

**Features**

- Designed as a direct retrofit to most PAR20 lighting fixtures
- Low power consumption. 7W LED lamp, for replacement of 50W 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
- IP65 Waterproof rating
- Unique design and well matched one piece optic lens, it creates even or spot light effects
- Excellent color rendering. CRI - 82 with warm white and neutral white
- Dimming and non-dimmable are available
- RoHS compliant
- UV and IR free



**Description**

The Jupiter waterproof series PAR20 LED Lamp provides equivalent lighting to 50W 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 XP LED to reach 480 lumen with only 7W of consumption. With IP65 waterproof feature, it can be applied to indoor and outdoor environment. It can also be used in totally enclosed luminaires.

**Product Offering**

Item	Dimmable	Wattage	Input Voltage	Color Temperature
Jupiter PAR20 IP	No	7W	100-277VAC	2700K-5500K
Jupiter PAR20D IP	Yes	7W	100-277VAC	2700K-5500K

- Beam Angle selection 25° / 40° beam angle
- CCT range selection: 2700-4000K; 5000-5500K
- Housing finish: black or white
- 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)
- Non Dimmable is not for use with dimmers or in luminaires controlled by a dimmer
- Can be used where exposed to weather
- Can be used in enclosed recessed fixtures
- Not intended for use with emergency exit fixtures or emergency lights
- Don't look into the light directly

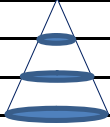
Performance Summary

Item	Nominal			Lumen	Beam	Housing		
	Wattage	Input Voltage	CCT	Output	Angle	CR1	Power factor	Temperature
Jupiter PAR20 Waterproof	7W	100-277VAC	2700-3200K	340lm	25°, 40°	82	0.9	55°C
Jupiter PAR20 Waterproof	7W	100-277VAC	5000-5500K	420lm	25°, 40°	75	0.9	55°C

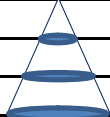
Note: All specifications @ 25°C ambient condition

Photometrics

Throw Distance	2800-3000K / 25°		2800-3000K / 40°	
	Illuminance		Illuminance	
1m	1520 lux		680 lux	
2m	380 lux		190 lux	
3m	180 lux		86 lux	

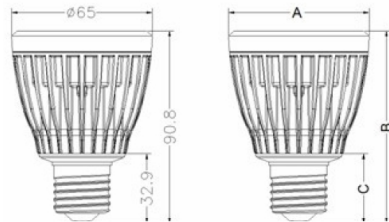

  

Throw Distance	5000K / 25°		5000K / 40°	
	Illuminance		Illuminance	
1m	2100 lux		1030 lux	
2m	560 lux		290 lux	
3m	250 lux		150 lux	



Dimension

Lamp Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (g)
Jupiter PAR20 Waterproof E27	65	90	32.9			225
Jupiter PAR20 Waterproof GU24	62	85	22			214



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	Base	Wattage	CCT	Beam Angle	Housing finish
Jupiter PAR20 Waterproof	No	B: 240V	02: E27	7W	W2: 2700K-2800K	25: 25°	B: black
Jupiter PAR20D Waterproof	Yes		03: GU24		W4: 3000K-3200K	40: 40°	W: White
					C1: 5000K-5500K		