

# LED G4

## 2W/2.5W

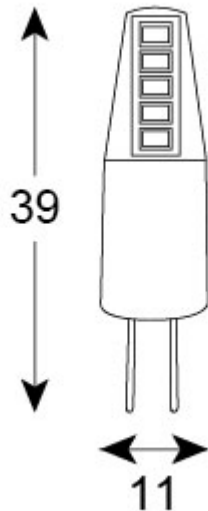
### Features

- 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:



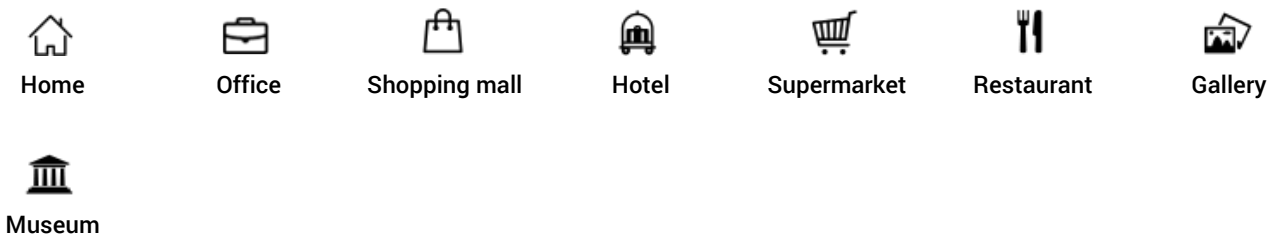
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Standards



Applications



| Technical Data                            |                       |
|-------------------------------------------|-----------------------|
| Type of Light Source                      |                       |
| Lighting Technology Used                  | LED                   |
| Non-directional or Directional [NDLS/DLS] | NDLS                  |
| Mains or Non-mains [MLS/NMLS]             | NMLS                  |
| 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]                         | 2W / 2.5W             |
| On-mode Power [W]                         | 2W / 2.5W             |
| Standby Power [W]                         | N/A                   |
| Networked Standby Power [W]               | N/A                   |
| Rated Voltage [V/Hz]                      | 12-24V AC/DC, 50/60Hz |
| Power Factor                              | 1                     |
| Input Current [mA] @12V                   | 167 / 208             |
| Input Current [mA] @24V                   | 83 / 104              |
| Model                                     |                       |
| LED G4 2W                                 | 2W                    |
| LED G4 2.5W                               | 2.5W                  |
| Luminous Flux (Useful Luminous Flux) [lm] |                       |
| 2W                                        | 220lm @3000K          |
|                                           | 235lm @6500K          |

|                                              |                                            |
|----------------------------------------------|--------------------------------------------|
| 2.5W                                         | 260lm @3000K                               |
|                                              | 280lm @6500K                               |
| Performance                                  |                                            |
| SCDM                                         | <6                                         |
| Chromaticity coordinates [x, y]              | 0.44, 0.403@3000K / 0.312, 0.335@6500K     |
| Efficacy [lm/W]                              | 104-118                                    |
| Color Rendering Index [Ra]                   | ≥80                                        |
| R9 colour rendering index value              | 2                                          |
| Beam Angle [°]                               | 360                                        |
| 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]                   | N/A                                        |
| Flicker Metric [Pst LM]                      | N/A                                        |
| Stroboscopic Effect Metric [SVM]             | N/A                                        |
| Mechanical                                   |                                            |
| Diameter D [mm]                              | Φ11                                        |
| Height H [mm]                                | 39                                         |
| Base                                         | G4                                         |
| Material                                     | Silicon                                    |
| 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                                 | F                                          |
| Other                                        |                                            |
| Dimmable [Yes/Only with specific dimmers/No] | No                                         |
| Operation Temperature                        | -10°C ~ 45°C                               |
| Storage Temperature                          | -10°C ~ 30°C                               |
| Claim of Equivalent Power, 2W [W]            | 23W                                        |
| Claim of Equivalent Power, 2.5W [W]          | 27W                                        |
| Energy Consumption in on-mode [kWh/1000h]    | 2kWh / 3kWh                                |