

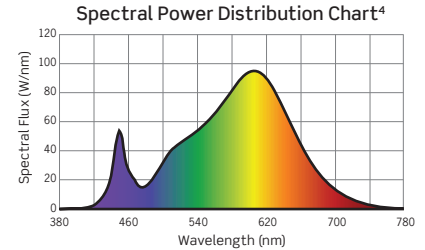
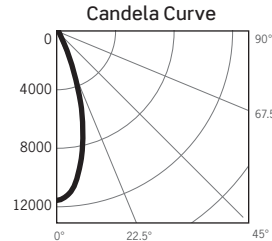
R4SQ SERIES | 4-Inch Square Downlight Photometrics

R4SQNC630K12DN / C4322SQ-CLR: 3000K, 80 CRI, NARROW BEAM, CLEAR REFLECTOR

LM-63 Test No. G21072004; LM-79 Test No. S21071503

Fixture Delivered Lumens: 4207.7
Total Watts@120V: 44.7
Lumens Per Watt: 94.1
Center Beam Candle Power: 11502
Beam Distribution: 33.7°
Spacing Criterion: 0.55
Color Rendering Index (CRI)¹: 83.3
Color Temperature (CCT)²: 3053K
Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	319.5	3.6
8 FT	179.7	4.8
10 FT	115.0	6.0
12 FT	79.9	7.2
14 FT	58.7	8.4
16 FT	44.9	9.7

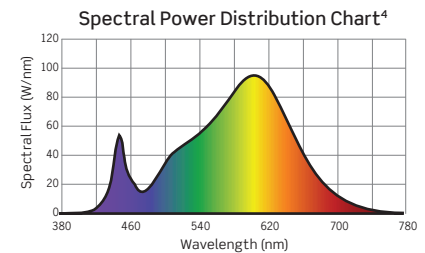
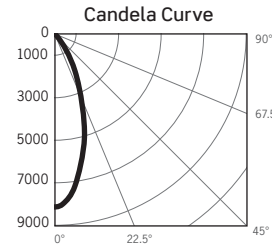


R4SQNC630K12DM / C4322SQ-CLR: 3000K, 80 CRI, MEDIUM BEAM, CLEAR REFLECTOR

LM-63 Test No. G21071405; LM-79 Test No. S21071503

Fixture Delivered Lumens: 4454.1
Total Watts@120V: 44.7
Lumens Per Watt: 99.6
Center Beam Candle Power: 8124
Beam Distribution: 38.0°
Spacing Criterion: 0.61
Color Rendering Index (CRI)¹: 83.3
Color Temperature (CCT)²: 3053K
Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	225.7	4.2
8 FT	126.9	5.6
10 FT	81.2	7.0
12 FT	56.4	8.4
14 FT	41.4	9.9
16 FT	31.7	11.3

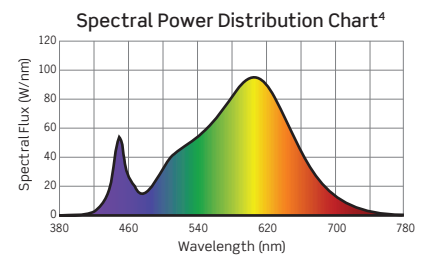
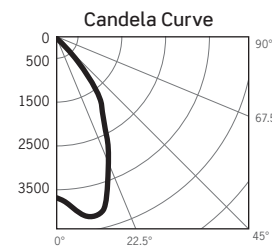


R4SQNC630K12DW / C4322SQ-CLR: 3000K, 80 CRI, WIDE BEAM, CLEAR REFLECTOR

LM-63 Test No. G21071403; LM-79 Test No. S21071503

Fixture Delivered Lumens: 4295.6
Total Watts@120V: 44.7
Lumens Per Watt: 96.1
Center Beam Candle Power: 3684
Beam Distribution: 61.7°
Spacing Criterion: 1.0
Color Rendering Index (CRI)¹: 83.3
Color Temperature (CCT)²: 3053K
Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	102.3	7.2
8 FT	57.6	9.6
10 FT	36.8	11.9
12 FT	25.6	14.3
14 FT	18.8	16.7
16 FT	14.4	19.1



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	STD. CRI	HIGH CRI
2700K	0.94	0.70
3000K	1.00	0.75
3500K	1.02	0.81
4000K	1.04	0.87

OUTPUT MULTIPLIERS				
12W/SERIES 1	16W/SERIES 2	21W/SERIES 3	30W/SERIES 4	38W/SERIES 5
0.27	0.37	0.52	0.71	0.88

TRIM MULTIPLIERS	
C4322SQDC-SL	C4322SQDF-SL
0.93	0.94

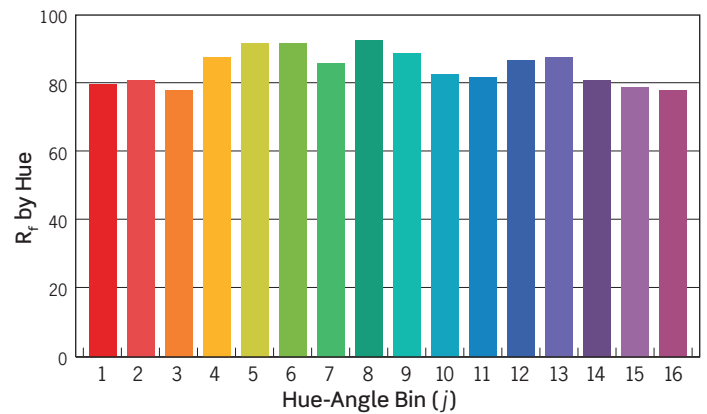
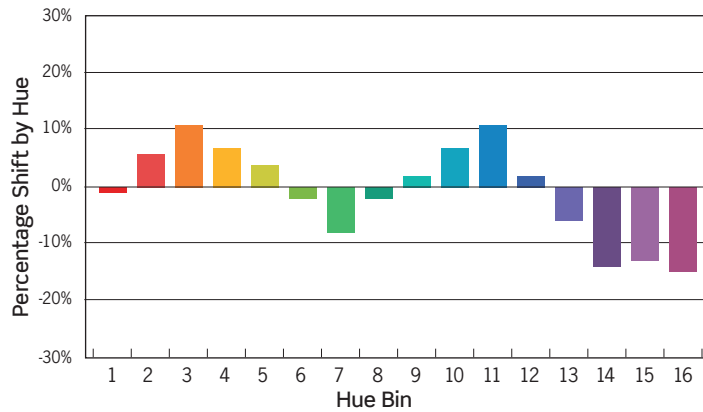
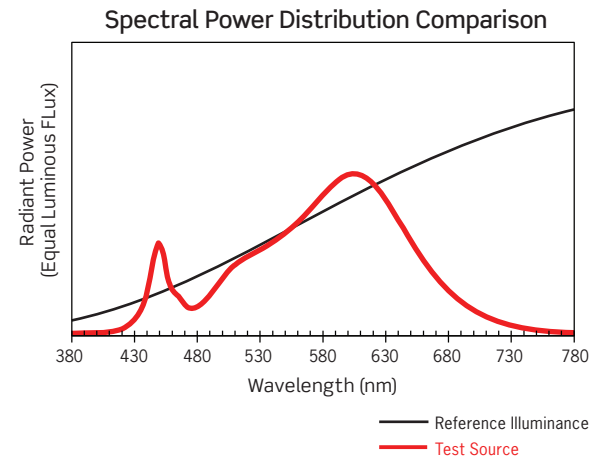
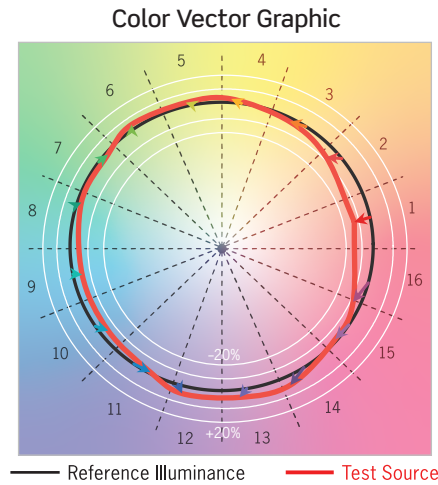
R4SQ SERIES | 4-Inch Square Downlight Photometrics

TM-30 DATA: R4SQNC630K12DM / C4322SQ-CLR

ANSI/IES TM-30-18 Color Rendition Report Test No. S21071503

Colors are for visual orientation purposes only

R_f	86
R_g	97
CCT(K)	3053K
D_{uv}	0.0014
u^l	0.2482
v^l	0.5223



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	-1%	6%	11%	7%	4%	-2%	-8%	-2%	2%	7%	12%	4%	-6%	-14%	-13%	-15%
R_f VALUE	81	82	79	88	93	93	87	94	90	84	83	86	89	82	80	79