

DATE

PROJECT

TYPE

SQL3 SERIES | 3-1/2-Inch Square Indoor/Outdoor Cylinders

PHOTOMETRICS

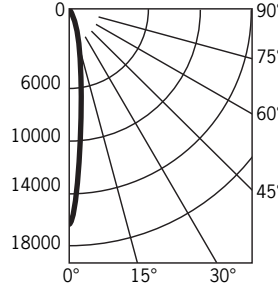
SQL3S330K12D1CS: Spot Optic

Fixture Delivered Lumens: 2246.98
 Total Watts@120V: 19.691
 Lumens Per Watt: 114.06
 Center Beam Candle Power: 16355
 Beam Distribution: 13.64°
 Spacing Criterion: 0.2996
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3059K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G24013103
 LM-79 Test No. S24020102

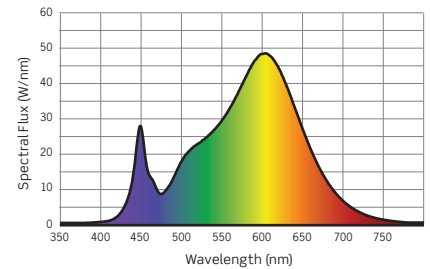
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	1022.2	0.96
6'	454.3	1.44
8'	255.5	1.91
10'	163.5	2.39
12'	113.6	2.87
14'	83.4	3.35

Candela Curve



Spectral Power Distribution Chart⁴



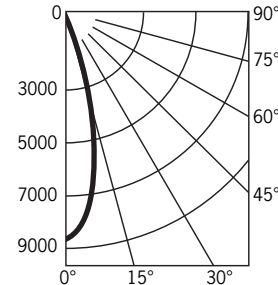
SQL3S330K12D1CM

Fixture Delivered Lumens: 2323.28
 Total Watts@120V: 19.742
 Lumens Per Watt: 117.933
 Center Beam Candle Power: 8621
 Beam Distribution: 28.47°
 Spacing Criterion: 0.4743
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3059K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G24013102
 LM-79 Test No. S24020102

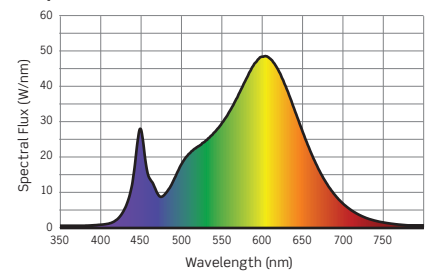
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	538.8	2.03
6'	239.5	3.04
8'	134.7	4.06
10'	86.2	5.07
12'	59.9	6.09
14'	44.0	7.10

Candela Curve



Spectral Power Distribution Chart⁴



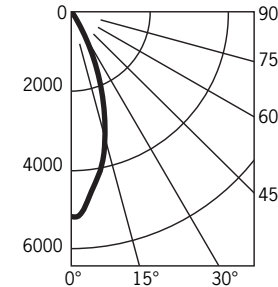
SQL3S330K12D1CF

Fixture Delivered Lumens: 2284.87
 Total Watts@120V: 19.691
 Lumens Per Watt: 115.983
 Center Beam Candle Power: 5158
 Beam Distribution: 38.81°
 Spacing Criterion: 0.6445
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3059K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G24013104
 LM-79 Test No. S24020102

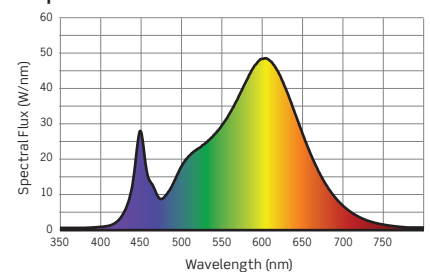
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	322.4	2.82
6'	143.3	4.23
8'	80.6	5.64
10'	51.6	7.05
12'	35.8	8.43
14'	26.3	9.86

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 CCT. To estimate lumen output of the various CCT/CRI options, multiply 3000K (80 CRI min) results by the following:

CCT	CCT MULTIPLIERS		OUTPUT MULTIPLIERS		
	STD CRI	HIGH CRI	10W	14W	WET LOCATION OPT.
2700K	0.949	0.842	0.54	0.744	0.972
3000K	N/A	0.872	0.54	0.744	0.972
3500K	1.02	0.895	0.54	0.744	0.972
4000K	1.04	0.916	0.54	0.744	0.972

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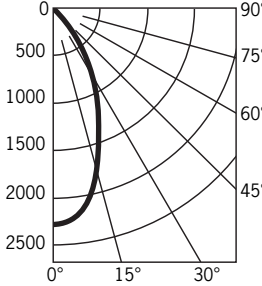
SQL3S330K12D1CWF: Wide Flood

Fixture Delivered Lumens: 1773.48
 Total Watts@120V: 19.70
 Lumens Per Watt: 90.0242
 Center Beam Candle Power: 2274
 Beam Distribution: 49.33°
 Spacing Criterion: 0.7939
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3059K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G24013105
 LM-79 Test No. S24020102

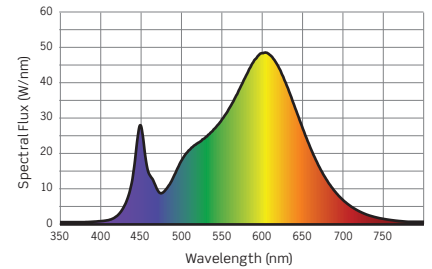
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	142.1	3.67
6 FT	63.2	5.51
8 FT	35.5	7.35
10 FT	22.7	9.18
12 FT	15.8	11.02
14 FT	11.6	12.86

Candela Curve



Spectral Power Distribution Chart⁴



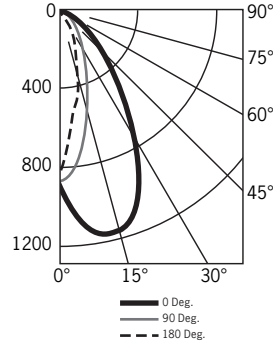
SQL3S330K12D1CWW: Wall Wash

Fixture Delivered Lumens: 899.574
 Total Watts@120V: 19.675
 Lumens Per Watt: 45.6637
 Center Beam Candle Power: 879
 Beam Distribution: 54.5°
 Spacing Criterion: 0.8331
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3059K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G24020101
 LM-79 Test No. S24020102

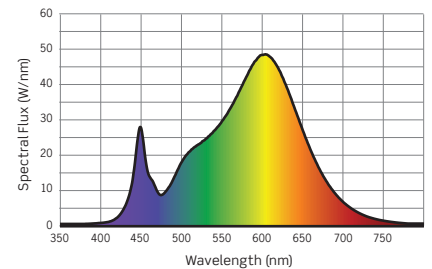
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	55.0	4.43
6 FT	24.4	6.65
8 FT	13.7	8.86
10 FT	8.8	11.08
12 FT	6.1	13.29
14 FT	4.5	15.51

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 CCT. To estimate lumen output of the various CCT/CRI options, multiply 3000K (80 CRI min) results by the following:

CCT	CCT MULTIPLIERS		OUTPUT MULTIPLIERS		
	STD CRI	HIGH CRI	10W	14W	WET LOCATION OPT.
2700K	0.935	0.703	0.59	0.78	0.94
3000K	N/A	0.754	0.59	0.78	0.94
3500K	1.0	0.812	0.59	0.78	0.94
4000K	1.0	0.870	0.59	0.78	0.94

BUG RATINGS

Not valid for Up/Down (U/D) or Wall Mount (W) when oriented as an Uplight

	REFLECTOR				
	SPOT	MEDIUM	FLOOD	WIDE FLOOD	WALL WASH ¹
10W	B1 U0 G0	B1 U0 G0	B1 U0 G0	B1 U0 G0	B0 U0 G0
14W	B1 U0 G0	B1 U0 G0	B1 U0 G0	B1 U0 G0	B1 U0 G0
20W	B2 U0 G0	B2 U0 G0	B2 U0 G0	B2 U0 G0	B0 U0 G0

1. Wall Wash Rating based on Reflector used as Forward Throw

DATE

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SQL3 SERIES | 3-1/2-Inch Square Indoor/Outdoor Cylinders

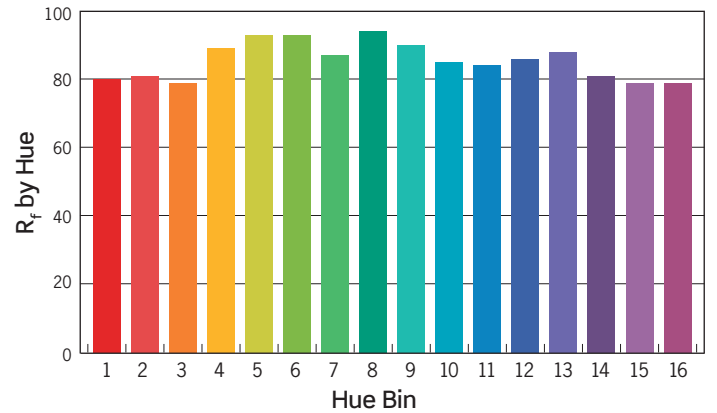
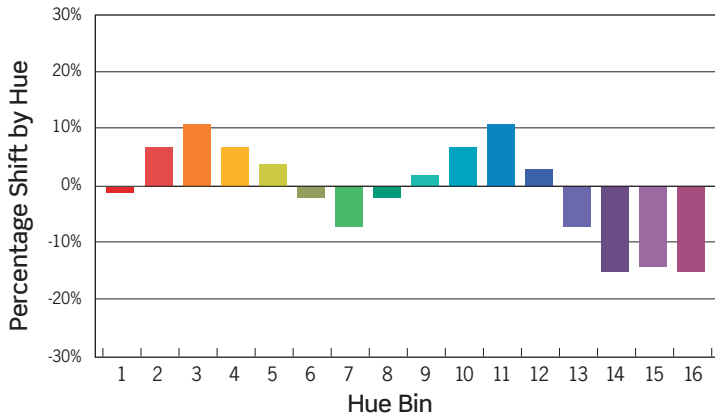
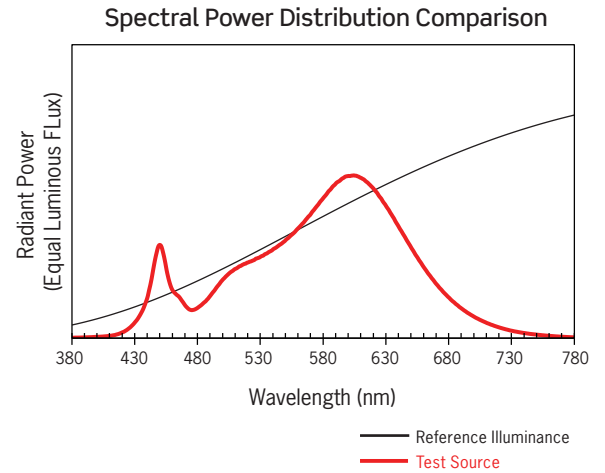
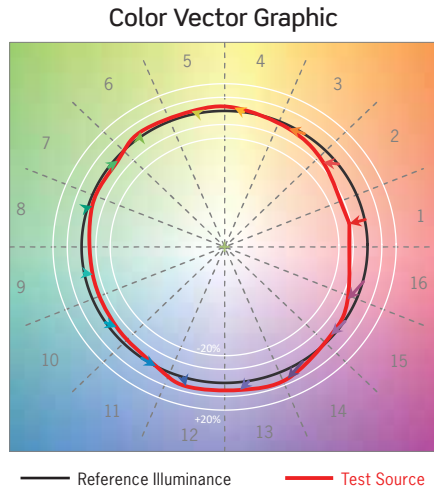
PHOTOMETRICS

TM-30 DATA: SQL3S330K12D1CM

ANSI/IES TM-30-18 Color Rendition Report Test No. S24020102

Colors are for visual orientation purposes only

R_f	86
R_g	96
CCT(K)	3059 K
D_{uv}	0.0000
u^I	0.2486
v^I	0.5202



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%	-2%	2%	7%	11%	3%	-7%	-15%	-14%	-15%
R_f VALUE	80	81	79	89	93	93	87	94	90	85	84	86	88	81	79	79

Colors are for visual orientation purposes only