

Thermal Plastic LED A60 12V/24V 6W/9W

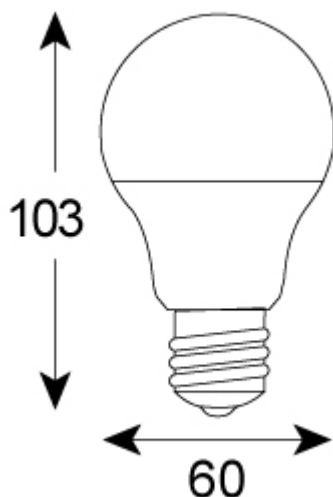
Features

- Extremely energy saving with low power consumption
- Ideal retrofit of traditional incandescent light source in traffic signals, EM lighting and outdoor lighting with 25 times longer life
- Extra low voltage (ELV) safe against electric shock, especially in damp locations
- Excellent thermal conductivity
- Good color rendition, Ra ≥ 80



Diagrams

Dimensions:



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Standards



Applications



Technical Data	
Electrical	
Rated Wattage [W]	6W / 9W
Rated Voltage [V/Hz]	12V/24V AC/DC, 50/60Hz
Power Factor	1
Input Current [mA] @12V	500 / 750
Input Current [mA] @24V	250 / 375
Model	
LED TP A60 6W	6W (12V)
LED TP A60 9W	9W (12V)
LED TP A60 6W	6W (24V)
LED TP A60 9W	9W (24V)
Luminous Flux [lm]	
6W	470lm @3000K
	490lm @6500K
9W	800lm @3000K
	850lm @6500K
Performance	
SDCM	<6
Efficacy [lm/W]	78-94
Color Rendering Index [Ra]	≥80
Beam Angle [°]	140
Rated Life, Ta@25°C [hrs]	25,000
Lamp Survival Factor at 6000hrs	>0.9
Lumen Maintenance at 6000hrs	>0.8
Number of Switching Cycles Before Failure	>15,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%

Mechanical		
Diameter D [mm]		Φ60
Height H [mm]		103
Base		E27 / B22d
Material		Aluminium + PC
Standard Compliance		
CE-EMC		EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF		EN62493
Environment		RoHS
Mercury Content [mg]		0.0
Energy Class		Exempt
Other		
Dimmable [Y/N]		N
Operation Temperature		-20°C ~ 50°C
Storage Temperature		-10°C ~ 30°C