

Features

- Designed as a direct retrofit to most PAR38 lighting fixtures
- Low power consumption. 17W LED lamp, for replacement of 100W 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 delivers even or spot light effects
- Excellent color rendering. CRI-82 with warm white and neutral white
- Dimmable and non-dimmable are available
- RoHS compliant
- UV and IR free



Description

The Jupiter waterproof series PAR38 LED Lamp provides equivalent lumen to 100W 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 38 utilizes Cree XP LED to reach 1080 lumen with only 17W 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 PAR38 IP	No	17W	100-277VAC	2700K-5500K
Jupiter PAR38D IP	Yes	17W	100-277VAC	2700K-5500K

- Beam Angle selection 25° / 40° full beam angle
- CCT range selection: 2700-4000K; 5000-5500K
- Housing finish: black or white
- Base selection: E26; E27; GU24

Application Information

Applications

- Residential / commercial lighting
- Hotel, office and restaurant 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 luminaries 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

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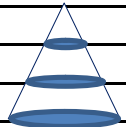
Performance Summary

Item	Nominal		Lumen Output	Beam Angle	CRI	Power Factor	Housing Temperature
	Wattage	Input Voltage CCT					
Jupiter PAR38 Waterproof	17W	100-277VAC 2700K-3200K	880lm	25°, 40°	82	0.95	55°C
Jupiter PAR38 Waterproof	17W	100-277VAC 5000K-5500K	1080lm	25°, 40°	75	0.95	55°C

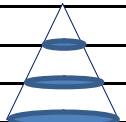
Note: All specifications @ 25°C ambient condition

Photometrics

Throw Distance	3000K / 25°		3000K / 40°	
	Illuminance		Illuminance	
1m	3740 lux		1580 lux	
2m	940 lux		404 lux	
3m	420 lux		180 lux	

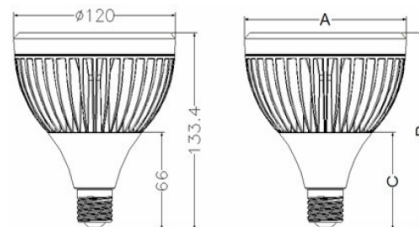


Throw Distance	5500K / 25°		5500K / 40°	
	Illuminance		Illuminance	
1m	4350 lux		1820 lux	
2m	1180 lux		630 lux	
3m	590 lux		301 lux	



Dimension

Lamp Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (g)
PAR38 E27 Waterproof	120	133.4				667
PAR38 GU24 Waterproof	120	114				612



Packaging Information

Lamp Type	Dimension (cm)	Gross Weight (kg)	Net Weight (kg)	Qty/Carton
Jupiter PAR38 E26	53 x 40 x 19	6.2	5.16	12

Ordering Guide

PAR38	D	C	01	09	W3	40	B
Lamp Type	Dim/Non-Dim	Voltage	Bass	Wattage	CCT	Beam Angle	Housing finish
Jupiter PAR38 Waterproof	No	B: 220V	02: E27	17W	W2: 2700K-2800K	25: 25°	B: Black
Jupiter PAR38D Waterproof	Yes		03: GU24		W4: 3000K-3200K	40: 40°	W: White
					C1: 5000K-5500K		

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