lux	430 Lux	330 Lux
LED (SMD)	126 pcs	126 pcs	252 pcs	252 pcs	315 pcs	315 pcs
CCT	6500±300° K	3200±300° K	6500±300° K	3200±300° K	6500±300° K	3200±300° K

XX = A1 for Aluminum Heat-Sink Base.

Recommended for use in high ambient temperature areas such as non air-conditioned industrial sheds, shop-floors etc.

XX = A2 for Non Aluminum Heat-Sink Base.

CCT 6500±300° K - Cool White

CCT 3200±300° K - Warm White



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Disclaimer

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