

PAR 16 1X4.5W DIMMABLE



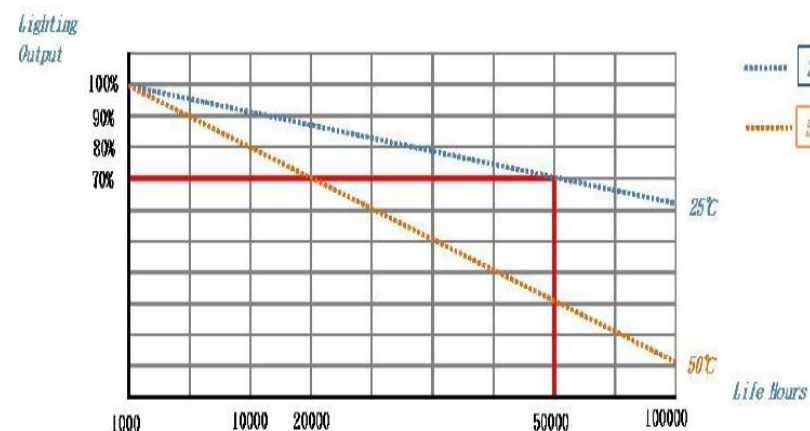
Features and Benefits

Range of light output of dimmable lamps: 10%~100%
 Replacement for 45W 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°, 22°, 40°, 95°)
 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 OUPUT (lm)	POWER CONSUMPTION	INPUT VOLTAGE	HALOGEN	OPERATING TEMPERATURE
20240171	Daylight	GU10	I-PAR16GU10-1X4.5W-40degCr-WDL (6500K) (AC200-240V)-DIM	Cree	1x4.5W	40°	>75	333	6W	200-240V	45W	-20° to +40°C
20240172	Warm white	GU10	I-PAR16GU10-1X4.5W-40degCr-WW (3000K) (AC200-240V)-DIM	Cree	1x4.5W	40°	>75	266	6W	200-240V	45W	-20° to +40°C
20240173	Daylight	GU10	I-PAR16GU10-1X4.5W-95degCr-WDL (6500K) (AC200-240V)-DIM	Cree	1x4.5W	95°	>75	333	6W	200-240V	45W	-20° to +40°C
20240174	Warm white	GU10	I-PAR16GU10-1X4.5W-95degCr-WW(3000K) (AC200-240V)-DIM	Cree	1x4.5W	95°	>75	266	6W	200-240V	45W	-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.

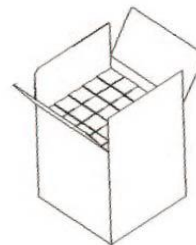
1. The minimum power consumption of a dimmable lamp should be 35 Watt.
2. If power consumption is under 35 Watt, for the low loading power, it might cause phenomenon below.
 - A. Not dimmable anymore.
 - B. Blinking when dimming.



Dimensions & Packaging

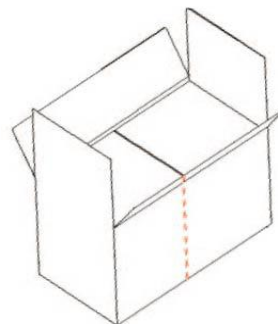


Gift Box / White Box
L:53*W:53*H:125mm



Inner Carton / L:290*W:290*H:400mm

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)



Master Carton / L:600*W:310*H:420mm

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, approbations & RoHS:

Certificated Mark	Items of certificated standard
 	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)
 	EN60968, EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-4
	J80968(H14)
	Part18 Subpart C
VCCI	CISPR22 ClassB 10M Radiation
REACH	Regulation (EC) No.1907/2006: (REACH) Artical 33
	Directive 2002/95/EC (RoHS) and corresponding amendment directives