

R4ASQ SERIES | 4-Inch Square Adjustable Downlight Photometrics

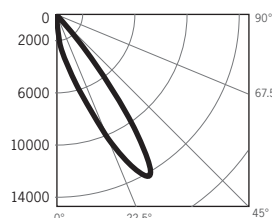
R4ASQNC630K12DS / C4304-CLR: 3000K, 80 CRI, SPOT BEAM, CLEAR REFLECTOR

LM-63 Test No. G21101204; LM-79 Test No. S21072703

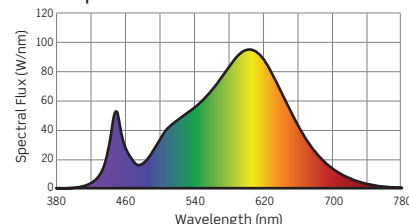
Luminaire aimed 30° from Nadir

Fixture Delivered Lumens: 2096.0
Total Watts@120V: 44.2
Lumens Per Watt: 47.4
Center Beam Candle Power: 14252
Beam Distribution: 19.4°
Spacing Criterion: 1.10
Color Rendering Index (CRI)¹: 83.1
Color Temperature (CCT)²: 3088K
Designed for 50,000 Hour Lamp Life³

Candela Curve



Spectral Power Distribution Chart⁴



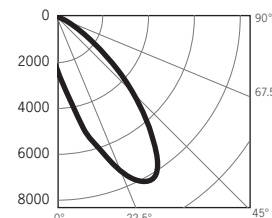
R4ASQNC630K12DM / C4304-CLR: 3000K, 80 CRI, MEDIUM BEAM, CLEAR REFLECTOR

LM-63 Test No. G21100702; LM-79 Test No. S21072703

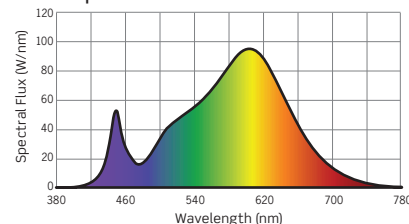
Luminaire aimed 30° from Nadir

Fixture Delivered Lumens: 3705.4
Total Watts@120V: 44.4
Lumens Per Watt: 83.5
Center Beam Candle Power: 8230
Beam Distribution: 34.6°
Spacing Criterion: 1.19
Color Rendering Index (CRI)¹: 83.1
Color Temperature (CCT)²: 3088K
Designed for 50,000 Hour Lamp Life³

Candela Curve



Spectral Power Distribution Chart⁴



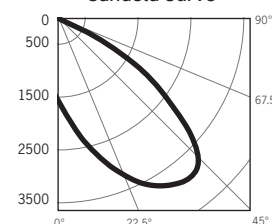
R4ASQNC630K12DF / C4304-CLR: 3000K, 80 CRI, FLOOD BEAM, CLEAR REFLECTOR

LM-63 Test No. G21080202; LM-79 Test No. S21072703

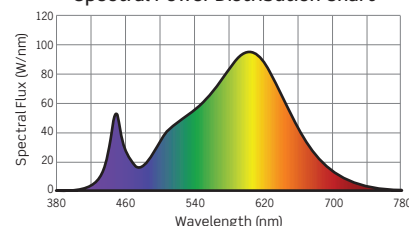
Luminaire aimed 30° from Nadir

Fixture Delivered Lumens: 3144.3
Total Watts@120V: 44.4
Lumens Per Watt: 70.8
Center Beam Candle Power: 3661
Beam Distribution: 50.8°
Spacing Criterion: 1.56
Color Rendering Index (CRI)¹: 83.1
Color Temperature (CCT)²: 3088K
Designed for 50,000 Hour Lamp Life³

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				
12W/SERIES 1	16W/SERIES 2	21W/SERIES 3	30W/SERIES 4	38W/SERIES 5
0.25	0.34	0.48	0.65	0.79

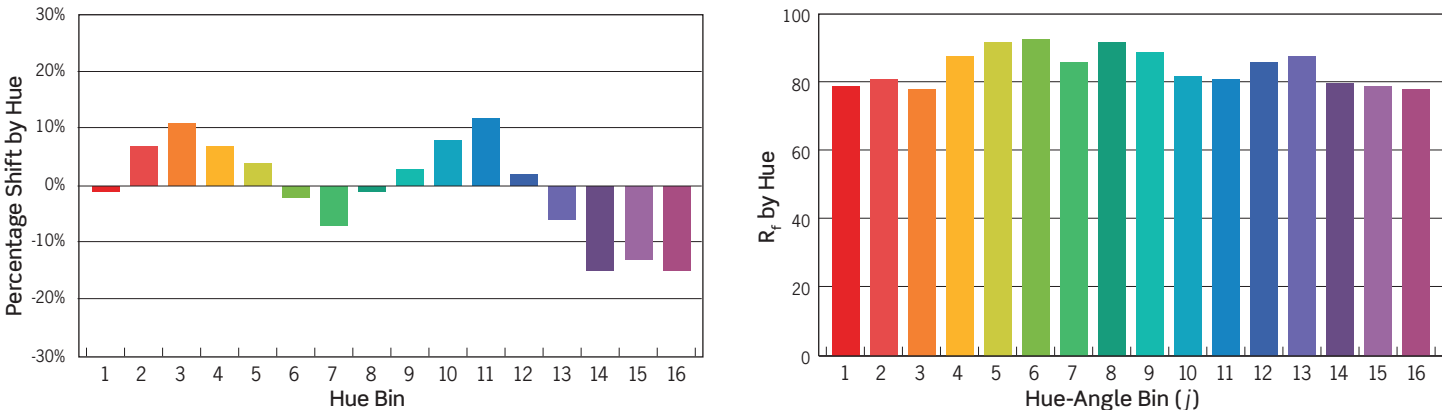
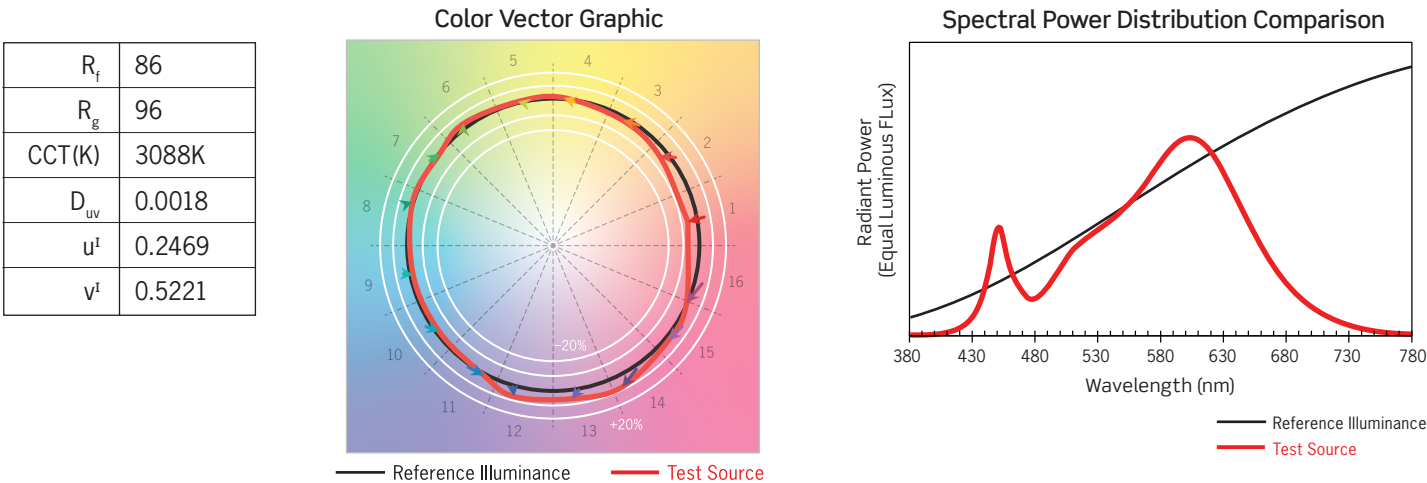
TRIM MULTIPLIERS		
C4304SQ-PL	C4304SQ-WHT	C4305SQ-WHT
0.88	0.89	0.58

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TM-30 DATA: R4ASQNC630K12DM / C4304SQ-CLR

ANSI/IES TM-30-18 Color Rendition Report Test No. S21072703

Colors are for visual orientation purposes only



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%	8%	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