



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: Ra= 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

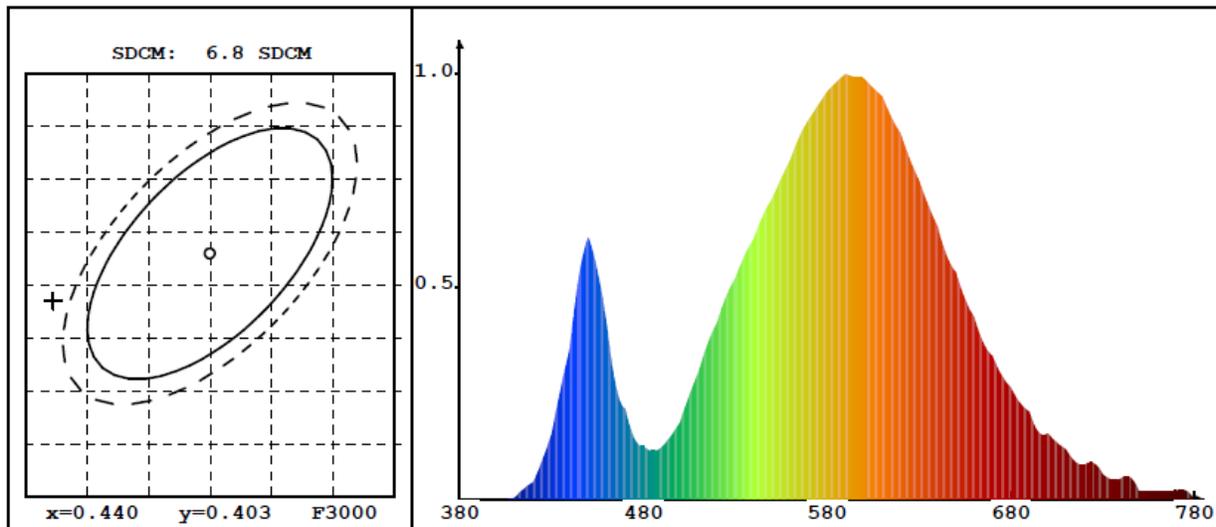


Photo Parameter

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

Electrical Parameter

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