

## LED Street Lighting Luminaire



### Description

#### Material

- Epoxy Powder Coated Pressure Die-Cast aluminium

#### Brackets

LED has several advantages over HPS lighting systems. It delivers incredible efficiency without sacrificing application performance. Color rendering is better. Beyond substantial energy savings and reduced maintenance, LED achieves greater optical control as compared to traditional luminaires. Used in Roadway, parking lots, walkways and general area spaces.

### Specification

- ✓ Tool less entry.
- ✓ IP66 Protection as per IEC 60529
- ✓ UL Listed and Halogen Free
- ✓ Input power voltage 220 V – 240 V
- ✓ Operating Temperature: -20 Deg. C to 50 Deg. C and operating humidity 10% – 90%
- ✓ Electronic Ballast with PF> 0.90
- ✓ Heat Sinks to dissipate heat effectively
- ✓ CRI – minimum 70 CRI, 80 CRI(3000K)
- ✓ CCT- 3000K,4000K, 5700 K
- ✓ Wattage: 25 – 139 W
- ✓ Limited warranty applicable is Class 1 (10 years on luminaire and coating) and Class 2 (5 years on luminaire and coating).
- ✓ Insulation Class: 1 or 2
- ✓ Color options include Silver, Black, Bronze, Silver Bronze, and White.
- ✓ Fitter is capable of mounting to both vertical and horizontal tenons and can be tilted  $\pm 5^\circ$ .
- ✓ Power factor: >0.95 at full load.
- ✓ Total Harmonic Distortion: <10% at full load.
- ✓ CE and RoHS compliant.
- ✓ Risk group exempt in accordance with standard CEI EN 62471 for photo biological safety.
- ✓ Impact resistance IK08.
- ✓ 10kV surge suppression protection tested in accordance with EN 61000-4-5.
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