



**EV-LED-PAR36-30SPOT**

**LED SPOTLIGHT PAR36 (Eq to 50W Halogen) 12V AC/DC**

- LED 30 degree sealed-beam Spotlight PAR36 5W, 10-30V AC/DC, Equivalent to 35-50W Halogen with 85% Energy saving, i.e replacement for GE 4445, & 4454 (For 120 degree, see EV-LED-PAR36-9W)
- Suitable for off-road vehicles (Quad Bike, lawn mower, tractor, motorbike & skidoo) also Landscape ‘Well Light’ for narrow beam up-light of architectural pillar or tall tree.
- Custom LED Driver circuit to withstand voltage surges in Landscape environments
- 2 colors available, 3000K Warm-White (Landscape), or 6000K (Auto) Cool White. Luminous flux: 600-680LM, 30 degree spread
- Protect level: IP65 (Splash / Waterjet proof) – avoid pooling water
- No UV or IR radiation, low heat
- Base: Bi-Lugs, Brass screw
- Size: DiaØ112 \* 60mm (exact same as standard glass Halogen PAR36)
- Light source: 18 x Epistar SMT 2835 LED
- Life: 50,000 hours, min 70% of initial output.
- 2 year warranty
- Ensure that the lamp is installed above ground level, within a fixture, and for landscape use, with drainage (stone chips) below the lamp to avoid pooling from flash downpours. Product not warranted for Water damage.

Lighting Facts

Per Bulb

LED Product

Light Output (Lumens)

680

Watts

5

Lumens per Watt (Efficacy)

136

Color Accuracy

90

Color Rendering Index (CRI)

Estimated Yearly Energy Cost

\$0.60

Based on 3 hrs/day, 11¢/KWh

Cost depends on rates and use

Life

Based on 3 hrs/day

27.4 years

Light Color (Kelvin)

3000 (Warm White)

Warm White

Neutral

Daylight

2600K

3000K

4500K

6500K





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**CIE Color Parameter**

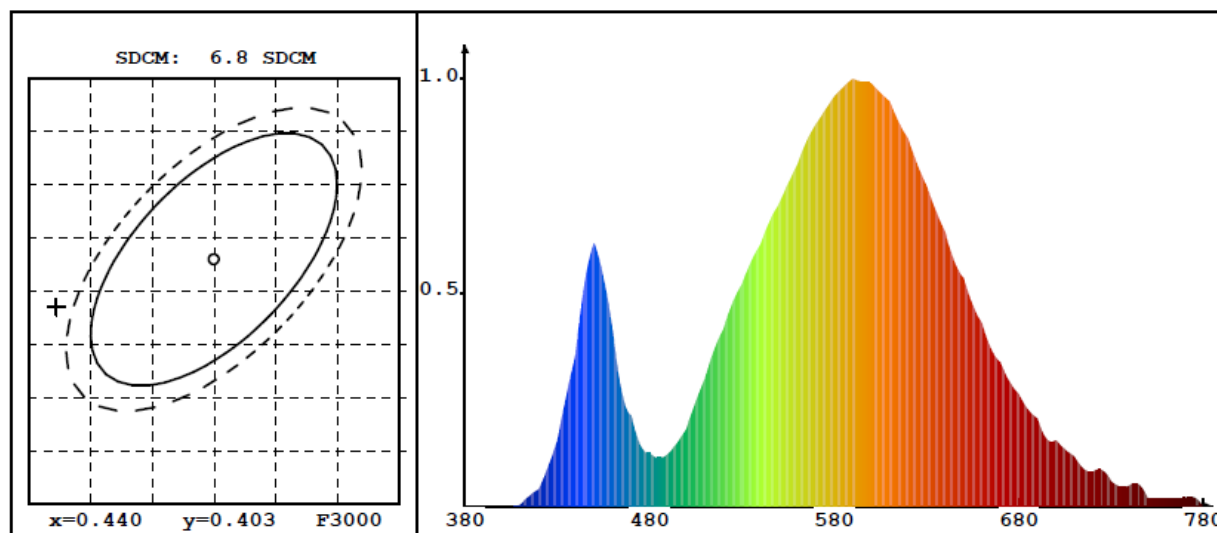
Chromaticity Coordinate:  $x=0.4273$   $y=0.3985$   $u=0.2467$   $v=0.3452$

CCT:  $T_c=3123K$  Dominant wave: 583.6nm Purity: 47.9%

Peak Wave: 590nm Half Width: 125.2nm RatioR=22.4% G=76.3% B=1.3%

Rending Index:  $R_a=72.9$

R1 =70	R2 =82	R3 =91	R4 =69	R5 =68	R6 =73	R7 =80
R8 =50	R9 =-19	R10=57	R11=62	R12=47	R13=72	R14=95



**Photo Parameter**

Luminous Flux: 654.2 lm Light Efficiency: 130.8 lm/W Radiant Power: 1.985W

**Electrical Parameter**

Voltage: 12.0V Current: 0.300A Power: 5.0W PF: 0.000