

DIM Thermal Plastic LED G95/G125

13W/16W/20W

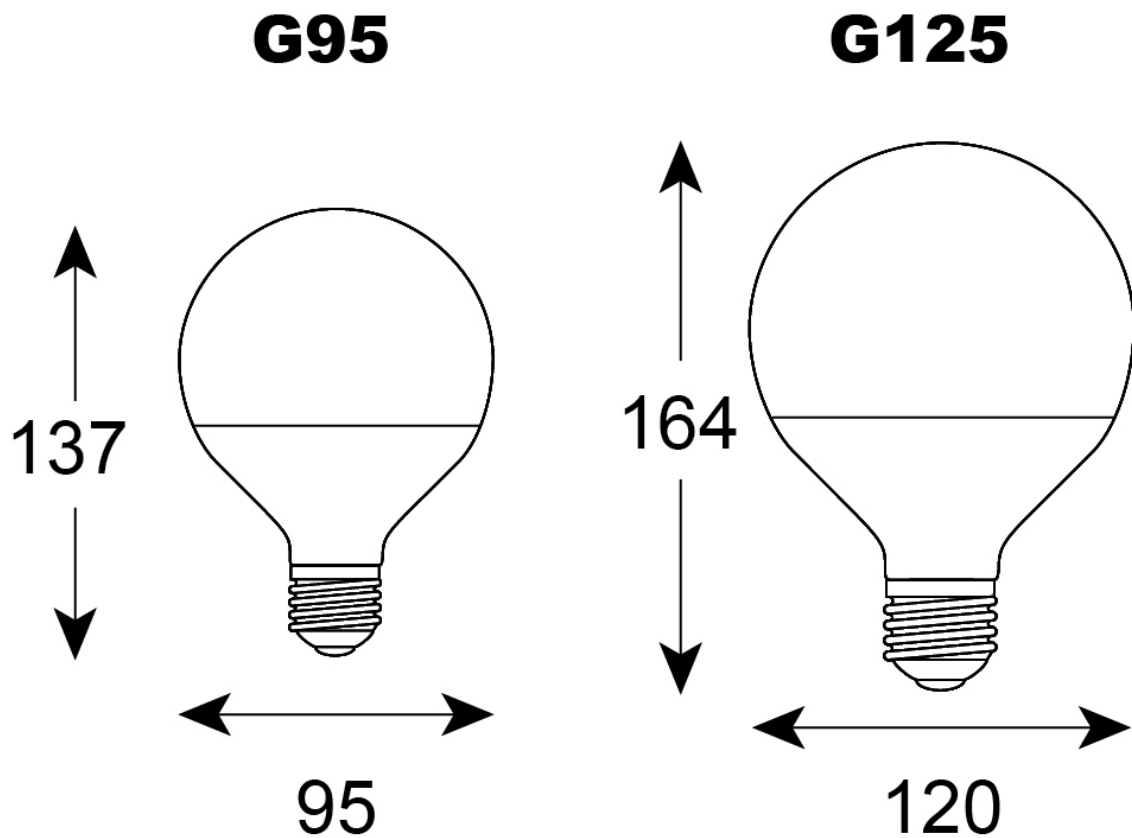
Features

- Extremely energy saving with low power consumption
- Ideal retrofit of traditional lamps with same appearance / performance / dimensions
- Excellent thermal conductivity
- Good color rendition, Ra $\geq$ 80



Diagrams

Dimensions:



Standards



Applications



Home



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	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]	13W / 16W / 20W
On-mode Power [W]	13W / 16W / 20W
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	113 / 139 / 174

Model

LED TP G95 13W	13W
LED TP G125 16W	16W
LED TP G95 13W DIM	13W
LED TP G125 16W DIM	16W
LED TP G125 20W DIM	20W

Luminous Flux (Useful Luminous Flux) [lm]

LED TP G95 13W	1500lm @3000K
	1540lm @4000K
	1580lm @6500K
LED TP G125 16W	1850lm @3000K
	1900lm @4000K
	1950lm @6500K
LED TP G95 13W DIM	1500lm @3000K
	1525lm @4000K

Prosperity Lamps & Components Ltd.

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

	1550lm @6500K
LED TP G125 16W DIM	1800lm @3000K
	1850lm @4000K
	1900lm @6500K
LED TP G125 20W DIM	2450lm @3000K
	2475lm @4000K
	2500lm @6500K
Performance	
SCDM	<6
Chromaticity coordinates [x, y]	0.44,0.403@3000K / 0.38,0.38@4000K / 0.312,0.335@6500K
Efficacy [lm/W]	115-125
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	270
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]	0.7
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Diameter D [mm]	Φ95 / Φ120
Height H [mm]	137 / 164
Base	E27 / B22d
Material	Aluminium + PC
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]	Y
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C
Claim of Equivalent Power, 13W [W]	103W
Claim of Equivalent Power, 16W [W]	123W
Claim of Equivalent Power, 20W [W]	152W

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

13kWh / 16kWh / 20kWh