

PAR 16 5X1W



Features and Benefits

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: Nichia LED 2θ1/2° (30°, 40°, 88°)
 Cree LED 2θ1/2° (15°, 25°, 40°, 85°)
 Available color temperaure: 2500-3000K, 4000-4500K, 5000-6500K
 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

Technical Performance

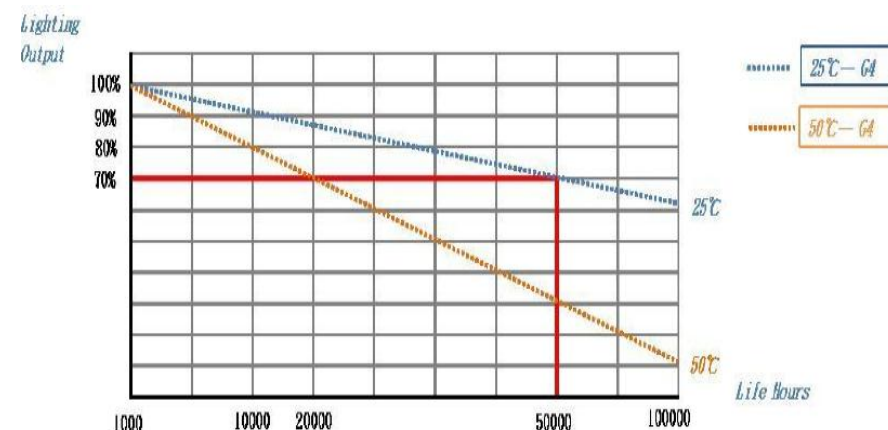
Nichia LED

CODE	COLOR	LAMP BASE	REFERENCE	LED BRAND	LED QTY	BEAM ANGLE	C.R.I	LIGHT OUTPUT (Lm)	POWER CONSUMPTION	INPUT VOLTAGE	HALOGEN	OPERATING TEMPERATURE
20240025	Warm white	GU10	I-PAR16GU10-5X1W-40degNi-WW(3000K)(AC200-240V)	Nichia	5x1.0W	40°	>75	303	6W	200-240V	50W	-20° to +40°C
20240113	Daylight	GU10	I-PAR16GU10-5X1W-40degNi-WDL(6000K)(AC200-240V)	Nichia	5x1.0W	40°	>75	387	6W	200-240V	50W	-20° to +40°C
20240112	Warm white	GU10	I-PAR16GU10-5X1W-88degNi-WW (3000K) (AC200-240V)	Nichia	5x1.0W	88°	>75	303	6W	200-240V	50W	-20° to +40°C

Warranty

3 years

Life, Reliability and Lumen Maintenance

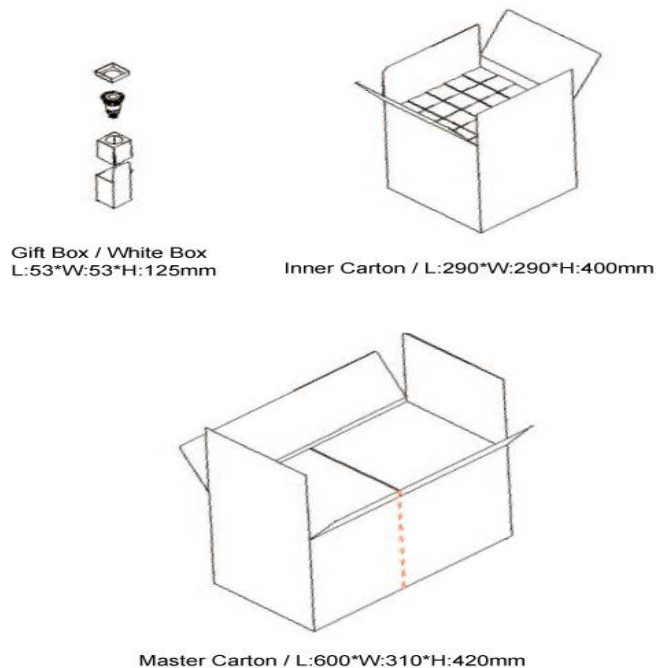
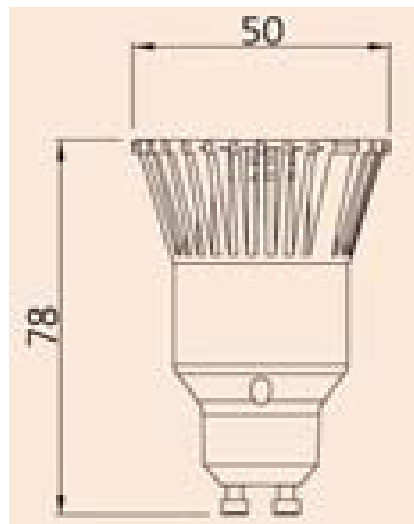


CODE	COLOR	LAMP BASE	REFERENCE	LED BRAND	LED QTY	BEAM ANGLE	C.R.I	LIGHT OUTPUT (Lm)	POWER CONSUMPTION	INPUT VOLTAGE	HALOGEN	OPERATING TEMPERATURE
20240111	Daylight	GU10	I-PAR16GU10-5X1W-88degNi-WDL (6500K) (AC200-240V)	Nichia	5x1.0W	88°	>75	387	6W	200-240V	50W	-20° to +40°C

Cree LED

CODE	COLOR	LAMP BASE	REFERENCE	LED BRAND	LED QTY	BEAM ANGLE	C.R.I	LIGHT OUTPUT (Lm)	POWER CONSUMPTION	INPUT VOLTAGE	HALOGEN	OPERATING TEMPERATURE
20240211	Warm white	GU10	I-PAR16GU10-5X1.0W-40degCr-WW(3000K)(AC200-240V)	Cree	5x1.0W	40°	>75	300	6W	200-240V	50W	-20° to +40°C
20240212	Daylight	GU10	I-PAR16GU10-5X1.0W-40degCr-WDL(6500K)(AC200-240V)	Cree	5x1.0W	40°	>75	363	6W	200-240V	50W	-20° to +40°C
20240213	Warm white	GU10	I-PAR16GU10-5X1.0W-85degCr-WW(3000K)(AC200-240V)	Cree	5x1.0W	85°	>75	300	6W	200-240V	50W	-20° to +40°C
20240214	Daylight	GU10	I-PAR16GU10-5X1.0W-85degCr-WDL(6500K)(AC200-240V)	Cree	5x1.0W	85°	>75	363	6W	200-240V	50W	-20° to +40°C

Dimensions & Packaging



In 1 White Box	1pc of Lamp
In 1 Inner Carton	75 Boxes in 1 Inner 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 PAR16 bulbs are manufactured to conform to the following safety approbation.

Certified Mark	Items of certified 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)
FC	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

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