

## **Specifications of LED Streetlights 90W/70 W:**

Pipe mount, Pressure Die-Cast Aluminum frame, High power SMD LED with integral, high efficient LED driver complete with all accessories.

**Warranty: 5 years** from the date of Receipt

1. Max. System Power: 90 W /70 W

2. Total Lumens : Not less than 10800 /8400

Colour Temperature: 5700° K +/- 300° K

Colour Rendering Index : Minimum 70

Life Expectancy: Not less than 50,000 glow hours at 35° C with 70% Lumen maintenance

LED Optics: Integrated Lens for uniform light spread

Housing Material: Pressure Die cast Aluminum alloy with high heat dissipation

Cover: Toughened Glass / Polycarbonate with high impact resistance

Ingress Protection: IP 66

Impact Resistance: IK 08

Surge Protection: Surge Protection Device 10 KV rating

Operating Voltage: 120 V – 270 V AC

Standards: i) Luminaires General requirement as per IS 10322 / IEC 60598

ii) Driver: As per IS 15885 / IEC 61347 (Attach Certificates for i& ii)

The luminaire and Driver shall be separately BIS Approved. (BIS

Certificates for Luminaire and Driver shall be submitted along with quotation.)

LM 79 & LM 80 Test Reports from NABL Accredited Laboratories shall be submitted.

### **Make:**

Luminaire: Philips (Signify)/ Wipro/Osram/ Crompton/Lighting Technologies/Pyrotech

Driver: Philips/ Wipro/Osram/ Crompton/Pyrotech

LED: Osram/CREE/Lumileds/Nichia/Wipro