Specification for the Knightstar Street Lantern (60W)

The Knightstar dimmable lantern is an intelligent street lantern that has a microprocessor and a real time clock to perform the switch on/off, dim time down/up functions. It also incorporates a temperature compensation monitor to control the master oscillator to within ± 5ppm (5 parts per million accuracy). Software functions allows the longitude and latitude to be entered for each lantern, this then generates the sunrise and sunset daily table to be stored within the lantern. Daylight saving and leap year values are also generated and stored.

- **Input Voltage Range**   200-265VAC
- **Power Consumption**   60Watt
- **Power Factor**   >0.9
- **Low Operating Temperature**   <50Deg C
- **Life Expectancy**   50,000+ Hrs
- **Warm Light out Colour temperature**   4000-4200cct(K)
- **Lumen**   6120 lum
- **Colour Rendering index**   Ra80
- **Guarantee period**   10 Years
- **Lumen Depreciation to 75% or better after** 50k Hours
- **UMSUG Charge Code**   TBC