

# Power Secure LR38 LED Lamp



## Solais LED PAR38 Lamp Replacement

**Product Description:** The Solais active LED PAR38 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 | 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 (277v available on some configurations; Check with manufacturer for details.)

**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.):** 9.4



Product Code	Power (Watts)	Beam Angle	CCT (K)	Lumen Output	CBCP (cd)	CRI	ENERGY STAR®
LR38/15/30K/2100/___	28	15°	3000	2100	17194	83	
LR38/25/30K/2100/___	28	25°	3000	2100	10700	83	
LR38/40/30K/2100/___	28	40°	3000	2100	4200	83	
LR38/15/27K/2000/___	28	15°	2700	2100	16375	83	
LR38/25/27K/2000/___	28	25°	2700	2000	10200	83	
LR38/40/27K/2000/___	28	40°	2700	2000	4000	83	
LR38/15/30K/1600/___	24	15°	3000	1600	13100	83	
LR38/25/30K/1600/___	21	25°	3000	1600	8150	83	
LR38/40/30K/1600/___	21	40°	3000	1600	3200	83	
LR38/15/30K/1450/___	21	15°	3000	1450	11875	83	
LR38/25/30K/1450/___	20	25°	3000	1450	7400	83	
LR38/40/30K/1450/___	20	40°	3000	1450	2900	83	
LR38/15/27K/1450/___	21	15°	2700	1450	11875	85	
LR38/25/27K/1450/___	21	25°	2700	1450	7400	85	
LR38/40/27K/1450/___	21	40°	2700	1450	2900	85	
LR38/10/30K/1250/___*	18	10°	3000	1250	25875	83	
LR38/15/30K/1250/___	18	15°	3000	1250	10250	83	
LR38/25/30K/1250/___	18	25°	3000	1250	6375	83	
LR38/40/30K/1250/___	18	40°	3000	1250	2500	83	
LR38/10/27K/1250/___*	18	10°	2700	1250	25875	85	
LR38/15/27K/1250/___	18	15°	2700	1250	10250	85	
LR38/25/27K/1250/___	18	25°	2700	1250	6375	85	
LR38/40/27K/1250/___	18	40°	2700	1250	2500	85	

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

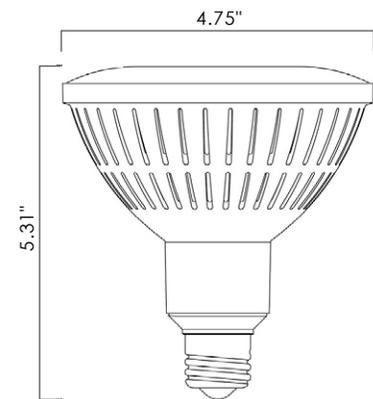
\* Made to Order

### Ordering Example

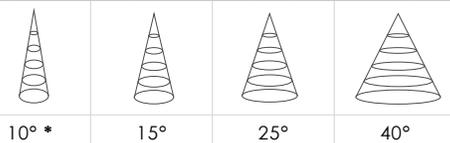
LR38/25/30K/1250/SL

LR38	/	25	/	30K	/	1250	/	SL
Form Factor PAR38		Beam Angle 25		CCT 30K		Lumens 1250		Housing SL - Silver

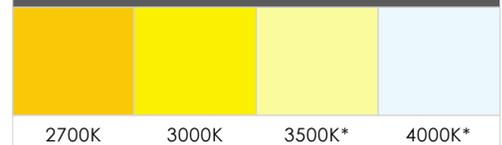
## Lamp Images



## Beam Angles



## Color Temperature



## Housing Colors



**Power Secure** LR38 LED Lamp

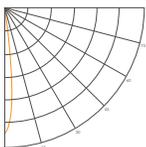
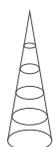


Luxiance utilizes active cooling to remove heat from the LED system - allowing Solais LED lamps to operate cooler, resulting in superior life, light output, and performance.

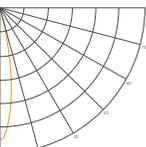


Thermal Throttle – In the event that Solais LEDs become overheated, they will dim themselves to protect your technology investments.

10° (Spot) | 1250 lumens

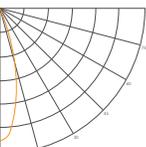
Candela Distribution	Degree	Candela		0° Aiming Angle Horizontal Footcandles		
				Distance to Floor	Beam Diameter	Avg. Beam Illuminance on Floors (FC)
	0	25875		6'	1.6'	621
	5	14462		8'	2.1'	349
	15	464		10'	2.6'	223
	25	61		12'	3.1'	155
	35	33		14'	3.7'	114
	45	31				

15° (Spot) | 1600 lumens

Candela Distribution	Degree	Candela		0° Aiming Angle Horizontal Footcandles		
				Distance to Floor	Beam Diameter	Avg. Beam Illuminance on Floors (FC)
	0	13100		6'	1.6'	304
	5	10512		8'	2.1'	171
	15	1009		10'	2.6'	109
	25	74		12'	3.1'	76
	35	31		14'	3.7'	56
	45	29				

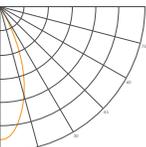
Multipliers are as follows: 1450 lumens: 0.91 | 1250 lumens: 0.86

25° (Narrow Flood) | 2100 lumens

Candela Distribution	Degree	Candela		0° Aiming Angle Horizontal Footcandles		
				Distance to Floor	Beam Diameter	Avg. Beam Illuminance on Floors (FC)
	0	10700		6'	2.3'	229
	5	9296		8'	3.1'	129
	15	2634		10'	3.9'	82
	25	260		12'	4.7'	57
	35	85		14'	5.5'	42
	45	61				

Multipliers are as follows: 2000 lumens: 0.95 | 1600 lumens: 0.76 | 1450 lumens: 0.69 | 1250 lumens: 0.60

40° (Wide Flood) | 2100 lumens

Candela Distribution	Degree	Candela		0° Aiming Angle Horizontal Footcandles		
				Distance to Floor	Beam Diameter	Avg. Beam Illuminance on Floors (FC)
	0	4200		6'	4.4'	100
	5	4153		8'	5.8'	56
	15	3418		10'	7.3'	36
	25	1374		12'	8.7'	25
	35	534		14'	10.2'	18
	45	208				

Multipliers are as follows: 2000 lumens: 0.95 | 1600 lumens: 0.76 | 1450 lumens: 0.69 | 1250 lumens: 0.60

**LIMITED WARRANTY:** Turolight warrants that this lamp will operate for a period of five (5) years from the date of purchase when used in accordance with package and lamp directions. If this lamp does not last for three years, return this product to the place of purchase or visit [turolight.com](http://turolight.com) for warranty replacement procedures. You must include the original receipt/proof of purchase. Turolight will repair or replace your lamp. This limited warranty may not cover lamps subject to misuse, electrical current fluctuation, accident, neglect, or acts of God. THIS REPLACEMENT IS THE SOLE WARRANTY OBLIGATION OF TUROLIGHT 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 ARE EXCLUDED. Exclusion of incidental or consequential damages is not allowed by some provinces, so the above limitation or exclusion may not apply to you. Please visit [turolight.com](http://turolight.com) and contact us using the form supplied with any questions. **WARNING:** Not for use in fully enclosed luminaires. **Caution:** 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 contact [Turolight.com](http://Turolight.com) for up-to-date dimmer compatibility information. **NOTES:** This product may cause interference with other devices. If interference occurs, change the location of the products involved.