

Filament-LED Round

2.5W/4W/6.5W

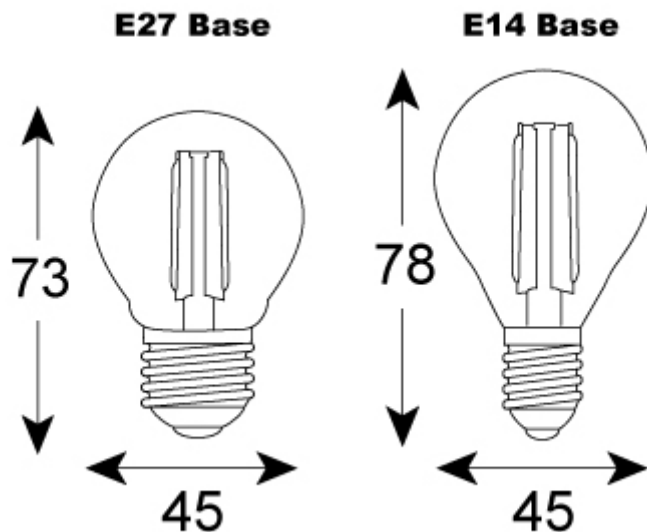
Features

- Extremely energy saving with low power consumption
- Full glass version ideal retrofit of traditional lamps with same appearance / performance / dimensions
- Overall light distribution
- Good color rendition, Ra ≥80



Diagrams

Dimensions:



Prosperity Lamps & Components Ltd.

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Standards



Applications



Home



Shopping mall



Hotel



Supermarket



Restaurant



Garden

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]	2.5W / 4W / 6.5W
On-mode Power [W]	2.5W / 4W / 6.5W
Standby Power [W]	N/A
Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	220-240Vac, 50/60Hz
Power Factor @230V	0.4 / 0.5 / 0.5
Input Current [mA] @230V	27 / 35 / 57

Model

LED G45 FIL-2.5W-G CL	2.5W
LED G45 FIL-4W-G CL	4W
LED G45 FIL-6.5W-G CL	6.5W

Luminous Flux (Useful Luminous Flux) [lm]

2.5W	250lm @2700K
4W	470lm @2700K
6.5W	800lm @2700K

Performance

SCDM	<6
Chromaticity coordinates [x, y]	0.463, 0.42@2700K

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Efficacy [lm/W]	100-123
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	360
Rated Life, Ta@25°C [hrs]	25,000
Lamp Survival Factor	0.9
Lumen Maintenance	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]	Φ45
Height H [mm]	78 (E14 / B15d)
	73 (E27 / B22d)
Base	E14 / B15d / 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	F(2.5W) / E(4W, 6.5W)
Other	
Dimmable [Yes/Only with specific dimmers/No]	
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C
Claim of Equivalent Power, 2.5W [W]	25W
Claim of Equivalent Power, 4W [W]	40W
Claim of Equivalent Power, 6.5W [W]	59W
Energy Consumption in on-mode [kWh/1000h]	3kWh / 4kWh / 7kWh