

LED G4 North America

1W/2W/3W

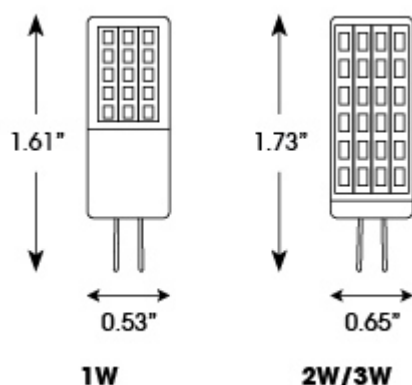
Features

- 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


Home


Office


Shopping mall


Hotel


Supermarket


Restaurant


Gallery


Museum

Technical Data	
Electrical	
Rated Wattage [W]	1W / 2W / 3W
Rated Voltage [V/Hz]	12V AC/DC, 50/60Hz
Power Factor	0.5
Input Current [mA] @12V	167 / 333 / 500
Model	
LED NA G4 1W	1W
LED NA G4 2W	2W
LED NA G4 3W	3W
Luminous Flux [lm]	
1W	100lm @3000K
	110lm @4000K
	120lm @6500K
2W	200lm @3000K
	210lm @4000K
	220lm @6500K
3W	300lm @3000K
	310lm @4000K
	320lm @6500K
Performance	
SDCM	<6
Estimated Yearly Energy Cost [\$USD]	0.12 / 0.24 / 0.36
Luminous Efficacy [lm/W]	100-120
Color Rendering Index [Ra]	≥80
Color Maintenance [hr]	>6000
Luminous Intensity Distribution [°]	300
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]	Φ0.53 / Φ0.65 / Φ0.65
Height H [in]	1.61 / 1.73 / 1.73
Base	G4
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