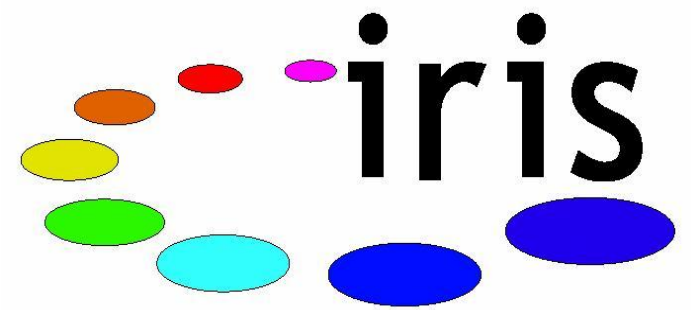




M Type LAMP



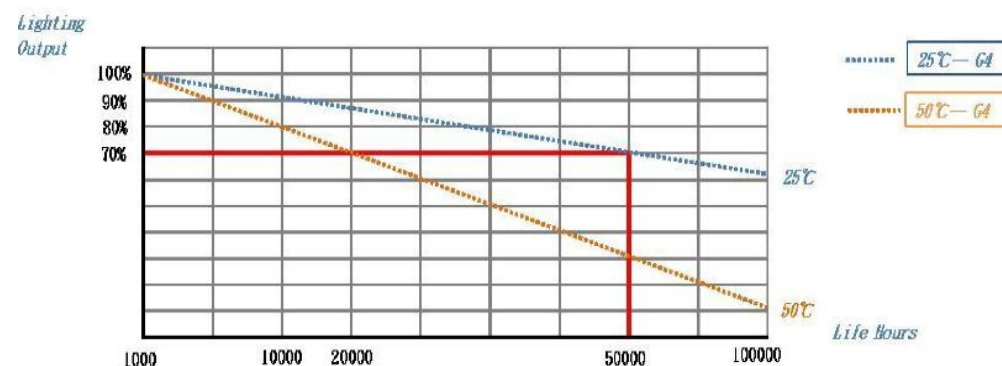
Features and Benefits

Replacement for 20W, 25W and 65W Halogen
 Top quality LED from Cree and Nichia
 Energy savings: 3W, 4W and 9W 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°, 80°)
 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

Warranty

3 years

Life, Reliability and Lumen Maintenance



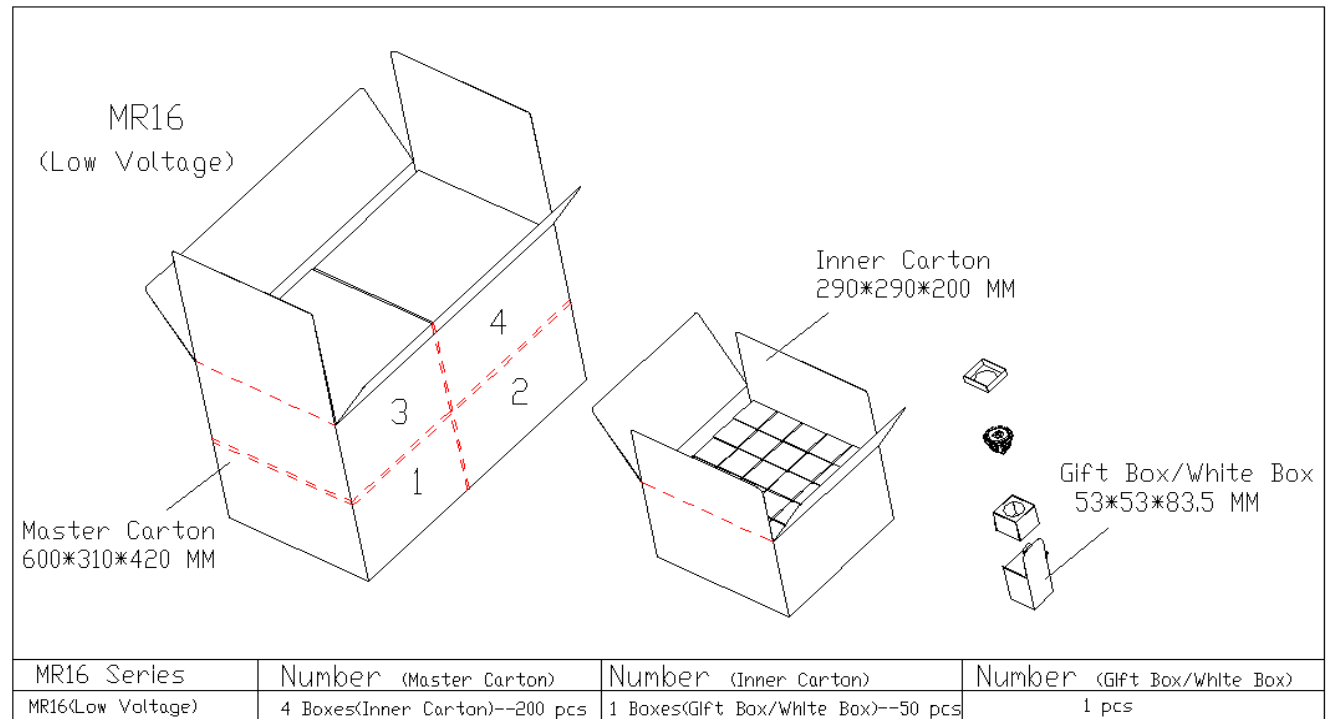
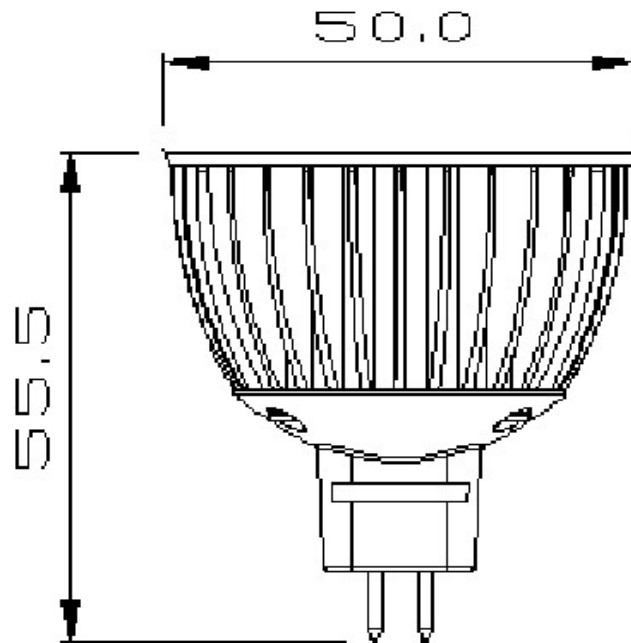
Technical Performance

CODE	COLOR	LAMP BASE	REFERENCE	LED BRAND	LED QTY	BEAM ANGLE	C.R.I	LIGHT OUTPUT (Lm)	POWER CONSUMPTION	INPUT VOLTAGE	HALOGEN	OPERATING TEMPERATURE
20240099	Daylight	GU5.3	I-MR16GU5.3-1X2.5W-80degNi-W(6500K)(ACDC12V)	Nichia 119	1X2.5W	80°	>75	122	3W	DC12V	20W	-20° to +40°C
20240100	Warm white	GU5.3	I-MR16GU5.3-1X2.5W-80degNi-WW(3000K)(ACDC12V)	Nichia 119	1X2.5W	80°	>75	89	3W	DC12V	20W	-20° to +40°C
20240101	Warm white	GU10	I-PAR16GU10-1X2.5W-80degNi-W(6500K)(AC100-120V)	Nichia 119	1X2.5W	80°	>75	120	3W	100-120V	20W	-20° to +40°C
20240102	Daylight	GU10	I-PAR16GU10-1X2.5W-80degNi-WW(3000K)(AC100-120V)	Nichia 119	1X2.5W	80°	>75	86	3W	100-120V	20W	-20° to +40°C

CODE	COLOR	LAMP BASE	REFERENCE	LED BRAND	LED QTY	BEAM ANGLE	C.R.I	LIGHT OUTPUT (Lm)	POWER CONSUMPTION	INPUT VOLTAGE	HALOGEN	OPERATING TEMPERATURE
20240103	Warm white	GU10	I-PAR16GU10-1X2.5W-80degNi-W(6500K)(AC200-240V)	Nichia 119	1X2.5W	80°	>75	86	3W	200-240V	20W	-20° to +40°C
20240104	Daylight	GU10	I-PAR16GU10-1X2.5W-80degNi-WW(3000K)(AC200-240V)	Nichia 119	1X2.5W	80°	>75	86	3W	200-240V	20W	-20° to +40°C
20240105	Daylight	GU5.3	I-MR16GU5.3-3X1.3W-80degCr-W(6500K)(ACDC12V)	Cree XPC	3X1.3W	80°	>75	232	4W	DC12V	25W	-20° to +40°C
20240106	Warm white	GU5.3	I-MR16GU5.3-3X1.3W-80degCr-WW(3000K)(ACDC12V)	Cree XPC	3X1.3W	80°	>75	159	4W	DC12V	25W	-20° to +40°C
20240107	Daylight	GU10	I-PAR16GU10-3X1.3W-80degCr-W(6500K)(AC100-120V)	Cree XPC	3X1.3W	80°	>75	247	4W	100-120V	25W	-20° to +40°C
20240108	Warm white	GU10	I-PAR16GU10-3X1.3W-80degCr-WW(3000K)(AC100-120V)	Cree XPC	3X1.3W	80°	>75	169	4W	100-120V	25W	-20° to +40°C
20240109	Daylight	GU10	I-PAR16GU10-3X1.3W-80degCr-W(6500K)(AC200-240V)	Cree XPC	3X1.3W	80°	>75	247	4W	200-240V	25W	-20° to +40°C
20240110	Warm white	GU10	I-PAR16GU10-3X1.3W-80degCr-WW(3000K)(AC200-240V)	Cree XPC	3X1.3W	80°	>75	169	4W	200-240V	25W	-20° to +40°C
20240036	Daylight	E27	I-PAR30E27-1X9W-40degCr-WDL(6500K)(AC200-240V)	Cree MCE	1X9W	40°	>75	535	9W	200-240V	65W	-20° to +40°C
20240037	Warm white	E27	I-PAR30E27-1X9W-22degCr-WW (3000K) (AC200-240V)	Cree MCE	1X9W	22°	>75	390	9W	200-240V	65W	-20° to +40°C

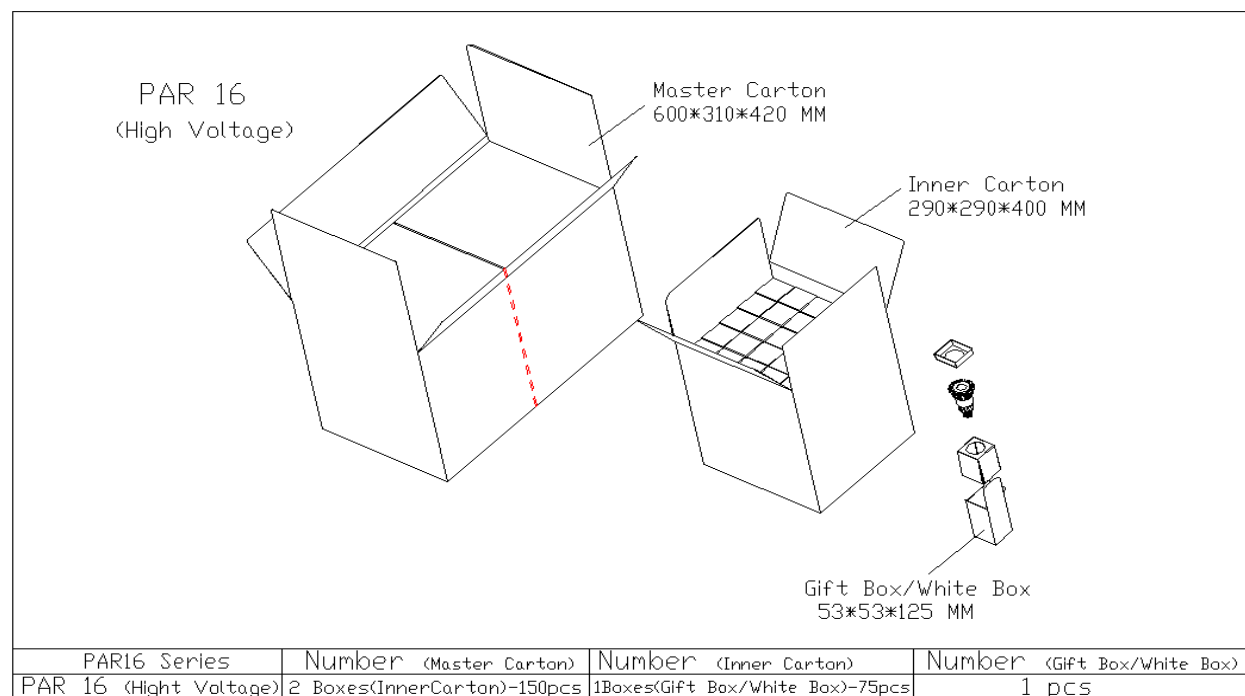
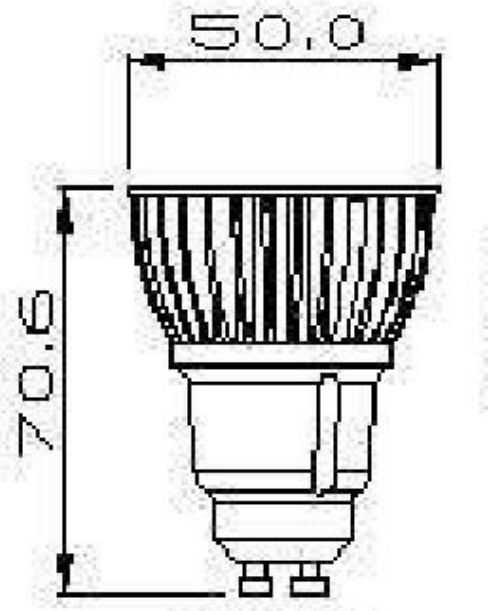
Dimensions & Packaging

MR16 1X2.5W and MR16 3X1.3W



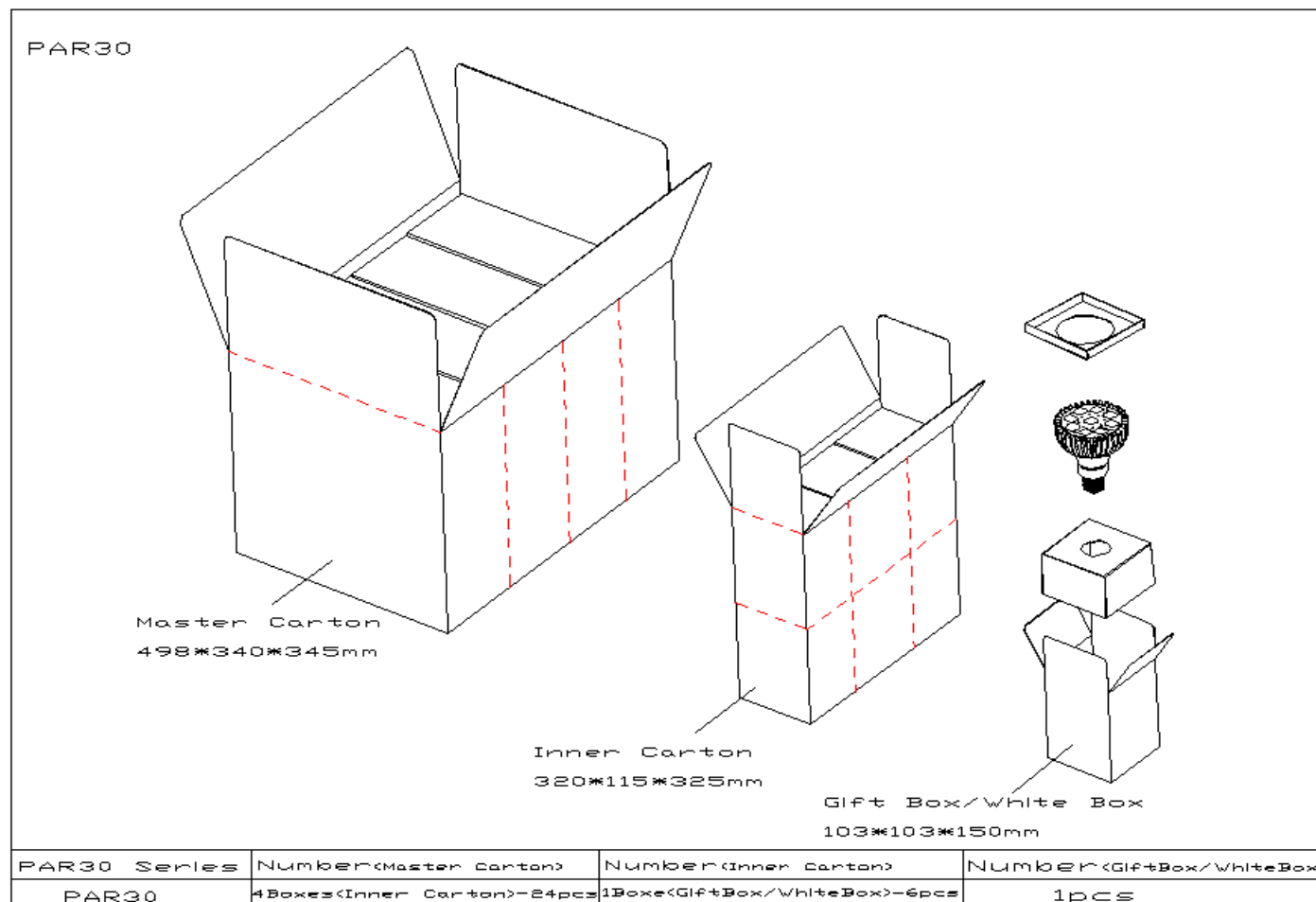
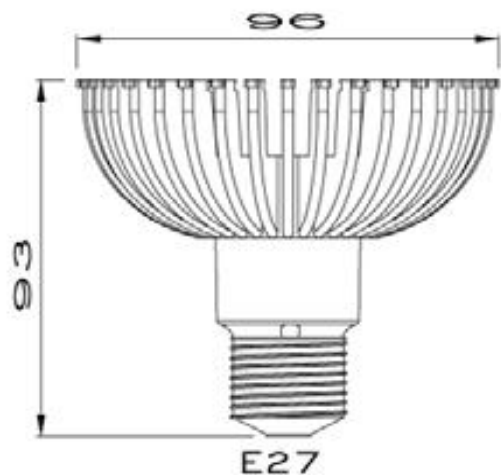
Dimensions & Packaging

PAR16 1X2.5W and PAR16 3X1.3W



Dimensions & Packaging

PAR30 1X9W



Fixture Compatibility

The M-type MR16,PAR16 and PAR30 lamp is not compatible with all MAR16, PAR16 and PAR30 luminaires for halogen lamps. Before installation, please read following guidelines:

- can not be installed in sealed fixtures.
- can not be installed in outdoor fixtures.
- is not designed for use in wet environment.
- can not install in a fixture which an integral primary optics to focus the light.

Safety & Environment Specifications

M-type Series are manufactured to conform to the following safety criteria for GS, E.M.C, S-Mark, FCC, approbations & RoHS:

Certificated Mark	Item of certificated standard
CE	<u>EMC</u> :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) <u>LVD</u> : 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

