

Filament-LED G80/G95/G125

4W/6.5W/8.5W/12W

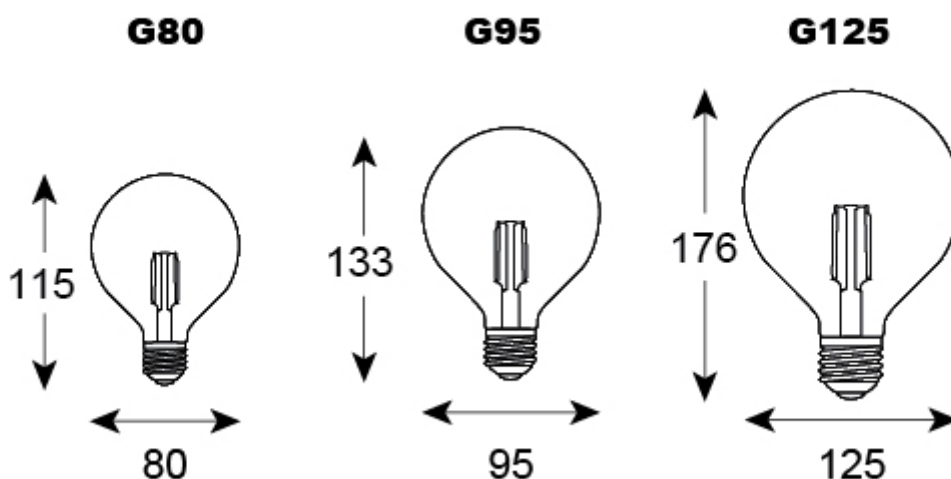
Features

- 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.

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

Standards



Applications



Home



Office



Shopping mall



Hotel



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	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]	4W / 6.5W / 8.5W / 12W
On-mode Power [W]	4W / 6.5W / 8.5W / 12W
Standby Power [W]	N/A
Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	220-240Vac, 50/60Hz
Power Factor @230V	0.5
Input Current [mA] @230V	35 / 57 / 74 / 104

Model

LED G80 FIL-4W-G CL	4W
LED G80 FIL-6.5W-G CL	6.5W
LED G80 FIL-8.5W-G CL	8.5W
LED G95 FIL-4W-G CL	4W
LED G95 FIL-6.5W-G CL	6.5W
LED G95 FIL-8.5W-G CL	8.5W
LED G95 FIL-12W-G CL	12W
LED G125 FIL-4W-G CL	4W
LED G125 FIL-6.5W-G CL	6.5W

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LED G125 FIL-8.5W-G CL	8.5W
LED G125 FIL-12W-G CL	12W
Luminous Flux (Useful Luminous Flux) [lm]	
4W	470lm @2700K
6.5W	800lm @2700K
8.5W	1050lm @2700K
12W	1520lm @2700K
Performance	
SCDM	<6
Chromaticity coordinates [x, y]	0.463,0.42@2700K
Efficacy [lm/W]	118-127
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 / 0.5 / 0.5 / 0.7
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Diameter D [mm]	Φ80 / Φ95 / Φ125
Height H [mm]	115 / 133 / 176
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	E
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, 4W [W]	40W
Claim of Equivalent Power, 6.5W [W]	59W
Claim of Equivalent Power, 8.5W [W]	74W
Claim of Equivalent Power, 12W [W]	99W

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Energy Consumption in on-mode [kWh/1000h]

4kWh / 7kWh / 9kWh / 12kWh