

Smart Thermal Plastic LED A60

8.5W/11W

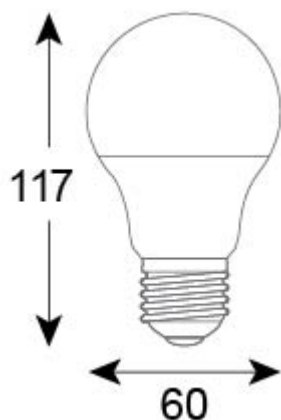
Features

- Extremely energy saving with low power consumption
- Ideal retrofit of traditional lamps with same appearance / performance / dimensions
- Vivid and multiple color changing with over 16 million colors
- Work with both mobile and most common smart home devices via Amazon Alexa, Google Home Assistant and Apple HomeKit
- Control in a group or individually and customize your own lighting preferences
- Customize timer schedule to optimize energy efficiency
- Remote control the lamps from anywhere and anytime
- Tunable White from 2700K to 6500K
- Support Matter protocol
- Smooth dimming range from 1% to 100%
- Good color rendition, Ra ≥ 80



Diagrams

Dimensions:



Smart Control:



Prosperity Lamps & Components Ltd.

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Standards



Applications



Home



Office



Shopping mall



Hotel



Supermarket



Restaurant

Technical Data

Type of Light Source

Lighting Technology Used LED

Non-directional or Directional [NDLS/DLS] NDLS

Mains or Non-mains [MLS/NMLS] MLS

Connected Light Source Yes

Color tunable light source Yes

Envelop [No/Second/Non-Clear] No

High Luminance Light Source No

Anti-glare Shield No

Electrical

Rated Wattage [W] 8.5W / 11W

On-mode Power [W] 8.5W / 11W

Standby Power [W] 0.5W

Networked Standby Power [W] 0.5W

Rated Voltage [V/Hz] 220-240Vac, 50/60Hz

Power Factor @230V 0.7

Input Current [mA] @230V 53 / 68

Model

LED-SMT TP A60 8.5W TW DIM 8.5W

LED-SMT TP A60 8.5W RGBTW DIM 8.5W

LED-SMT TP A60 11W RGBTW DIM 11W

Luminous Flux (Useful Luminous Flux) [lm]

8.5W 800lm

11W 1055lm

Performance

SDCM <6

Chromaticity coordinates [x, y] 0.463, 0.42@2700K / 0.312, 0.335@6500K

Efficacy [lm/W] 94-96

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Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	200
Rated Life, Ta@25°C [hrs]	15,000
Lamp Survival Factor	0.9
Lumen Maintenance	0.93
Number of Switching Cycles Before Failure	>7,500
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Displacement Factor [cosØ]	0.5 / 0.7
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Diameter D [mm]	Φ60
Height H [mm]	117
Base	E27/ B22d
Material	Thermal Plastic
Standard Compliance	
CE-LVD	EN62560
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
Environment	RoHS
Mercury Content [mg]	0.0
Energy Class	F
Other	
Dimmable [Y/N]	Y
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C
Claim of Equivalent Power, 8.5W [W]	60W
Claim of Equivalent Power, 11W [W]	75W
Energy Consumption in on-mode [kWh/1000h]	9kWh / 11kWh