Page 1 of 3

Date: 2025-11-29

Smart Filament-LED G45 4.5W

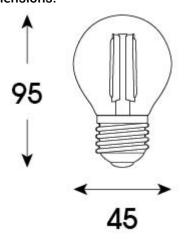
Features

- · 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.

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



Product Series Datasheet

Date: 2025-11-29 Page 2 of 3

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]	4.5W
On-mode Power [W]	4.5W
Standby Power [W]	0.5W
Networked Standby Power [W]	0.5W
Rated Voltage [V/Hz]	220-240Vac, 50/60Hz
Power Factor @230V	0.5
Input Current [mA] @230V	39
Model	
LED-SMT G45 FIL-4.5W-G CL TW DIM	4.5
Luminous Flux (Useful Luminous Flux) [lm]	
4.5W	470lm
Performance	
SDCM	<6
Chromaticity coordinates [x, y]	0.463, 0.42@2700K / 0.312, 0.335@6500K
Efficacy [lm/W]	104
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	360

Prosperity Lamps & Components Ltd.

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



Product Series Datasheet

Date: 2025-11-29 Page 3 of 3

15,000
0.9
0.93
>7,500
<0.5
<2
<5%
0.5
1
0.4
Ф45
95
E27
Glass
EN62560
EN55015, EN61547, EN61000-3-2, EN61000-3-3
EN62493
RoHS
Tions
0.0
0.0
0.0
0.0 F
0.0 F Y
0.0 F Y -20°C ~ 50°C