

LED



SL-301

I. FEATURE

- Available in a selection of LED light colors
- Used as a replacement of traditional Halogen lamps
- Standard E-27 base and no need of modification
- E-27 is the lightest in the market currently (248g)
- Voltage operation at 100V-240V
- Aluminum material which provide good ability of heat conduction
- Beam angle at 78 degree ($1/2 \theta$)
- Safety Standard: CE
- No UV

II. Typical Applications

- Entertainment lighting
- Architectural lighting
- Landscape lighting
- Household / Security / Garden lighting
- Boutique lighting



III. THE PRODUCT

- Operating Voltage: 100V-240V 50/60 Hz
- Bottom base: PC, flammability: V2 level
- Heat sink: Aluminum alloys, 55~65°C after heat balance ($T_j = 25^{\circ}\text{C}$)
- Operating Temp. : -10~40 °C

Mr-16 Power	Led	Lumi	Beam Angle	Color	Part No.
5.0W	1W*3	135-165	78° (1/2 θ)	Red	SL-301 (5W-R)
5.0W	1W*3	150-165	78° (1/2 θ)	Green	SL-301 (5W-G)
5.0W	1W*3	30-45	78° (1/2 θ)	Blue	SL-301 (5W-B)
5.0W	1W*3	105-120	78° (1/2 θ)	Amber	SL-301 (5W-Y)
5.0W	1W*3	135-165	78° (1/2 θ)	Warm White	SL-301 (5W-WW)
5.0W	1W*3	195-225	78° (1/2 θ)	White	SL-301 (5W-W)

Photometrics

Ambient Operating Temperature, $T_j = 25^{\circ}\text{C}$

Color	Dominant Wavelength		Half-Width (nm)
	Min. (nm)	Max. (nm)	
Red	620	630	25
Green	520	530	35
Blue	460	470	25
Amber	585	595	25
White	6000K	7000K	
Warm White	2800K	3800K	

Version: SL-301 SPEC 990630