

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: P934987

Luminaire Tested: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934987
REPORT IS A COMBINATION OF REPORTS P933719 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

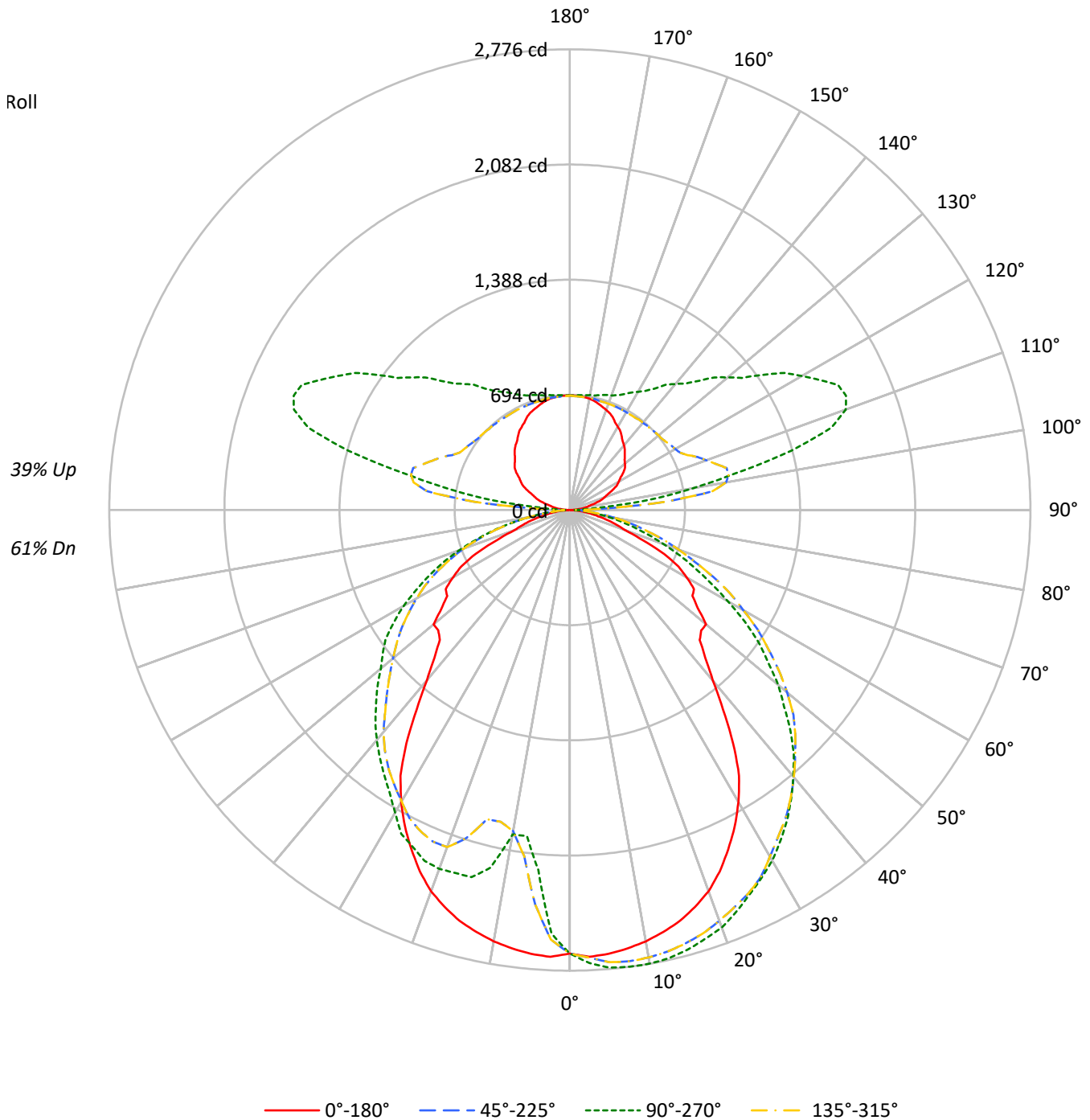
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11404.2 lumens
Efficiency: N/A
Efficacy: 122.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 93
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

TEST NUMBER: P934987
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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	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66	61
1	100	96	92	88	94	90	86	83	79	76	74	68	66	65	59	57	56	51
2	91	84	78	72	85	79	73	68	69	65	61	60	57	54	52	49	47	43
3	83	74	66	60	78	69	63	57	61	56	51	53	49	46	46	43	40	36
4	76	65	57	51	71	61	54	49	54	48	44	47	43	39	41	37	35	31
5	70	58	50	44	65	55	47	42	48	42	38	42	38	34	37	33	30	27
6	65	52	44	38	60	49	42	36	44	37	33	38	33	30	33	29	26	24
7	60	47	39	33	56	45	37	32	39	33	29	35	30	26	30	26	23	21
8	55	43	35	29	52	40	33	28	36	30	26	32	27	23	28	24	21	19
9	52	39	31	26	48	37	30	25	33	27	23	29	24	21	26	22	19	17
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	24	20	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16530	16530	16530	16530
5°	16647	16686	16647	13120
10°	16530	16437	16530	11751
15°	16344	16081	16344	13427
20°	15996	15659	15996	13456
25°	15289	15043	15289	13170
30°	14379	14533	14379	12545
35°	12813	13886	12813	11857
40°	10670	13126	10670	11336
45°	9528	12235	9528	10739
50°	10115	11173	10115	10139
55°	9507	10029	9507	9792
60°	9788	8518	9788	8968
65°	8861	7041	8861	7871
70°	6121	5612	6121	6597
75°	5346	4148	5346	4968
80°	4280	2742	4280	2986
85°	2409	1452	2409	1235

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14612 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.2	2.1
10°-20°	684.8	6.0
20°-30°	1058.6	9.3
30°-40°	1263.8	11.1
40°-50°	1271.2	11.1
50°-60°	1106.1	9.7
60°-70°	784.2	6.9
70°-80°	414.9	3.6
80°-90°	106.0	0.9
90°-100°	336.4	2.9
100°-110°	884.4	7.8
110°-120°	917.0	8.0
120°-130°	735.5	6.4
130°-140°	577.1	5.1
140°-150°	443.0	3.9
150°-160°	319.0	2.8
160°-170°	195.2	1.7
170°-180°	65.9	0.6
0°-30°	1984.7	17.4
0°-40°	3248.4	28.5
0°-60°	5625.7	49.3
0°-90°	6930.8	60.8
90°-120°	2137.7	18.7
90°-150°	3893.3	34.1
90°-180°	4473.0	39.2
0°-180°	11404.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2672	2672	2672	2672	2672	
5°	2685	2768	2685	2177	2685	255
15°	2563	2743	2563	2290	2563	721
25°	2257	2558	2257	2240	2257	1037
35°	1716	2283	1716	1949	1716	1062
45°	1107	1881	1107	1651	1107	887
55°	902	1388	902	1355	902	829
65°	627	837	627	935	627	599
75°	238	397	238	475	238	250
85°	40	101	40	86	40	55
90°	5	18	5	18	5	6
95°	44	203	44	203	44	49
105°	159	1385	159	1385	159	169
115°	283	1783	283	1783	283	279
125°	394	1420	394	1420	394	349
135°	469	1102	469	1102	469	363
145°	544	894	544	894	544	341
155°	615	770	615	770	615	283
165°	664	717	664	717	664	187
175°	690	695	690	695	690	66
180°	690	690	690	690	690	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2694.8	2694.8	2710.0	2715.0	2715.0	2707.4	2699.9	2707.4	2730.2	2737.8	2735.2
5°	2684.7	2704.9	2732.7	2737.8	2742.9	2740.3	2735.2	2740.3	2765.6	2770.7	2773.2
7.5°	2664.5	2702.3	2737.8	2745.4	2752.9	2745.4	2742.9	2747.9	2773.2	2778.2	2778.2
10°	2639.2	2692.3	2732.7	2737.8	2745.4	2737.8	2737.8	2747.9	2773.2	2778.2	2780.7
12.5°	2603.8	2677.1	2715.0	2720.1	2730.2	2727.6	2725.2	2735.2	2760.5	2765.6	2765.6
15°	2563.4	2649.3	2684.7	2689.8	2707.4	2702.3	2702.3	2712.5	2740.3	2747.9	2745.4
17.5°	2507.7	2613.9	2654.3	2661.9	2674.6	2672.1	2674.6	2684.7	2710.0	2715.0	2717.6
20°	2444.6	2565.9	2613.9	2621.5	2634.1	2634.1	2634.1	2646.8	2672.1	2682.1	2682.1
22.5°	2358.6	2515.3	2565.9	2571.0	2586.1	2586.1	2591.2	2608.8	2631.6	2634.1	2634.1
25°	2257.4	2459.7	2502.6	2517.9	2533.0	2540.6	2548.2	2558.3	2565.9	2563.4	2565.9
27.5°	2151.3	2388.9	2444.6	2454.6	2474.9	2482.4	2492.6	2495.1	2497.7	2505.2	2500.2
30°	2032.4	2290.3	2373.8	2383.8	2416.7	2421.8	2411.7	2416.7	2429.3	2434.4	2439.5
32.5°	1898.5	2143.7	2300.5	2323.2	2353.5	2338.4	2335.8	2343.4	2363.6	2363.6	2368.7
35°	1716.5	2029.9	2232.2	2252.5	2275.2	2257.4	2267.6	2270.1	2282.7	2290.3	2287.8
37.5°	1516.8	1931.3	2161.4	2176.6	2194.3	2171.5	2186.7	2194.3	2204.3	2199.4	2199.4
40°	1339.8	1777.2	2078.0	2088.1	2103.3	2085.5	2100.8	2105.8	2110.8	2105.8	2103.3
42.5°	1208.3	1607.7	1989.5	2002.2	1992.0	2004.6	2009.7	2019.9	2012.2	2002.2	2002.2
45°	1107.3	1562.3	1893.4	1908.6	1893.4	1913.7	1921.3	1921.3	1898.5	1893.4	1890.9
47.5°	1074.4	1471.3	1797.4	1797.4	1789.8	1815.1	1827.8	1810.0	1787.2	1779.7	1779.7
50°	1071.9	1370.2	1665.9	1655.8	1691.2	1721.6	1708.9	1691.2	1673.5	1645.7	1645.7
52.5°	973.3	1246.3	1496.6	1534.4	1590.1	1607.7	1587.5	1569.9	1539.5	1526.9	1516.8
55°	902.5	1117.3	1342.3	1418.2	1476.4	1499.1	1461.1	1443.5	1398.0	1390.4	1385.3
57.5°	887.3	930.3	1200.8	1296.9	1367.6	1365.1	1342.3	1309.4	1271.6	1264.0	1261.4
60°	814.0	672.4	1049.1	1162.8	1236.1	1228.6	1208.3	1178.1	1142.6	1137.6	1132.6
62.5°	738.1	487.9	877.2	1006.2	1109.7	1107.3	1089.5	1044.0	1018.8	1006.2	996.0
65°	627.0	409.6	624.4	836.7	985.9	990.9	953.1	920.2	892.4	877.2	874.7
67.5°	477.8	333.7	422.2	697.7	867.1	862.0	814.0	798.8	763.4	755.9	740.7
70°	353.9	222.5	293.2	566.2	750.8	738.1	700.3	682.6	649.7	632.0	621.9
72.5°	293.2	179.5	214.8	439.8	632.0	616.8	584.0	563.7	535.9	520.8	510.6
75°	237.6	189.6	164.3	326.1	513.1	503.1	472.7	452.5	429.8	409.6	412.0
77.5°	174.4	177.0	131.5	240.1	407.0	391.8	374.1	348.9	338.7	318.5	318.5
80°	131.5	139.0	98.6	164.3	293.2	293.2	278.1	260.4	242.7	232.6	232.6
82.5°	88.4	88.4	73.3	103.7	199.7	192.1	182.0	177.0	166.8	161.8	161.8
85°	40.4	50.6	45.5	63.2	108.7	113.7	113.7	108.7	106.2	101.1	103.7
87.5°	12.6	22.7	27.8	35.4	55.6	58.2	60.7	60.7	60.7	63.2	63.2
90°	4.6	8.3	12.1	12.9	20.3	30.2	35.2	31.3	23.5	17.6	17.6
92.5°	18.5	50.0	81.5	89.3	125.6	174.0	198.2	173.7	124.7	87.9	84.5
95°	44.4	102.1	159.7	174.1	309.2	489.3	579.4	517.0	392.2	298.7	288.1
97.5°	76.9	127.7	178.5	191.2	416.5	716.8	867.0	827.6	748.8	689.6	669.4
100°	101.9	148.0	194.1	205.7	455.6	788.8	955.5	958.4	964.1	968.4	944.4
102.5°	123.2	166.2	209.3	220.0	473.5	811.4	980.5	1030.7	1131.2	1206.5	1185.8
105°	159.4	195.8	232.3	241.3	486.7	814.0	977.7	1090.2	1315.4	1484.3	1473.3
107.5°	196.4	230.4	264.3	272.8	489.2	777.8	922.1	1079.2	1393.3	1628.9	1631.5
110°	221.4	252.1	282.7	290.3	485.5	745.7	875.8	1051.4	1402.6	1665.9	1677.5



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CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	245.9	275.1	304.4	311.6	485.6	717.6	833.7	1013.3	1372.7	1642.2	1659.9
115°	283.0	310.0	336.8	343.6	490.1	685.4	783.2	956.3	1302.5	1562.1	1586.6
117.5°	319.5	344.0	368.5	374.7	499.3	665.3	748.4	904.7	1217.1	1451.5	1478.7
120°	340.8	363.9	386.9	392.7	506.7	658.6	734.6	877.3	1162.7	1376.9	1403.4
122.5°	361.7	385.0	408.3	414.0	517.3	655.1	723.9	852.4	1109.4	1302.3	1328.4
125°	393.6	414.8	436.0	441.3	531.7	652.1	712.3	821.5	1039.9	1203.7	1227.7
127.5°	419.6	441.0	462.3	467.7	546.0	650.4	702.6	796.3	983.8	1124.5	1144.8
130°	433.5	456.6	479.6	485.4	556.6	651.5	698.9	782.4	949.3	1074.5	1093.2
132.5°	447.8	470.9	493.9	499.7	565.0	652.1	695.6	770.3	919.8	1031.9	1048.6
135°	469.1	490.1	511.1	516.4	574.3	651.5	690.0	752.6	877.8	971.6	986.0
137.5°	490.9	511.6	532.5	537.6	588.1	655.5	689.1	742.0	847.8	927.2	939.0
140°	509.0	528.1	547.3	552.1	596.7	656.2	685.8	731.6	823.0	891.5	902.6
142.5°	522.9	540.6	558.4	562.7	603.8	658.5	685.8	726.0	806.3	866.5	876.1
145°	544.2	559.7	575.0	578.9	613.0	658.6	681.3	714.1	779.8	829.0	836.1
147.5°	565.4	580.5	595.5	599.3	626.6	663.0	681.3	707.1	758.8	797.5	803.5
150°	579.4	592.9	606.6	610.0	633.8	665.4	681.3	703.1	746.7	779.5	784.4
152.5°	593.7	604.1	614.3	616.9	638.3	666.9	681.3	699.9	737.1	765.1	768.8
155°	615.0	622.6	630.3	632.2	648.5	670.3	681.3	696.1	725.8	748.0	750.4
157.5°	630.8	638.2	645.6	647.5	658.8	673.8	681.3	692.8	715.8	733.2	734.8
160°	641.4	647.2	653.0	654.4	663.3	675.3	681.3	691.1	710.8	725.7	726.7
162.5°	652.1	656.5	660.7	661.8	668.3	677.0	681.3	689.6	706.3	718.8	719.7
165°	663.6	667.6	671.5	672.5	675.4	679.3	681.3	687.2	699.2	708.2	709.2
167.5°	674.3	676.2	678.0	678.5	681.0	684.3	685.8	689.7	697.6	703.5	703.9
170°	681.3	683.2	684.9	685.4	685.5	685.7	685.8	689.7	697.6	703.5	703.5
172.5°	684.9	685.3	685.7	685.8	685.8	685.8	685.8	688.9	695.1	699.8	699.4
175°	690.0	690.0	690.0	690.0	688.6	686.7	685.8	687.8	691.7	694.7	694.7
177.5°	690.0	690.0	690.0	690.0	688.9	687.5	686.8	688.4	691.5	693.8	693.4
180°	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2740.3	2732.7	2740.3	2735.2	2737.8	2730.2	2707.4	2699.9	2707.4	2715.0	2715.0
5°	2773.2	2768.1	2773.2	2773.2	2770.7	2765.6	2740.3	2735.2	2740.3	2742.9	2737.8
7.5°	2783.3	2775.8	2783.3	2778.2	2778.2	2773.2	2747.9	2742.9	2745.4	2752.9	2745.4
10°	2783.3	2775.8	2783.3	2780.7	2778.2	2773.2	2747.9	2737.8	2737.8	2745.4	2737.8
12.5°	2770.7	2765.6	2770.7	2765.6	2765.6	2760.5	2735.2	2725.2	2727.6	2730.2	2720.1
15°	2750.5	2742.9	2750.5	2745.4	2747.9	2740.3	2712.5	2702.3	2702.3	2707.4	2689.8
17.5°	2720.1	2710.0	2720.1	2717.6	2715.0	2710.0	2684.7	2674.6	2672.1	2674.6	2661.9
20°	2684.7	2677.1	2684.7	2682.1	2682.1	2672.1	2646.8	2634.1	2634.1	2634.1	2621.5
22.5°	2629.0	2621.5	2629.0	2634.1	2634.1	2631.6	2608.8	2591.2	2586.1	2586.1	2571.0
25°	2565.9	2558.3	2565.9	2565.9	2563.4	2565.9	2558.3	2548.2	2540.6	2533.0	2517.9
27.5°	2505.2	2500.2	2505.2	2500.2	2505.2	2497.7	2495.1	2492.6	2482.4	2474.9	2454.6
30°	2444.6	2439.5	2444.6	2439.5	2434.4	2429.3	2416.7	2411.7	2421.8	2416.7	2383.8
32.5°	2368.7	2363.6	2368.7	2368.7	2363.6	2363.6	2343.4	2335.8	2338.4	2353.5	2323.2
35°	2290.3	2282.7	2290.3	2287.8	2290.3	2282.7	2270.1	2267.6	2257.4	2275.2	2252.5
37.5°	2199.4	2191.7	2199.4	2199.4	2199.4	2204.3	2194.3	2186.7	2171.5	2194.3	2176.6
40°	2105.8	2095.7	2105.8	2103.3	2105.8	2110.8	2105.8	2100.8	2085.5	2103.3	2088.1
42.5°	1999.7	1997.1	1999.7	2002.2	2002.2	2012.2	2019.9	2009.7	2004.6	1992.0	2002.2
45°	1885.8	1880.8	1885.8	1890.9	1893.4	1898.5	1921.3	1921.3	1913.7	1893.4	1908.6
47.5°	1764.5	1751.9	1764.5	1779.7	1779.7	1787.2	1810.0	1827.8	1815.1	1789.8	1797.4
50°	1635.6	1638.1	1635.6	1645.7	1645.7	1673.5	1691.2	1708.9	1721.6	1691.2	1655.8
52.5°	1509.2	1506.6	1509.2	1516.8	1526.9	1539.5	1569.9	1587.5	1607.7	1590.1	1534.4
55°	1382.7	1387.8	1382.7	1385.3	1390.4	1398.0	1443.5	1461.1	1499.1	1476.4	1418.2
57.5°	1256.4	1248.8	1256.4	1261.4	1264.0	1271.6	1309.4	1342.3	1365.1	1367.6	1296.9
60°	1109.7	1099.7	1109.7	1132.6	1137.6	1142.6	1178.1	1208.3	1228.6	1236.1	1162.8
62.5°	980.9	963.1	980.9	996.0	1006.2	1018.8	1044.0	1089.5	1107.3	1109.7	1006.2
65°	844.3	836.7	844.3	874.7	877.2	892.4	920.2	953.1	990.9	985.9	836.7
67.5°	720.5	720.5	720.5	740.7	755.9	763.4	798.8	814.0	862.0	867.1	697.7
70°	606.7	604.2	606.7	621.9	632.0	649.7	682.6	700.3	738.1	750.8	566.2
72.5°	498.0	495.5	498.0	510.6	520.8	535.9	563.7	584.0	616.8	632.0	439.8
75°	402.0	396.9	402.0	412.0	409.6	429.8	452.5	472.7	503.1	513.1	326.1
77.5°	308.5	308.5	308.5	318.5	318.5	338.7	348.9	374.1	391.8	407.0	240.1
80°	230.1	227.5	230.1	232.6	232.6	242.7	260.4	278.1	293.2	293.2	164.3
82.5°	161.8	156.8	161.8	161.8	161.8	166.8	177.0	182.0	192.1	199.7	103.7
85°	101.1	101.1	101.1	103.7	101.1	106.2	108.7	113.7	113.7	108.7	63.2
87.5°	65.7	63.2	65.7	63.2	63.2	60.7	60.7	60.7	58.2	55.6	35.4
90°	17.6	17.6	17.6	17.6	17.6	23.5	31.3	35.2	30.2	20.3	12.9
92.5°	70.4	56.5	70.4	84.5	87.9	124.7	173.7	198.2	174.0	125.6	89.3
95°	245.7	203.3	245.7	288.1	298.7	392.2	517.0	579.4	489.3	309.2	174.1
97.5°	588.7	508.1	588.7	669.4	689.6	748.8	827.6	867.0	716.8	416.5	191.2
100°	848.2	752.1	848.2	944.4	968.4	964.1	958.4	955.5	788.8	455.6	205.7
102.5°	1103.6	1021.2	1103.6	1185.8	1206.5	1131.2	1030.7	980.5	811.4	473.5	220.0
105°	1429.0	1384.7	1429.0	1473.3	1484.3	1315.4	1090.2	977.7	814.0	486.7	241.3
107.5°	1642.2	1652.9	1642.2	1631.5	1628.9	1393.3	1079.2	922.1	777.8	489.2	272.8
110°	1723.5	1769.6	1723.5	1677.5	1665.9	1402.6	1051.4	875.8	745.7	485.5	290.3



TEST NUMBER: P934987

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1730.7	1801.6	1730.7	1659.9	1642.2	1372.7	1013.3	833.7	717.6	485.6	311.6
115°	1684.8	1783.0	1684.8	1586.6	1562.1	1302.5	956.3	783.2	685.4	490.1	343.6
117.5°	1587.5	1696.4	1587.5	1478.7	1451.5	1217.1	904.7	748.4	665.3	499.3	374.7
120°	1509.1	1614.9	1509.1	1403.4	1376.9	1162.7	877.3	734.6	658.6	506.7	392.7
122.5°	1432.7	1537.1	1432.7	1328.4	1302.3	1109.4	852.4	723.9	655.1	517.3	414.0
125°	1323.9	1420.0	1323.9	1227.7	1203.7	1039.9	821.5	712.3	652.1	531.7	441.3
127.5°	1225.9	1307.0	1225.9	1144.8	1124.5	983.8	796.3	702.6	650.4	546.0	467.7
130°	1168.1	1243.0	1168.1	1093.2	1074.5	949.3	782.4	698.9	651.5	556.6	485.4
132.5°	1115.7	1182.8	1115.7	1048.6	1031.9	919.8	770.3	695.6	652.1	565.0	499.7
135°	1043.9	1101.8	1043.9	986.0	971.6	877.8	752.6	690.0	651.5	574.3	516.4
137.5°	986.3	1033.7	986.3	939.0	927.2	847.8	742.0	689.1	655.5	588.1	537.6
140°	946.9	991.1	946.9	902.6	891.5	823.0	731.6	685.8	656.2	596.7	552.1
142.5°	914.1	952.2	914.1	876.1	866.5	806.3	726.0	685.8	658.5	603.8	562.7
145°	865.0	893.8	865.0	836.1	829.0	779.8	714.1	681.3	658.6	613.0	578.9
147.5°	827.3	851.2	827.3	803.5	797.5	758.8	707.1	681.3	663.0	626.6	599.3
150°	803.7	823.0	803.7	784.4	779.5	746.7	703.1	681.3	665.4	633.8	610.0
152.5°	783.4	798.0	783.4	768.8	765.1	737.1	699.9	681.3	666.9	638.3	616.9
155°	760.0	769.7	760.0	750.4	748.0	725.8	696.1	681.3	670.3	648.5	632.2
157.5°	741.6	748.4	741.6	734.8	733.2	715.8	692.8	681.3	673.8	658.8	647.5
160°	730.6	734.6	730.6	726.7	725.7	710.8	691.1	681.3	675.3	663.3	654.4
162.5°	723.4	727.1	723.4	719.7	718.8	706.3	689.6	681.3	677.0	668.3	661.8
165°	713.0	716.9	713.0	709.2	708.2	699.2	687.2	681.3	679.3	675.4	672.5
167.5°	705.6	707.2	705.6	703.9	703.5	697.6	689.7	685.8	684.3	681.0	678.5
170°	703.5	703.5	703.5	703.5	703.5	697.6	689.7	685.8	685.7	685.5	685.4
172.5°	698.0	696.5	698.0	699.4	699.8	695.1	688.9	685.8	685.8	685.8	685.8
175°	694.7	694.7	694.7	694.7	694.7	691.7	687.8	685.8	686.7	688.6	690.0
177.5°	691.7	690.0	691.7	693.4	693.8	691.5	688.4	686.8	687.5	688.9	690.0
180°	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0



TEST NUMBER: P934987

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2710.0	2694.8	2694.8	2669.6	2659.4	2651.8	2639.2	2601.3	2591.2	2581.0	2596.2
5°	2732.7	2704.9	2684.7	2639.2	2601.3	2586.1	2538.1	2447.1	2386.4	2340.9	2315.6
7.5°	2737.8	2702.3	2664.5	2593.7	2502.6	2462.2	2315.6	2148.8	2103.3	2062.8	2037.5
10°	2732.7	2692.3	2639.2	2533.0	2318.2	2247.4	2100.8	1992.0	1964.2	1956.6	1964.2
12.5°	2715.0	2677.1	2603.8	2426.9	2126.1	2078.0	1992.0	1928.9	1923.8	1936.4	2004.6
15°	2684.7	2649.3	2563.4	2285.3	2019.9	1984.4	1923.8	1901.1	1928.9	2017.3	2222.1
17.5°	2654.3	2613.9	2507.7	2146.3	1938.9	1913.7	1870.7	1916.2	2073.0	2191.7	2260.0
20°	2613.9	2565.9	2444.6	2045.1	1880.8	1858.0	1837.8	2042.6	2161.4	2204.3	2242.3
22.5°	2565.9	2515.3	2358.6	1974.4	1820.1	1802.5	1815.1	2113.4	2161.4	2191.7	2224.6
25°	2502.6	2459.7	2257.4	1918.7	1772.1	1751.9	1799.9	2105.8	2133.6	2141.2	2206.9
27.5°	2444.6	2388.9	2151.3	1868.2	1713.9	1706.3	1812.5	2073.0	2093.2	2100.8	2171.5
30°	2373.8	2290.3	2032.4	1815.1	1653.3	1650.8	1815.1	2032.4	2027.5	2047.7	2118.4
32.5°	2300.5	2143.7	1898.5	1749.4	1595.2	1592.6	1797.4	1971.8	1966.8	1994.6	2047.7
35°	2232.2	2029.9	1716.5	1673.5	1521.8	1524.4	1754.5	1901.1	1903.6	1928.9	1961.7
37.5°	2161.4	1931.3	1516.8	1590.1	1451.1	1451.1	1696.3	1835.3	1830.2	1837.8	1883.3
40°	2078.0	1777.2	1339.8	1481.4	1385.3	1377.8	1625.5	1764.5	1746.8	1744.3	1807.5
42.5°	1989.5	1607.7	1208.3	1337.3	1309.4	1299.4	1539.5	1678.6	1645.7	1653.3	1734.1
45°	1893.4	1562.3	1107.3	1130.0	1231.2	1223.5	1446.0	1580.0	1557.2	1577.5	1660.8
47.5°	1797.4	1471.3	1074.4	937.8	1147.7	1145.2	1342.3	1483.9	1471.3	1491.5	1580.0
50°	1665.9	1370.2	1071.9	803.9	1054.2	1064.2	1218.5	1390.4	1390.4	1408.0	1501.6
52.5°	1496.6	1246.3	973.3	728.1	945.5	975.8	1109.7	1309.4	1314.5	1332.2	1415.6
55°	1342.3	1117.3	902.5	669.9	816.5	882.3	1003.6	1226.1	1236.1	1253.9	1329.7
57.5°	1200.8	930.3	887.3	601.7	697.7	760.9	910.0	1145.2	1150.2	1165.4	1238.7
60°	1049.1	672.4	814.0	528.4	594.1	642.1	824.1	1049.1	1066.8	1076.9	1140.1
62.5°	877.2	487.9	738.1	477.8	543.5	553.6	753.4	958.1	980.9	988.4	1026.4
65°	624.4	409.6	627.0	434.9	490.4	492.9	677.5	864.5	884.7	897.4	925.3
67.5°	422.2	333.7	477.8	394.3	450.0	452.5	604.2	755.9	783.7	793.8	811.4
70°	293.2	222.5	353.9	351.4	404.5	409.6	525.8	657.3	682.6	690.1	700.3
72.5°	214.8	179.5	293.2	316.0	356.5	361.5	444.9	546.0	571.3	578.9	584.0
75°	164.3	189.6	237.6	275.6	303.4	305.9	364.0	444.9	462.6	467.7	470.2
77.5°	131.5	177.0	174.4	222.5	247.7	242.7	285.7	343.8	359.0	359.0	359.0
80°	98.6	139.0	131.5	159.3	182.0	177.0	204.8	245.2	250.3	255.3	252.8
82.5°	73.3	88.4	88.4	101.1	121.3	116.3	136.6	159.3	159.3	159.3	164.3
85°	45.5	50.6	40.4	53.1	68.2	65.7	75.8	86.0	88.4	88.4	83.5
87.5°	27.8	22.7	12.6	20.2	30.4	30.4	35.4	37.9	35.4	35.4	35.4
90°	12.1	8.3	4.6	8.3	12.1	12.9	20.3	30.2	35.2	31.3	23.5
92.5°	81.5	50.0	18.5	50.0	81.5	89.3	125.6	174.0	198.2	173.7	124.7
95°	159.7	102.1	44.4	102.1	159.7	174.1	309.2	489.3	579.4	517.0	392.2
97.5°	178.5	127.7	76.9	127.7	178.5	191.2	416.5	716.8	867.0	827.6	748.8
100°	194.1	148.0	101.9	148.0	194.1	205.7	455.6	788.8	955.5	958.4	964.1
102.5°	209.3	166.2	123.2	166.2	209.3	220.0	473.5	811.4	980.5	1030.7	1131.2
105°	232.3	195.8	159.4	195.8	232.3	241.3	486.7	814.0	977.7	1090.2	1315.4
107.5°	264.3	230.4	196.4	230.4	264.3	272.8	489.2	777.8	922.1	1079.2	1393.3
110°	282.7	252.1	221.4	252.1	282.7	290.3	485.5	745.7	875.8	1051.4	1402.6



TEST NUMBER: P934987

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	304.4	275.1	245.9	275.1	304.4	311.6	485.6	717.6	833.7	1013.3	1372.7
115°	336.8	310.0	283.0	310.0	336.8	343.6	490.1	685.4	783.2	956.3	1302.5
117.5°	368.5	344.0	319.5	344.0	368.5	374.7	499.3	665.3	748.4	904.7	1217.1
120°	386.9	363.9	340.8	363.9	386.9	392.7	506.7	658.6	734.6	877.3	1162.7
122.5°	408.3	385.0	361.7	385.0	408.3	414.0	517.3	655.1	723.9	852.4	1109.4
125°	436.0	414.8	393.6	414.8	436.0	441.3	531.7	652.1	712.3	821.5	1039.9
127.5°	462.3	441.0	419.6	441.0	462.3	467.7	546.0	650.4	702.6	796.3	983.8
130°	479.6	456.6	433.5	456.6	479.6	485.4	556.6	651.5	698.9	782.4	949.3
132.5°	493.9	470.9	447.8	470.9	493.9	499.7	565.0	652.1	695.6	770.3	919.8
135°	511.1	490.1	469.1	490.1	511.1	516.4	574.3	651.5	690.0	752.6	877.8
137.5°	532.5	511.6	490.9	511.6	532.5	537.6	588.1	655.5	689.1	742.0	847.8
140°	547.3	528.1	509.0	528.1	547.3	552.1	596.7	656.2	685.8	731.6	823.0
142.5°	558.4	540.6	522.9	540.6	558.4	562.7	603.8	658.5	685.8	726.0	806.3
145°	575.0	559.7	544.2	559.7	575.0	578.9	613.0	658.6	681.3	714.1	779.8
147.5°	595.5	580.5	565.4	580.5	595.5	599.3	626.6	663.0	681.3	707.1	758.8
150°	606.6	592.9	579.4	592.9	606.6	610.0	633.8	665.4	681.3	703.1	746.7
152.5°	614.3	604.1	593.7	604.1	614.3	616.9	638.3	666.9	681.3	699.9	737.1
155°	630.3	622.6	615.0	622.6	630.3	632.2	648.5	670.3	681.3	696.1	725.8
157.5°	645.6	638.2	630.8	638.2	645.6	647.5	658.8	673.8	681.3	692.8	715.8
160°	653.0	647.2	641.4	647.2	653.0	654.4	663.3	675.3	681.3	691.1	710.8
162.5°	660.7	656.5	652.1	656.5	660.7	661.8	668.3	677.0	681.3	689.6	706.3
165°	671.5	667.6	663.6	667.6	671.5	672.5	675.4	679.3	681.3	687.2	699.2
167.5°	678.0	676.2	674.3	676.2	678.0	678.5	681.0	684.3	685.8	689.7	697.6
170°	684.9	683.2	681.3	683.2	684.9	685.4	685.5	685.7	685.8	689.7	697.6
172.5°	685.7	685.3	684.9	685.3	685.7	685.8	685.8	685.8	685.8	688.9	695.1
175°	690.0	690.0	690.0	690.0	690.0	690.0	688.6	686.7	685.8	687.8	691.7
177.5°	690.0	690.0	690.0	690.0	690.0	690.0	688.9	687.5	686.8	688.4	691.5
180°	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0



TEST NUMBER: P934987

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2578.5	2571.0	2581.0	2553.2	2581.0	2571.0	2578.5	2596.2	2581.0	2591.2	2601.3
5°	2262.5	2249.9	2209.4	2176.6	2209.4	2249.9	2262.5	2315.6	2340.9	2386.4	2447.1
7.5°	2022.4	2012.2	2002.2	1981.9	2002.2	2012.2	2022.4	2037.5	2062.8	2103.3	2148.8
10°	1969.3	1971.8	1987.0	1984.4	1987.0	1971.8	1969.3	1964.2	1956.6	1964.2	1992.0
12.5°	2105.8	2128.6	2212.0	2206.9	2212.0	2128.6	2105.8	2004.6	1936.4	1923.8	1928.9
15°	2262.5	2270.1	2287.8	2290.3	2287.8	2270.1	2262.5	2222.1	2017.3	1928.9	1901.1
17.5°	2277.7	2280.2	2292.9	2292.9	2292.9	2280.2	2277.7	2260.0	2191.7	2073.0	1916.2
20°	2265.1	2270.1	2295.4	2300.5	2295.4	2270.1	2265.1	2242.3	2204.3	2161.4	2042.6
22.5°	2260.0	2270.1	2290.3	2287.8	2290.3	2270.1	2260.0	2224.6	2191.7	2161.4	2113.4
25°	2234.7	2234.7	2237.2	2239.8	2237.2	2234.7	2234.7	2206.9	2141.2	2133.6	2105.8
27.5°	2181.6	2186.7	2201.9	2199.4	2201.9	2186.7	2181.6	2171.5	2100.8	2093.2	2073.0
30°	2133.6	2128.6	2115.9	2105.8	2115.9	2128.6	2133.6	2118.4	2047.7	2027.5	2032.4
32.5°	2052.8	2040.1	2027.5	2019.9	2027.5	2040.1	2052.8	2047.7	1994.6	1966.8	1971.8
35°	1956.6	1959.1	1956.6	1949.1	1956.6	1959.1	1956.6	1961.7	1928.9	1903.6	1901.1
37.5°	1888.4	1893.4	1890.9	1880.8	1890.9	1893.4	1888.4	1883.3	1837.8	1830.2	1835.3
40°	1817.6	1820.1	1817.6	1810.0	1817.6	1820.1	1817.6	1807.5	1744.3	1746.8	1764.5
42.5°	1749.4	1746.8	1739.2	1734.1	1739.2	1746.8	1749.4	1734.1	1653.3	1645.7	1678.6
45°	1671.0	1673.5	1658.3	1650.8	1658.3	1673.5	1671.0	1660.8	1577.5	1557.2	1580.0
47.5°	1592.6	1592.6	1580.0	1572.4	1580.0	1592.6	1592.6	1580.0	1491.5	1471.3	1483.9
50°	1509.2	1506.6	1489.0	1486.4	1489.0	1506.6	1509.2	1501.6	1408.0	1390.4	1390.4
52.5°	1413.1	1413.1	1415.6	1420.7	1415.6	1413.1	1413.1	1415.6	1332.2	1314.5	1309.4
55°	1329.7	1332.2	1350.0	1355.0	1350.0	1332.2	1329.7	1329.7	1253.9	1236.1	1226.1
57.5°	1243.8	1243.8	1256.4	1256.4	1256.4	1243.8	1243.8	1238.7	1165.4	1150.2	1145.2
60°	1145.2	1150.2	1160.3	1157.8	1160.3	1150.2	1145.2	1140.1	1076.9	1066.8	1049.1
62.5°	1041.5	1046.6	1049.1	1044.0	1049.1	1046.6	1041.5	1026.4	988.4	980.9	958.1
65°	932.9	937.8	940.4	935.3	940.4	937.8	932.9	925.3	897.4	884.7	864.5
67.5°	821.6	819.0	816.5	826.7	816.5	819.0	821.6	811.4	793.8	783.7	755.9
70°	707.9	707.9	705.3	710.3	705.3	707.9	707.9	700.3	690.1	682.6	657.3
72.5°	586.4	584.0	594.1	586.4	594.1	584.0	586.4	584.0	578.9	571.3	546.0
75°	467.7	472.7	467.7	475.3	467.7	472.7	467.7	470.2	467.7	462.6	444.9
77.5°	356.5	361.5	356.5	356.5	356.5	361.5	356.5	359.0	359.0	359.0	343.8
80°	252.8	250.3	250.3	247.7	250.3	250.3	252.8	252.8	255.3	250.3	245.2
82.5°	161.8	159.3	159.3	164.3	159.3	159.3	161.8	164.3	159.3	159.3	159.3
85°	88.4	91.0	86.0	86.0	86.0	91.0	88.4	83.5	88.4	88.4	86.0
87.5°	32.9	30.4	30.4	30.4	30.4	30.4	32.9	35.4	35.4	35.4	37.9
90°	17.6	17.6	17.6	17.6	17.6	17.6	17.6	23.5	31.3	35.2	30.2
92.5°	87.9	84.5	70.4	56.5	70.4	84.5	87.9	124.7	173.7	198.2	174.0
95°	298.7	288.1	245.7	203.3	245.7	288.1	298.7	392.2	517.0	579.4	489.3
97.5°	689.6	669.4	588.7	508.1	588.7	669.4	689.6	748.8	827.6	867.0	716.8
100°	968.4	944.4	848.2	752.1	848.2	944.4	968.4	964.1	958.4	955.5	788.8
102.5°	1206.5	1185.8	1103.6	1021.2	1103.6	1185.8	1206.5	1131.2	1030.7	980.5	811.4
105°	1484.3	1473.3	1429.0	1384.7	1429.0	1473.3	1484.3	1315.4	1090.2	977.7	814.0
107.5°	1628.9	1631.5	1642.2	1652.9	1642.2	1631.5	1628.9	1393.3	1079.2	922.1	777.8
110°	1665.9	1677.5	1723.5	1769.6	1723.5	1677.5	1665.9	1402.6	1051.4	875.8	745.7



TEST NUMBER: P934987

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1642.2	1659.9	1730.7	1801.6	1730.7	1659.9	1642.2	1372.7	1013.3	833.7	717.6
115°	1562.1	1586.6	1684.8	1783.0	1684.8	1586.6	1562.1	1302.5	956.3	783.2	685.4
117.5°	1451.5	1478.7	1587.5	1696.4	1587.5	1478.7	1451.5	1217.1	904.7	748.4	665.3
120°	1376.9	1403.4	1509.1	1614.9	1509.1	1403.4	1376.9	1162.7	877.3	734.6	658.6
122.5°	1302.3	1328.4	1432.7	1537.1	1432.7	1328.4	1302.3	1109.4	852.4	723.9	655.1
125°	1203.7	1227.7	1323.9	1420.0	1323.9	1227.7	1203.7	1039.9	821.5	712.3	652.1
127.5°	1124.5	1144.8	1225.9	1307.0	1225.9	1144.8	1124.5	983.8	796.3	702.6	650.4
130°	1074.5	1093.2	1168.1	1243.0	1168.1	1093.2	1074.5	949.3	782.4	698.9	651.5
132.5°	1031.9	1048.6	1115.7	1182.8	1115.7	1048.6	1031.9	919.8	770.3	695.6	652.1
135°	971.6	986.0	1043.9	1101.8	1043.9	986.0	971.6	877.8	752.6	690.0	651.5
137.5°	927.2	939.0	986.3	1033.7	986.3	939.0	927.2	847.8	742.0	689.1	655.5
140°	891.5	902.6	946.9	991.1	946.9	902.6	891.5	823.0	731.6	685.8	656.2
142.5°	866.5	876.1	914.1	952.2	914.1	876.1	866.5	806.3	726.0	685.8	658.5
145°	829.0	836.1	865.0	893.8	865.0	836.1	829.0	779.8	714.1	681.3	658.6
147.5°	797.5	803.5	827.3	851.2	827.3	803.5	797.5	758.8	707.1	681.3	663.0
150°	779.5	784.4	803.7	823.0	803.7	784.4	779.5	746.7	703.1	681.3	665.4
152.5°	765.1	768.8	783.4	798.0	783.4	768.8	765.1	737.1	699.9	681.3	666.9
155°	748.0	750.4	760.0	769.7	760.0	750.4	748.0	725.8	696.1	681.3	670.3
157.5°	733.2	734.8	741.6	748.4	741.6	734.8	733.2	715.8	692.8	681.3	673.8
160°	725.7	726.7	730.6	734.6	730.6	726.7	725.7	710.8	691.1	681.3	675.3
162.5°	718.8	719.7	723.4	727.1	723.4	719.7	718.8	706.3	689.6	681.3	677.0
165°	708.2	709.2	713.0	716.9	713.0	709.2	708.2	699.2	687.2	681.3	679.3
167.5°	703.5	703.9	705.6	707.2	705.6	703.9	703.5	697.6	689.7	685.8	684.3
170°	703.5	703.5	703.5	703.5	703.5	703.5	703.5	697.6	689.7	685.8	685.7
172.5°	699.8	699.4	698.0	696.5	698.0	699.4	699.8	695.1	688.9	685.8	685.8
175°	694.7	694.7	694.7	694.7	694.7	694.7	694.7	691.7	687.8	685.8	686.7
177.5°	693.8	693.4	691.7	690.0	691.7	693.4	693.8	691.5	688.4	686.8	687.5
180°	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0



TEST NUMBER: P934987

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2639.2	2651.8	2659.4	2669.6	2694.8
5°	2538.1	2586.1	2601.3	2639.2	2684.7
7.5°	2315.6	2462.2	2502.6	2593.7	2664.5
10°	2100.8	2247.4	2318.2	2533.0	2639.2
12.5°	1992.0	2078.0	2126.1	2426.9	2603.8
15°	1923.8	1984.4	2019.9	2285.3	2563.4
17.5°	1870.7	1913.7	1938.9	2146.3	2507.7
20°	1837.8	1858.0	1880.8	2045.1	2444.6
22.5°	1815.1	1802.5	1820.1	1974.4	2358.6
25°	1799.9	1751.9	1772.1	1918.7	2257.4
27.5°	1812.5	1706.3	1713.9	1868.2	2151.3
30°	1815.1	1650.8	1653.3	1815.1	2032.4
32.5°	1797.4	1592.6	1595.2	1749.4	1898.5
35°	1754.5	1524.4	1521.8	1673.5	1716.5
37.5°	1696.3	1451.1	1451.1	1590.1	1516.8
40°	1625.5	1377.8	1385.3	1481.4	1339.8
42.5°	1539.5	1299.4	1309.4	1337.3	1208.3
45°	1446.0	1223.5	1231.2	1130.0	1107.3
47.5°	1342.3	1145.2	1147.7	937.8	1074.4
50°	1218.5	1064.2	1054.2	803.9	1071.9
52.5°	1109.7	975.8	945.5	728.1	973.3
55°	1003.6	882.3	816.5	669.9	902.5
57.5°	910.0	760.9	697.7	601.7	887.3
60°	824.1	642.1	594.1	528.4	814.0
62.5°	753.4	553.6	543.5	477.8	738.1
65°	677.5	492.9	490.4	434.9	627.0
67.5°	604.2	452.5	450.0	394.3	477.8
70°	525.8	409.6	404.5	351.4	353.9
72.5°	444.9	361.5	356.5	316.0	293.2
75°	364.0	305.9	303.4	275.6	237.6
77.5°	285.7	242.7	247.7	222.5	174.4
80°	204.8	177.0	182.0	159.3	131.5
82.5°	136.6	116.3	121.3	101.1	88.4
85°	75.8	65.7	68.2	53.1	40.4
87.5°	35.4	30.4	30.4	20.2	12.6
90°	20.3	12.9	12.1	8.3	4.6
92.5°	125.6	89.3	81.5	50.0	18.5
95°	309.2	174.1	159.7	102.1	44.4
97.5°	416.5	191.2	178.5	127.7	76.9
100°	455.6	205.7	194.1	148.0	101.9
102.5°	473.5	220.0	209.3	166.2	123.2
105°	486.7	241.3	232.3	195.8	159.4
107.5°	489.2	272.8	264.3	230.4	196.4
110°	485.5	290.3	282.7	252.1	221.4



TEST NUMBER: P934987

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	485.6	311.6	304.4	275.1	245.9
115°	490.1	343.6	336.8	310.0	283.0
117.5°	499.3	374.7	368.5	344.0	319.5
120°	506.7	392.7	386.9	363.9	340.8
122.5°	517.3	414.0	408.3	385.0	361.7
125°	531.7	441.3	436.0	414.8	393.6
127.5°	546.0	467.7	462.3	441.0	419.6
130°	556.6	485.4	479.6	456.6	433.5
132.5°	565.0	499.7	493.9	470.9	447.8
135°	574.3	516.4	511.1	490.1	469.1
137.5°	588.1	537.6	532.5	511.6	490.9
140°	596.7	552.1	547.3	528.1	509.0
142.5°	603.8	562.7	558.4	540.6	522.9
145°	613.0	578.9	575.0	559.7	544.2
147.5°	626.6	599.3	595.5	580.5	565.4
150°	633.8	610.0	606.6	592.9	579.4
152.5°	638.3	616.9	614.3	604.1	593.7
155°	648.5	632.2	630.3	622.6	615.0
157.5°	658.8	647.5	645.6	638.2	630.8
160°	663.3	654.4	653.0	647.2	641.4
162.5°	668.3	661.8	660.7	656.5	652.1
165°	675.4	672.5	671.5	667.6	663.6
167.5°	681.0	678.5	678.0	676.2	674.3
170°	685.5	685.4	684.9	683.2	681.3
172.5°	685.8	685.8	685.7	685.3	684.9
175°	688.6	690.0	690.0	690.0	690.0
177.5°	688.9	690.0	690.0	690.0	690.0
180°	690.0	690.0	690.0	690.0	690.0



TEST NUMBER: P934987
 CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-6-2700K

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	15.49	16.45	16.35	17.34	18.44	18.31	19.28	19.17	20.16	21.27
	3H	15.97	16.84	16.84	17.73	18.87	19.66	20.53	20.53	21.42	22.56
	4H	16.17	16.99	17.06	17.88	19.03	20.11	20.93	21.00	21.83	22.97
	6H	16.29	17.05	17.19	17.95	19.11	20.40	21.16	21.30	22.06	23.22
	8H	16.30	17.02	17.21	17.94	19.10	20.48	21.20	21.38	22.12	23.28
	12H	16.27	16.96	17.19	17.87	19.05	20.52	21.20	21.43	22.12	23.30
4H	2H	16.53	17.35	17.42	18.25	19.39	18.73	19.55	19.63	20.45	21.59
	3H	17.57	18.25	18.47	19.18	20.34	20.25	20.93	21.15	21.86	23.02
	4H	17.85	18.47	18.76	19.40	20.58	20.78	21.40	21.69	22.33	23.51
	6H	17.98	18.52	18.91	19.46	20.65	21.15	21.69	22.08	22.63	23.82
	8H	17.99	18.49	18.92	19.43	20.63	21.26	21.76	22.19	22.70	23.90
	12H	17.96	18.41	18.91	19.37	20.58	21.32	21.77	22.27	22.73	23.94
8H	4H	18.31	18.81	19.24	19.75	20.95	20.91	21.41	21.84	22.36	23.56
	6H	18.58	18.99	19.53	19.97	21.17	21.35	21.77	22.31	22.75	23.95
	8H	18.62	18.99	19.59	19.96	21.18	21.50	21.87	22.47	22.84	24.06
	12H	18.61	18.93	19.58	19.90	21.16	21.61	21.93	22.58	22.90	24.16
12H	4H	18.32	18.77	19.27	19.73	20.94	20.88	21.33	21.83	22.29	23.50
	6H	18.64	19.01	19.61	19.98	21.20	21.35	21.72	22.32	22.69	23.91
	8H	18.71	19.03	19.68	20.00	21.27	21.52	21.84	22.49	22.81	24.07