

Smart Filament-LED A60

7W

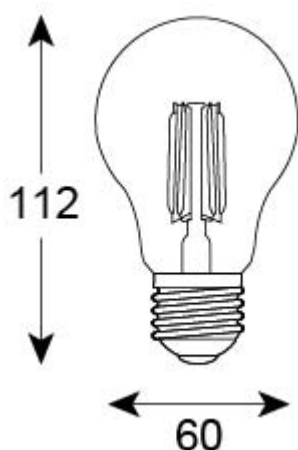
Features

- Extremely energy saving with low power consumption
- Full glass version ideal retrofit of traditional lamps with same appearance / performance / dimensions
- 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
- Smooth dimming range from 1% to 100%
- Support Matter protocol
- Overall light distribution
- 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 | No |
| Envelop [No/Second/Non-Clear] | No |
| High Luminance Light Source | No |
| Anti-glare Shield | No |

Electrical

| | |
|-----------------------------|---------------------|
| Rated Wattage [W] | 7W |
| On-mode Power [W] | 7W |
| 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 | 43 |

Model

| | |
|--------------------------------|----|
| LED-SMT A60 FIL-7W-G CL TW DIM | 7W |
|--------------------------------|----|

Luminous Flux (Useful Luminous Flux) [lm]

| | |
|----|-------|
| 7W | 806lm |
|----|-------|

Performance

| | |
|---------------------------------|--|
| SDCM | <6 |
| Chromaticity coordinates [x, y] | 0.463, 0.42@2700K / 0.312, 0.335@6500K |
| Efficacy [lm/W] | 115 |
| Color Rendering Index [Ra] | ≥80 |
| R9 colour rendering index value | 2 |
| Beam Angle [°] | 360 |

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| | |
|---|--|
| 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 |
| Flicker Metric [Pst LM] | 1 |
| Stroboscopic Effect Metric [SVM] | 0.4 |
| Mechanical | |
| Diameter D [mm] | Φ60 |
| Height H [mm] | 112 |
| Base | E27 |
| Material | Glass |
| 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 | E |
| Other | |
| Dimmable [Y/N] | Y |
| Operation Temperature | -20°C ~ 50°C |
| Storage Temperature | -10°C ~ 30°C |
| Claim of Equivalent Power, 7W [W] | 60W |
| Energy Consumption in on-mode [kWh/1000h] | 7kWh |