

DATE

PROJECT

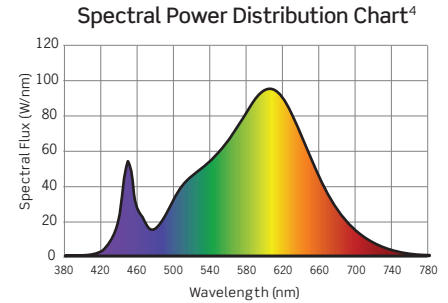
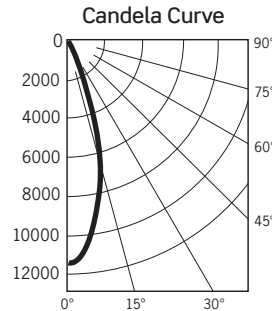
TYPE

R4SQ SERIES | 4-Inch Square Downlight Photometrics

R4SQNC630K12DN / C4322SQ-CLR

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

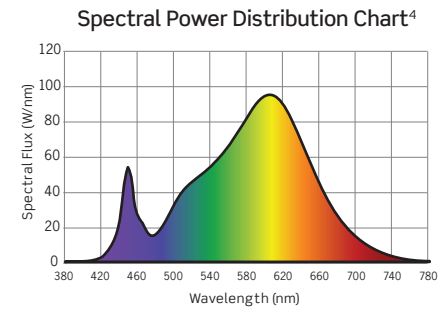
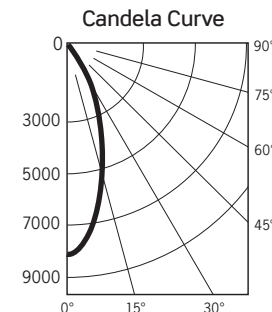
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	319.5	3.6
8 FT	179.7	4.8
10 FT	115.0	6.0
12 FT	79.9	7.2
14 FT	58.7	8.4
16 FT	44.9	9.7



R4SQNC630K12DM / C4322SQ-CLR

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

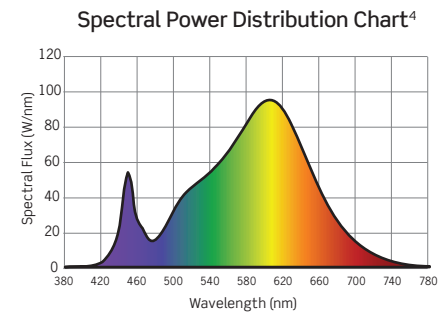
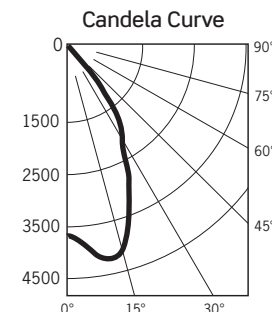
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	225.7	4.2
8 FT	126.9	5.6
10 FT	81.2	7.0
12 FT	56.4	8.4
14 FT	41.4	9.9
16 FT	31.7	11.3



R4SQNC630K12DW / C4322SQ-CLR

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: 8/3
 Color Temperature (CCT)²: 3053K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21071403
 LM-79 Test No. S21071503

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (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 these various options, multiply 3000K results by the following:

CCT MULTIPLIERS			OUTPUT MULTIPLIERS					TRIM MULTIPLIERS	
CCT	STD CRI	HIGH CRI	SERIES 1	SERIES 2	SERIES 3	SERIES 4	SERIES 5	C4322SQDC-SL	C4322SQDF-SL
2700K	0.94	0.70	0.27	0.37	0.52	0.71	0.88	0.93	0.94
3000K	N/A	0.75							
3500K	1.0	0.81							
4000K	1.0	0.87							

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R4SQ SERIES | 4-Inch Square Downlight Photometrics

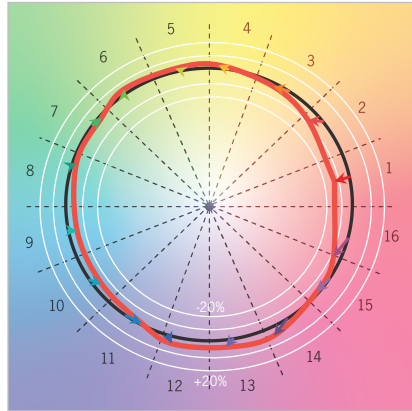
TM-30 DATA: R4SQNC630K12DM / C4322SQ-CLR

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

Colors are for visual orientation purposes only

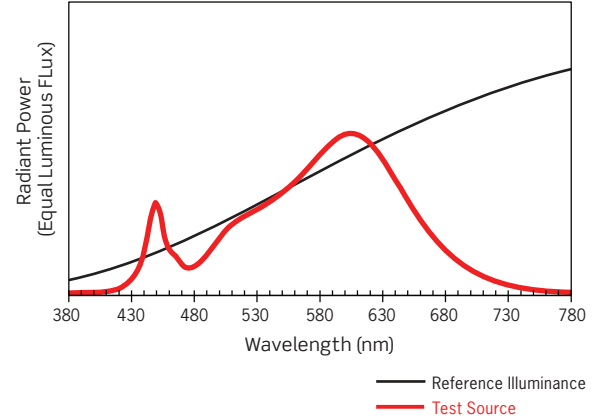
R_f	86
R_g	97
CCT(K)	3053K
D_{uv}	0.0014
u^l	0.2482
v^l	0.5223

Color Vector Graphic

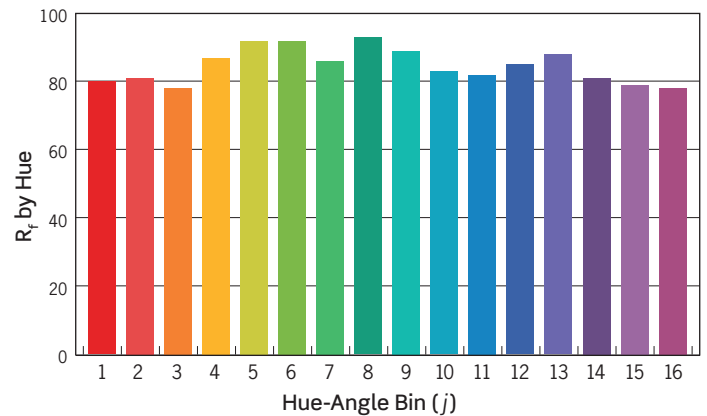
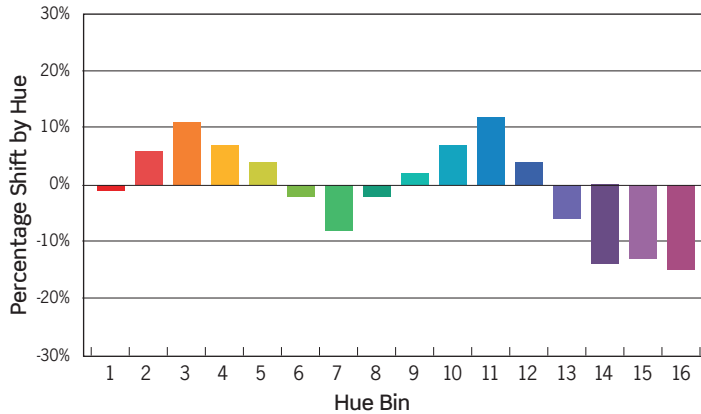


— Reference Illuminance — Test Source

Spectral Power Distribution Comparison



— Reference Illuminance
— Test Source



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