

DATE

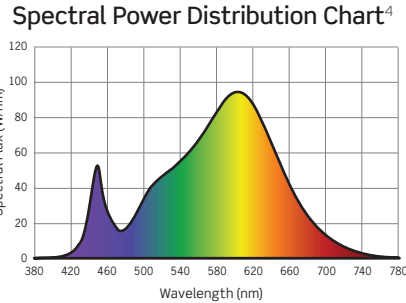
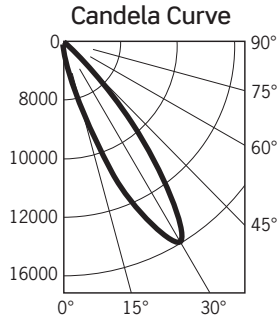
PROJECT

TYPE

R6A SERIES | 6-Inch Round Adjust. Downlight Photometrics

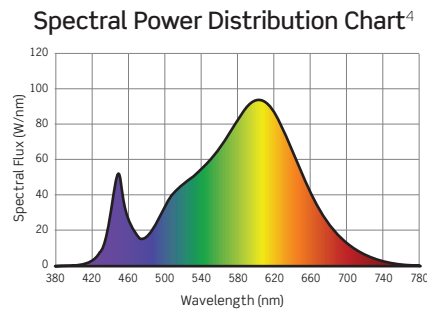
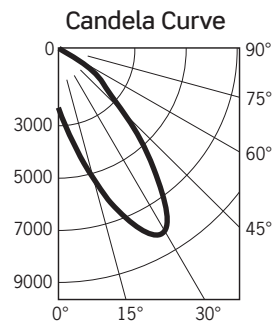
R6ANC630K12DS / C6302-CLR

Luminaire aimed 30° from Nadir
 Fixture Delivered Lumens: 2192.0
 Total Watts@120V: 44.2
 Lumens Per Watt: 49.6
 Center Beam Candle Power: 15674
 Beam Distribution: 17.6°
 Color Rendering Index (CRI)¹: 83.2
 Color Temperature (CCT)²: 3083K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21101107
 LM-79 Test No. S21072702



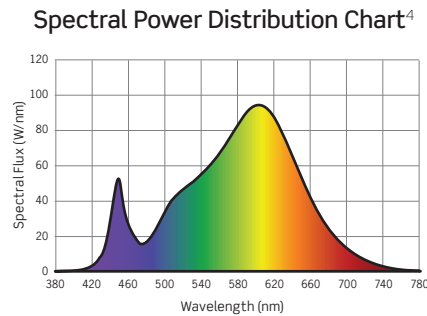
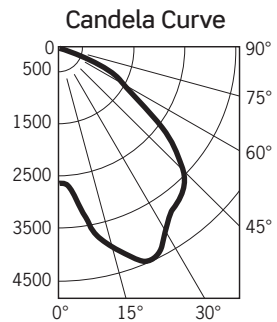
R6ANC630K12DM / C6304-CLR

Luminaire aimed 30° from Nadir
 Fixture Delivered Lumens: 3638.6
 Total Watts@120V: 44.3
 Lumens Per Watt: 82.1
 Center Beam Candle Power: 8181
 Beam Distribution: 34.9°
 Color Rendering Index (CRI)¹: 83.2
 Color Temperature (CCT)²: 3083K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21100703
 LM-79 Test No. S21072702



R6ANC630K12DF / C6304-CLR

Luminaire aimed 30° from Nadir
 Fixture Delivered Lumens: 3368.4
 Total Watts@120V: 44.4
 Lumens Per Watt: 75.9
 Center Beam Candle Power: 4202
 Beam Distribution: 47.8°
 Color Rendering Index (CRI)¹: 83.2
 Color Temperature (CCT)²: 3083K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21072202
 LM-79 Test No. S21072702



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	15W/SERIES 2	21W/SERIES 3	29W/SERIES 4	37W/SERIES 5	C6304-PL	C6304-WHT	C6302-CLR
2700K	0.94	0.70	0.27	0.37	0.52	0.71	0.87	0.95	0.94	1.16
3000K	N/A	0.75								
3500K	1.0	0.81								
4000K	1.0	0.87								

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R6A SERIES | 6-Inch Round Adjust. Downlight Photometrics

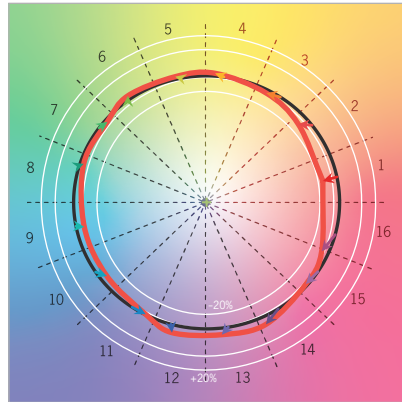
TM-30 DATA: R6ANC630K12DM / C6304-CLR

ANSI/IES TM-30-18 Color Rendition Report Test No. S21072702

Colors are for visual orientation purposes only

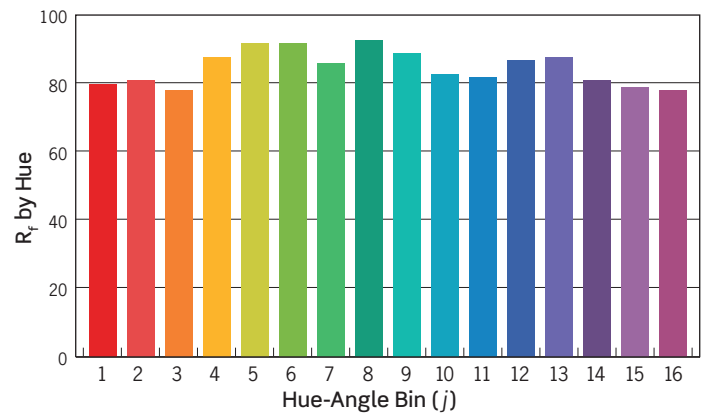
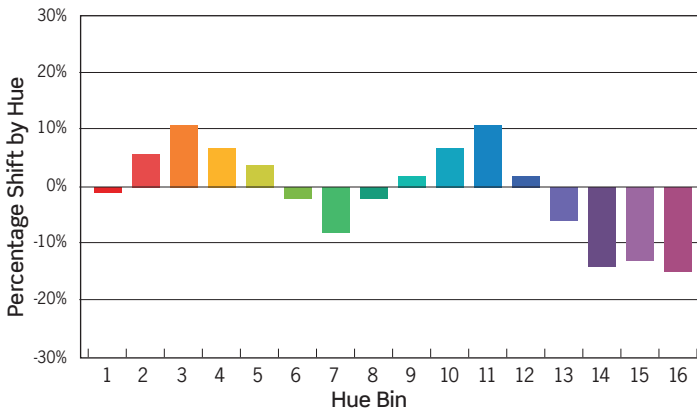
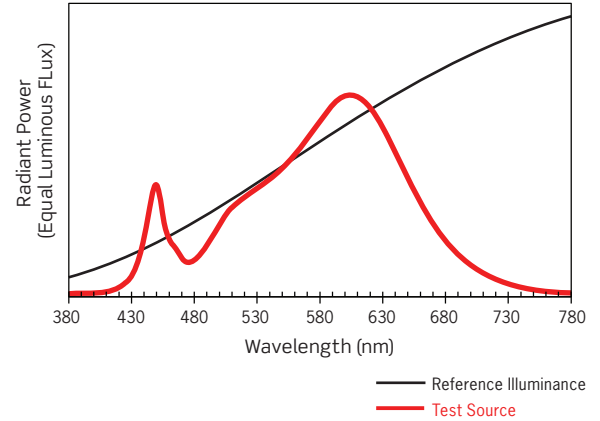
R_f	86
R_g	96
CCT(K)	3083K
D_{uv}	0.0018
u^l	0.2470
v^l	0.5222

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%	11%	7%	4%	-2%	-7%	-2%	2%	7%	12%	2%	-6%	-14%	-13%	-15%
R _f VALUE	81	82	79	89	93	93	87	94	90	84	82	88	89	82	80	79