

DATE

PROJECT

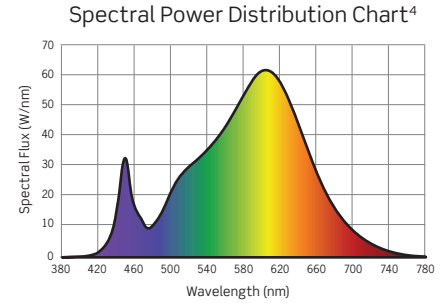
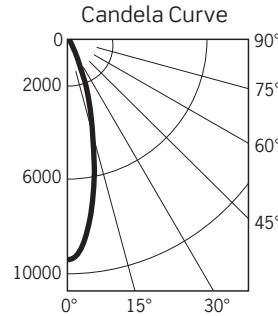
TYPE

R4SSQ SERIES | 4-Inch Square Shallow Downlight Photometrics

R4SSQNC430KMVDM / C4322SSQDC-SL

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

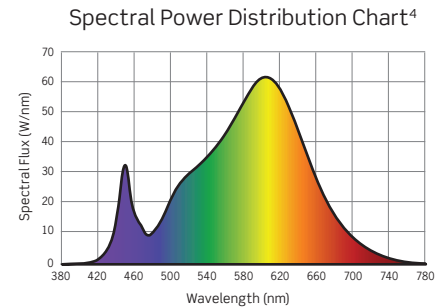
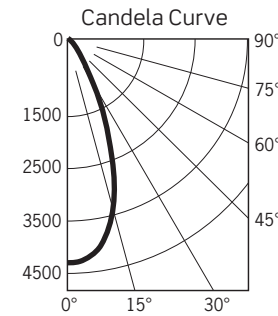
Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	261.2	2.8
8 FT	146.9	3.8
10 FT	94.0	4.7
12 FT	65.3	5.7
14 FT	48.0	6.6
16 FT	36.7	7.6



R4SSQNC430KMVDF / C4322SSQDC-SL

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

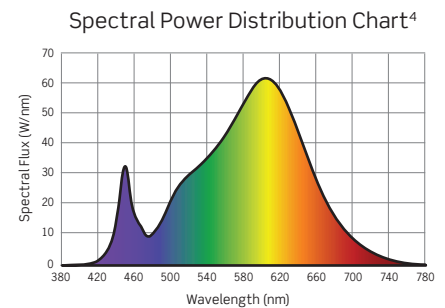
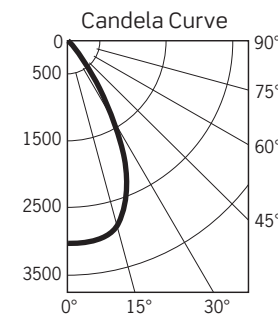
Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	119.5	4.9
8 FT	67.2	6.6
10 FT	43.0	8.2
12 FT	29.9	9.8
14 FT	22.0	11.5
16 FT	16.8	13.1



R4SSQNC430KMVDW / C4322SSQDC-SL

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

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (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



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 these various options, multiply 3000K results by the following:

CCT MULTIPLIERS			OUTPUT MULTIPLIERS			TRIM MULTIPLIERS
CCT	STD CRI	HIGH CRI	SERIES 1 - 9W	SERIES 2 - 13W	SERIES 3 - 19W	C4322SSQDC-WHT
2700K	0.94	0.70	0.38	0.54	0.73	1.04
3000K	N/A	0.75				
3500K	1.0	0.81				
4000K	1.0	0.87				

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R4SSQ SERIES | 4-Inch Square Shallow Downlight Photometrics

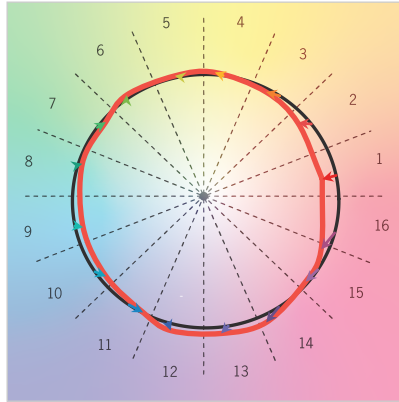
TM-30 DATA: R4SSQNC430KMVDF / C4322SSQDC-SL

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

Colors are for visual orientation purposes only

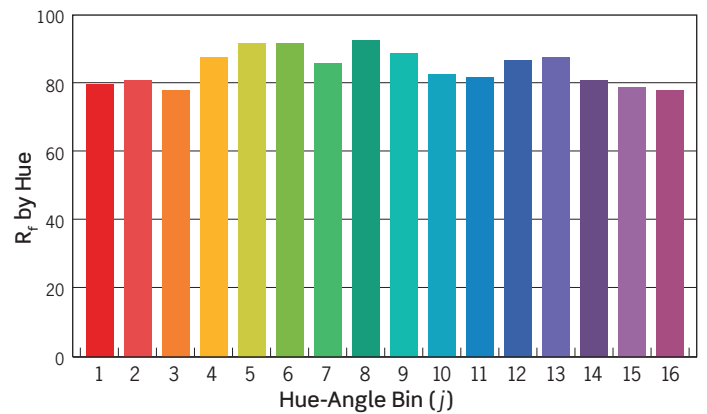
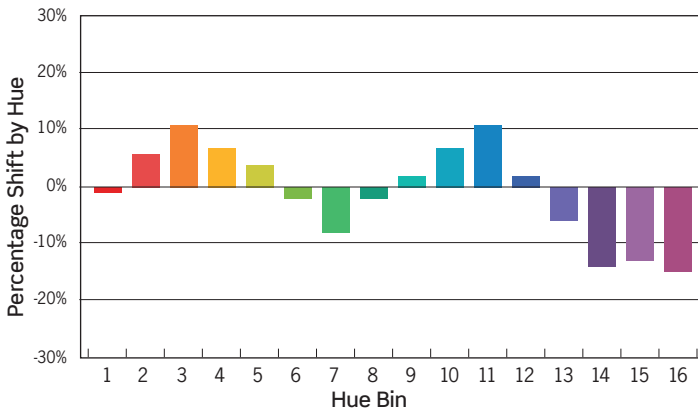
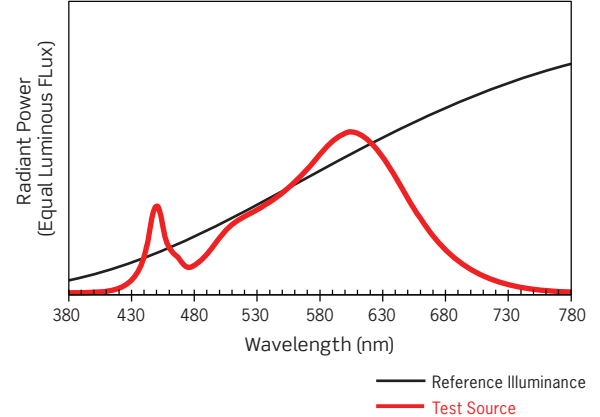
R_f	86
R_g	96
CCT(K)	3023K
D_{uv}	0.0016
u^l	0.2492
v^l	0.5231

Color Vector Graphic



— Reference Illuminance — Test Source

Spectral Power Distribution Comparison



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	-1%	6%	10%	7%	4%	-2%	-7%	-2%	2%	8%	12%	3%	-6%	-14%	-13%	-15%
R _f VALUE	81	83	80	90	93	94	88	94	90	84	83	86	89	81	80	79