

# PRO

DATE

PROJECT

FIRM

TYPE

## R20

LSPro™ LED R20 Lamp

*Perfect Light Source for Commercial and Residential Applications*

### PRECISE LED BINNING PROCESS

*Detailed and exact LED binning process for concise color output and constant temperature.*



### 90+ CRI FOR EXCEPTIONAL COLOR RENDERING

### SPECIALIZED OPTIC DESIGN

*Creates smooth, even light distribution.*

## EXPECT MORE FROM YOUR LED LIGHTING

The 8W R20 LED lamp provides you with a crisp, beautifully lit environments, while requiring 80% less power and lasting 40 times longer than traditional incandescent bulbs. Perfect for a variety of commercial and residential applications, the R20 is dimmable and provides a form easily utilized in a variety of luminaires.



### PRECISE LED BINNING

*Detailed and precise LED binning process for constant color output and temperature.*

### SPECIALIZED OPTIC DESIGN

*Creates smooth, even light distribution.*

### ENERGY STAR RATED

*Energy Star rated for quality you can depend on.*



LIGHTING SCIENCE



## ORDERING INFORMATION

FAMILY	PRODUCT	WATTAGE EQUIVALENT	COLOR TEMPERATURE	VOLTAGE	SERIES	PACKAGING
LSPRO	R20	50 WE - 50 WATT EQUIVALENT	W27 - SOFT WHITE 2700K	120	FS1	BX - BOX
			WW - WARM WHITE 3000K			
			NW - NEUTRAL WHITE 4000K			
			CW - COOL WHITE 5000K			

example: LSPRO R20 50WE W27 FS1 BX

## R20

SPECIFICATIONS <sup>1</sup>	W27	WW	NW	CW
Color Temperature <sup>2</sup>	2700K	3000K	4000K	5000K
Output (Lumens) <sup>3</sup>	519	537	673	552
CBCP (cd)	168	174	207	168
Power Factor	.93	.93	.90	.93
CRI	94	95	93	96
R9	61	69	71	97
Beam Angle	Wide Flood			
Equivalent Source Standard	50 WE			
Input Voltage	120V			
Power Consumption	8W			
Dimmable <sup>4</sup>	Yes			
Housing	Aluminum			
Base	E26			
Dimensions (Length x Diameter)	3.73 x 2.48 in (94.9 x 63 mm)			
Weight	0.23 lbs (0.11 kg)			
Lumen Maintenance <sup>5</sup> (L <sub>70</sub> )	25,000 hours			
Warranty	5 Year Limited			
Environment	Damp			
Certifications	Energy Star; RoHS; UL Listed			

<sup>1</sup> Specifications and values supplied are nominal and are subject to change without notification

<sup>2</sup> Color temperatures conform to nominal CCTs as defined in ANSI Chromaticity Standard C78.377A

<sup>3</sup> Lumen measurement complies with IES LM-79-08 testing procedures

<sup>4</sup> Please consult with Lighting Science Group for a list of compatible dimmers

<sup>5</sup> Lumen maintenance calculations are based on measurements that comply with IES LM-80-08 testing procedures.

L70 = 70% lumen maintenance, or when lamp reaches 70% of initial output