

Features

- Designed as a direct retrofit to most PAR20 lighting fixtures
- Low power consumption. 7W LED lamp, for replacement of 55W halogen lamp
- Long life. 50,000 hours rated life to 70% of initial light output
- Unique thermal system. It's effective to keep LED junction temperature below 90°C, with only 55°C of housing temperature
- Unique design and well matched one piece optic lens, it creates even or spot light effects
- Excellent color rendering. CRI - 80 with warm white and neutral white
- Dimming and non-dimmable are available
- RoHS compliant
- UV and IR free



Description

The Jupiter series PAR20 LED SSL replacement Lamp provides equivalent lighting to 55W Halogen lamps. Our unique patented thermal design and driver technology provide equivalent or better lumen output while consuming only 20% of the most efficient light sources today. The PAR 20 utilizes Cree XPE LED to reach 480 lumen with only 7W of consumption.

Product Offering

Item	Dimmable	Wattage	Input Voltage	Color Temperature
Jupiter PAR20	No	7W	80-260VAC	2700K-5500K
Jupiter PAR20D	Yes	7W	80-260VAC	2700K-5500K

- Beam Angle selection 25°/ 48 full beam angle
- CCT range selection: 2700-3200K; 5000-5500K
- Housing finish: black or silver
- Base selection: E26; E27; GU24

Application Information

Applications

- Tracking lighting
- Spot lighting
- Display and cabinet lighting
- Architectural lighting
- Art gallery and museum
- Industrial and commercial area lighting

Notes

- Operating temperature range between -20°C and +40°C (-4°F and +104°F)
- For used in dry indoor only
- Non Dimmable is not for use with dimmers or in luminaries controlled by a dimmer
- Not for use where exposed to weather
- Not for use in totally enclosed recessed fixtures
- Not intended for use with emergency exit fixtures or emergency lights
- Don't look into the light directly

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Performance Summary

Item	Nominal			Lumen	Beam	Housing		
	Wattage	Input Voltage	CCT	Output	Angle	CR1	Power factor	Temperature
Jupiter PAR20	7W	220VAC	2700-3200K	417lm	40°	82	0.9	55°C
Jupiter PAR20	7W	220VAC	5000-5500K	480lm	40°	75	0.9	55°C

Note: All specifications @ 25°C ambient condition

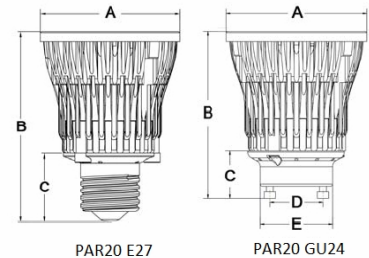
Photometrics

Throw Distance	2800-3000K / 25°		2800-3000K / 40°	
	Beam Angle	Illuminance	Beam Angle	Illuminance
1m	25°	1320 lux	40°	630 lux
2m	25°	380 lux	40°	190 lux
3m	25°	180 lux	40°	110 lux

Throw Distance	5000K / 25°		5000K / 40°	
	Beam Angle	Illuminance	Beam Angle	Illuminance
1m	25°	2100 lux	40°	1030 lux
2m	25°	560 lux	40°	290 lux
3m	25°	250 lux	40°	150 lux

Dimension

Lamp Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (g)
Jupiter PAR20 E27	63	90	32			150
Jupiter PAR20 GU24	63	78	22	24	32.4	



Packaging Information

Lamp Type	Dimension (cm)	Gross Weight (kg)	Net Weight (kg)	Qty/Carton
Jupiter PAR20 E27	45 x 34 x 26	8.2	7.2	48
Jupiter PAR20 GU24				

Ordering Guide

PAR20	C	O1	O9	W2	40	B	
Lamp Type	Dim/Non Dim	Voltage	Bass	Wattage	CCT	Beam Angle	Housing finish
Jupiter PAR20 No	B: 240V	02: E27	7W	W2: 2700K-2800K	25: 25°	B: black	
Jupiter PAR20 Yes		03: GU24		W4: 3000K-3200K	40: 40°	S: silver	
				C1: 5000K-5500K			