

# LU4

## High Power LED Streetlight



### BENEFITS

- Low Power Consumption - 112W
- High Brightness - Up to 8400 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	112W
PSU Consumption	20W
LED Luminous Eff.	>80lm/W
LED Initial Flux	10,000lm (Tj=25°C)
LED Maintain Flux	9,300lm (Tj=70°C, Ta=25°C)
Lamp Output Flux	8,400lm (Tj=70°C, Ta=25°C)
Lamp Efficiency	>90%
	(Height =6M) >53lux (equal to HPS 132lux)
	(Height =8M) >30lux (equal to HPS 75lux)
	(Height =10M) >18lux (equal to HPS 45lux)
	(Height =12M) >13lux (equal to HPS 33lux)
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