

# LED GY6.35 North America

## 2.5W

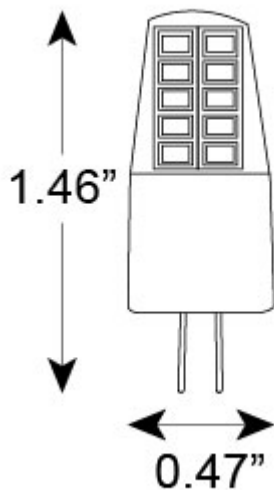
### Features

- Extremely energy saving with low power consumption
- Ideal retrofit of traditional halogen lamps with compact size
- Suitable for operation with all magnetic transformers, LED drivers and most electronic ballasts
- Overall light distribution
- Good color rendition, Ra ≥80



### Diagrams

Dimensions:



Prosperity Lamps & Components Ltd.

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Applications

  
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Shopping mall

  
Hotel

  
Supermarket

  
Restaurant

  
Gallery

  
Museum

| Technical Data                       |                                   |
|--------------------------------------|-----------------------------------|
| Electrical                           |                                   |
| Rated Wattage [W]                    | 2.5W                              |
| Rated Voltage [V/Hz]                 | 12-24V AC/DC, 50/60Hz             |
| Power Factor                         | 1                                 |
| Input Current [mA] @12V              | 208                               |
| Input Current [mA] @24V              | 104                               |
| Model                                |                                   |
| LED NA GY6.35 2.5W                   | 2.5W                              |
| Luminous Flux [lm]                   |                                   |
| 2.5W                                 | 260lm @3000K                      |
|                                      | 280lm @6500K                      |
| Performance                          |                                   |
| SDCM                                 | <6                                |
| Estimated Yearly Energy Cost [\$USD] | 0.3                               |
| Luminous Efficacy [lm/W]             | 104-112                           |
| Color Rendering Index [Ra]           | ≥80                               |
| Color Maintenance [hr]               | >6000                             |
| Luminous Intensity Distribution [°]  | 360                               |
| Life [Yrs] (based on 3hrs/day)       | 23                                |
| Lumen Maintenance at 6000hrs         | >0.8                              |
| Rapid Cycle Stress                   | >15,000 cycles                    |
| Start Time [sec]                     | <0.5                              |
| LED Failure                          | <5%                               |
| Mechanical                           |                                   |
| Diameter D [in]                      | Φ0.47                             |
| Height H [in]                        | 1.46                              |
| Base                                 | GY6.35                            |
| Material                             | Silicon                           |
| Standard Compliance                  |                                   |
| ANSI                                 | 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 |