

LED PAR20 Lamp

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

Product Offering

Item	Wattage	Input Voltage	Color Temperature
PAR20C-01-09W3-40B	9W	110-120VAC	2800K (Warm white)
PAR20C-03-09C2-40B	9W	110-120VAC	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

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.
- 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



Description

The PAR20 LED SSL replacement lamp provides equivalent lighting to 50W Halogen lamp. 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.



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Performance Summary

Item	Nominal Wattage	Input Voltage	CCT	Lumen Output	Beam Angle	CRI	Housing Temperature
PAR20C-01-09W3-40B	9W	110-120VAC	2800-3000K	285lm	40°	82	58°C
PAR20C-03-09C2-40B	9W	110-120VAC	5500-6500K	350lm	40°	75	58°C

Note: All specifications @ 25°C ambient condition.

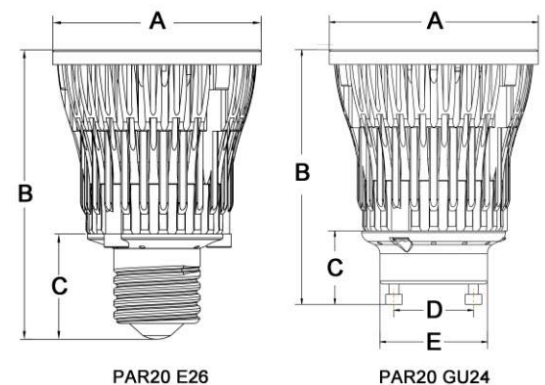
Photometric

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

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



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Ordering Guide

PAR20	C	01	09	W2	40	B
Lamp Type	Voltage	Base	Wattage	CCT	Beam Angle	Housing Finish
PAR20	C: 120V	01: E26	9W	W1: 2500-2700K; W2: 2700-2800K	15: 15°	B: black
Multiple lenses	B: 240V	02: E27		W3: 2800-3000K; W4: 3000-3200K	25: 25°	S: silver
		03: GU24		W5: 3200-3500K; W6: 3500-3700K	40: 40°	
				W7: 3700-4000K; C1: 5000-5500K	60: 60°	
				C2: 5500-6500K	80: 80°	

LedsOnlineCanada

4210, Jean-Rivard, Apt 1 Montreal,

Quebec, Canada H1Z 2A7

Tel: +01-514-722-5174 Fax: +01-514-715-4843

www.ledsonline.ca support@ledsonline.ca

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