

DATE

PROJECT

TYPE

SQL6 SERIES | 6 Inch Indoor/Outdoor Square Cylinders: Photometrics

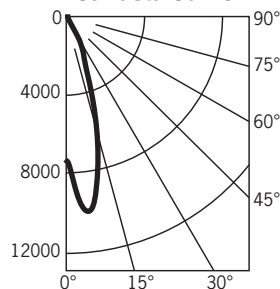
SQL6630KMVDCNCLR

Fixture Delivered Lumens: 4306.3
Total Watts@120V: 42.2
Lumens Per Watt: 102.0
Center Beam Candle Power: 7509
Beam Distribution: 35.0°
Spacing Criterion: 0.62
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3086K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G21091502
LM-79 Test No. S21081101

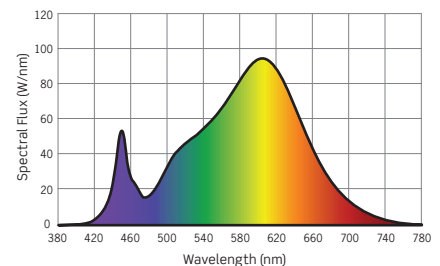
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	469.3	2.5
6 FT	208.6	3.8
8 FT	117.3	5.0
10 FT	75.1	6.3
12 FT	52.1	7.6
14 FT	38.3	8.8

Candela Curve



Spectral Power Distribution Chart⁴



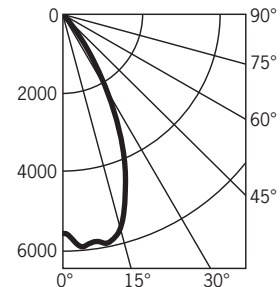
SQL6630KMVDCMCLR

Fixture Delivered Lumens: 4357.9
Total Watts@120V: 42.2
Lumens Per Watt: 103.3
Center Beam Candle Power: 5567
Beam Distribution: 53.7°
Spacing Criterion: 0.820
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3086K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G21091501
LM-79 Test No. S21081101

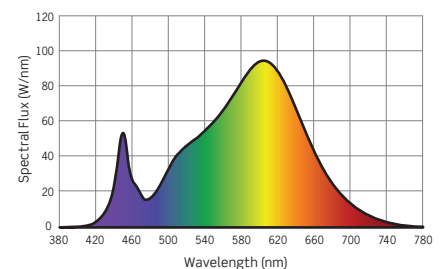
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	347.9	4.1
6 FT	154.6	6.1
8 FT	87.0	8.1
10 FT	55.7	10.1
12 FT	38.7	12.2
14 FT	28.4	14.2

Candela Curve



Spectral Power Distribution Chart⁴



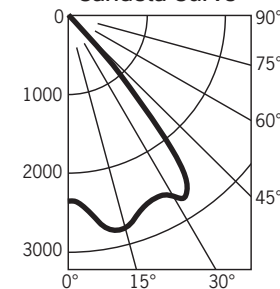
SQL6330KMVDCWCLR

Fixture Delivered Lumens: 4174.3
Total Watts@120V: 42.2
Lumens Per Watt: 98.9
Center Beam Candle Power: 2383
Beam Distribution: 79.8°
Spacing Criterion: 1.20
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3086K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G21091503
LM-79 Test No. S21081101

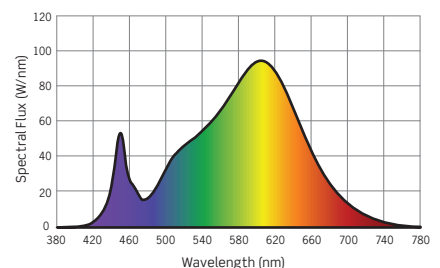
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	148.9	6.7
6 FT	66.2	10.0
8 FT	37.2	13.4
10 FT	23.8	16.7
12 FT	16.5	20.1
14 FT	12.2	23.4

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 these various options, multiply 3000K results by the following:

CCT MULTIPLIERS			OUTPUT MULTIPLIERS				
CCT	STD CRI	HIGH CRI	10W/SERIES 1	14W/SERIES 2	20W/SERIES 3	28W/SERIES 4	36W/SERIES 5
2700K	0.94	0.70	0.28	0.39	0.53	0.72	0.89
3000K	N/A	0.75					
3500K	1.0	0.81					
4000K	1.0	0.87					

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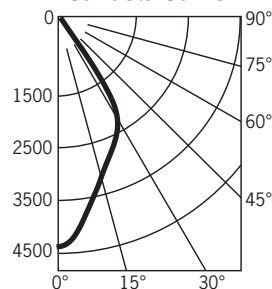
SQL6630KMVDCPL

Fixture Delivered Lumens: 3823.3
Total Watts@120V: 42.2
Lumens Per Watt: 90.6
Center Beam Candle Power: 4440
Beam Distribution: 63.1°
Spacing Criterion: 0.93
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3086K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G21091504
LM-79 Test No. S21081101

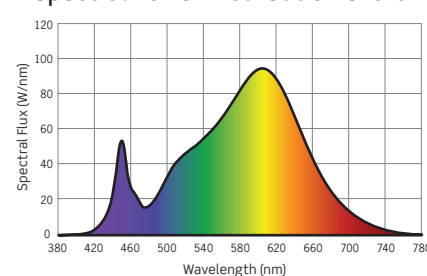
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	277.5	4.9
6 FT	123.3	7.4
8 FT	69.4	9.8
10 FT	44.4	12.3
12 FT	30.8	14.7
14 FT	22.7	17.2

Candela Curve



Spectral Power Distribution Chart⁴



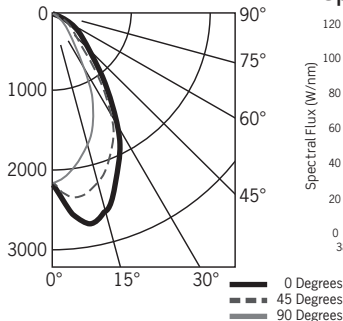
SQL6630KMVDCWW

Fixture Delivered Lumens: 2168.7
Total Watts@120V: 42.1
Lumens Per Watt: 51.5
Center Beam Candle Power: 2146
Beam Distribution: Wall Wash
Spacing Criterion: 0.81
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3086K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G21091601
LM-79 Test No. S21081101

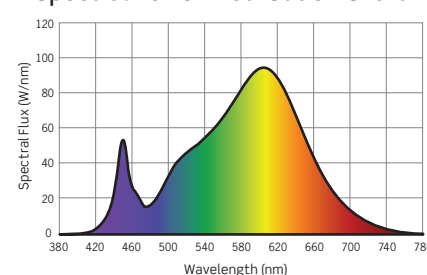
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	134.2	3.7
6 FT	59.6	5.6
8 FT	33.5	7.4
10 FT	21.5	9.3
12 FT	14.9	11.1
14 FT	11.0	13.0

Candela Curve



Spectral Power Distribution Chart⁴



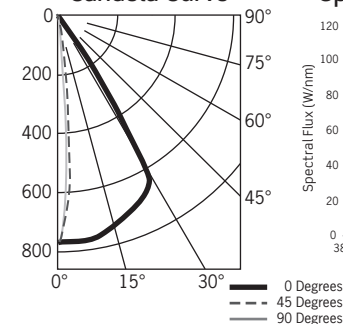
SQL6630KMVDCXPB

Fixture Delivered Lumens: 117.3
Total Watts@120V: 42.1
Lumens Per Watt: 2.8
Center Beam Candle Power: 766
Beam Distribution: 8.3°
Spacing Criterion: 0.99
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3086K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G22021602
LM-79 Test No. S21081101

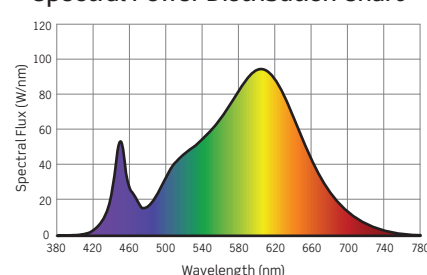
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	47.9	4.3
6 FT	21.3	6.4
8 FT	12.0	8.5
10 FT	7.7	10.6
12 FT	5.3	12.8
14 FT	3.9	14.9

Candela Curve



Spectral Power Distribution Chart⁴



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2700K	0.94	0.70	0.28	0.39	0.53	0.72	0.89
3000K	N/A	0.75					
3500K	1.0	0.81					
4000K	1.0	0.87					

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SQL6 SERIES | 6 Inch Indoor/Outdoor Square Cylinders: Photometrics

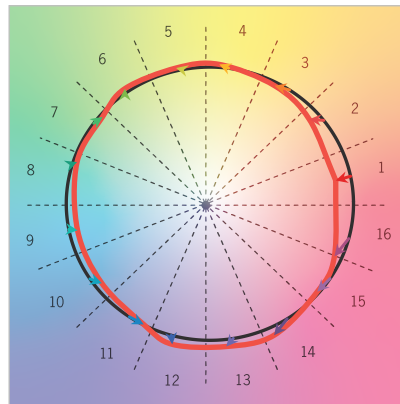
TM-30 DATA: SQL6630KMVDCMCLR

ANSI/IES TM-30-18 Color Rendition Report Test No. S21081101

Colors are for visual orientation purposes only

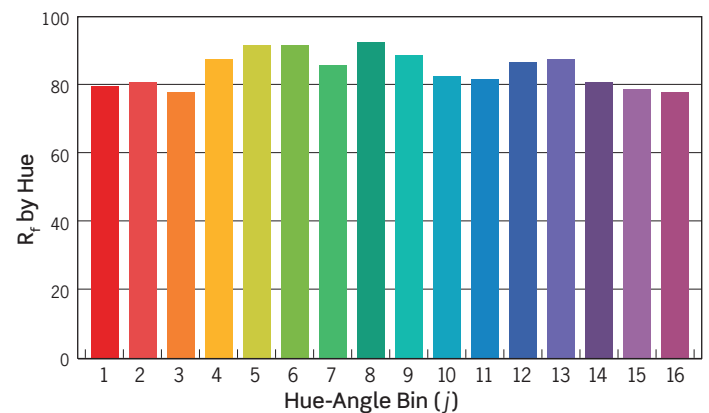
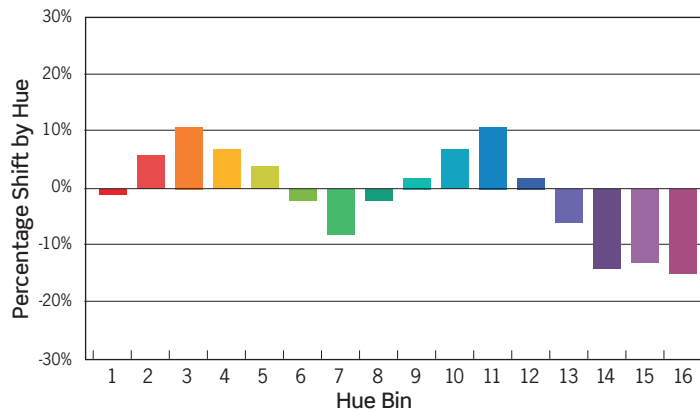
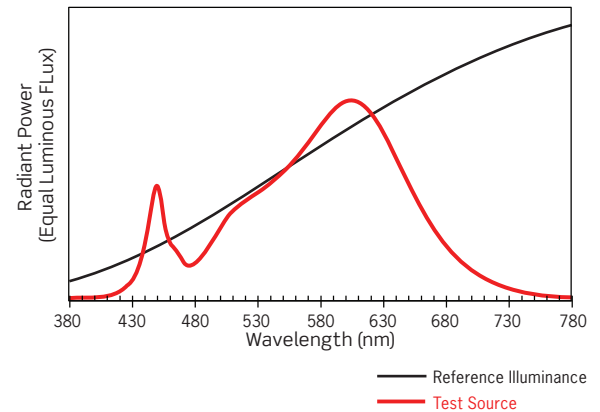
R_f	86
R_g	97
CCT(K)	3086K
D_{uv}	0.0017
u^l	0.2470
v^l	0.5220

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%	10%	7%	4%	-2%	-7%	-2%	2%	7%	11%	2%	-6%	-14%	-13%	-15%
R _f VALUE	81	83	80	89	93	93	88	94	91	84	83	88	89	82	80	80