

ELS E40 60 watt LED Street Lamp Specification and Data Sheet

Electronic Lighting Science, Inc's LED lamps are the next generation in solid state lighting Technology. Our LED lamps combine highly efficient materials that allow our lamps an efficacy that far exceeds other brands in the marketplace.

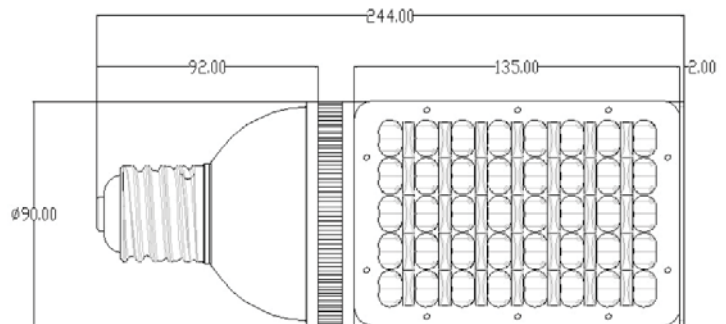
Our E40 Street Lamp series is a direct replacement for 400 watt HPS lamps in Street Lighting Applications. The ELS E40 based lamp consumes only 60 watts, reducing your energy consumption up to 85% of your current use. Our lamp is a cool lighting source, which produces No UV or IR. This feature greatly reduces maintenance costs. This lamp can be configured to work with 12/24V solar street lighting applications.

Features:

- High Lumen Output
- High Efficiency and Reliability
- Low Power Consumption
- Over 50,000 hour life span
- CE/RoHs Certificate Compliant
- 3 year Manufacturers Warranty

Applications:

- Street Light Lighting
- Parking Area Lighting
- Outdoor Working Facilities
- Solar Lighting Applications
- Park & Garden Lighting Applications



Specification Details

Model No :	ELS-SL-E40-60-WW	ELS-SL-E40-60-CW
Input Voltage	AC 85-300, 47-63Hz, Solar DC 12/24V	
Power Consumption	60 watts	
Color	Warm White	Cool White
Luminous Flux	5300Lm	6000Lm
Luminous Efficacy	83.3Lm/watt	100Lm/watt
Lumen Maintenance	70%	
Color Temperature	3200K	5500K
CRI	76	
Life Span	>50,000 hours	
Operation Temperature	-30°C-40°C	
Base	E39/E40	
Product Dimensions	Length: 244 mm / Diameter: 90 mm	
Lamp Body Material	Aluminum + PC	
Light Source	CREE XP-E R2 LED, 40 pcs	
IP Rating	IP65	
Weight	0.87kg	

Benefits:

1. Reliable CREE LEDs for High Brightness
2. 180 degree Illumination
3. No Glare
4. Wide Angle Illumination
5. Easy Installation and Maintenance

Illumination (E)

745 lux (height = 1m)
386 lux (height = 2m)
195 lux (height = 3m)
117 lux (height = 4m)