

Filament-LED A60 Class-A

2.2W/3.8W/5W/7.2W

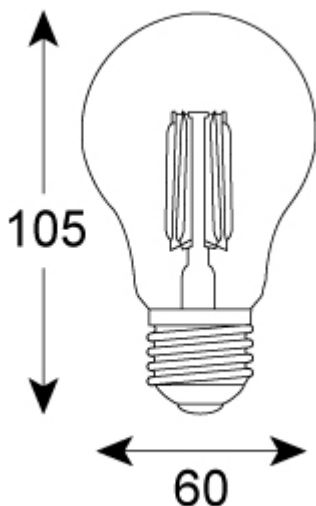
Features

- Extremely energy saving with low power consumption
- Full glass version ideal retrofit of traditional lamps with same appearance / performance / dimensions
- Supreme efficacy up to 214lm/W
- The highest energy efficiency class A in the market
- Save over 93% energy consumption
- Overall light distribution
- Good color rendition, Ra ≥80



Diagrams

Dimensions:



Prosperity Lamps & Components Ltd.

Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: info@prosperitylamps.com

Standards



Applications



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	No	
Color tunable light source	No	
Envelop [No/Second/Non-Clear]	No	
High Luminance Light Source	No	
Anti-glare Shield	No	
Electrical		
Rated Wattage [W]	2.2W / 3.8W / 5W / 7.2W	
On-mode Power [W]	2.2W / 3.8W / 5W / 7.2W	
Standby Power [W]	N/A	
Networked Standby Power [W]	N/A	
Rated Voltage [V/Hz]	220-240Vac, 50/60Hz	
Power Factor @230V	0.4	
Input Current [mA] @230V	24 / 41 / 54 / 78	
Model		
LED A60 FIL-2.2W-G CL	2.2W	
LED A60 FIL-3.8W-G CL	3.8W	
LED A60 FIL-5W-G CL	5W	
LED A60 FIL-7.2W-G CL	7.2W	
Luminous Flux (Useful Luminous Flux) [lm]		
2.2W	470lm @3000K	
3.8W	806lm @3000K	
5W	1055lm @3000K	
7.2W	1521lm @3000K	
Performance		

SDCM	<6
Chromaticity coordinates [x, y]	0.44, 0.403@3000K
Efficacy [lm/W]	211-214
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	360
Rated Life, Ta@25°C [hrs]	50,000
Survival Factor	0.9
Lumen Maintenance Factor	0.96
Number of Switching Cycles Before Failure	>15,000
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]	105
Base	E27 / B22d
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	A
Other	
Dimmable [Yes/Only with specific dimmers/No]	No
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C
Claim of Equivalent Power, 2.2W [W]	40W
Claim of Equivalent Power, 3.8W [W]	60W
Claim of Equivalent Power, 5W [W]	75W
Claim of Equivalent Power, 7.2W [W]	100W
Energy Consumption in on-mode [kWh/1000h]	3kWh / 4kWh / 5kWh / 8kWh