LU2

High Power LED Streetlight

BENEFITS

- Low Power Consumption - 56W
- High Brightness - Up to 4200 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 - Adjustable hoop, can be easily installed on most types of lamp pole
- Save Money - Reduces labour and maintenance costs

SPECIAL FEATURES

- Slim profile - reduces weight and the force exerted by the wind to reduce lamp pole loading
- Unique integrated lens and lampshade design.
- 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	85%
Working Voltage	24VDC
LED Consumption	56W
PSU Consumption	10W
LED Luminous Eff.	>80lm/W
LED Initial Flux	5000lm (Tj=25°C)
LED Maintain Flux	4600lm (Tj=70°C, Ta=25°C)
Lamp Output Flux	4200lm (Tj=70°C, Ta=25°C)
Lamp Efficiency	>90%
Illumination (E)	(Height =6M) >26lux (equal to HPS 65lux) (Height =8M) >15lux (equal to HPS 38lux) (Height =10M) >9lux (equal to HPS 20lux) (Height =12M) >6lux (equal to HPS 15lux)
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.	-30°C ~ 50°C
Working Humidity	10 - 90% RH
IP Rating	IP65
Dimensions	540(L) x 315(W) x 90(H)mm
Weight	7Kg

Specifications subject to change without notice

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