

PAR 16 5X1.0W DIMMABLE



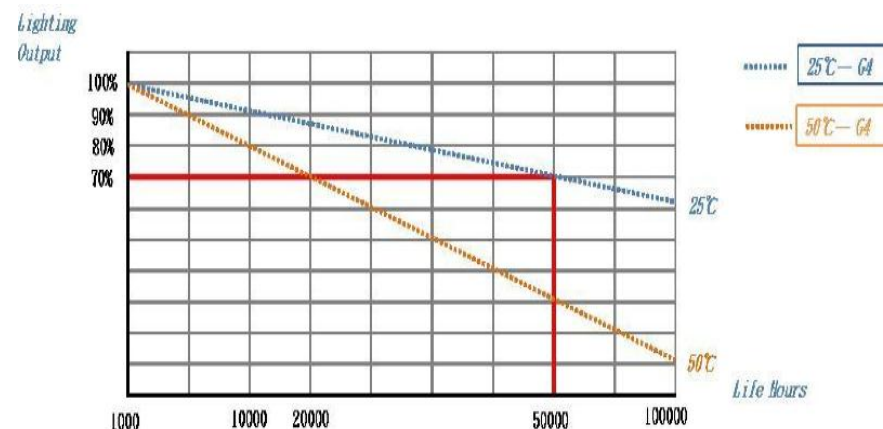
Features and Benefits

Range of light output of dimmable lamps: 10%~100%
 Replacement for 50W Halogen
 Top quality LED from Cree and Nichia
 Energy savings: 6W total power consumption
 High luminous intensity and reliability
 Long lifetime: 50,000 hrs w 70% light output at 25°C
 Wide operating temperature: -20°C to +40°C
 Wide variety of quality optics to choose from satisfies any lighting application
 Beam angles: 201/2° (15°, 25°, 40°, 85°, 88°)
 Driver's power efficiency 75 to 85%
 Long Life of Components: Over 50,000 hrs under 80°C
 High CRI: >75
 No UV and no IR emitted
 Two versions: 110V and 230V for different markets

Warranty

3 years

Life, Reliability and Lumen Maintenance



Technical Performance

CODE	COLOR	LAMP BASE	REFERENCE	LED BRAND	LED QTY	BEAM ANGLE	C.R.I	LIGHT OUTPUT (lm)	POWER CONSUMPTION	INPUT VOLTAGE	HALOGEN	OPERATING TEMPERATURE
20240175	Daylight	GU10	I-PAR16GU10-5X1.0W-40degNi-WDL (6500K) (AC200-240V)-DIM	Nichia	5x1.0W	40°	>75	385	6W	200-240V	50W	-20° to +40°C
20240176	Warm white	GU10	I-PAR16GU10-5X1.0W-40degNi-WW (3000K) (AC200-240V)-DIM	Nichia	5x1.0W	40°	>75	308	6W	200-240V	50W	-20° to +40°C
20240177	Daylight	GU10	I-PAR16GU10-5X1.0W-88degNi-WDL (6500K) (AC200-240V)-DIM	Nichia	5x1.0W	88°	>75	385	6W	200-240V	50W	-20° to +40°C

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20240178	Warm white	GU10	I-PAR16GU10-5X1.0W-88degNi-WW (3000K) (AC200-240V)-DIM	Nichia	5x1.0W	88°	>75	308	6W	200-240V	50W	-20° to +40°C
20240179	Daylight	GU10	I-PAR16GU10-5X1.0W-40degCr-WDL (6500K) (AC200-240V)-DIM	Cree	5x1.0W	40°	>75	385	6W	200-240V	50W	-20° to +40°C
20240180	Warm white	GU10	I-PAR16GU10-5X1.0W-40degCr-WW (3000K) (AC200-240V)-DIM	Cree	5x1.0W	40°	>75	308	6W	200-240V	50W	-20° to +40°C
20240181	Daylight	GU10	I-PAR16GU10-5X1.0W-85degCr-WDL (6500K) (AC200-240V)-DIM	Cree	5x1.0W	85°	>75	385	6W	200-240V	50W	-20° to +40°C
20240182	Warm white	GU10	I-PAR16GU10-5X1.0W-85degCr-WW (3000K) (AC200-240V)-DIM	Cree	5x1.0W	85°	>75	308	6W	200-240V	50W	-20° to +40°C

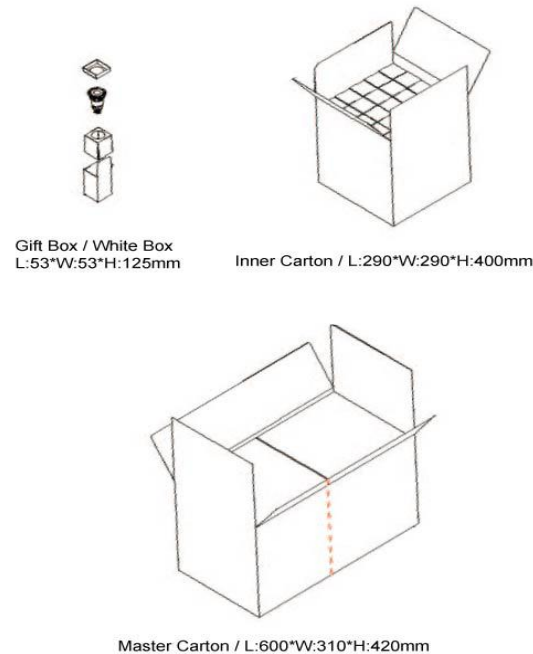
Dimmers

Light output of IRIS dimmable lamps ranges from 10% to 100% depending on different types of dimmers. Only smoothly dimmers are suitable for these lamps. Dimmer limitations are as below.

1. The minimum power consumption of a dimmable lamp should be 35 Watt.
2. If power consumption is under 35 Watt, for the low loading power, it might cause phenomenon below.
 - A. Not dimmable anymore.
 - B. Blinking when dimming.



Dimensions & Packaging



In 1 White Box	1pc of Lamp
In 1 Inner Carton	75 Boxes in 1Inner Carton
In 1 Master Carton	2 Inner Cartons (150 White Boxes)

Fixture Compatibility

The T-type PAR16 is not compatible with all luminaires for halogen lamps. Before installation, please read following guidelines:
 No sealed fixtures.
 Not for outdoor fixtures.
 Not for wet environment except IP65 version.
 Not for integral primary optics.



Safety & Environment Specifications

T-type Series PAR16 bulbs are manufactured to conform to the following safety criteria for GS, E.M.C, S-Mark, FCC,

Certificated Mark	Items 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, EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-4
TUV	J60968(H14)
FCC	Part18 Subpart C
VCCI	CISPR22 ClassB 10M Radiation
REACH	Regulation (EC) No.1907/2006: (REACH) Artical 33
RoHS	Directive 2002/95/EC (RoHS) and corresponding amendment directives