

Features

- Designed as a direct retrofit to most PAR20 lighting fixtures
- Low power consumption. 9W 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 58° 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



Description

The PAR20 LED SSL replacement 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 high power, high efficiency LED design consumes only 9W of electricity.

Product Offering

Item	Wattage	Input Voltage	Color Temperature
PAR20C-01-09W3-40B	9W	80-260VAC	2800K (Warm white)
PAR20C-03-09C2-40B	9W	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

Application Information

Applications	Notes
Tracking lighting	· Operating temperature range between -20° C and +40° C (-4° F and +104° F)
Spot lighting	· For used in dry indoor only
Display and cabinet lighting	· Not for use with dimmers or in luminaires controlled by a dimmer
Architectural lighting	· Not for use where exposed to weather
Art gallery and museum	· Not for use in totally enclosed recessed fixtures
Industrial and commercial area lighting	· Not intended for use with emergency exit fixtures or emergency lights · Don't look into the light directly

Parkwell Lighting International Limited

Unit L, 7/F, Hong Kong (Chai Wan) Industrial Building, Chai Wan, Hong Kong

Tel: 36982388 Fax: 36982399 Email: info@parkwell-lighting.com



Performance Summary

Item	Nominal			Lumen	Beam	Housing	
	Wattage	Input Voltage	CCT	Output	Angle	CR1	Temperature
PAR20C-01-09W3-40B	9W	80-260VAC	2800-3000K	285lm	40°	82	58°C
PAR20C-03-09C2-40B	9W	80-260VAC	5500-6500K	350lm	40°	75	58°C

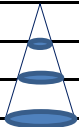
Note: All specifications @ 25°C ambient condition

Photometrics

Throw Distance	2800-3000K / 25°		2800-3000K / 40°		2800-3000K / 80°	
	Beam width	Illuminance	Beam width	Illuminance	Beam width	Illuminance
1m	0.6m	2200 lux	0.8m	1260 lux	1.4m	430 lux
2m	1.0m	555 lux	1.2m	330 lux	2.2m	110 lux
3m	1.4m	250 lux	1.6m	155 lux	3.2m	60 lux

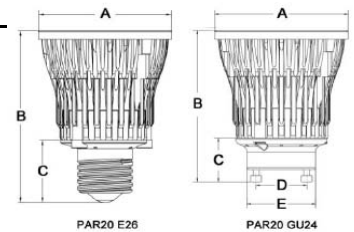


Throw Distance	5500-6500K / 25°		5500-6500K / 40°		5500-6500K / 80°	
	Beam width	Illuminance	Beam width	Illuminance	Beam width	Illuminance
1m	0.6m	3090 lux	0.8m	1810 lux	1.2m	555 lux
2m	1.0m	830 lux	1.4m	490 lux	2.0m	150 lux
3m	1.4m	370 lux	1.6m	220 lux	2.8m	75 lux



Dimension

Lamp Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (g)
PAR20 E26	63	87	32			160
PAR20 GU24	63	77	22	24	32.4	



Packaging Information

Lamp Type	Dimension (cm)	Gross Weight (kg)	Net Weight (kg)	Qty/Carton
PAR20 E26	45 x 34 x 26	8.7	7.7	48
PAR20 GU24				

Ordering Guide

PAR20	C	O1	O9	W2	40	B
Lamp Type	Voltage	Bass	Wattage	CCT	Beam Angle	Housing finish
PAR20	C: 120V	O1: E26	9W	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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