

DATE

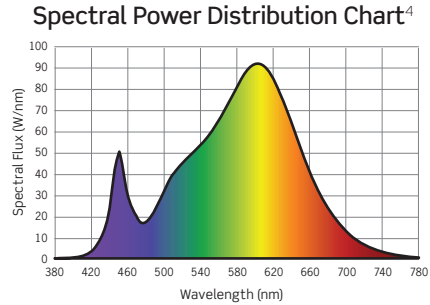
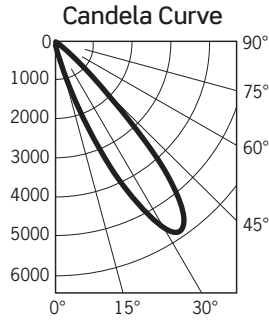
PROJECT

TYPE

R4A SERIES | 4-Inch Round Adjustable Downlight Photometrics

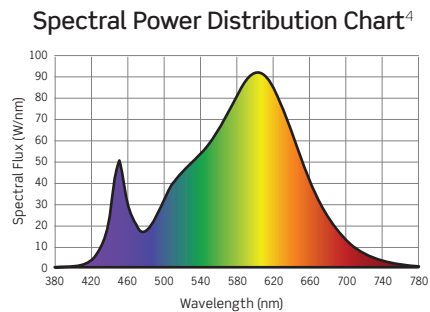
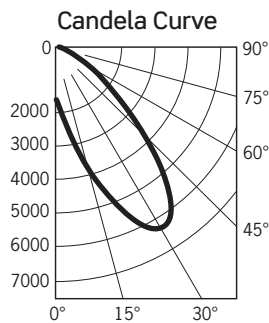
R4ANC630K12DS / C4304-CLR

Luminaire aimed 30° from Nadir
 Fixture Delivered Lumens: 877.5
 Total Watts@120V: 44.2
 Lumens Per Watt: 19.9
 Center Beam Candle Power: 11261
 Beam Distribution: 15.5°
 Color Rendering Index (CRI)¹: 82.8
 Color Temperature (CCT)²: 3109K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21101202
 LM-79 Test No. S21072701



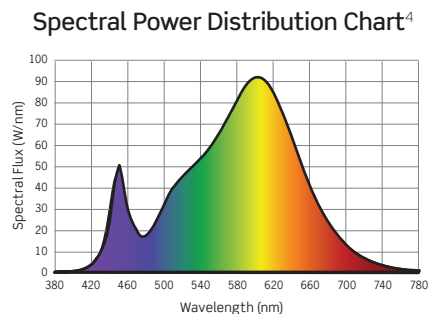
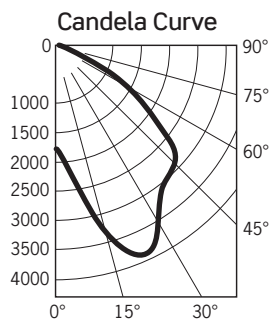
R4ANC630K12DM / C4304-CLR

Luminaire aimed 30° from Nadir
 Fixture Delivered Lumens: 3129.4
 Total Watts@120V: 44.3
 Lumens Per Watt: 70.6
 Center Beam Candle Power: 7085
 Beam Distribution: 36.2°
 Color Rendering Index (CRI)¹: 82.8
 Color Temperature (CCT)²: 3109K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21100701
 LM-79 Test No. S21072701



R4ANC630K12DF / C4304-CLR

Luminaire aimed 30° from Nadir
 Fixture Delivered Lumens: 2943.8
 Total Watts@120V: 44.4
 Lumens Per Watt: 66.3
 Center Beam Candle Power: 3603
 Beam Distribution: 51.3°
 Color Rendering Index (CRI)¹: 82.8
 Color Temperature (CCT)²: 3109K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21072003
 LM-79 Test No. S21072701



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	12W/SERIES 1	16W/SERIES 2	21W/SERIES 3	30W/SERIES 4	38W/SERIES 5	C4304-PL	C4305-WHT	C4302-CLR
2700K	0.94	0.70	0.26	0.36	0.50	0.68	0.83	0.94	0.68	1.24
3000K	N/A	0.75								
3500K	1.0	0.81								
4000K	1.0	0.87								

DATE

PROJECT

TYPE

R4A SERIES | 4-Inch Round Adjustable Downlight Photometrics

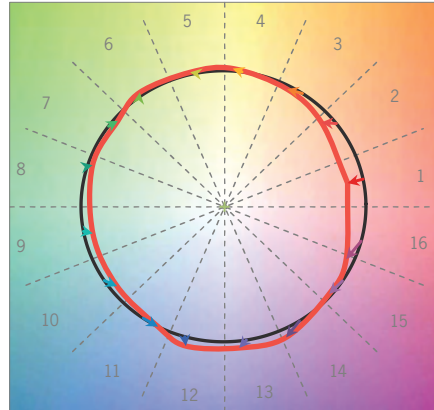
TM-30 DATA: R4ANC630K12DM / C4304-CLR

ANSI/IES TM-30-18 Color Rendition Report Test No. S21072701

Colors are for visual orientation purposes only

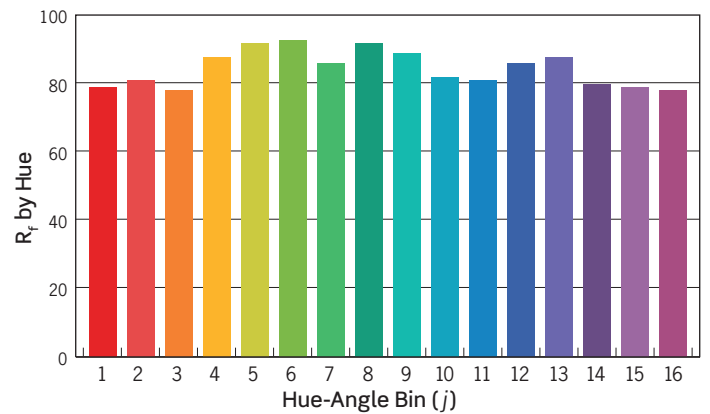
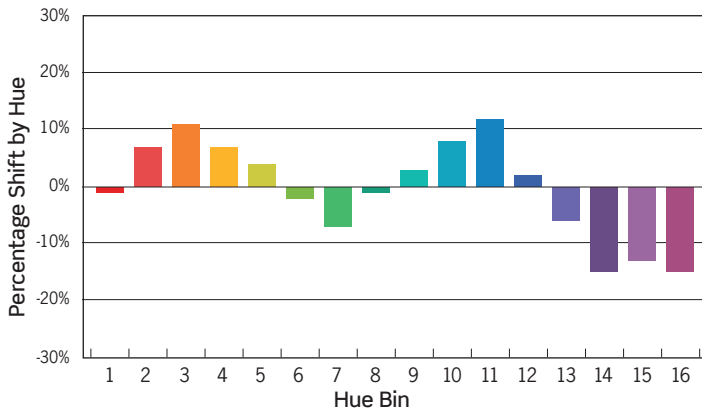
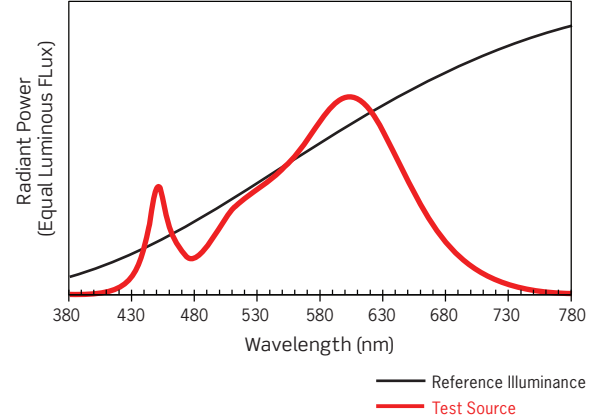
R_f	85
R_g	96
CCT(K)	3109K
D_{uv}	0.0015
u^I	0.2463
v^I	0.5212

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%	7%	11%	7%	4%	-2%	-7%	-1%	3%	8%	12%	2%	-6%	-15%	-13%	-15%
R _f VALUE	80	82	79	89	93	94	87	93	90	83	82	87	89	81	80	79