

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P934325

Luminaire Tested: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934325
REPORT IS A COMBINATION OF REPORTS P933693 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

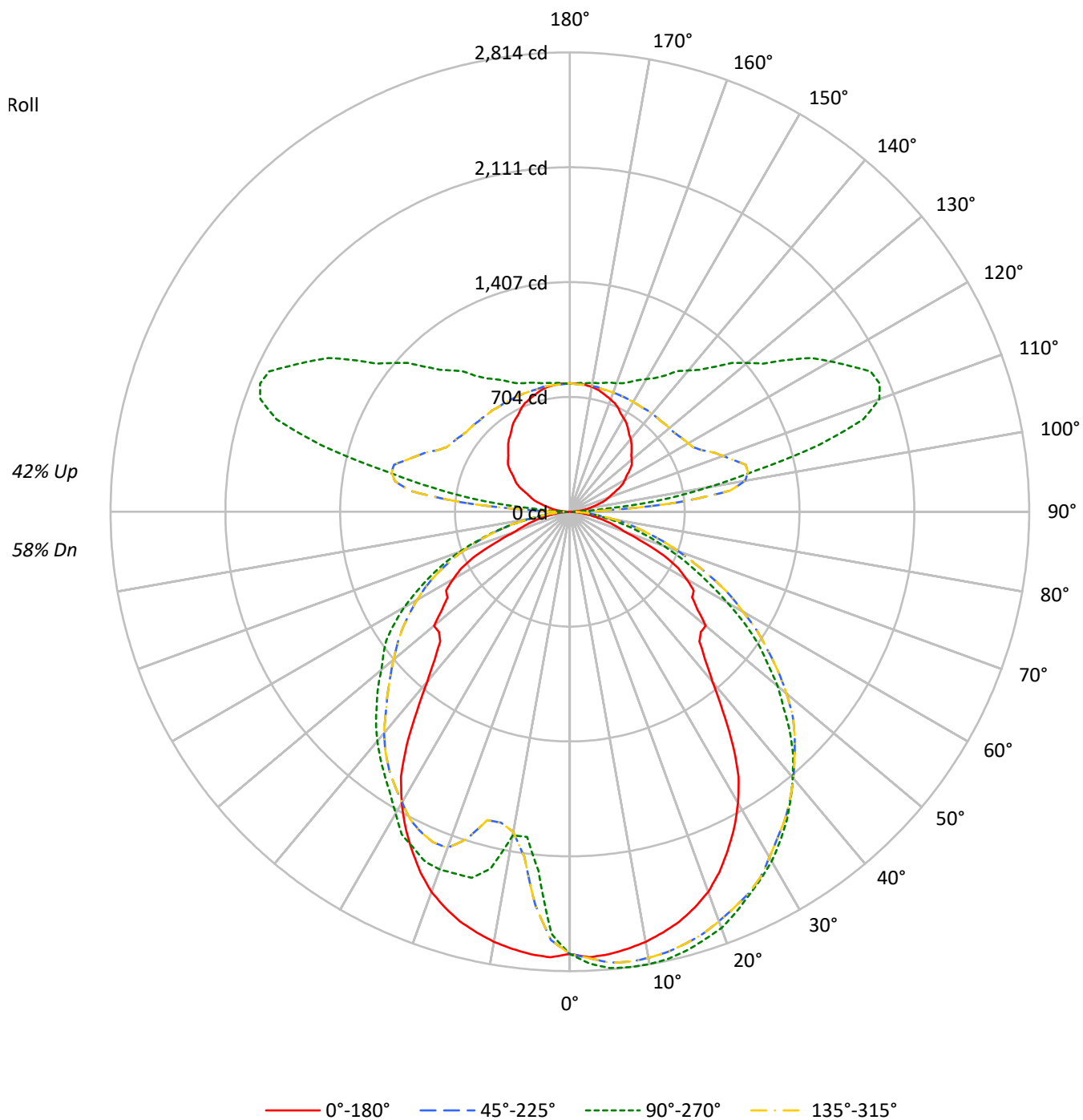
Lumens per Lamp: N/A
Luminaire Lumens: 12126.8 lumens
Efficiency: N/A
Efficacy: 111.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	109	109	109	109	102	102	102	102	88	88	88	75	75	75	63	63	63
1	100	95	91	88	93	89	86	83	77	75	72	66	64	63	56	55	54
2	91	83	77	72	84	78	72	68	68	63	60	58	55	52	49	47	45
3	83	73	66	60	77	68	62	57	60	55	50	51	48	44	44	41	39
4	76	65	57	51	70	61	54	48	53	47	43	46	41	38	39	36	33
5	70	58	49	43	65	54	47	41	47	42	37	41	37	33	35	32	29
6	64	52	44	38	60	49	41	36	43	37	32	37	32	29	32	28	25
7	59	47	39	33	55	44	37	31	39	33	28	34	29	25	29	25	23
8	55	42	35	29	51	40	33	28	35	29	25	31	26	23	27	23	20
9	51	39	31	26	48	37	30	25	32	27	23	28	24	20	25	21	18
10	48	36	28	23	45	34	27	22	30	24	20	26	22	18	23	19	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8378	8378	8378	8378
5°	8443	8457	8443	6649
10°	8390	8330	8390	5956
15°	8302	8150	8302	6805
20°	8132	7936	8132	6820
25°	7779	7624	7779	6675
30°	7323	7365	7323	6358
35°	6532	7038	6532	6009
40°	5446	6652	5446	5746
45°	4869	6201	4869	5442
50°	5177	5663	5177	5139
55°	4875	5083	4875	4962
60°	5032	4317	5032	4545
65°	4569	3568	4569	3989
70°	3171	2844	3171	3344
75°	2792	2102	2792	2517
80°	2266	1390	2266	1513
85°	1329	736	1329	626

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 7457 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	244.5	2.0
10°-20°	694.2	5.7
20°-30°	1073.1	8.8
30°-40°	1281.0	10.6
40°-50°	1288.5	10.6
50°-60°	1121.1	9.2
60°-70°	794.9	6.6
70°-80°	420.6	3.5
80°-90°	107.7	0.9
90°-100°	383.6	3.2
100°-110°	1008.4	8.3
110°-120°	1045.6	8.6
120°-130°	838.7	6.9
130°-140°	658.1	5.4
140°-150°	505.1	4.2
150°-160°	363.8	3.0
160°-170°	222.6	1.8
170°-180°	75.2	0.6
0°-30°	2011.7	16.6
0°-40°	3292.7	27.2
0°-60°	5702.4	47.0
0°-90°	7025.6	57.9
90°-120°	2437.7	20.1
90°-150°	4439.6	36.6
90°-180°	5101.0	42.1
0°-180°	12126.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2708	2708	2708	2708	2708	
5°	2721	2806	2721	2206	2721	258
15°	2598	2780	2598	2322	2598	731
25°	2288	2593	2288	2270	2288	1051
35°	1740	2314	1740	1976	1740	1076
45°	1122	1906	1122	1673	1122	899
55°	915	1407	915	1373	915	841
65°	636	848	636	948	636	607
75°	241	402	241	482	241	253
85°	41	102	41	87	41	55
90°	5	20	5	20	5	6
95°	51	232	51	232	51	56
105°	182	1579	182	1579	182	193
115°	323	2033	323	2033	323	319
125°	449	1619	449	1619	449	399
135°	535	1256	535	1256	535	414
145°	620	1019	620	1019	620	389
155°	701	878	701	878	701	322
165°	757	818	757	818	757	214
175°	787	792	787	792	787	75
180°	787	787	787	787	787	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2731.6	2731.6	2747.0	2752.1	2752.1	2744.4	2736.7	2744.4	2767.5	2775.1	2772.6
5°	2721.3	2741.8	2770.0	2775.1	2780.3	2777.7	2772.6	2777.7	2803.3	2808.5	2811.0
7.5°	2700.8	2739.3	2775.1	2782.8	2790.5	2782.8	2780.3	2785.4	2811.0	2816.1	2816.1
10°	2675.2	2729.0	2770.0	2775.1	2782.8	2775.1	2775.1	2785.4	2811.0	2816.1	2818.7
12.5°	2639.3	2713.7	2752.1	2757.2	2767.5	2764.9	2762.3	2772.6	2798.2	2803.3	2803.3
15°	2598.3	2685.5	2721.3	2726.5	2744.4	2739.3	2739.3	2749.5	2777.7	2785.4	2782.8
17.5°	2542.0	2649.6	2690.6	2698.3	2711.1	2708.5	2711.1	2721.3	2747.0	2752.1	2754.6
20°	2477.9	2600.9	2649.6	2657.3	2670.1	2670.1	2670.1	2682.9	2708.5	2718.8	2718.8
22.5°	2390.8	2549.7	2600.9	2606.0	2621.4	2621.4	2626.5	2644.5	2667.5	2670.1	2670.1
25°	2288.3	2493.3	2536.8	2552.2	2567.6	2575.3	2583.0	2593.2	2600.9	2598.3	2600.9
27.5°	2180.6	2421.5	2477.9	2488.2	2508.7	2516.3	2526.6	2529.2	2531.7	2539.4	2534.3
30°	2060.2	2321.6	2406.2	2416.4	2449.7	2454.8	2444.6	2449.7	2462.5	2467.7	2472.8
32.5°	1924.4	2172.9	2331.9	2354.9	2385.7	2370.3	2367.7	2375.4	2395.9	2395.9	2401.0
35°	1739.9	2057.6	2262.7	2283.2	2306.2	2288.3	2298.5	2301.1	2313.9	2321.6	2319.0
37.5°	1537.4	1957.7	2190.8	2206.2	2224.1	2201.1	2216.5	2224.1	2234.4	2229.3	2229.3
40°	1358.1	1801.4	2106.3	2116.5	2131.9	2114.0	2129.3	2134.5	2139.6	2134.5	2131.9
42.5°	1224.8	1629.7	2016.6	2029.4	2019.2	2032.0	2037.1	2047.3	2039.7	2029.4	2029.4
45°	1122.3	1583.6	1919.2	1934.6	1919.2	1939.7	1947.4	1947.4	1924.4	1919.2	1916.7
47.5°	1089.0	1491.3	1821.9	1821.9	1814.2	1839.8	1852.6	1834.7	1811.6	1803.9	1803.9
50°	1086.5	1388.8	1688.6	1678.4	1714.2	1745.0	1732.2	1714.2	1696.3	1668.1	1668.1
52.5°	986.5	1263.3	1516.9	1555.4	1611.7	1629.7	1609.2	1591.2	1560.5	1547.7	1537.4
55°	914.8	1132.6	1360.6	1437.5	1496.4	1519.5	1481.1	1463.1	1417.0	1409.3	1404.2
57.5°	899.4	943.0	1217.1	1314.5	1386.2	1383.7	1360.6	1327.3	1288.9	1281.2	1278.6
60°	825.1	681.6	1063.4	1178.7	1253.0	1245.3	1224.8	1194.1	1158.2	1153.1	1147.9
62.5°	748.2	494.5	889.1	1019.8	1124.9	1122.3	1104.4	1058.3	1032.6	1019.8	1009.6
65°	635.5	415.1	632.9	848.1	999.3	1004.5	966.0	932.7	904.5	889.1	886.6
67.5°	484.3	338.2	427.9	707.2	878.9	873.8	825.1	809.7	773.8	766.2	750.8
70°	358.7	225.5	297.2	574.0	761.0	748.2	709.8	691.8	658.5	640.6	630.3
72.5°	297.2	181.9	217.8	445.9	640.6	625.2	591.9	571.4	543.2	527.9	517.6
75°	240.9	192.2	166.6	330.5	520.2	509.9	479.2	458.7	435.6	415.1	417.7
77.5°	176.8	179.4	133.2	243.4	412.5	397.2	379.2	353.6	343.4	322.9	322.9
80°	133.2	140.9	99.9	166.6	297.2	297.2	281.9	263.9	246.0	235.7	235.7
82.5°	89.7	89.7	74.3	105.1	202.4	194.7	184.5	179.4	169.1	164.0	164.0
85°	41.0	51.2	46.1	64.1	110.2	115.3	115.3	110.2	107.6	102.5	105.1
87.5°	12.8	23.1	28.2	35.9	56.4	58.9	61.5	61.5	61.5	64.1	64.1
90°	5.3	9.5	13.8	14.8	23.2	34.5	40.1	35.7	26.7	20.1	20.1
92.5°	21.1	57.0	92.9	101.9	143.2	198.4	226.0	198.1	142.2	100.4	96.3
95°	50.7	116.4	182.2	198.6	352.6	558.0	660.7	589.5	447.3	340.6	328.5
97.5°	87.6	145.6	203.6	218.1	475.0	817.4	988.7	943.7	853.8	786.4	763.4
100°	116.2	168.8	221.3	234.5	519.5	899.5	1089.5	1092.8	1099.3	1104.3	1076.9
102.5°	140.5	189.5	238.6	250.9	539.9	925.4	1118.1	1175.3	1289.8	1375.7	1352.3
105°	181.7	223.2	264.7	275.1	555.0	928.3	1114.9	1243.3	1500.0	1692.6	1680.0
107.5°	224.0	262.6	301.4	311.1	557.9	887.0	1051.5	1230.6	1588.8	1857.5	1860.5
110°	252.5	287.4	322.4	331.1	553.6	850.4	998.7	1198.9	1599.4	1899.7	1912.8

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	280.4	313.7	347.0	355.4	553.8	818.3	950.6	1155.5	1565.4	1872.8	1892.9
115°	322.7	353.4	384.2	391.9	558.9	781.7	893.1	1090.5	1485.2	1781.4	1809.4
117.5°	364.4	392.3	420.2	427.2	569.3	758.7	853.4	1031.6	1387.9	1655.1	1686.1
120°	388.7	415.0	441.2	447.8	577.7	751.0	837.6	1000.4	1325.9	1570.1	1600.3
122.5°	412.5	439.0	465.5	472.2	589.9	746.9	825.4	972.0	1265.2	1485.1	1514.8
125°	448.9	473.1	497.3	503.3	606.3	743.6	812.3	936.8	1185.8	1372.6	1400.0
127.5°	478.5	502.9	527.3	533.4	622.7	741.6	801.2	908.1	1121.9	1282.3	1305.4
130°	494.4	520.7	546.9	553.5	634.6	742.8	797.0	892.1	1082.5	1225.2	1246.6
132.5°	510.7	537.0	563.3	569.9	644.4	743.6	793.2	878.5	1048.9	1176.6	1195.8
135°	535.0	558.9	582.9	588.8	654.9	742.9	786.9	858.3	1001.0	1108.1	1124.5
137.5°	559.8	583.5	607.3	613.2	670.7	747.5	785.9	846.2	966.9	1057.3	1070.8
140°	580.4	602.2	624.0	629.5	680.4	748.2	782.1	834.2	938.5	1016.7	1029.3
142.5°	596.3	616.4	636.7	641.7	688.5	750.9	782.1	827.9	919.5	988.1	999.0
145°	620.5	638.1	655.7	660.2	699.1	750.9	776.9	814.3	889.2	945.3	953.5
147.5°	644.9	661.9	679.1	683.4	714.6	756.2	776.9	806.4	865.3	909.5	916.3
150°	660.7	676.1	691.7	695.5	722.7	758.8	776.9	801.8	851.5	888.8	894.4
152.5°	677.1	688.8	700.6	703.5	728.0	760.6	776.9	798.2	840.6	872.5	876.7
155°	701.3	710.0	718.7	720.9	739.6	764.4	776.9	793.8	827.6	852.9	855.7
157.5°	719.3	727.8	736.2	738.3	751.2	768.4	776.9	790.1	816.3	836.0	838.0
160°	731.5	738.1	744.6	746.3	756.5	770.1	776.9	788.2	810.7	827.6	828.7
162.5°	743.6	748.6	753.5	754.7	762.1	772.0	776.9	786.4	805.4	819.6	820.6
165°	756.8	761.3	765.7	766.8	770.2	774.7	776.9	783.7	797.3	807.5	808.6
167.5°	769.0	771.0	773.2	773.7	776.5	780.2	782.1	786.6	795.5	802.2	802.7
170°	776.9	779.0	781.1	781.6	781.8	782.0	782.1	786.6	795.5	802.2	802.2
172.5°	781.1	781.5	782.0	782.1	782.1	782.1	782.1	785.6	792.7	798.0	797.6
175°	786.9	786.9	786.9	786.9	785.3	783.1	782.1	784.3	788.9	792.2	792.2
177.5°	786.9	786.9	786.9	786.9	785.7	784.1	783.2	785.0	788.5	791.2	790.7
180°	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9

TEST NUMBER: P934325

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2777.7	2770.0	2777.7	2772.6	2775.1	2767.5	2744.4	2736.7	2744.4	2752.1	2752.1
5°	2811.0	2805.9	2811.0	2811.0	2808.5	2803.3	2777.7	2772.6	2777.7	2780.3	2775.1
7.5°	2821.3	2813.6	2821.3	2816.1	2816.1	2811.0	2785.4	2780.3	2782.8	2790.5	2782.8
10°	2821.3	2813.6	2821.3	2818.7	2816.1	2811.0	2785.4	2775.1	2775.1	2782.8	2775.1
12.5°	2808.5	2803.3	2808.5	2803.3	2803.3	2798.2	2772.6	2762.3	2764.9	2767.5	2757.2
15°	2788.0	2780.3	2788.0	2782.8	2785.4	2777.7	2749.5	2739.3	2739.3	2744.4	2726.5
17.5°	2757.2	2747.0	2757.2	2754.6	2752.1	2747.0	2721.3	2711.1	2708.5	2711.1	2698.3
20°	2721.3	2713.7	2721.3	2718.8	2718.8	2708.5	2682.9	2670.1	2670.1	2670.1	2657.3
22.5°	2665.0	2657.3	2665.0	2670.1	2670.1	2667.5	2644.5	2626.5	2621.4	2621.4	2606.0
25°	2600.9	2593.2	2600.9	2600.9	2598.3	2600.9	2593.2	2583.0	2575.3	2567.6	2552.2
27.5°	2539.4	2534.3	2539.4	2534.3	2539.4	2531.7	2529.2	2526.6	2516.3	2508.7	2488.2
30°	2477.9	2472.8	2477.9	2472.8	2467.7	2462.5	2449.7	2444.6	2454.8	2449.7	2416.4
32.5°	2401.0	2395.9	2401.0	2401.0	2395.9	2395.9	2375.4	2367.7	2370.3	2385.7	2354.9
35°	2321.6	2313.9	2321.6	2319.0	2321.6	2313.9	2301.1	2298.5	2288.3	2306.2	2283.2
37.5°	2229.3	2221.6	2229.3	2229.3	2229.3	2234.4	2224.1	2216.5	2201.1	2224.1	2206.2
40°	2134.5	2124.2	2134.5	2131.9	2134.5	2139.6	2134.5	2129.3	2114.0	2131.9	2116.5
42.5°	2026.8	2024.3	2026.8	2029.4	2029.4	2039.7	2047.3	2037.1	2032.0	2019.2	2029.4
45°	1911.5	1906.4	1911.5	1916.7	1919.2	1924.4	1947.4	1947.4	1939.7	1919.2	1934.6
47.5°	1788.5	1775.7	1788.5	1803.9	1803.9	1811.6	1834.7	1852.6	1839.8	1814.2	1821.9
50°	1657.9	1660.4	1657.9	1668.1	1668.1	1696.3	1714.2	1732.2	1745.0	1714.2	1678.4
52.5°	1529.7	1527.2	1529.7	1537.4	1547.7	1560.5	1591.2	1609.2	1629.7	1611.7	1555.4
55°	1401.6	1406.7	1401.6	1404.2	1409.3	1417.0	1463.1	1481.1	1519.5	1496.4	1437.5
57.5°	1273.5	1265.8	1273.5	1278.6	1281.2	1288.9	1327.3	1360.6	1383.7	1386.2	1314.5
60°	1124.9	1114.6	1124.9	1147.9	1153.1	1158.2	1194.1	1224.8	1245.3	1253.0	1178.7
62.5°	994.2	976.3	994.2	1009.6	1019.8	1032.6	1058.3	1104.4	1122.3	1124.9	1019.8
65°	855.8	848.1	855.8	886.6	889.1	904.5	932.7	966.0	1004.5	999.3	848.1
67.5°	730.3	730.3	730.3	750.8	766.2	773.8	809.7	825.1	873.8	878.9	707.2
70°	615.0	612.4	615.0	630.3	640.6	658.5	691.8	709.8	748.2	761.0	574.0
72.5°	504.8	502.2	504.8	517.6	527.9	543.2	571.4	591.9	625.2	640.6	445.9
75°	407.4	402.3	407.4	417.7	415.1	435.6	458.7	479.2	509.9	520.2	330.5
77.5°	312.6	312.6	312.6	322.9	322.9	343.4	353.6	379.2	397.2	412.5	243.4
80°	233.2	230.6	233.2	235.7	235.7	246.0	263.9	281.9	297.2	297.2	166.6
82.5°	164.0	158.9	164.0	164.0	164.0	169.1	179.4	184.5	194.7	202.4	105.1
85°	102.5	102.5	102.5	105.1	102.5	107.6	110.2	115.3	115.3	110.2	64.1
87.5°	66.6	64.1	66.6	64.1	64.1	61.5	61.5	61.5	58.9	56.4	35.9
90°	20.1	20.1	20.1	20.1	20.1	26.7	35.7	40.1	34.5	23.2	14.8
92.5°	80.4	64.4	80.4	96.3	100.4	142.2	198.1	226.0	198.4	143.2	101.9
95°	280.2	231.8	280.2	328.5	340.6	447.3	589.5	660.7	558.0	352.6	198.6
97.5°	671.3	579.4	671.3	763.4	786.4	853.8	943.7	988.7	817.4	475.0	218.1
100°	967.3	857.7	967.3	1076.9	1104.3	1099.3	1092.8	1089.5	899.5	519.5	234.5
102.5°	1258.4	1164.5	1258.4	1352.3	1375.7	1289.8	1175.3	1118.1	925.4	539.9	250.9
105°	1629.6	1579.1	1629.6	1680.0	1692.6	1500.0	1243.3	1114.9	928.3	555.0	275.1
107.5°	1872.7	1884.9	1872.7	1860.5	1857.5	1588.8	1230.6	1051.5	887.0	557.9	311.1
110°	1965.3	2018.0	1965.3	1912.8	1899.7	1599.4	1198.9	998.7	850.4	553.6	331.1

TEST NUMBER: P934325

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1973.7	2054.4	1973.7	1892.9	1872.8	1565.4	1155.5	950.6	818.3	553.8	355.4
115°	1921.4	2033.3	1921.4	1809.4	1781.4	1485.2	1090.5	893.1	781.7	558.9	391.9
117.5°	1810.3	1934.5	1810.3	1686.1	1655.1	1387.9	1031.6	853.4	758.7	569.3	427.2
120°	1721.0	1841.6	1721.0	1600.3	1570.1	1325.9	1000.4	837.6	751.0	577.7	447.8
122.5°	1633.9	1752.8	1633.9	1514.8	1485.1	1265.2	972.0	825.4	746.9	589.9	472.2
125°	1509.6	1619.3	1509.6	1400.0	1372.6	1185.8	936.8	812.3	743.6	606.3	503.3
127.5°	1397.9	1490.4	1397.9	1305.4	1282.3	1121.9	908.1	801.2	741.6	622.7	533.4
130°	1332.1	1417.5	1332.1	1246.6	1225.2	1082.5	892.1	797.0	742.8	634.6	553.5
132.5°	1272.3	1348.8	1272.3	1195.8	1176.6	1048.9	878.5	793.2	743.6	644.4	569.9
135°	1190.5	1256.4	1190.5	1124.5	1108.1	1001.0	858.3	786.9	742.9	654.9	588.8
137.5°	1124.8	1178.8	1124.8	1070.8	1057.3	966.9	846.2	785.9	747.5	670.7	613.2
140°	1079.7	1130.2	1079.7	1029.3	1016.7	938.5	834.2	782.1	748.2	680.4	629.5
142.5°	1042.5	1085.9	1042.5	999.0	988.1	919.5	827.9	782.1	750.9	688.5	641.7
145°	986.4	1019.3	986.4	953.5	945.3	889.2	814.3	776.9	750.9	699.1	660.2
147.5°	943.5	970.7	943.5	916.3	909.5	865.3	806.4	776.9	756.2	714.6	683.4
150°	916.4	938.5	916.4	894.4	888.8	851.5	801.8	776.9	758.8	722.7	695.5
152.5°	893.3	910.0	893.3	876.7	872.5	840.6	798.2	776.9	760.6	728.0	703.5
155°	866.8	877.8	866.8	855.7	852.9	827.6	793.8	776.9	764.4	739.6	720.9
157.5°	845.7	853.4	845.7	838.0	836.0	816.3	790.1	776.9	768.4	751.2	738.3
160°	833.2	837.6	833.2	828.7	827.6	810.7	788.2	776.9	770.1	756.5	746.3
162.5°	824.9	829.2	824.9	820.6	819.6	805.4	786.4	776.9	772.0	762.1	754.7
165°	813.1	817.6	813.1	808.6	807.5	797.3	783.7	776.9	774.7	770.2	766.8
167.5°	804.6	806.5	804.6	802.7	802.2	795.5	786.6	782.1	780.2	776.5	773.7
170°	802.2	802.2	802.2	802.2	802.2	795.5	786.6	782.1	782.0	781.8	781.6
172.5°	796.0	794.3	796.0	797.6	798.0	792.7	785.6	782.1	782.1	782.1	782.1
175°	792.2	792.2	792.2	792.2	792.2	788.9	784.3	782.1	783.1	785.3	786.9
177.5°	788.8	786.9	788.8	790.7	791.2	788.5	785.0	783.2	784.1	785.7	786.9
180°	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9

TEST NUMBER: P934325

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2747.0	2731.6	2731.6	2706.0	2695.7	2688.0	2675.2	2636.8	2626.5	2616.3	2631.7
5°	2770.0	2741.8	2721.3	2675.2	2636.8	2621.4	2572.7	2480.5	2419.0	2372.9	2347.2
7.5°	2775.1	2739.3	2700.8	2629.1	2536.8	2495.8	2347.2	2178.0	2131.9	2090.9	2065.3
10°	2770.0	2729.0	2675.2	2567.6	2349.8	2278.0	2129.3	2019.2	1991.0	1983.3	1991.0
12.5°	2752.1	2713.7	2639.3	2460.0	2155.0	2106.3	2019.2	1955.1	1950.0	1962.8	2032.0
15°	2721.3	2685.5	2598.3	2316.5	2047.3	2011.5	1950.0	1926.9	1955.1	2044.8	2252.3
17.5°	2690.6	2649.6	2542.0	2175.5	1965.3	1939.7	1896.2	1942.3	2101.2	2221.6	2290.9
20°	2649.6	2600.9	2477.9	2073.0	1906.4	1883.4	1862.9	2070.4	2190.8	2234.4	2272.9
22.5°	2600.9	2549.7	2390.8	2001.2	1844.9	1827.0	1839.8	2142.2	2190.8	2221.6	2254.9
25°	2536.8	2493.3	2288.3	1944.8	1796.2	1775.7	1824.4	2134.5	2162.7	2170.3	2237.0
27.5°	2477.9	2421.5	2180.6	1893.6	1737.3	1729.6	1837.2	2101.2	2121.7	2129.3	2201.1
30°	2406.2	2321.6	2060.2	1839.8	1675.8	1673.2	1839.8	2060.2	2055.0	2075.5	2147.3
32.5°	2331.9	2172.9	1924.4	1773.2	1616.9	1614.3	1821.9	1998.7	1993.5	2021.7	2075.5
35°	2262.7	2057.6	1739.9	1696.3	1542.6	1545.1	1778.3	1926.9	1929.5	1955.1	1988.4
37.5°	2190.8	1957.7	1537.4	1611.7	1470.8	1470.8	1719.4	1860.3	1855.2	1862.9	1909.0
40°	2106.3	1801.4	1358.1	1501.6	1404.2	1396.5	1647.6	1788.5	1770.6	1768.0	1832.1
42.5°	2016.6	1629.7	1224.8	1355.5	1327.3	1317.1	1560.5	1701.4	1668.1	1675.8	1757.8
45°	1919.2	1583.6	1122.3	1145.4	1247.9	1240.2	1465.7	1601.5	1578.4	1598.9	1683.5
47.5°	1821.9	1491.3	1089.0	950.6	1163.3	1160.8	1360.6	1504.1	1491.3	1511.8	1601.5
50°	1688.6	1388.8	1086.5	814.8	1068.5	1078.8	1235.1	1409.3	1409.3	1427.2	1522.1
52.5°	1516.9	1263.3	986.5	738.0	958.3	989.1	1124.9	1327.3	1332.4	1350.4	1434.9
55°	1360.6	1132.6	914.8	679.0	827.7	894.3	1017.3	1242.8	1253.0	1270.9	1347.8
57.5°	1217.1	943.0	899.4	609.8	707.2	771.3	922.5	1160.8	1165.9	1181.3	1255.6
60°	1063.4	681.6	825.1	535.5	602.2	650.8	835.3	1063.4	1081.3	1091.6	1155.6
62.5°	889.1	494.5	748.2	484.3	550.9	561.2	763.6	971.1	994.2	1001.9	1040.3
65°	632.9	415.1	635.5	440.7	497.1	499.7	686.7	876.3	896.8	909.6	937.8
67.5°	427.9	338.2	484.3	399.7	456.1	458.7	612.4	766.2	794.3	804.6	822.5
70°	297.2	225.5	358.7	356.2	410.0	415.1	533.0	666.2	691.8	699.5	709.8
72.5°	217.8	181.9	297.2	320.3	361.3	366.4	451.0	553.5	579.1	586.8	591.9
75°	166.6	192.2	240.9	279.3	307.5	310.0	369.0	451.0	468.9	474.0	476.6
77.5°	133.2	179.4	176.8	225.5	251.1	246.0	289.5	348.5	363.9	363.9	363.9
80°	99.9	140.9	133.2	161.4	184.5	179.4	207.6	248.6	253.7	258.8	256.2
82.5°	74.3	89.7	89.7	102.5	123.0	117.9	138.4	161.4	161.4	161.4	166.6
85°	46.1	51.2	41.0	53.8	69.2	66.6	76.9	87.1	89.7	89.7	84.6
87.5°	28.2	23.1	12.8	20.5	30.7	30.7	35.9	38.4	35.9	35.9	35.9
90°	13.8	9.5	5.3	9.5	13.8	14.8	23.2	34.5	40.1	35.7	26.7
92.5°	92.9	57.0	21.1	57.0	92.9	101.9	143.2	198.4	226.0	198.1	142.2
95°	182.2	116.4	50.7	116.4	182.2	198.6	352.6	558.0	660.7	589.5	447.3
97.5°	203.6	145.6	87.6	145.6	203.6	218.1	475.0	817.4	988.7	943.7	853.8
100°	221.3	168.8	116.2	168.8	221.3	234.5	519.5	899.5	1089.5	1092.8	1099.3
102.5°	238.6	189.5	140.5	189.5	238.6	250.9	539.9	925.4	1118.1	1175.3	1289.8
105°	264.7	223.2	181.7	223.2	264.7	275.1	555.0	928.3	1114.9	1243.3	1500.0
107.5°	301.4	262.6	224.0	262.6	301.4	311.1	557.9	887.0	1051.5	1230.6	1588.8
110°	322.4	287.4	252.5	287.4	322.4	331.1	553.6	850.4	998.7	1198.9	1599.4

TEST NUMBER: P934325

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	347.0	313.7	280.4	313.7	347.0	355.4	553.8	818.3	950.6	1155.5	1565.4
115°	384.2	353.4	322.7	353.4	384.2	391.9	558.9	781.7	893.1	1090.5	1485.2
117.5°	420.2	392.3	364.4	392.3	420.2	427.2	569.3	758.7	853.4	1031.6	1387.9
120°	441.2	415.0	388.7	415.0	441.2	447.8	577.7	751.0	837.6	1000.4	1325.9
122.5°	465.5	439.0	412.5	439.0	465.5	472.2	589.9	746.9	825.4	972.0	1265.2
125°	497.3	473.1	448.9	473.1	497.3	503.3	606.3	743.6	812.3	936.8	1185.8
127.5°	527.3	502.9	478.5	502.9	527.3	533.4	622.7	741.6	801.2	908.1	1121.9
130°	546.9	520.7	494.4	520.7	546.9	553.5	634.6	742.8	797.0	892.1	1082.5
132.5°	563.3	537.0	510.7	537.0	563.3	569.9	644.4	743.6	793.2	878.5	1048.9
135°	582.9	558.9	535.0	558.9	582.9	588.8	654.9	742.9	786.9	858.3	1001.0
137.5°	607.3	583.5	559.8	583.5	607.3	613.2	670.7	747.5	785.9	846.2	966.9
140°	624.0	602.2	580.4	602.2	624.0	629.5	680.4	748.2	782.1	834.2	938.5
142.5°	636.7	616.4	596.3	616.4	636.7	641.7	688.5	750.9	782.1	827.9	919.5
145°	655.7	638.1	620.5	638.1	655.7	660.2	699.1	750.9	776.9	814.3	889.2
147.5°	679.1	661.9	644.9	661.9	679.1	683.4	714.6	756.2	776.9	806.4	865.3
150°	691.7	676.1	660.7	676.1	691.7	695.5	722.7	758.8	776.9	801.8	851.5
152.5°	700.6	688.8	677.1	688.8	700.6	703.5	728.0	760.6	776.9	798.2	840.6
155°	718.7	710.0	701.3	710.0	718.7	720.9	739.6	764.4	776.9	793.8	827.6
157.5°	736.2	727.8	719.3	727.8	736.2	738.3	751.2	768.4	776.9	790.1	816.3
160°	744.6	738.1	731.5	738.1	744.6	746.3	756.5	770.1	776.9	788.2	810.7
162.5°	753.5	748.6	743.6	748.6	753.5	754.7	762.1	772.0	776.9	786.4	805.4
165°	765.7	761.3	756.8	761.3	765.7	766.8	770.2	774.7	776.9	783.7	797.3
167.5°	773.2	771.0	769.0	771.0	773.2	773.7	776.5	780.2	782.1	786.6	795.5
170°	781.1	779.0	776.9	779.0	781.1	781.6	781.8	782.0	782.1	786.6	795.5
172.5°	782.0	781.5	781.1	781.5	782.0	782.1	782.1	782.1	782.1	785.6	792.7
175°	786.9	786.9	786.9	786.9	786.9	786.9	785.3	783.1	782.1	784.3	788.9
177.5°	786.9	786.9	786.9	786.9	786.9	786.9	785.7	784.1	783.2	785.0	788.5
180°	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9

TEST NUMBER: P934325

CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2613.7	2606.0	2616.3	2588.1	2616.3	2606.0	2613.7	2631.7	2616.3	2626.5	2636.8
5°	2293.4	2280.6	2239.5	2206.2	2239.5	2280.6	2293.4	2347.2	2372.9	2419.0	2480.5
7.5°	2049.9	2039.7	2029.4	2008.9	2029.4	2039.7	2049.9	2065.3	2090.9	2131.9	2178.0
10°	1996.1	1998.7	2014.0	2011.5	2014.0	1998.7	1996.1	1991.0	1983.3	1991.0	2019.2
12.5°	2134.5	2157.5	2242.1	2237.0	2242.1	2157.5	2134.5	2032.0	1962.8	1950.0	1955.1
15°	2293.4	2301.1	2319.0	2321.6	2319.0	2301.1	2293.4	2252.3	2044.8	1955.1	1926.9
17.5°	2308.8	2311.4	2324.2	2324.2	2324.2	2311.4	2308.8	2290.9	2221.6	2101.2	1942.3
20°	2296.0	2301.1	2326.7	2331.9	2326.7	2301.1	2296.0	2272.9	2234.4	2190.8	2070.4
22.5°	2290.9	2301.1	2321.6	2319.0	2321.6	2301.1	2290.9	2254.9	2221.6	2190.8	2142.2
25°	2265.2	2265.2	2267.8	2270.4	2267.8	2265.2	2265.2	2237.0	2170.3	2162.7	2134.5
27.5°	2211.3	2216.5	2231.8	2229.3	2231.8	2216.5	2211.3	2201.1	2129.3	2121.7	2101.2
30°	2162.7	2157.5	2144.7	2134.5	2144.7	2157.5	2162.7	2147.3	2075.5	2055.0	2060.2
32.5°	2080.7	2067.8	2055.0	2047.3	2055.0	2067.8	2080.7	2075.5	2021.7	1993.5	1998.7
35°	1983.3	1985.8	1983.3	1975.6	1983.3	1985.8	1983.3	1988.4	1955.1	1929.5	1926.9
37.5°	1914.1	1919.2	1916.7	1906.4	1916.7	1919.2	1914.1	1909.0	1862.9	1855.2	1860.3
40°	1842.4	1844.9	1842.4	1834.7	1842.4	1844.9	1842.4	1832.1	1768.0	1770.6	1788.5
42.5°	1773.2	1770.6	1762.9	1757.8	1762.9	1770.6	1773.2	1757.8	1675.8	1668.1	1701.4
45°	1693.7	1696.3	1680.9	1673.2	1680.9	1696.3	1693.7	1683.5	1598.9	1578.4	1601.5
47.5°	1614.3	1614.3	1601.5	1593.8	1601.5	1614.3	1614.3	1601.5	1511.8	1491.3	1504.1
50°	1529.7	1527.2	1509.2	1506.7	1509.2	1527.2	1529.7	1522.1	1427.2	1409.3	1409.3
52.5°	1432.4	1432.4	1434.9	1440.1	1434.9	1432.4	1432.4	1434.9	1350.4	1332.4	1327.3
55°	1347.8	1350.4	1368.3	1373.4	1368.3	1350.4	1347.8	1347.8	1270.9	1253.0	1242.8
57.5°	1260.7	1260.7	1273.5	1273.5	1273.5	1260.7	1260.7	1255.6	1181.3	1165.9	1160.8
60°	1160.8	1165.9	1176.1	1173.6	1176.1	1165.9	1160.8	1155.6	1091.6	1081.3	1063.4
62.5°	1055.7	1060.8	1063.4	1058.3	1063.4	1060.8	1055.7	1040.3	1001.9	994.2	971.1
65°	945.5	950.6	953.2	948.1	953.2	950.6	945.5	937.8	909.6	896.8	876.3
67.5°	832.8	830.2	827.7	837.9	827.7	830.2	832.8	822.5	804.6	794.3	766.2
70°	717.5	717.5	714.9	720.0	714.9	717.5	717.5	709.8	699.5	691.8	666.2
72.5°	594.5	591.9	602.2	594.5	602.2	591.9	594.5	591.9	586.8	579.1	553.5
75°	474.0	479.2	474.0	481.7	474.0	479.2	474.0	476.6	474.0	468.9	451.0
77.5°	361.3	366.4	361.3	361.3	361.3	366.4	361.3	363.9	363.9	363.9	348.5
80°	256.2	253.7	253.7	251.1	253.7	253.7	256.2	256.2	258.8	253.7	248.6
82.5°	164.0	161.4	161.4	166.6	161.4	161.4	164.0	166.6	161.4	161.4	161.4
85°	89.7	92.2	87.1	87.1	87.1	92.2	89.7	84.6	89.7	89.7	87.1
87.5°	33.3	30.7	30.7	30.7	30.7	30.7	33.3	35.9	35.9	35.9	38.4
90°	20.1	20.1	20.1	20.1	20.1	20.1	20.1	26.7	35.7	40.1	34.5
92.5°	100.4	96.3	80.4	64.4	80.4	96.3	100.4	142.2	198.1	226.0	198.4
95°	340.6	328.5	280.2	231.8	280.2	328.5	340.6	447.3	589.5	660.7	558.0
97.5°	786.4	763.4	671.3	579.4	671.3	763.4	786.4	853.8	943.7	988.7	817.4
100°	1104.3	1076.9	967.3	857.7	967.3	1076.9	1104.3	1099.3	1092.8	1089.5	899.5
102.5°	1375.7	1352.3	1258.4	1164.5	1258.4	1352.3	1375.7	1289.8	1175.3	1118.1	925.4
105°	1692.6	1680.0	1629.6	1579.1	1629.6	1680.0	1692.6	1500.0	1243.3	1114.9	928.3
107.5°	1857.5	1860.5	1872.7	1884.9	1872.7	1860.5	1857.5	1588.8	1230.6	1051.5	887.0
110°	1899.7	1912.8	1965.3	2018.0	1965.3	1912.8	1899.7	1599.4	1198.9	998.7	850.4

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1872.8	1892.9	1973.7	2054.4	1973.7	1892.9	1872.8	1565.4	1155.5	950.6	818.3
115°	1781.4	1809.4	1921.4	2033.3	1921.4	1809.4	1781.4	1485.2	1090.5	893.1	781.7
117.5°	1655.1	1686.1	1810.3	1934.5	1810.3	1686.1	1655.1	1387.9	1031.6	853.4	758.7
120°	1570.1	1600.3	1721.0	1841.6	1721.0	1600.3	1570.1	1325.9	1000.4	837.6	751.0
122.5°	1485.1	1514.8	1633.9	1752.8	1633.9	1514.8	1485.1	1265.2	972.0	825.4	746.9
125°	1372.6	1400.0	1509.6	1619.3	1509.6	1400.0	1372.6	1185.8	936.8	812.3	743.6
127.5°	1282.3	1305.4	1397.9	1490.4	1397.9	1305.4	1282.3	1121.9	908.1	801.2	741.6
130°	1225.2	1246.6	1332.1	1417.5	1332.1	1246.6	1225.2	1082.5	892.1	797.0	742.8
132.5°	1176.6	1195.8	1272.3	1348.8	1272.3	1195.8	1176.6	1048.9	878.5	793.2	743.6
135°	1108.1	1124.5	1190.5	1256.4	1190.5	1124.5	1108.1	1001.0	858.3	786.9	742.9
137.5°	1057.3	1070.8	1124.8	1178.8	1124.8	1070.8	1057.3	966.9	846.2	785.9	747.5
140°	1016.7	1029.3	1079.7	1130.2	1079.7	1029.3	1016.7	938.5	834.2	782.1	748.2
142.5°	988.1	999.0	1042.5	1085.9	1042.5	999.0	988.1	919.5	827.9	782.1	750.9
145°	945.3	953.5	986.4	1019.3	986.4	953.5	945.3	889.2	814.3	776.9	750.9
147.5°	909.5	916.3	943.5	970.7	943.5	916.3	909.5	865.3	806.4	776.9	756.2
150°	888.8	894.4	916.4	938.5	916.4	894.4	888.8	851.5	801.8	776.9	758.8
152.5°	872.5	876.7	893.3	910.0	893.3	876.7	872.5	840.6	798.2	776.9	760.6
155°	852.9	855.7	866.8	877.8	866.8	855.7	852.9	827.6	793.8	776.9	764.4
157.5°	836.0	838.0	845.7	853.4	845.7	838.0	836.0	816.3	790.1	776.9	768.4
160°	827.6	828.7	833.2	837.6	833.2	828.7	827.6	810.7	788.2	776.9	770.1
162.5°	819.6	820.6	824.9	829.2	824.9	820.6	819.6	805.4	786.4	776.9	772.0
165°	807.5	808.6	813.1	817.6	813.1	808.6	807.5	797.3	783.7	776.9	774.7
167.5°	802.2	802.7	804.6	806.5	804.6	802.7	802.2	795.5	786.6	782.1	780.2
170°	802.2	802.2	802.2	802.2	802.2	802.2	802.2	795.5	786.6	782.1	782.0
172.5°	798.0	797.6	796.0	794.3	796.0	797.6	798.0	792.7	785.6	782.1	782.1
175°	792.2	792.2	792.2	792.2	792.2	792.2	792.2	788.9	784.3	782.1	783.1
177.5°	791.2	790.7	788.8	786.9	788.8	790.7	791.2	788.5	785.0	783.2	784.1
180°	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9	786.9

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2675.2	2688.0	2695.7	2706.0	2731.6
5°	2572.7	2621.4	2636.8	2675.2	2721.3
7.5°	2347.2	2495.8	2536.8	2629.1	2700.8
10°	2129.3	2278.0	2349.8	2567.6	2675.2
12.5°	2019.2	2106.3	2155.0	2460.0	2639.3
15°	1950.0	2011.5	2047.3	2316.5	2598.3
17.5°	1896.2	1939.7	1965.3	2175.5	2542.0
20°	1862.9	1883.4	1906.4	2073.0	2477.9
22.5°	1839.8	1827.0	1844.9	2001.2	2390.8
25°	1824.4	1775.7	1796.2	1944.8	2288.3
27.5°	1837.2	1729.6	1737.3	1893.6	2180.6
30°	1839.8	1673.2	1675.8	1839.8	2060.2
32.5°	1821.9	1614.3	1616.9	1773.2	1924.4
35°	1778.3	1545.1	1542.6	1696.3	1739.9
37.5°	1719.4	1470.8	1470.8	1611.7	1537.4
40°	1647.6	1396.5	1404.2	1501.6	1358.1
42.5°	1560.5	1317.1	1327.3	1355.5	1224.8
45°	1465.7	1240.2	1247.9	1145.4	1122.3
47.5°	1360.6	1160.8	1163.3	950.6	1089.0
50°	1235.1	1078.8	1068.5	814.8	1086.5
52.5°	1124.9	989.1	958.3	738.0	986.5
55°	1017.3	894.3	827.7	679.0	914.8
57.5°	922.5	771.3	707.2	609.8	899.4
60°	835.3	650.8	602.2	535.5	825.1
62.5°	763.6	561.2	550.9	484.3	748.2
65°	686.7	499.7	497.1	440.7	635.5
67.5°	612.4	458.7	456.1	399.7	484.3
70°	533.0	415.1	410.0	356.2	358.7
72.5°	451.0	366.4	361.3	320.3	297.2
75°	369.0	310.0	307.5	279.3	240.9
77.5°	289.5	246.0	251.1	225.5	176.8
80°	207.6	179.4	184.5	161.4	133.2
82.5°	138.4	117.9	123.0	102.5	89.7
85°	76.9	66.6	69.2	53.8	41.0
87.5°	35.9	30.7	30.7	20.5	12.8
90°	23.2	14.8	13.8	9.5	5.3
92.5°	143.2	101.9	92.9	57.0	21.1
95°	352.6	198.6	182.2	116.4	50.7
97.5°	475.0	218.1	203.6	145.6	87.6
100°	519.5	234.5	221.3	168.8	116.2
102.5°	539.9	250.9	238.6	189.5	140.5
105°	555.0	275.1	264.7	223.2	181.7
107.5°	557.9	311.1	301.4	262.6	224.0
110°	553.6	331.1	322.4	287.4	252.5



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CATALOG NUMBER: SQ4-FA-050U-075D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	553.8	355.4	347.0	313.7	280.4
115°	558.9	391.9	384.2	353.4	322.7
117.5°	569.3	427.2	420.2	392.3	364.4
120°	577.7	447.8	441.2	415.0	388.7
122.5°	589.9	472.2	465.5	439.0	412.5
125°	606.3	503.3	497.3	473.1	448.9
127.5°	622.7	533.4	527.3	502.9	478.5
130°	634.6	553.5	546.9	520.7	494.4
132.5°	644.4	569.9	563.3	537.0	510.7
135°	654.9	588.8	582.9	558.9	535.0
137.5°	670.7	613.2	607.3	583.5	559.8
140°	680.4	629.5	624.0	602.2	580.4
142.5°	688.5	641.7	636.7	616.4	596.3
145°	699.1	660.2	655.7	638.1	620.5
147.5°	714.6	683.4	679.1	661.9	644.9
150°	722.7	695.5	691.7	676.1	660.7
152.5°	728.0	703.5	700.6	688.8	677.1
155°	739.6	720.9	718.7	710.0	701.3
157.5°	751.2	738.3	736.2	727.8	719.3
160°	756.5	746.3	744.6	738.1	731.5
162.5°	762.1	754.7	753.5	748.6	743.6
165°	770.2	766.8	765.7	761.3	756.8
167.5°	776.5	773.7	773.2	771.0	769.0
170°	781.8	781.6	781.1	779.0	776.9
172.5°	782.1	782.1	782.0	781.5	781.1
175°	785.3	786.9	786.9	786.9	786.9
177.5°	785.7	786.9	786.9	786.9	786.9
180°	786.9	786.9	786.9	786.9	786.9

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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	12.90	13.84	13.78	14.74	15.90	15.75	16.69	16.64	17.59	18.75
	3H	13.38	14.22	14.28	15.14	16.32	17.11	17.95	18.01	18.86	20.04
	4H	13.58	14.37	14.49	15.29	16.48	17.56	18.35	18.47	19.28	20.46
	6H	13.70	14.43	14.62	15.36	16.56	17.85	18.59	18.78	19.51	20.72
	8H	13.70	14.40	14.63	15.34	16.54	17.93	18.63	18.87	19.58	20.78
	12H	13.68	14.34	14.61	15.28	16.50	17.98	18.64	18.92	19.58	20.81
4H	2H	13.95	14.74	14.86	15.66	16.85	16.17	16.96	17.09	17.88	19.07
	3H	14.98	15.64	15.91	16.59	17.80	17.69	18.35	18.62	19.30	20.50
	4H	15.26	15.86	16.20	16.81	18.04	18.22	18.83	19.16	19.77	21.00
	6H	15.39	15.91	16.34	16.88	18.11	18.60	19.12	19.55	20.09	21.32
	8H	15.40	15.88	16.35	16.85	18.09	18.71	19.20	19.67	20.16	21.40
	12H	15.37	15.81	16.34	16.79	18.03	18.77	19.21	19.75	20.19	21.44
8H	4H	15.72	16.21	16.68	17.17	18.42	18.35	18.84	19.31	19.80	21.05
	6H	15.99	16.39	16.97	17.40	18.64	18.80	19.20	19.78	20.21	21.45
	8H	16.03	16.39	17.02	17.38	18.64	18.95	19.31	19.94	20.30	21.56
	12H	16.02	16.33	17.01	17.32	18.63	19.06	19.37	20.05	20.36	21.67
12H	4H	15.73	16.17	16.71	17.15	18.40	18.32	18.76	19.30	19.74	20.99
	6H	16.05	16.41	17.04	17.40	18.66	18.80	19.15	19.79	20.15	21.41
	8H	16.12	16.43	17.11	17.42	18.73	18.96	19.28	19.96	20.27	21.57

END OF REPORT