

Features

- Designed as a direct retrofit to most PAR38 lighting fixtures
- Low power consumption. 21W LED lamp, for replacement of 120W 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 48° C of housing temperature
- Wide selections of CCT and beam angle
- Excellent color rendering. CRI-80 with warm white and neutral white
- RoHS compliant
- UV and IR free



Product Offering

Item	Wattage	Input Voltage	Color Temperature
PAR38C-01-21W3-40B	21W	80-260VAC	2800K (Warm white)
PAR38C-03-21C2-40B	21W	80-260VAC	5500K (Cool white)

- Beam Angle selection 15° / 25° / 40° / 60° / 80° full beam angle
- CCT range selection: 2500-4000K; 5000-6500K
- Housing finish: black or silver
- Base selection: E26; E27; GU24

Description

The PAR38 was designed to accommodate most recessed down lights. Our patented thermal design allows this LED SSL lamp to run at 21W or less, with lumen output that is equivalent to a 110W Halogen lamp. With over 800 lumen of light output, our PAR 38 is extremely suited for retail, commercial and industrial lighting.

Application Information

Applications	Notes
Residential / commercial lighting	· Operating temperature range between -20° C and +40° C (-4° F and +104° F)
Hotel, office and restaurant lighting	· For used in dry indoor only
Architectural lighting	· Not for use with dimmers or in luminaires controlled by a dimmer
Art gallery and museum	· Not for use where exposed to weather
Industrial and commercial area lighting	· 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	Temperature
PAR38C-01-21W3-40B	21W	80-260VAC	2800-3000K	850lm	40°	82	48°C
PAR38C-01-21C2-40B	21W	80-260VAC	5500-6500K	1050lm	40°	75	48°C

Note: All specifications @ 25°C ambient condition

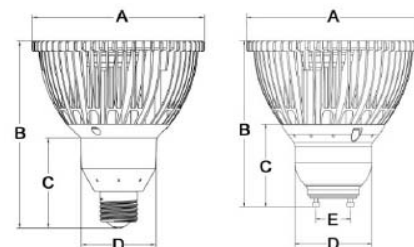
Photometrics

Throw Distance	2800-3000K / 25°		2800-3000K / 40°		2800-3000K / 80°	
	Beam width	Illuminance	Beam width	Illuminance	Beam width	Illuminance
1m	0.6m	6525 lux	0.6m	4050 lux	2.0m	1180 lux
2m	1.4m	1670 lux	1.6m	1040 lux	3.6m	315 lux
3m	1.8m	770 lux	2.0m	480 lux	5.0m	170 lux

Throw Distance	5500-6500K / 25°		5500-6500K / 40°		5500-6500K / 80°	
	Beam width	Illuminance	Beam width	Illuminance	Beam width	Illuminance
1m	0.6m	9843 lux	0.8m	5395 lux	2.0m	1570 lux
2m	1.4m	2633 lux	1.2m	1530 lux	3.6m	420 lux
3m	1.8m	1203 lux	2.0m	680 lux	5.0m	220 lux

Dimension

Lamp Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (g)
PAR38 E27	120	139	67	52		620
PAR38 GU24	120	126	61	53	24	



Packaging Information

Lamp Type	Dimension (cm)	Gross Weight (kg)	Net Weight (kg)	Qty/Carton
PAR38 E26	53 x 40 x 19	8.5	7.5	12
PAR38 GU24				

Ordering Guide

PAR38	C	O1	O9	W3	40	B
Lamp Type	Voltage	Bass	Wattage	CCT	Beam Angle	Housing finish
PAR38	C: 120V	O1: E26	21W	W1: 2500-2700K; W2: 2700-2800K;	15: 15°	B: black
Multiple lenses	B: 240V	O2: E27		W3: 2800-3000K; W4: 3000-3200K;	25: 25°	S: silver
		O3: GU24		W5: 3200-3500K; W6: 3500-3700K;	40: 40°	
				W7: 3700-4000K;	60: 60°	
				C1: 5000-5500K; C2: 5500-6500K	80: 80°	

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