

R & C Agency International Pty Ltd

Specification

LEDBI-PIN2WSW

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G4 2 WATT BI-PIN LED LAMP

Features

- Most advanced LED source : Nichia, Cree or Lumileds.
- Professional design to efficiently work components of power, thermal solutions and optics
- Reliable quality and flexible leadtime
- CRI(RA): Warm White+80 / Natural White+80 / Cool White+70
- Available White : 2,500-6,500K CCT
- Long lifetime : Min 20,000 hours, Typical 40,000 hours



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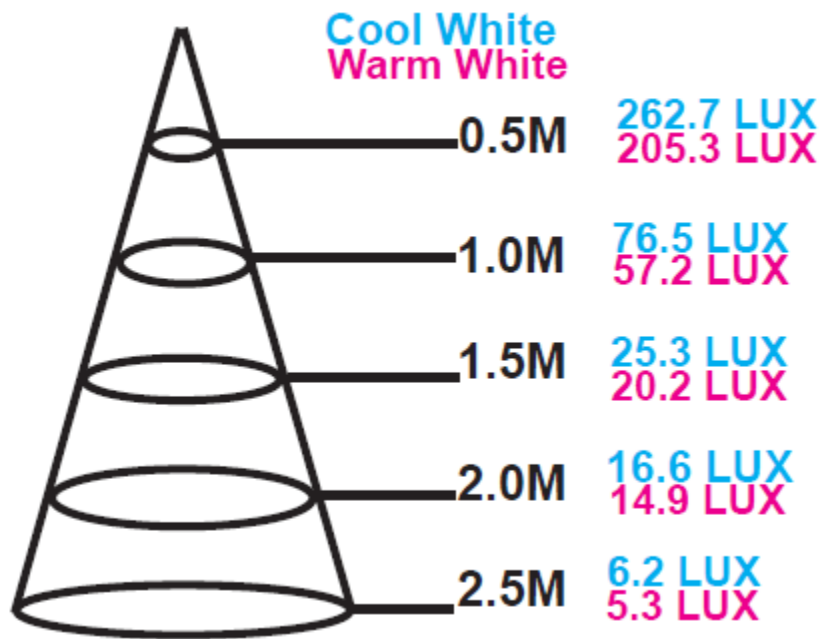
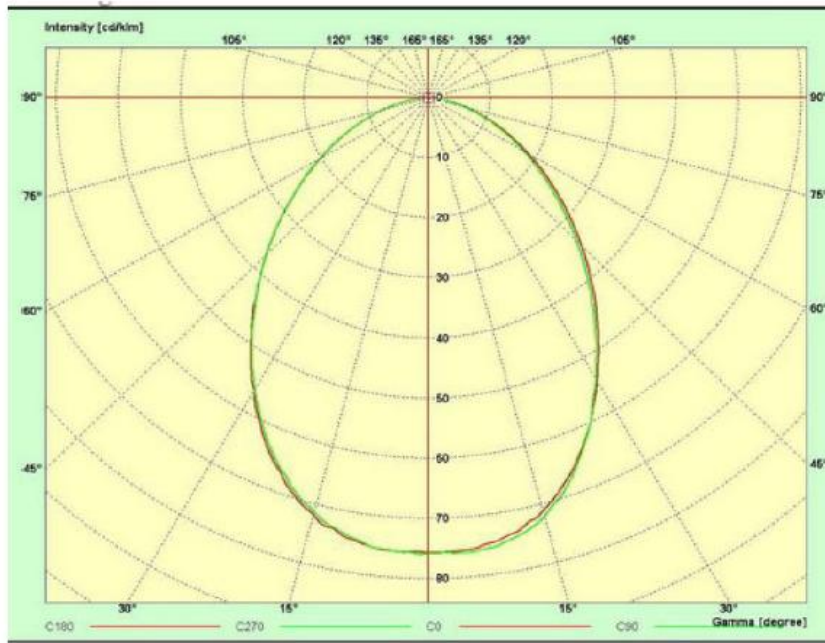
LED TYPE	COLOUR TEMP.	C.R.I./ MIN.	INPUT VOLATGE	POWER CONSUMPTION	BEAM ANGLE D120	LUMENOUS FLUX	LAMPHOLDER	LUMEN / WATT
CREE	2500K-3200K 5000K-6500K	80/70	12VDCAC	1.8W	84	74 / 57	G4	50 / 38

Electrical / Environmental Characteristic

IF INPUT VOLTAGE	OPERATING VOLTAGE	TOTAL POWER CONSUMPTION	OPERATING TEMPERATURE
12VDC	12 V	1.8W	-20 DEGREES - +40 DEGREES C

Mechanical Dimension (mm)

Photometric:



Fixture Compatibility

The 2 Watt BI-PIN LED lamp is not compatible with all G4 fixtures. Before installation, please read the following guidelines:

- BI-PIN LED cannot be install in sealed fixtures
- BI-PIN LED cannot be install in outdoor fixtures
- BI-PIN LED is not designed for use in wet environment
- BI-PIN LED cannot be install in a fixture which an integral primary optics to focus the light

Transformer Compatibility

Consider the following when selecting transformers for use with G4 LED.

- **AC12V Magnetic Transformer:**

The LED bulb is compatible with magnetic transformers used with 12V halogens; however, magnetic transformers are heavier, less efficient, and make noise. Under 12VAC condition, T-type series G4 LED can only present 90% lighting comparing the condition under 12VDC.

- **AC12V Electronic Transformer:**

The LED bulb is not compatible with electronic transformers or electronic-magnetic AC12V due to the output section of this kind of transformers are not stable. Besides, some electronic transformers require a minimum load higher than 5-10Watt in order to work properly. -

Symptoms of incompatibility include: no light output, flickering, strobe and randomly shutdown.

- **DC12V Power Supply:**

T-type G4 can perform highest brightness and power efficiency under DC12V power supply.

Safety & Environment Specifications

G4 bulbs are manufactured to conform to the following safety approbation

Certificated Mark	Item of certificated standard
CE	EMC: EN55015, EN61000-3-2, EN61000-3-3, EN61547 (IEC61000-4-2, IEC61000-4-3 IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8, IEC61000-4-11) LVD: EN60968-1, EN60598-1, EN61347-2-13
F.C.C	PART 15B
RoHS	BTRS0605180105 Test Standard: 2002/95/EC ; EPA3050B: 1996, EN1122: 2001, EPA3052: 1996, EPA3060A, EPA7196, EPA7196, EPA3540C, EPA8270C



Life, Reliability and Lumen Maintenance

