

DATE

PROJECT

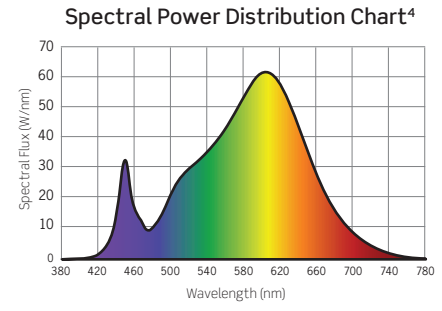
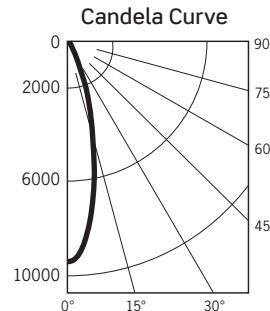
TYPE

R4S SERIES | 4-Inch Round Shallow Downlight Photometrics

R4SNC430KMVDM / C4322S-CLR

Fixture Delivered Lumens: 2949.2
 Total Watts@120V: 28.4
 Lumens Per Watt: 103.8
 Center Beam Candle Power: 9461
 Beam Distribution: 26.8°
 Spacing Criterion: 0.47
 Color Rendering Index (CRI)¹: 83.3
 Color Temperature (CCT)²: 3047K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21072705
 LM-79 Test No. S21072902

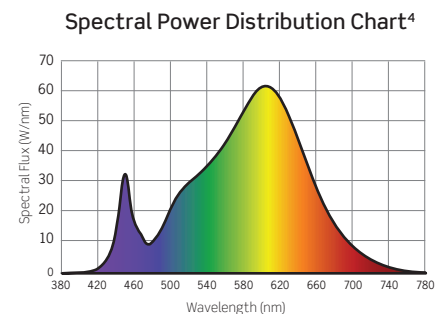
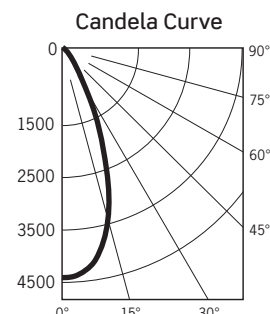
Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	262.8	2.9
8 FT	147.8	3.8
10 FT	94.6	4.8
12 FT	65.7	5.7
14 FT	48.3	6.7
16 FT	37.0	7.6



R4SNC430KMVDF / C4322S-CLR

Fixture Delivered Lumens: 3007.2
 Total Watts@120V: 28.4
 Lumens Per Watt: 105.9
 Center Beam Candle Power: 4418
 Beam Distribution: 44.8°
 Spacing Criterion: 0.70
 Color Rendering Index (CRI)¹: 83.3
 Color Temperature (CCT)²: 3047K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21072701
 LM-79 Test No. S21072902

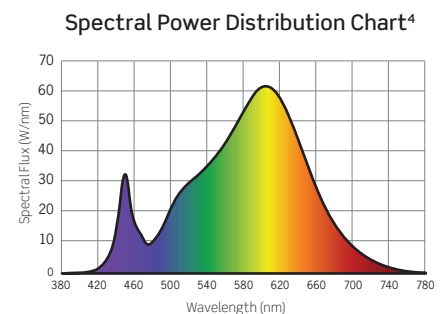
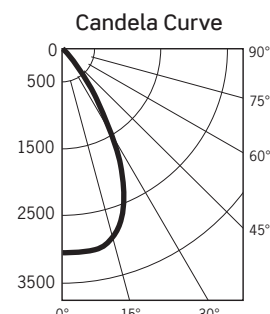
Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	122.7	5.0
8 FT	69.0	6.6
10 FT	44.2	8.3
12 FT	30.7	9.9
14 FT	22.5	11.5
16 FT	17.3	13.2



R4SNC430KMVDW / C4322S-CLR

Fixture Delivered Lumens: 3119.4
 Total Watts@120V: 28.4
 Lumens Per Watt: 109.8
 Center Beam Candle Power: 3061
 Beam Distribution: 60.6°
 Spacing Criterion: 0.89
 Color Rendering Index (CRI)¹: 83.3
 Color Temperature (CCT)²: 3047K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21072706
 LM-79 Test No. S21072902

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	85.0	7.0
8 FT	47.8	9.4
10 FT	30.6	11.7
12 FT	21.3	14.0
14 FT	15.6	16.4
16 FT	12.0	18.7



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	C4322S-PL	C4322S-WHT
2700K	0.94	0.70	0.39	0.54	0.73	0.99	1.00
3000K	N/A	0.75					
3500K	1.0	0.81					
4000K	1.0	0.87					

DATE

PROJECT

TYPE

R4S SERIES | 4-Inch Round Shallow Downlight Photometrics

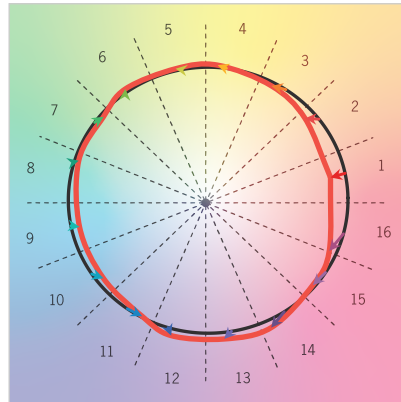
TM-30 DATA: R4SNC430KMVDF / C4322S-CLR

ANSI/IES TM-30-18 Color Rendition Report Test No. S21072902

Colors are for visual orientation purposes only

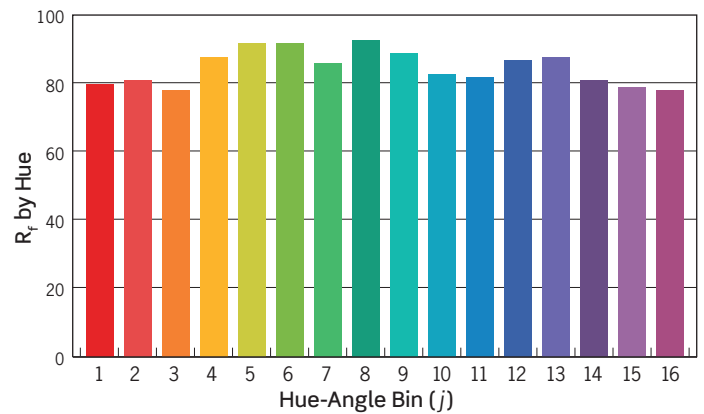
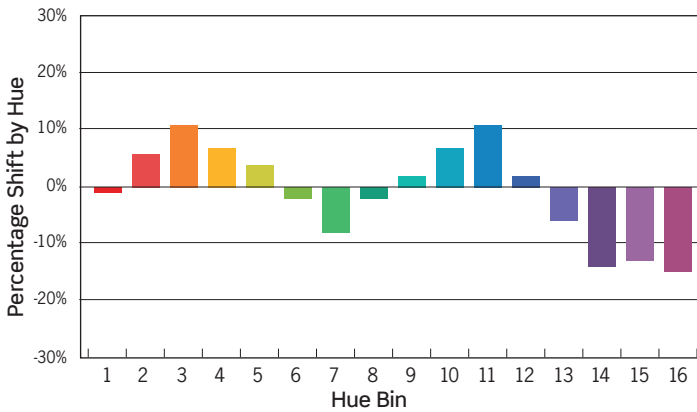
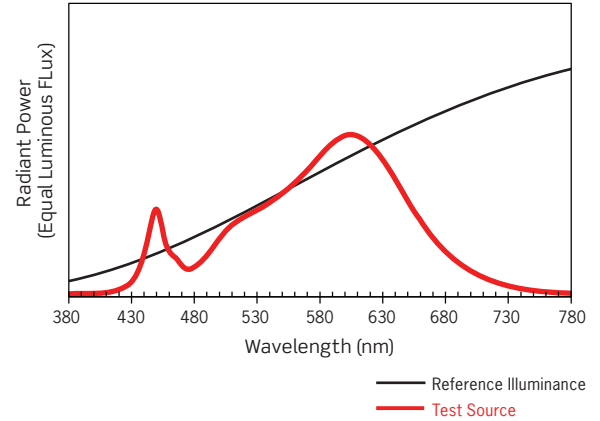
R_f	86
R_g	96
CCT(K)	3047K
D_{uv}	0.0024
u^l	0.2480
v^l	0.5238

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%	-1%	2%	7%	12%	3%	-6%	-14%	-13%	-15%
R _f VALUE	81	83	80	89	93	94	88	94	90	84	83	86	89	82	80	79