

R4SSQ SERIES | 4-Inch Square Shallow Downlight Photometrics

R4SSQNC430KMVDM / C4322SSQDC-SL: 3000K, 83 CRI, MEDIUM BEAM, PAINTED SILVER REFLECTOR

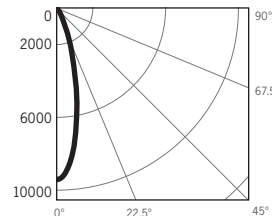
LM-63 Test No. G21072306; LM-79 Test No. S21072901

Fixture Delivered Lumens: 2818.7
Total Watts@120V: 28.5
Lumens Per Watt: 98.9
Center Beam Candle Power: 9402
Beam Distribution: 26.6°
Spacing Criterion: 0.44
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3023K
Designed for 50,000 Hour Lamp Life³

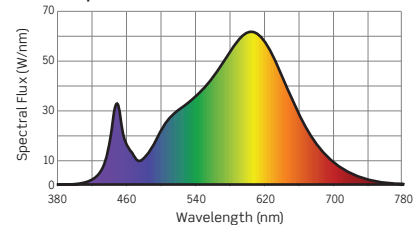
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	261.2	2.8
8 FT	146.9	3.8
10 FT	94.0	4.7
12 FT	65.3	5.7
14 FT	48.0	6.6
16 FT	36.7	7.6

Candela Curve



Spectral Power Distribution Chart⁴



R4SSQNC430KMVDF / C4322SSQDC-SL: 3000K, 83 CRI, FLOOD BEAM, PAINTED SILVER REFLECTOR

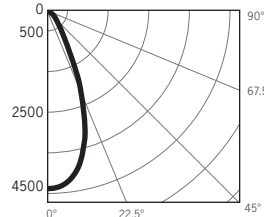
LM-63 Test No. G21072302; LM-79 Test No. S21072901

Fixture Delivered Lumens: 2837.2
Total Watts@120V: 28.4
Lumens Per Watt: 99.9
Center Beam Candle Power: 4303
Beam Distribution: 44.5°
Spacing Criterion: 0.73
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3023K
Designed for 50,000 Hour Lamp Life³

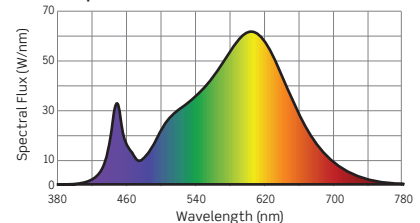
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	119.5	4.9
8 FT	67.2	6.6
10 FT	43.0	8.2
12 FT	29.9	9.8
14 FT	22.0	11.5
16 FT	16.8	13.1

Candela Curve



Spectral Power Distribution Chart⁴



R4SSQNC430KMVDW / C4322SSQDC-SL: 3000K, 83 CRI, WIDE FLOOD BEAM, PAINTED SILVER REFLECTOR

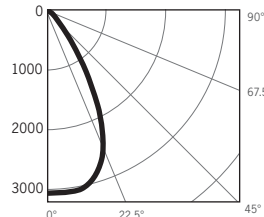
LM-63 Test No. G21072307; LM-79 Test No. S21072901

Fixture Delivered Lumens: 3017.7
Total Watts@120V: 28.5
Lumens Per Watt: 105.9
Center Beam Candle Power: 3004
Beam Distribution: 60.4°
Spacing Criterion: 0.97
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3023K
Designed for 50,000 Hour Lamp Life³

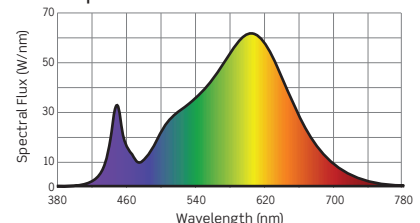
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	83.4	7.0
8 FT	46.9	9.3
10 FT	30.0	11.6
12 FT	20.9	14.0
14 FT	15.3	16.3
16 FT	11.7	18.6

Candela Curve



Spectral Power Distribution Chart⁴



1. Accuracy of Rendering Colors 2. Color Appearance of Light Source 3. Dependent on Surrounding Temperatures 4. Colors Present within the Light Source

PHOTOMETRIC MULTIPLICATION FACTORS

Lumen output values fluctuate based on Color Temperature, Luminaire Wattage/Output and Trim Selection. To estimate lumen output of the various CCT/CRI options, multiply 3000K (80 CRI min) results by the following:

CCT MULTIPLIERS		
CCT	STANDARD CRI	HIGH (90+) CRI
2700K	0.94	0.70
3000K	1.00	0.75
3500K	1.02	0.81
4000K	1.04	0.87

OUTPUT MULTIPLIERS		
9W/SERIES 1	13W/SERIES 2	19W/SERIES 3
0.38	0.54	0.73

TRIM MULTIPLIERS
C4322S-WHT
1.04

R4SSQ SERIES

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TM-30 DATA: R4SSQNC430KMVDF / C4322SSQDC-SL

ANSI/IES TM-30-18 Color Rendition Report Test No. S21072901

Colors are for visual orientation purposes only

