

# Dimmable Filament-LED G16.5 120V

## 4.5W/5.5W

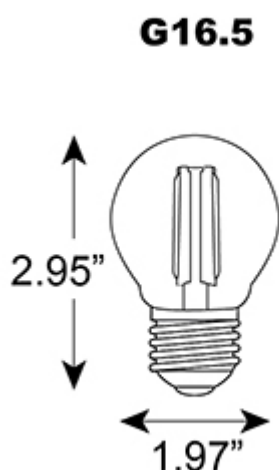
### Features

- Extremely energy saving with low power consumption
- Full glass version ideal retrofit of traditional lamps with same appearance / performance / dimensions
- Overall light distribution
- CCT 4000K also available
- 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

#### Electrical

|                          |                     |
|--------------------------|---------------------|
| Rated Wattage [W]        | 4.5W / 5.5W         |
| Rated Voltage [V/Hz]     | 110-130Vac, 50/60Hz |
| Power Factor @120V       | 0.7                 |
| Input Current [mA] @120V | 54 / 65             |

#### Model

|                                |      |
|--------------------------------|------|
| LED NA G16.5 FIL-4.5W-G CL DIM | 4.5W |
| LED NA G16.5 FIL-5.5W-G CL DIM | 5.5W |

#### Luminous Flux [lm]

|      |              |
|------|--------------|
| 4.5W | 360lm @2700K |
| 5.5W | 500lm @2700K |

#### Performance

|                                      |                |
|--------------------------------------|----------------|
| SDCM                                 | <6             |
| Estimated Yearly Energy Cost [\$USD] | 0.54 / 0.66    |
| Luminous Efficacy [lm/W]             | 80-91          |
| Color Rendering Index [Ra]           | ≥80            |
| Color Maintenance [hr]               | >6000          |
| Luminous Intensity Distribution [°]  | 360            |
| Life [Yrs] (based on 3hrs/day)       | 14             |
| Lumen Maintenance at 6000hrs         | >0.8           |
| Rapid Cycle Stress                   | >15,000 cycles |
| Start Time [sec]                     | <0.5           |
| LED Failure                          | <5%            |

#### Mechanical

|                 |       |
|-----------------|-------|
| Diameter D [in] | Φ1.97 |
| Height H [in]   | 2.95  |
| Base            | E26   |
| Material        | Glass |

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|                       |  |                                           |
|-----------------------|--|-------------------------------------------|
| Standard Compliance   |  |                                           |
| ANSI                  |  | UL8750, UL1993, C82.77-2002, C78.377-2008 |
| FCC                   |  | FCC CFR Part 15, FCC CFR Part 18          |
| Mercury Content [mg]  |  | 0.0                                       |
| Energy Star           |  | Y                                         |
| Other                 |  |                                           |
| Dimmable [Y/N]        |  | Y                                         |
| Operation Temperature |  | -20°C ~ 50°C                              |
| Storage Temperature   |  | -10°C ~ 30°C                              |