

# Solais Lighting | LR20 LED Lamp

## Solais LED PAR20 Lamp Replacement

**Product Description:** The Solais active LED PAR20 lamp replacement has the high light output, light weight and full dimming capabilities of halogen incandescent sources – resulting in a high-performance product perfect for commercial, museum, retail and hospitality applications.

**Performance Summary:** Fully dimmable | Halogen PAR form factor (ANSI compliant) | Lightest LED lamps on the market – no metal heat sink | Certified to UL Standard 1993 | RoHS-compliant | Contain no lead or mercury | Dry location rating

**Application:** Designed for use in track and recessed fixtures (including IC rated housing)

**Voltage:** 120v Standard

**CCT:** 2700K, 3000K, 3500K\*, 4000K\*

**Dimmable:** Yes - Visit [solais.com/dimming.php](http://solais.com/dimming.php) for compatibility list

**Life:** 50,000 Hours (L70)

**Power Factor:** .92

**Base Type:** E26, GU24\*

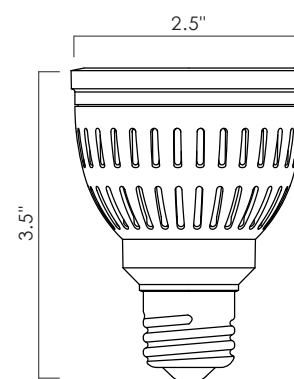
**Weight (oz.):** 4



Product Code	Power (Watts)	Beam Angle	CCT (K)	Lumen Output	CBCP (cd)	CRI	ENERGY STAR®
LR20/25/30K/850/_ _	12	25°	3000	850	4300	85	
LR20/40/30K/850/_ _	12	40°	3000	850	1700	85	
LR20/25/27K/800/_ _	12	25°	2700	800	4050	85	
LR20/40/27K/800/_ _	12	40°	2700	800	1600	85	
LR20/25/30K/750/_ _	11	25°	3000	750	3825	85	
LR20/40/30K/750/_ _	11	40°	3000	750	1500	85	
LR20/25/27K/675/_ _	11	25°	2700	675	3425	85	
LR20/40/27K/675/_ _	11	40°	2700	675	1350	85	

Housing Color: White (WH), Silver (SL), and Black (BK)

## Lamp Images



## Beam Angles



25°



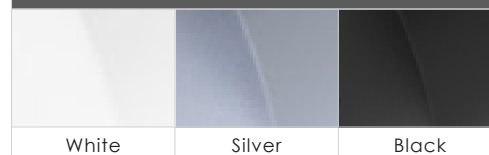
40°

## Color Temperature



2700K      3000K      3500K\*      4000K\*

## Housing Colors



White

Silver

Black

## Ordering Information

Example: LR20/15/30k/1600/SL/SN

LR20	/	/	/	/
Form Factor (PAR20)	Beam Spread	CCT / Lumens	Housing Color	
LR20	25	27K / 675	WH - White	
	40	27K / 800	SL - Silver	
		30K / 750	BK - Black	
		30K / 850		
		35K* / 790		
		35K* / 850		
		40K* / 790		
		40K* / 850		

\* Made to Order

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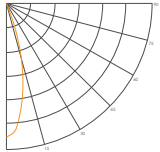
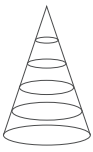
**LUXIANCE®**  
powered by SOLAIS

Luxiance utilizes active cooling to remove heat from the LED system - allowing Solais LED lamps to operate cooler, resulting in superior life, light output, and performance.

**THEROTTLE™**  
powered by SOLAIS

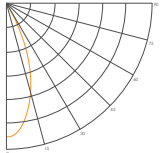
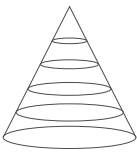
Thermal Throttle – In the event that Solais LEDs become overheated, they will dim themselves to protect your technology investments.

## 25° (Narrow Flood) | 850 lumens

Candela Distribution	Degree	Candela		0° Aiming Angle Horizontal Footcandles		
				Distance to Floor	Beam Diameter	Avg. Beam Illuminance on Floors (FC)
	0	4300		6'	2.3'	92
	5	3736		8'	3.1'	52
	15	1059		10'	3.9'	33
	25	105		12'	4.7'	23
	35	34		14'	5.5'	17
	45	24				

Multipliers are as follows: 800 lumens: 0.94 | 750 lumens: 0.89 | 675 lumens: 0.80

## 40° (Wide Flood) | 850 lumens

Candela Distribution	Degree	Candela		0° Aiming Angle Horizontal Footcandles		
				Distance to Floor	Beam Diameter	Avg. Beam Illuminance on Floors (FC)
	0	1700		6'	4.4'	41
	5	1681		8'	5.8'	23
	15	1384		10'	7.3'	15
	25	556		12'	8.7'	10
	35	216		14'	10.2'	7
	45	84				

Multipliers are as follows: 800 lumens: 0.94 | 750 lumens: 0.88 | 675 lumens: 0.79

**LIMITED WARRANTY:** Solais Lighting warrants that our lamps and fixtures will operate for a period of five (5) years from the date of purchase or 25,000 hours, whichever comes first, when used in accordance with package and lamp directions. If your Solais product does not last for the warranty period, please send your name and address, the product you are returning, register receipts and proof of purchase to the address listed on our website. This limited warranty does not cover products subject to misuse, electrical current fluctuation, accident, neglect, or acts of God. THIS REPLACEMENT OR REPAIR IS THE SOLE WARRANTY OBLIGATION OF SOLAIS AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES EXCLUDED.

For complete warranty terms and conditions, please see: [www.solais.com/warranty](http://www.solais.com/warranty)

**WARNING:** Not for use in fully enclosed luminaires. Risk of electric shock. Use in an indoor, dry location only. This device is not intended for use with emergency exit fixtures or emergency exit lights. May not be compatible with all dimmers; please visit [solais.com/dimming](http://solais.com/dimming) for up-to-date dimmer compatibility information.

**NOTES:** This device complies with Part 15 of the FCC Rule. This product may cause interference with other devices. If interference occurs, change the locations of the products involved. **Compatible on 120v systems.**