

R4S SERIES | 4-Inch Round Shallow Downlight Photometrics

R4SNC430KMVDM / C4322S-CLR: 3000K, 83 CRI, MEDIUM BEAM, CLEAR REFLECTOR

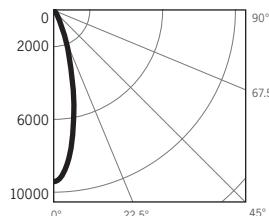
LM-63 Test No. G21072705; LM-79 Test No. S21072902

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

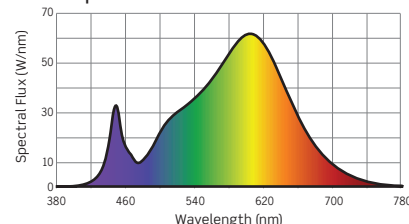
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (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

Candela Curve



Spectral Power Distribution Chart⁴



R4SNC430KMVDF / C4322S-CLR: 3000K, 83 CRI, FLOOD BEAM, CLEAR REFLECTOR

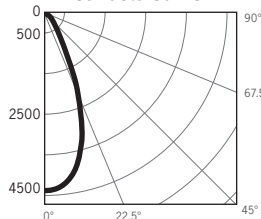
LM-63 Test No. G21072701; LM-79 Test No. S21072902

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

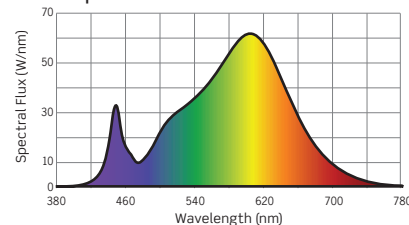
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (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

Candela Curve



Spectral Power Distribution Chart⁴



R4SNC430KMVDW / C4322S-CLR: 3000K, 83 CRI, WIDE FLOOD BEAM, CLEAR REFLECTOR

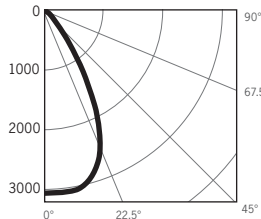
LM-63 Test No. G21072706; LM-79 Test No. S21072902

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

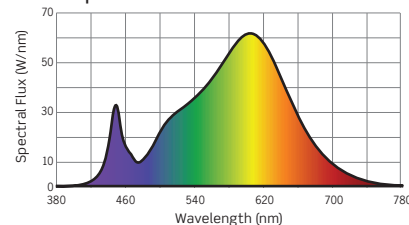
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (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

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
0.39	0.54	0.73

TRIM MULTIPLIERS	
C4322S-PL	C4322S-WHT
0.99	1.00

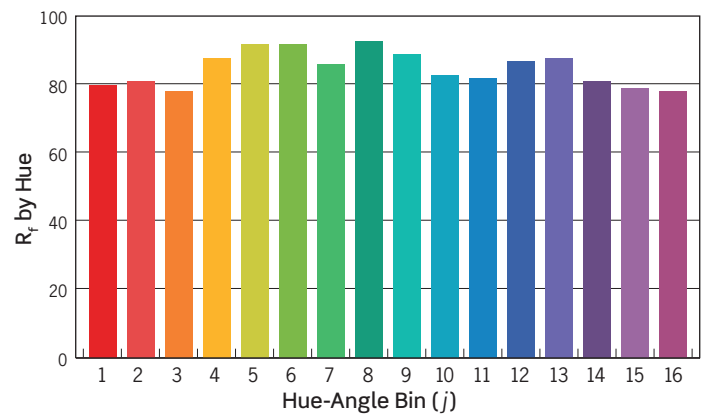
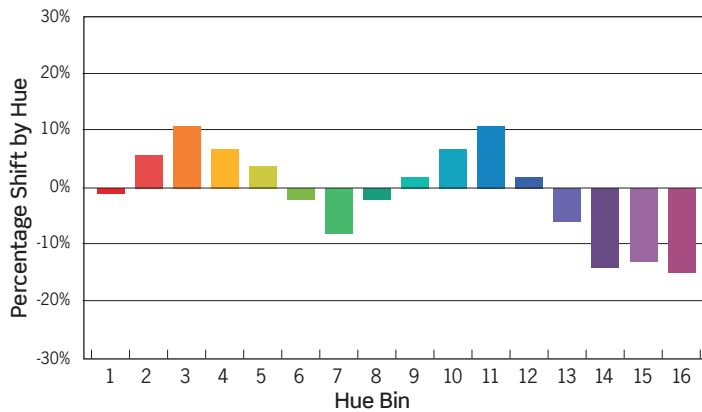
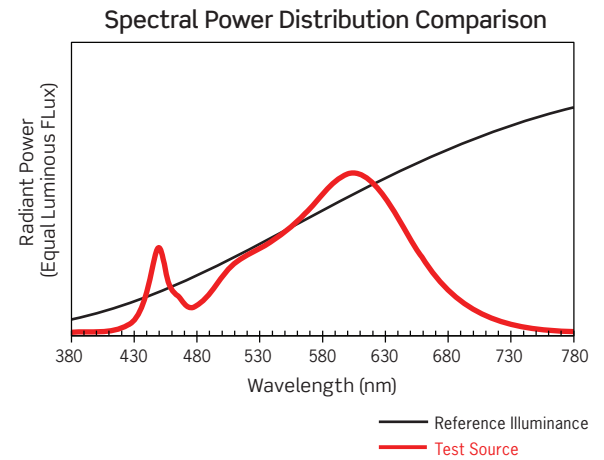
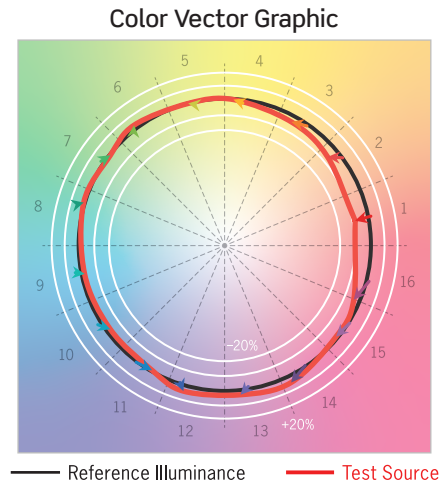
R4S SERIES | 4-Inch Round Shallow Downlight Photometrics

TM-30 DATA: R4SNC630K12D / C4322M-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^I	0.2480
v^I	0.5238



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