

LED STREET LIGHT

MESCAB
LED LIGHTING

Description

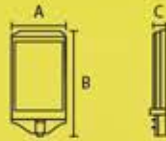
MESCAB Street Lights are highly efficient as compared to traditional HID fixtures. The unique optical design offers uniform distribution. They have low maintenance cost and work under high voltage fluctuations as well as in adverse climatic conditions. Manufactured using high quality aluminium alloy, they can work under high temperature. The adopted spraying or anodic oxidation treatment on surface enables high reflectance and ensures high output of luminous flux. They have Professional high quality PMMA optic lens.

Construction

The body is made of High Quality Aluminium Alloy with heat resistant toughened glass and silica gel sealing, using epoxy resin glue.



MSL 01 42/84/98/126 W



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Salient Features

- Energy saving compared with conventional HID Street Light.
- Long life upto 50000 Hrs.*
- High power factor and low THD.
- Auto adjusting power supply efficiency of Driver.
- Ingress protection of IP 65.
- Low maintenance cost.
- High efficiency LED light source with high luminous flux and strong colour rendering.
- Protection against lightning, over voltage and short circuit.
- Eco friendly, no UV & IR Radiation, instant On & Off.

Application

Widely used in Area Lighting, City Roads, Highways, Secondary Road, Branch Road, Factories, Schools, Community Roads, Garden Road and other outdoor Lighting.

| Catalogue Reference | Wattage (W) | Dimension (mm) | | |
|---------------------|-------------|----------------|-----|----|
| | | A | B | C |
| MSL 01 42 W | 42 | 305 | 375 | 80 |
| MSL 01 84 W | 84 | 304 | 555 | 80 |
| MSL 01 98 W | 98 | 304 | 615 | 80 |
| MSL 01 126 W | 126 | 305 | 605 | 80 |

Electrical Data

| Cat. Ref. | Product Size (mm) | Nominal Voltage | Frequency Range | Power (Watt) | LED Quantity | Protection Grade | Luminous Flux | CRI | Power Factor | Luminaire Efficiency | Beam Angle |
|--------------|-------------------|-----------------|-----------------|--------------|--------------|------------------|---------------|------|--------------|----------------------|------------|
| MSL 01 42 W | 305 x 375 | AC, 240 V | 50 Hz - 60 Hz | 42 W | 42 x 1W | IP 65 | 3600 LM | ≥ 70 | ≥ 0.90 | ≥ 85% | 120° |
| MSL 01 84 W | 304 x 555 | AC, 240 V | 50 Hz - 60 Hz | 84 W | 84 x 1W | IP 65 | 7150 LM | ≥ 70 | ≥ 0.90 | ≥ 85% | 120° |
| MSL 01 98 W | 304 x 615 | AC, 240 V | 50 Hz - 60 Hz | 98 W | 98 x 1W | IP 65 | 8500 LM | ≥ 70 | ≥ 0.90 | ≥ 85% | 120° |
| MSL 01 126 W | 305 x 605 | AC, 240 V | 50 Hz - 60 Hz | 126 W | 126 x 1W | IP 65 | 10700 LM | ≥ 70 | ≥ 0.90 | ≥ 85% | 120° |

* The above data is subject to change without prior notice due to continuous innovations and improvement in product.