

# Thermal Plastic LED G30/G40 120V

## 9W/12W

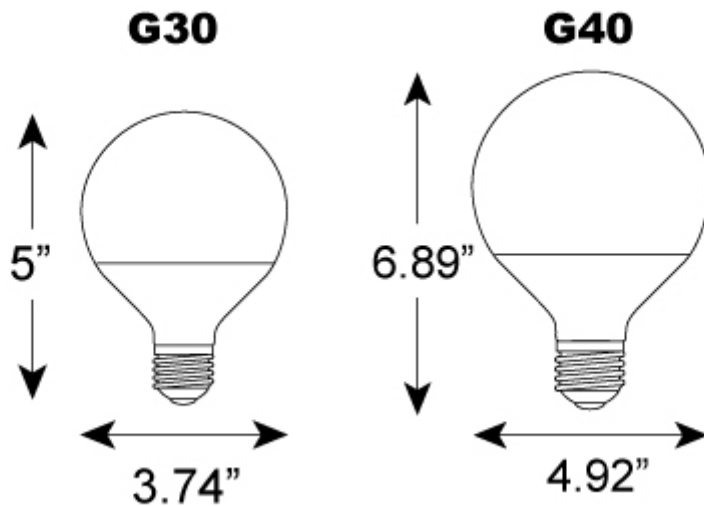
### Features

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



### Diagrams

Dimensions:



Prosperity Lamps & Components Ltd.

Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: [www.prosperitylamps.com](http://www.prosperitylamps.com) Email: [info@prosperitylamps.com](mailto:info@prosperitylamps.com)

Standards



Applications

  
Home

  
Shopping mall

  
Hotel

  
Supermarket

  
Restaurant

| Technical Data                       |                           |
|--------------------------------------|---------------------------|
| Electrical                           |                           |
| Rated Wattage [W]                    | 9W / 12W                  |
| Rated Voltage [V/Hz]                 | 110-130Vac, 50/60Hz       |
| Power Factor @120V                   | 0.5                       |
| Input Current [mA] @120V             | 150 / 200                 |
| Model                                |                           |
| LED NA TP G30 9W                     | 9W                        |
| LED NA TP G40 12W                    | 12W                       |
| Luminous Flux [lm]                   |                           |
| 9W                                   | 800lm @3000K              |
| 12W                                  | 1100lm @3000K             |
| Performance                          |                           |
| SDCM                                 | <6                        |
| Estimated Yearly Energy Cost [\$USD] | 1.08 / 1.45               |
| Luminous Efficacy [lm/W]             | 89-92                     |
| Color Rendering Index [Ra]           | ≥80                       |
| Color Maintenance [hr]               | >6000                     |
| Luminous Intensity Distribution [°]  | 200                       |
| 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]                      | Φ3.74 (G30) / Φ4.92 (G40) |
| Height H [in]                        | 5 (G30) / 6.89 (G40)      |
| Base                                 | E26                       |
| Material                             | Aluminium + PC            |

|                       |  |                                           |
|-----------------------|--|-------------------------------------------|
| 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                                       |
| Other                 |  |                                           |
| Dimmable [Y/N]        |  | N                                         |
| Operation Temperature |  | -20°C ~ 50°C                              |
| Storage Temperature   |  | -10°C ~ 30°C                              |