

LED COB G4 North America

1W/2W

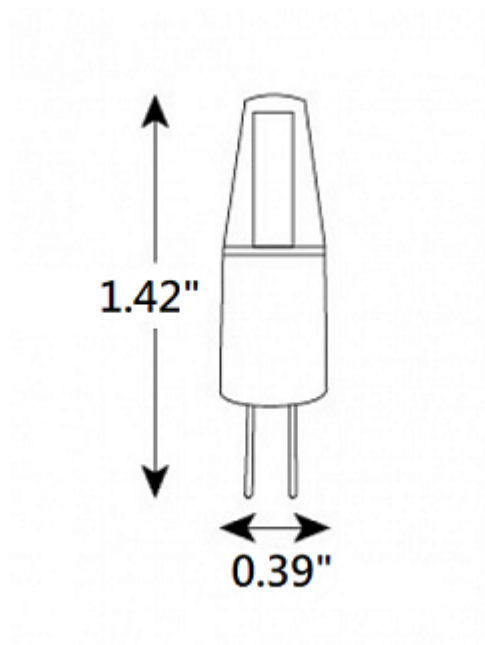
Features

- 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
Rated Voltage [V/Hz]	12-24V AC/DC, 50/60Hz
Power Factor	1
Input Current [mA] @12V	83 / 167
Input Current [mA] @24V	42 / 83
Model	
LED NA G4 COB-1W	1W
LED NA G4 COB-2W	2W
Luminous Flux [lm]	
1W	100lm @3000K
	105lm @6500K
2W	160lm @3000K
	170lm @6500K
Performance	
SDCM	<6
Estimated Yearly Energy Cost [\$USD]	0.24
Luminous Efficacy [lm/W]	80-105
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]	Φ0.39
Height H [in]	1.42
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