





### Benefits

- Reduced energy consumption and operating costs by up to 75%.
- Maintenance free operation lasts up to 25 times longer than conventional lighting.
- Cool beam- No UV or IR, reduces air conditioning loads.
- Unique design with anodized silver housing for cooler operation and extended lamp life.
- Environmentally friendly fully recyclable, no mercury or other hazardous materials.

# SōL<sup>™</sup> R38 Lamp

## Dimmable & Non-Dimmable

Patented design houses an integrated LED system for optimum lifetime performance. Excellent optics create a uniform beam, delivering lumen output comparable to conventional sources. Free of harmful UV and IR emissions.

Available in 30° beam distribution, in both warm and cool color temperatures with good color quality.

#### Features

Lumen Output	
Warm White	640
Cool White	830
Equivalent Source	75 Watt Halogen Lamp
Power Consumption	
Warm White	14 Watts
Cool White	15 Watts
Efficacy	
Warm White	46 (lm/w)
Cool White	55.3 (lm/w)
Color Temperature	
Warm White	3000K
Cool White	4700K
Color Rendering Index (CRI)	
Warm White	77
Cool White	75
Center Beam (candelas)	
Warm White	1893
Cool White	2486
Rated Life	50,000 Hours
	70% Lumen Maintenance
Housing	Anodized
Socket	E26 Edison Base
Beam Spread	
Narrow Flood	30°
Operating Temperature	-40°C to +45°C
Voltage*	120 VAC @ 60 Hz
Weight	1 lb, 9.8 oz
Warranty	5 Year Limited
Standards	UL1993, E320663
Certification	
Environment	Одамр

\*Normal input operating range allowed is 90-130 VAC/DC @ 50/60 Hz. Indoor use only.Not for use in insulated ceiling applications.US Patent D570, 505S

R38 SP002 Oct 2009

North America

Europe

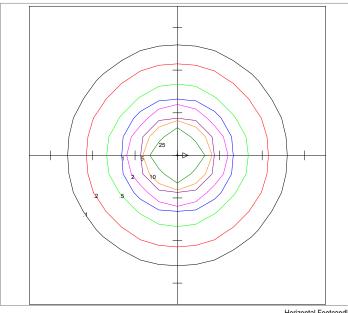


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Ordering Information

Example: SOL R38DM WW NFL





Warm White Illustrated

Horizontal Footcandles Scale: 1 Inch = 8 Ft. Light Loss Factor = 10.00 Lumens Per Lamp = N.A. (absolute photometry) Luminaire Lumens = 643 Mounting Height = 10.00 Ft Maximum Calculated Value = 189.31 Fc Arrangement: Single

#### Cautions

- Added weight may cause instability of free-standing portable lamps. Use only with portable lamps in which the distance from the bottom of the base to the top of the lamp holder does not exceed three (3) times the base width. Use only with portable lamps which are provided with lamp shades.
- This device is not intended for use with emergency exit fixtures or emergency exit lights.
- Not for use where exposed to the weather.
- Risk of Electric Shock, Do Not Use Where Directly Exposed to Water Do not open no user serviceable parts inside. Turn power off before inspection, installation, or removal.
- This device complies with Part 15 of the FCC rules. This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
- Use only on 120 Volt, 60 Hz circuits.



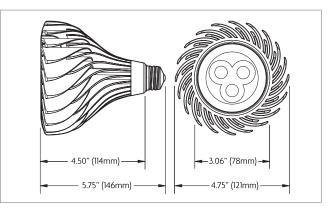
Lighting Science Group Corporation 1227 S. Patrick Drive BLDG 2A Satellite Beach, FL 32937 t: 877-999-5742 www.lsgc.com Specifications subject to change.

### Luminance Data (cd/sq.m)

Mean	
8,330	
5,812	
4,650	
3,287	
1,771	
	5,812 4,650 3,287

### Zonal Lumen Summary

Zone	Lumens	% Luminaire	
0–30	521.8	81.5.	
0–40	578.5	90.3	
0–60	623.1	97.3	
60–90	17.5	2.7.	
0-90	640.6	100	
90–180	0	0	
0–180	640.6	100	



Dimensions shown in inches (mm)