

LLP 90

High Power LED Streetlight



BENEFITS

- Low Power Consumption - 28W
- High Brightness - Up to 2100 Lumens, 8 times that of incandescent lamps
- Long Life - Up to 50,000 Hours
- Robust Design - Shock and vibration resistant
- Light Beam - Low heat generated / no UV radiation
- Easy Installation - Fits standard Edison 40 socket and replaces the high pressure sodium lamp directly
- Save Money - Reduces labour and maintenance costs

SPECIAL FEATURES

- Direct Replacement - replaces existing high pressure mercury, high pressure sodium and metal halide lamps.
- Unique integrated lens and lampshade design.
- Standard E40, 360° Rotation Lamp Holder - can still rotate after being fully tightened into socket to ensure optimum light coverage of area
- Energy Saving - together with the high efficiency power supply will save 50 - 80% energy than conventional sodium and mercury lamps
- Start Without Delay - reaches normal brightness without delay associated with traditional street lamps
- Environmental Protection - no lead or mercury, therefore no environmental pollution

MAIN SPECIFICATIONS

Input Voltage	85-264Vac 47-63Hz
Power Factor	>0.9
Total Harmonic Dist.	<20%
Power Efficiency	83%
Working Voltage	24VDC
LED Consumption	28W
PSU Consumption	7W
LED Luminous Eff.	>80lm/W
LED Initial Flux	2500lm (Tj=25°C)
LED Maintain Flux	2300lm (Tj=70°C, Ta=25°C)
Lamp Output Flux	2100lm (Tj=70°C, Ta=25°C)
Lamp Efficiency	>90%
Illumination (E)	(Height =6M) >13lux (equal to HPS 33lux) (Height =8M) >7.5lux (equal to HPS 19lux) (Height =10M) >4.5lux (equal to HPS 11lux) (Height =12M) >3lux (equal to HPS 7.5lux)
Effective Illuminated Area	20 x 8M (Height = 6M) 26 x 10M (Height = 8M) 33 x 13M (Height = 10M) 40 x 16M (Height = 12M)
Colour Temp.	Pure white: 5,000-7,000K Warm White: 3,000-4,000K
CRI	Ra>75
Working Temp.	-10°C ~ 40°C
Working Humidity	10 - 90% RH
Lamp Base	E40
Dimensions	90 dia. x 275mm
Weight	1Kg

Specifications subject to change without notice

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