

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: P935388

Luminaire Tested: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935388
REPORT IS A COMBINATION OF REPORTS P933751 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

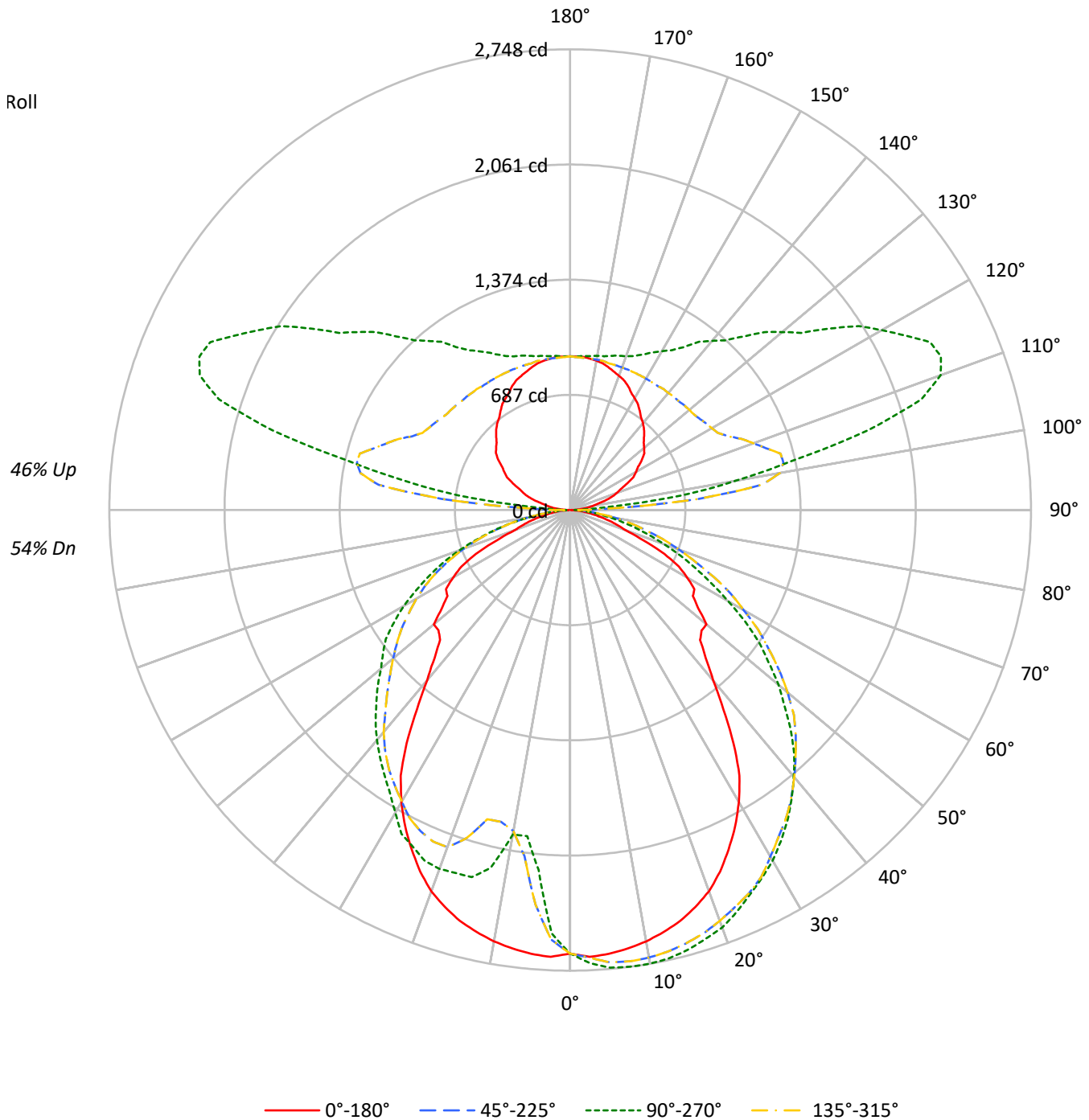
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12804.2 lumens
Efficiency: N/A
Efficacy: 124.1 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: General Diffuse

Input Watts (W): 103.2
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

TEST NUMBER: P935388
CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

Luminous Intensity Polar Plot





TEST NUMBER: P935388

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

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	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16364	16364	16364	16364
5°	16480	16518	16480	12988
10°	16364	16272	16364	11633
15°	16180	15919	16180	13292
20°	15835	15502	15835	13321
25°	15136	14892	15136	13038
30°	14235	14387	14235	12419
35°	12685	13747	12685	11737
40°	10564	12994	10564	11223
45°	9432	12113	9432	10631
50°	10013	11061	10013	10037
55°	9412	9928	9412	9694
60°	9691	8432	9691	8878
65°	8772	6970	8772	7792
70°	6058	5555	6058	6531
75°	5295	4106	5295	4917
80°	4238	2714	4238	2955
85°	2385	1438	2385	1222

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14466 cd/sqm



TEST NUMBER: P935388

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	238.8	1.9
10°-20°	678.0	5.3
20°-30°	1048.0	8.2
30°-40°	1251.1	9.8
40°-50°	1258.4	9.8
50°-60°	1095.0	8.6
60°-70°	776.4	6.1
70°-80°	410.7	3.2
80°-90°	105.8	0.8
90°-100°	446.8	3.5
100°-110°	1174.7	9.2
110°-120°	1218.0	9.5
120°-130°	977.0	7.6
130°-140°	766.6	6.0
140°-150°	588.4	4.6
150°-160°	423.7	3.3
160°-170°	259.3	2.0
170°-180°	87.6	0.7
0°-30°	1964.7	15.3
0°-40°	3215.8	25.1
0°-60°	5569.2	43.5
0°-90°	6862.1	53.6
90°-120°	2839.5	22.2
90°-150°	5171.5	40.4
90°-180°	5942.0	46.4
0°-180°	12804.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2645	2645	2645	2645	2645	
5°	2658	2740	2658	2155	2658	252
15°	2538	2715	2538	2267	2538	714
25°	2235	2533	2235	2217	2235	1026
35°	1699	2260	1699	1930	1699	1051
45°	1096	1862	1096	1634	1096	878
55°	893	1374	893	1341	893	821
65°	621	828	621	926	621	593
75°	235	393	235	470	235	247
85°	40	100	40	85	40	54
90°	6	23	6	23	6	7
95°	59	270	59	270	59	66
105°	212	1839	212	1839	212	224
115°	376	2368	376	2368	376	371
125°	523	1886	523	1886	523	464
135°	623	1464	623	1464	623	482
145°	723	1187	723	1187	723	453
155°	817	1022	817	1022	817	375
165°	882	952	882	952	882	249
175°	917	923	917	923	917	87
180°	917	917	917	917	917	



TEST NUMBER: P935388

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2
2.5°	2667.7	2667.7	2682.8	2687.7	2687.7	2680.2	2672.8	2680.2	2702.8	2710.3	2707.8
5°	2657.8	2677.8	2705.3	2710.3	2715.3	2712.8	2707.8	2712.8	2737.8	2742.9	2745.3
7.5°	2637.7	2675.2	2710.3	2717.8	2725.3	2717.8	2715.3	2720.3	2745.3	2750.3	2750.3
10°	2612.7	2665.3	2705.3	2710.3	2717.8	2710.3	2710.3	2720.3	2745.3	2750.3	2752.8
12.5°	2577.7	2650.3	2687.7	2692.8	2702.8	2700.3	2697.8	2707.8	2732.8	2737.8	2737.8
15°	2537.7	2622.7	2657.8	2662.8	2680.2	2675.2	2675.2	2685.3	2712.8	2720.3	2717.8
17.5°	2482.6	2587.7	2627.7	2635.2	2647.7	2645.2	2647.7	2657.8	2682.8	2687.7	2690.3
20°	2420.0	2540.1	2587.7	2595.2	2607.7	2607.7	2607.7	2620.2	2645.2	2655.2	2655.2
22.5°	2334.9	2490.0	2540.1	2545.2	2560.1	2560.1	2565.2	2582.6	2605.2	2607.7	2607.7
25°	2234.8	2435.0	2477.5	2492.6	2507.6	2515.1	2522.6	2532.6	2540.1	2537.7	2540.1
27.5°	2129.7	2364.9	2420.0	2430.0	2450.0	2457.5	2467.6	2470.0	2472.6	2480.1	2475.1
30°	2012.0	2267.3	2349.9	2359.9	2392.4	2397.5	2387.5	2392.4	2405.0	2410.0	2415.0
32.5°	1879.4	2122.2	2277.4	2299.8	2329.9	2314.9	2312.4	2319.9	2339.9	2339.9	2344.9
35°	1699.3	2009.6	2209.8	2229.8	2252.3	2234.8	2244.8	2247.3	2259.8	2267.3	2264.8
37.5°	1501.6	1912.0	2139.7	2154.7	2172.3	2149.7	2164.8	2172.3	2182.2	2177.3	2177.3
40°	1326.4	1759.3	2057.1	2067.1	2082.1	2064.6	2079.7	2084.7	2089.6	2084.7	2082.1
42.5°	1196.2	1591.6	1969.5	1982.1	1972.0	1984.5	1989.6	1999.6	1992.0	1982.1	1982.1
45°	1096.1	1546.6	1874.4	1889.5	1874.4	1894.5	1902.0	1902.0	1879.4	1874.4	1871.9
47.5°	1063.6	1456.5	1779.3	1779.3	1771.8	1796.9	1809.4	1791.9	1769.3	1761.8	1761.8
50°	1061.1	1356.4	1649.2	1639.2	1674.2	1704.3	1691.8	1674.2	1656.7	1629.2	1629.2
52.5°	963.5	1233.8	1481.6	1519.0	1574.1	1591.6	1571.6	1554.1	1524.1	1511.5	1501.6
55°	893.4	1106.1	1328.8	1404.0	1461.5	1484.0	1446.5	1429.0	1383.9	1376.5	1371.4
57.5°	878.4	920.9	1188.7	1283.9	1353.9	1351.4	1328.8	1296.3	1258.8	1251.3	1248.8
60°	805.9	665.6	1038.6	1151.2	1223.7	1216.2	1196.2	1166.2	1131.1	1126.2	1121.2
62.5°	730.7	483.0	868.4	996.1	1098.6	1096.1	1078.6	1033.5	1008.6	996.1	986.0
65°	620.7	405.4	618.1	828.3	976.0	981.0	943.5	911.0	883.5	868.4	865.9
67.5°	473.0	330.3	418.0	690.7	858.4	853.4	805.9	790.8	755.8	748.3	733.3
70°	350.3	220.3	290.3	560.5	743.2	730.7	693.3	675.7	643.2	625.6	615.7
72.5°	290.3	177.7	212.7	435.4	625.6	610.6	578.1	558.1	530.6	515.6	505.5
75°	235.3	187.7	162.7	322.8	508.0	498.0	468.0	447.9	425.5	405.4	407.9
77.5°	172.6	175.2	130.2	237.7	402.9	387.9	370.3	345.4	335.3	315.3	315.3
80°	130.2	137.6	97.6	162.7	290.3	290.3	275.3	257.7	240.3	230.2	230.2
82.5°	87.6	87.6	72.6	102.6	197.7	190.2	180.1	175.2	165.2	160.1	160.1
85°	40.0	50.1	45.1	62.6	107.6	112.6	112.6	107.6	105.1	100.1	102.6
87.5°	12.5	22.5	27.5	35.0	55.0	57.6	60.0	60.0	60.0	62.6	62.6
90°	6.1	11.0	16.0	17.3	27.1	40.2	46.7	41.5	31.2	23.4	23.4
92.5°	24.6	66.5	108.3	118.7	166.9	231.1	263.3	230.7	165.6	116.8	112.2
95°	59.1	135.6	212.2	231.3	410.8	650.0	769.6	686.7	521.0	396.8	382.7
97.5°	102.1	169.7	237.2	254.1	553.2	952.2	1151.6	1099.3	994.6	916.0	889.2
100°	135.4	196.6	257.8	273.1	605.1	1047.7	1269.1	1272.9	1280.6	1286.3	1254.4
102.5°	163.7	220.9	278.0	292.3	629.0	1077.9	1302.3	1369.1	1502.5	1602.5	1575.2
105°	211.6	260.0	308.4	320.5	646.6	1081.3	1298.7	1448.2	1747.3	1971.6	1956.9
107.5°	260.8	306.0	351.1	362.4	649.9	1033.1	1224.8	1433.4	1850.6	2163.6	2167.1
110°	294.0	334.7	375.6	385.7	644.9	990.5	1163.3	1396.5	1862.9	2212.8	2228.1



TEST NUMBER: P935388

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	326.7	365.5	404.4	414.0	645.1	953.3	1107.3	1346.0	1823.4	2181.4	2204.9
115°	375.9	411.7	447.4	456.4	651.1	910.5	1040.2	1270.2	1730.1	2075.0	2107.7
117.5°	424.5	457.0	489.5	497.6	663.1	883.8	994.1	1201.6	1616.6	1927.9	1964.1
120°	452.8	483.4	514.0	521.7	673.0	874.8	975.6	1165.3	1544.5	1828.9	1864.0
122.5°	480.5	511.3	542.3	550.0	687.1	870.0	961.5	1132.3	1473.8	1729.8	1764.5
125°	522.9	551.1	579.3	586.3	706.3	866.2	946.2	1091.2	1381.3	1598.9	1630.8
127.5°	557.4	585.8	614.3	621.4	725.3	863.9	933.2	1057.8	1306.8	1493.7	1520.6
130°	575.8	606.5	637.1	644.7	739.3	865.3	928.3	1039.1	1260.9	1427.2	1452.1
132.5°	594.9	625.5	656.1	663.8	750.5	866.2	924.0	1023.3	1221.8	1370.6	1392.9
135°	623.2	651.1	679.0	686.0	762.9	865.3	916.6	999.7	1165.9	1290.7	1309.9
137.5°	652.0	679.6	707.4	714.3	781.3	870.7	915.4	985.7	1126.2	1231.6	1247.3
140°	676.1	701.5	727.0	733.3	792.5	871.5	911.1	971.8	1093.2	1184.2	1198.9
142.5°	694.5	718.1	741.6	747.5	802.0	874.7	911.1	964.4	1071.0	1151.0	1163.6
145°	722.8	743.3	763.9	769.0	814.3	874.8	905.0	948.5	1035.8	1101.2	1110.7
147.5°	751.1	771.1	791.0	796.0	832.3	880.7	905.0	939.3	1007.9	1059.4	1067.2
150°	769.6	787.6	805.7	810.2	841.7	883.9	905.0	933.9	991.8	1035.3	1041.7
152.5°	788.7	802.4	816.0	819.5	848.0	885.9	905.0	929.7	979.2	1016.3	1021.1
155°	817.0	827.1	837.1	839.7	861.5	890.5	905.0	924.7	964.0	993.5	996.7
157.5°	837.9	847.8	857.5	860.0	875.0	895.0	905.0	920.2	950.9	973.9	976.1
160°	852.0	859.7	867.4	869.3	881.2	897.1	905.0	918.1	944.3	964.0	965.3
162.5°	866.2	871.9	877.6	879.1	887.7	899.2	905.0	916.0	938.2	954.7	955.9
165°	881.6	886.7	891.9	893.2	897.2	902.4	905.0	912.8	928.7	940.6	941.9
167.5°	895.7	898.1	900.6	901.2	904.5	908.9	911.1	916.3	926.6	934.4	935.0
170°	905.0	907.4	909.9	910.5	910.7	911.0	911.1	916.3	926.6	934.4	934.4
172.5°	909.9	910.4	911.0	911.1	911.1	911.1	911.1	915.2	923.4	929.5	929.0
175°	916.6	916.6	916.6	916.6	914.7	912.2	911.1	913.6	918.9	922.8	922.8
177.5°	916.6	916.6	916.6	916.6	915.2	913.3	912.3	914.4	918.5	921.5	920.9
180°	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6



TEST NUMBER: P935388

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2
2.5°	2712.8	2705.3	2712.8	2707.8	2710.3	2702.8	2680.2	2672.8	2680.2	2687.7	2687.7
5°	2745.3	2740.3	2745.3	2745.3	2742.9	2737.8	2712.8	2707.8	2712.8	2715.3	2710.3
7.5°	2755.4	2747.9	2755.4	2750.3	2750.3	2745.3	2720.3	2715.3	2717.8	2725.3	2717.8
10°	2755.4	2747.9	2755.4	2752.8	2750.3	2745.3	2720.3	2710.3	2710.3	2717.8	2710.3
12.5°	2742.9	2737.8	2742.9	2737.8	2737.8	2732.8	2707.8	2697.8	2700.3	2702.8	2692.8
15°	2722.8	2715.3	2722.8	2717.8	2720.3	2712.8	2685.3	2675.2	2675.2	2680.2	2662.8
17.5°	2692.8	2682.8	2692.8	2690.3	2687.7	2682.8	2657.8	2647.7	2645.2	2647.7	2635.2
20°	2657.8	2650.3	2657.8	2655.2	2655.2	2645.2	2620.2	2607.7	2607.7	2607.7	2595.2
22.5°	2602.6	2595.2	2602.6	2607.7	2607.7	2605.2	2582.6	2565.2	2560.1	2560.1	2545.2
25°	2540.1	2532.6	2540.1	2540.1	2537.7	2540.1	2532.6	2522.6	2515.1	2507.6	2492.6
27.5°	2480.1	2475.1	2480.1	2475.1	2480.1	2472.6	2470.0	2467.6	2457.5	2450.0	2430.0
30°	2420.0	2415.0	2420.0	2415.0	2410.0	2405.0	2392.4	2387.5	2397.5	2392.4	2359.9
32.5°	2344.9	2339.9	2344.9	2344.9	2339.9	2339.9	2319.9	2312.4	2314.9	2329.9	2299.8
35°	2267.3	2259.8	2267.3	2264.8	2267.3	2259.8	2247.3	2244.8	2234.8	2252.3	2229.8
37.5°	2177.3	2169.7	2177.3	2177.3	2177.3	2182.2	2172.3	2164.8	2149.7	2172.3	2154.7
40°	2084.7	2074.6	2084.7	2082.1	2084.7	2089.6	2084.7	2079.7	2064.6	2082.1	2067.1
42.5°	1979.6	1977.0	1979.6	1982.1	1982.1	1992.0	1999.6	1989.6	1984.5	1972.0	1982.1
45°	1866.9	1862.0	1866.9	1871.9	1874.4	1879.4	1902.0	1902.0	1894.5	1874.4	1889.5
47.5°	1746.8	1734.3	1746.8	1761.8	1761.8	1769.3	1791.9	1809.4	1796.9	1771.8	1779.3
50°	1619.2	1621.7	1619.2	1629.2	1629.2	1656.7	1674.2	1691.8	1704.3	1674.2	1639.2
52.5°	1494.1	1491.5	1494.1	1501.6	1511.5	1524.1	1554.1	1571.6	1591.6	1574.1	1519.0
55°	1368.9	1373.9	1368.9	1371.4	1376.5	1383.9	1429.0	1446.5	1484.0	1461.5	1404.0
57.5°	1243.7	1236.2	1243.7	1248.8	1251.3	1258.8	1296.3	1328.8	1351.4	1353.9	1283.9
60°	1098.6	1088.6	1098.6	1121.2	1126.2	1131.1	1166.2	1196.2	1216.2	1223.7	1151.2
62.5°	971.0	953.5	971.0	986.0	996.1	1008.6	1033.5	1078.6	1096.1	1098.6	996.1
65°	835.8	828.3	835.8	865.9	868.4	883.5	911.0	943.5	981.0	976.0	828.3
67.5°	713.3	713.3	713.3	733.3	748.3	755.8	790.8	805.9	853.4	858.4	690.7
70°	600.6	598.1	600.6	615.7	625.6	643.2	675.7	693.3	730.7	743.2	560.5
72.5°	493.0	490.5	493.0	505.5	515.6	530.6	558.1	578.1	610.6	625.6	435.4
75°	397.9	392.9	397.9	407.9	405.4	425.5	447.9	468.0	498.0	508.0	322.8
77.5°	305.4	305.4	305.4	315.3	315.3	335.3	345.4	370.3	387.9	402.9	237.7
80°	227.8	225.2	227.8	230.2	230.2	240.3	257.7	275.3	290.3	290.3	162.7
82.5°	160.1	155.2	160.1	160.1	160.1	165.2	175.2	180.1	190.2	197.7	102.6
85°	100.1	100.1	100.1	102.6	100.1	105.1	107.6	112.6	112.6	107.6	62.6
87.5°	65.1	62.6	65.1	62.6	62.6	60.0	60.0	60.0	57.6	55.0	35.0
90°	23.4	23.4	23.4	23.4	23.4	31.2	41.5	46.7	40.2	27.1	17.3
92.5°	93.6	75.0	93.6	112.2	116.8	165.6	230.7	263.3	231.1	166.9	118.7
95°	326.4	270.1	326.4	382.7	396.8	521.0	686.7	769.6	650.0	410.8	231.3
97.5°	782.0	674.8	782.0	889.2	916.0	994.6	1099.3	1151.6	952.2	553.2	254.1
100°	1126.7	999.0	1126.7	1254.4	1286.3	1280.6	1272.9	1269.1	1047.7	605.1	273.1
102.5°	1465.8	1356.4	1465.8	1575.2	1602.5	1502.5	1369.1	1302.3	1077.9	629.0	292.3
105°	1898.1	1839.4	1898.1	1956.9	1971.6	1747.3	1448.2	1298.7	1081.3	646.6	320.5
107.5°	2181.4	2195.6	2181.4	2167.1	2163.6	1850.6	1433.4	1224.8	1033.1	649.9	362.4
110°	2289.4	2350.6	2289.4	2228.1	2212.8	1862.9	1396.5	1163.3	990.5	644.9	385.7



TEST NUMBER: P935388

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2299.0	2393.0	2299.0	2204.9	2181.4	1823.4	1346.0	1107.3	953.3	645.1	414.0
115°	2238.0	2368.5	2238.0	2107.7	2075.0	1730.1	1270.2	1040.2	910.5	651.1	456.4
117.5°	2108.8	2253.4	2108.8	1964.1	1927.9	1616.6	1201.6	994.1	883.8	663.1	497.6
120°	2004.6	2145.1	2004.6	1864.0	1828.9	1544.5	1165.3	975.6	874.8	673.0	521.7
122.5°	1903.2	2041.8	1903.2	1764.5	1729.8	1473.8	1132.3	961.5	870.0	687.1	550.0
125°	1758.4	1886.1	1758.4	1630.8	1598.9	1381.3	1091.2	946.2	866.2	706.3	586.3
127.5°	1628.4	1736.1	1628.4	1520.6	1493.7	1306.8	1057.8	933.2	863.9	725.3	621.4
130°	1551.7	1651.2	1551.7	1452.1	1427.2	1260.9	1039.1	928.3	865.3	739.3	644.7
132.5°	1482.1	1571.2	1482.1	1392.9	1370.6	1221.8	1023.3	924.0	866.2	750.5	663.8
135°	1386.7	1463.5	1386.7	1309.9	1290.7	1165.9	999.7	916.6	865.3	762.9	686.0
137.5°	1310.2	1373.1	1310.2	1247.3	1231.6	1126.2	985.7	915.4	870.7	781.3	714.3
140°	1257.7	1316.5	1257.7	1198.9	1184.2	1093.2	971.8	911.1	871.5	792.5	733.3
142.5°	1214.3	1264.8	1214.3	1163.6	1151.0	1071.0	964.4	911.1	874.7	802.0	747.5
145°	1149.1	1187.3	1149.1	1110.7	1101.2	1035.8	948.5	905.0	874.8	814.3	769.0
147.5°	1099.0	1130.7	1099.0	1067.2	1059.4	1007.9	939.3	905.0	880.7	832.3	796.0
150°	1067.4	1093.2	1067.4	1041.7	1035.3	991.8	933.9	905.0	883.9	841.7	810.2
152.5°	1040.5	1060.0	1040.5	1021.1	1016.3	979.2	929.7	905.0	885.9	848.0	819.5
155°	1009.6	1022.4	1009.6	996.7	993.5	964.0	924.7	905.0	890.5	861.5	839.7
157.5°	985.1	994.1	985.1	976.1	973.9	950.9	920.2	905.0	895.0	875.0	860.0
160°	970.5	975.6	970.5	965.3	964.0	944.3	918.1	905.0	897.1	881.2	869.3
162.5°	960.9	965.8	960.9	955.9	954.7	938.2	916.0	905.0	899.2	887.7	879.1
165°	947.2	952.3	947.2	941.9	940.6	928.7	912.8	905.0	902.4	897.2	893.2
167.5°	937.2	939.4	937.2	935.0	934.4	926.6	916.3	911.1	908.9	904.5	901.2
170°	934.4	934.4	934.4	934.4	934.4	926.6	916.3	911.1	911.0	910.7	910.5
172.5°	927.1	925.3	927.1	929.0	929.5	923.4	915.2	911.1	911.1	911.1	911.1
175°	922.8	922.8	922.8	922.8	922.8	918.9	913.6	911.1	912.2	914.7	916.6
177.5°	918.8	916.6	918.8	920.9	921.5	918.5	914.4	912.3	913.3	915.2	916.6
180°	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6



TEST NUMBER: P935388

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2
2.5°	2682.8	2667.7	2667.7	2642.8	2632.7	2625.2	2612.7	2575.1	2565.2	2555.1	2570.1
5°	2705.3	2677.8	2657.8	2612.7	2575.1	2560.1	2512.6	2422.5	2362.5	2317.4	2292.4
7.5°	2710.3	2675.2	2637.7	2567.6	2477.5	2437.5	2292.4	2127.2	2082.1	2042.1	2017.1
10°	2705.3	2665.3	2612.7	2507.6	2294.9	2224.8	2079.7	1972.0	1944.5	1937.0	1944.5
12.5°	2687.7	2650.3	2577.7	2402.5	2104.7	2057.1	1972.0	1909.5	1904.5	1917.0	1984.5
15°	2657.8	2622.7	2537.7	2262.4	1999.6	1964.5	1904.5	1882.0	1909.5	1997.0	2199.8
17.5°	2627.7	2587.7	2482.6	2124.7	1919.4	1894.5	1851.9	1897.0	2052.2	2169.7	2237.3
20°	2587.7	2540.1	2420.0	2024.6	1862.0	1839.4	1819.4	2022.1	2139.7	2182.2	2219.8
22.5°	2540.1	2490.0	2334.9	1954.5	1801.8	1784.4	1796.9	2092.2	2139.7	2169.7	2202.2
25°	2477.5	2435.0	2234.8	1899.4	1754.3	1734.3	1781.8	2084.7	2112.2	2119.7	2184.8
27.5°	2420.0	2364.9	2129.7	1849.4	1696.7	1689.2	1794.3	2052.2	2072.2	2079.7	2149.7
30°	2349.9	2267.3	2012.0	1796.9	1636.7	1634.2	1796.9	2012.0	2007.1	2027.1	2097.1
32.5°	2277.4	2122.2	1879.4	1731.8	1579.2	1576.6	1779.3	1952.0	1947.1	1974.6	2027.1
35°	2209.8	2009.6	1699.3	1656.7	1506.5	1509.1	1736.8	1882.0	1884.4	1909.5	1942.0
37.5°	2139.7	1912.0	1501.6	1574.1	1436.5	1436.5	1679.3	1816.9	1811.9	1819.4	1864.4
40°	2057.1	1759.3	1326.4	1466.5	1371.4	1363.9	1609.2	1746.8	1729.2	1726.8	1789.4
42.5°	1969.5	1591.6	1196.2	1323.9	1296.3	1286.3	1524.1	1661.7	1629.2	1636.7	1716.7
45°	1874.4	1546.6	1096.1	1118.6	1218.8	1211.2	1431.5	1564.1	1541.6	1561.6	1644.2
47.5°	1779.3	1456.5	1063.6	928.4	1136.2	1133.7	1328.8	1469.0	1456.5	1476.5	1564.1
50°	1649.2	1356.4	1061.1	795.8	1043.6	1053.5	1206.3	1376.5	1376.5	1393.9	1486.5
52.5°	1481.6	1233.8	963.5	720.8	936.0	966.0	1098.6	1296.3	1301.3	1318.9	1401.4
55°	1328.8	1106.1	893.4	663.2	808.3	873.4	993.5	1213.8	1223.7	1241.3	1316.3
57.5°	1188.7	920.9	878.4	595.6	690.7	753.3	900.9	1133.7	1138.6	1153.7	1226.3
60°	1038.6	665.6	805.9	523.1	588.1	635.7	815.8	1038.6	1056.1	1066.1	1128.7
62.5°	868.4	483.0	730.7	473.0	538.1	548.0	745.8	948.4	971.0	978.5	1016.1
65°	618.1	405.4	620.7	430.5	485.5	488.0	670.7	855.8	875.9	888.4	916.0
67.5°	418.0	330.3	473.0	390.4	445.5	447.9	598.1	748.3	775.8	785.8	803.3
70°	290.3	220.3	350.3	347.9	400.4	405.4	520.5	650.7	675.7	683.2	693.3
72.5°	212.7	177.7	290.3	312.9	352.9	357.9	440.4	540.5	565.6	573.1	578.1
75°	162.7	187.7	235.3	272.8	300.3	302.8	360.4	440.4	458.0	463.0	465.5
77.5°	130.2	175.2	172.6	220.3	245.2	240.3	282.8	340.4	355.4	355.4	355.4
80°	97.6	137.6	130.2	157.7	180.1	175.2	202.7	242.8	247.8	252.7	250.2
82.5°	72.6	87.6	87.6	100.1	120.1	115.2	135.2	157.7	157.7	157.7	162.7
85°	45.1	50.1	40.0	52.6	67.5	65.1	75.0	85.1	87.6	87.6	82.6
87.5°	27.5	22.5	12.5	20.0	30.1	30.1	35.0	37.6	35.0	35.0	35.0
90°	16.0	11.0	6.1	11.0	16.0	17.3	27.1	40.2	46.7	41.5	31.2
92.5°	108.3	66.5	24.6	66.5	108.3	118.7	166.9	231.1	263.3	230.7	165.6
95°	212.2	135.6	59.1	135.6	212.2	231.3	410.8	650.0	769.6	686.7	521.0
97.5°	237.2	169.7	102.1	169.7	237.2	254.1	553.2	952.2	1151.6	1099.3	994.6
100°	257.8	196.6	135.4	196.6	257.8	273.1	605.1	1047.7	1269.1	1272.9	1280.6
102.5°	278.0	220.9	163.7	220.9	278.0	292.3	629.0	1077.9	1302.3	1369.1	1502.5
105°	308.4	260.0	211.6	260.0	308.4	320.5	646.6	1081.3	1298.7	1448.2	1747.3
107.5°	351.1	306.0	260.8	306.0	351.1	362.4	649.9	1033.1	1224.8	1433.4	1850.6
110°	375.6	334.7	294.0	334.7	375.6	385.7	644.9	990.5	1163.3	1396.5	1862.9



TEST NUMBER: P935388

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	404.4	365.5	326.7	365.5	404.4	414.0	645.1	953.3	1107.3	1346.0	1823.4
115°	447.4	411.7	375.9	411.7	447.4	456.4	651.1	910.5	1040.2	1270.2	1730.1
117.5°	489.5	457.0	424.5	457.0	489.5	497.6	663.1	883.8	994.1	1201.6	1616.6
120°	514.0	483.4	452.8	483.4	514.0	521.7	673.0	874.8	975.6	1165.3	1544.5
122.5°	542.3	511.3	480.5	511.3	542.3	550.0	687.1	870.0	961.5	1132.3	1473.8
125°	579.3	551.1	522.9	551.1	579.3	586.3	706.3	866.2	946.2	1091.2	1381.3
127.5°	614.3	585.8	557.4	585.8	614.3	621.4	725.3	863.9	933.2	1057.8	1306.8
130°	637.1	606.5	575.8	606.5	637.1	644.7	739.3	865.3	928.3	1039.1	1260.9
132.5°	656.1	625.5	594.9	625.5	656.1	663.8	750.5	866.2	924.0	1023.3	1221.8
135°	679.0	651.1	623.2	651.1	679.0	686.0	762.9	865.3	916.6	999.7	1165.9
137.5°	707.4	679.6	652.0	679.6	707.4	714.3	781.3	870.7	915.4	985.7	1126.2
140°	727.0	701.5	676.1	701.5	727.0	733.3	792.5	871.5	911.1	971.8	1093.2
142.5°	741.6	718.1	694.5	718.1	741.6	747.5	802.0	874.7	911.1	964.4	1071.0
145°	763.9	743.3	722.8	743.3	763.9	769.0	814.3	874.8	905.0	948.5	1035.8
147.5°	791.0	771.1	751.1	771.1	791.0	796.0	832.3	880.7	905.0	939.3	1007.9
150°	805.7	787.6	769.6	787.6	805.7	810.2	841.7	883.9	905.0	933.9	991.8
152.5°	816.0	802.4	788.7	802.4	816.0	819.5	848.0	885.9	905.0	929.7	979.2
155°	837.1	827.1	817.0	827.1	837.1	839.7	861.5	890.5	905.0	924.7	964.0
157.5°	857.5	847.8	837.9	847.8	857.5	860.0	875.0	895.0	905.0	920.2	950.9
160°	867.4	859.7	852.0	859.7	867.4	869.3	881.2	897.1	905.0	918.1	944.3
162.5°	877.6	871.9	866.2	871.9	877.6	879.1	887.7	899.2	905.0	916.0	938.2
165°	891.9	886.7	881.6	886.7	891.9	893.2	897.2	902.4	905.0	912.8	928.7
167.5°	900.6	898.1	895.7	898.1	900.6	901.2	904.5	908.9	911.1	916.3	926.6
170°	909.9	907.4	905.0	907.4	909.9	910.5	910.7	911.0	911.1	916.3	926.6
172.5°	911.0	910.4	909.9	910.4	911.0	911.1	911.1	911.1	911.1	915.2	923.4
175°	916.6	916.6	916.6	916.6	916.6	916.6	914.7	912.2	911.1	913.6	918.9
177.5°	916.6	916.6	916.6	916.6	916.6	916.6	915.2	913.3	912.3	914.4	918.5
180°	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6



TEST NUMBER: P935388

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2	2645.2
2.5°	2552.7	2545.2	2555.1	2527.6	2555.1	2545.2	2552.7	2570.1	2555.1	2565.2	2575.1
5°	2239.8	2227.3	2187.2	2154.7	2187.2	2227.3	2239.8	2292.4	2317.4	2362.5	2422.5
7.5°	2002.1	1992.0	1982.1	1962.0	1982.1	1992.0	2002.1	2017.1	2042.1	2082.1	2127.2
10°	1949.5	1952.0	1967.1	1964.5	1967.1	1952.0	1949.5	1944.5	1937.0	1944.5	1972.0
12.5°	2084.7	2107.2	2189.8	2184.8	2189.8	2107.2	2084.7	1984.5	1917.0	1904.5	1909.5
15°	2239.8	2247.3	2264.8	2267.3	2264.8	2247.3	2239.8	2199.8	1997.0	1909.5	1882.0
17.5°	2254.8	2257.3	2269.9	2269.9	2269.9	2257.3	2254.8	2237.3	2169.7	2052.2	1897.0
20°	2242.4	2247.3	2272.3	2277.4	2272.3	2247.3	2242.4	2219.8	2182.2	2139.7	2022.1
22.5°	2237.3	2247.3	2267.3	2264.8	2267.3	2247.3	2237.3	2202.2	2169.7	2139.7	2092.2
25°	2212.3	2212.3	2214.8	2217.3	2214.8	2212.3	2212.3	2184.8	2119.7	2112.2	2084.7
27.5°	2159.7	2164.8	2179.8	2177.3	2179.8	2164.8	2159.7	2149.7	2079.7	2072.2	2052.2
30°	2112.2	2107.2	2094.7	2084.7	2094.7	2107.2	2112.2	2097.1	2027.1	2007.1	2012.0
32.5°	2032.1	2019.6	2007.1	1999.6	2007.1	2019.6	2032.1	2027.1	1974.6	1947.1	1952.0
35°	1937.0	1939.5	1937.0	1929.5	1937.0	1939.5	1937.0	1942.0	1909.5	1884.4	1882.0
37.5°	1869.5	1874.4	1871.9	1862.0	1871.9	1874.4	1869.5	1864.4	1819.4	1811.9	1816.9
40°	1799.4	1801.8	1799.4	1791.9	1799.4	1801.8	1799.4	1789.4	1726.8	1729.2	1746.8
42.5°	1731.8	1729.2	1721.8	1716.7	1721.8	1729.2	1731.8	1716.7	1636.7	1629.2	1661.7
45°	1654.2	1656.7	1641.7	1634.2	1641.7	1656.7	1654.2	1644.2	1561.6	1541.6	1564.1
47.5°	1576.6	1576.6	1564.1	1556.6	1564.1	1576.6	1576.6	1564.1	1476.5	1456.5	1469.0
50°	1494.1	1491.5	1474.1	1471.5	1474.1	1491.5	1494.1	1486.5	1393.9	1376.5	1376.5
52.5°	1398.9	1398.9	1401.4	1406.4	1401.4	1398.9	1398.9	1401.4	1318.9	1301.3	1296.3
55°	1316.3	1318.9	1336.4	1341.4	1336.4	1318.9	1316.3	1316.3	1241.3	1223.7	1213.8
57.5°	1231.3	1231.3	1243.7	1243.7	1243.7	1231.3	1231.3	1226.3	1153.7	1138.6	1133.7
60°	1133.7	1138.6	1148.7	1146.2	1148.7	1138.6	1133.7	1128.7	1066.1	1056.1	1038.6
62.5°	1031.1	1036.1	1038.6	1033.5	1038.6	1036.1	1031.1	1016.1	978.5	971.0	948.4
65°	923.5	928.4	931.0	926.0	931.0	928.4	923.5	916.0	888.4	875.9	855.8
67.5°	813.4	810.8	808.3	818.4	808.3	810.8	813.4	803.3	785.8	775.8	748.3
70°	700.8	700.8	698.2	703.2	698.2	700.8	700.8	693.3	683.2	675.7	650.7
72.5°	580.6	578.1	588.1	580.6	588.1	578.1	580.6	578.1	573.1	565.6	540.5
75°	463.0	468.0	463.0	470.5	463.0	468.0	463.0	465.5	463.0	458.0	440.4
77.5°	352.9	357.9	352.9	352.9	352.9	357.9	352.9	355.4	355.4	355.4	340.4
80°	250.2	247.8	247.8	245.2	247.8	247.8	250.2	250.2	252.7	247.8	242.8
82.5°	160.1	157.7	157.7	162.7	157.7	157.7	160.1	162.7	157.7	157.7	157.7
85°	87.6	90.1	85.1	85.1	85.1	90.1	87.6	82.6	87.6	87.6	85.1
87.5°	32.5	30.1	30.1	30.1	30.1	30.1	32.5	35.0	35.0	35.0	37.6
90°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	31.2	41.5	46.7	40.2
92.5°	116.8	112.2	93.6	75.0	93.6	112.2	116.8	165.6	230.7	263.3	231.1
95°	396.8	382.7	326.4	270.1	326.4	382.7	396.8	521.0	686.7	769.6	650.0
97.5°	916.0	889.2	782.0	674.8	782.0	889.2	916.0	994.6	1099.3	1151.6	952.2
100°	1286.3	1254.4	1126.7	999.0	1126.7	1254.4	1286.3	1280.6	1272.9	1269.1	1047.7
102.5°	1602.5	1575.2	1465.8	1356.4	1465.8	1575.2	1602.5	1502.5	1369.1	1302.3	1077.9
105°	1971.6	1956.9	1898.1	1839.4	1898.1	1956.9	1971.6	1747.3	1448.2	1298.7	1081.3
107.5°	2163.6	2167.1	2181.4	2195.6	2181.4	2167.1	2163.6	1850.6	1433.4	1224.8	1033.1
110°	2212.8	2228.1	2289.4	2350.6	2289.4	2228.1	2212.8	1862.9	1396.5	1163.3	990.5



TEST NUMBER: P935388

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2181.4	2204.9	2299.0	2393.0	2299.0	2204.9	2181.4	1823.4	1346.0	1107.3	953.3
115°	2075.0	2107.7	2238.0	2368.5	2238.0	2107.7	2075.0	1730.1	1270.2	1040.2	910.5
117.5°	1927.9	1964.1	2108.8	2253.4	2108.8	1964.1	1927.9	1616.6	1201.6	994.1	883.8
120°	1828.9	1864.0	2004.6	2145.1	2004.6	1864.0	1828.9	1544.5	1165.3	975.6	874.8
122.5°	1729.8	1764.5	1903.2	2041.8	1903.2	1764.5	1729.8	1473.8	1132.3	961.5	870.0
125°	1598.9	1630.8	1758.4	1886.1	1758.4	1630.8	1598.9	1381.3	1091.2	946.2	866.2
127.5°	1493.7	1520.6	1628.4	1736.1	1628.4	1520.6	1493.7	1306.8	1057.8	933.2	863.9
130°	1427.2	1452.1	1551.7	1651.2	1551.7	1452.1	1427.2	1260.9	1039.1	928.3	865.3
132.5°	1370.6	1392.9	1482.1	1571.2	1482.1	1392.9	1370.6	1221.8	1023.3	924.0	866.2
135°	1290.7	1309.9	1386.7	1463.5	1386.7	1309.9	1290.7	1165.9	999.7	916.6	865.3
137.5°	1231.6	1247.3	1310.2	1373.1	1310.2	1247.3	1231.6	1126.2	985.7	915.4	870.7
140°	1184.2	1198.9	1257.7	1316.5	1257.7	1198.9	1184.2	1093.2	971.8	911.1	871.5
142.5°	1151.0	1163.6	1214.3	1264.8	1214.3	1163.6	1151.0	1071.0	964.4	911.1	874.7
145°	1101.2	1110.7	1149.1	1187.3	1149.1	1110.7	1101.2	1035.8	948.5	905.0	874.8
147.5°	1059.4	1067.2	1099.0	1130.7	1099.0	1067.2	1059.4	1007.9	939.3	905.0	880.7
150°	1035.3	1041.7	1067.4	1093.2	1067.4	1041.7	1035.3	991.8	933.9	905.0	883.9
152.5°	1016.3	1021.1	1040.5	1060.0	1040.5	1021.1	1016.3	979.2	929.7	905.0	885.9
155°	993.5	996.7	1009.6	1022.4	1009.6	996.7	993.5	964.0	924.7	905.0	890.5
157.5°	973.9	976.1	985.1	994.1	985.1	976.1	973.9	950.9	920.2	905.0	895.0
160°	964.0	965.3	970.5	975.6	970.5	965.3	964.0	944.3	918.1	905.0	897.1
162.5°	954.7	955.9	960.9	965.8	960.9	955.9	954.7	938.2	916.0	905.0	899.2
165°	940.6	941.9	947.2	952.3	947.2	941.9	940.6	928.7	912.8	905.0	902.4
167.5°	934.4	935.0	937.2	939.4	937.2	935.0	934.4	926.6	916.3	911.1	908.9
170°	934.4	934.4	934.4	934.4	934.4	934.4	934.4	926.6	916.3	911.1	911.0
172.5°	929.5	929.0	927.1	925.3	927.1	929.0	929.5	923.4	915.2	911.1	911.1
175°	922.8	922.8	922.8	922.8	922.8	922.8	922.8	918.9	913.6	911.1	912.2
177.5°	921.5	920.9	918.8	916.6	918.8	920.9	921.5	918.5	914.4	912.3	913.3
180°	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6



TEST NUMBER: P935388

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2645.2	2645.2	2645.2	2645.2	2645.2
2.5°	2612.7	2625.2	2632.7	2642.8	2667.7
5°	2512.6	2560.1	2575.1	2612.7	2657.8
7.5°	2292.4	2437.5	2477.5	2567.6	2637.7
10°	2079.7	2224.8	2294.9	2507.6	2612.7
12.5°	1972.0	2057.1	2104.7	2402.5	2577.7
15°	1904.5	1964.5	1999.6	2262.4	2537.7
17.5°	1851.9	1894.5	1919.4	2124.7	2482.6
20°	1819.4	1839.4	1862.0	2024.6	2420.0
22.5°	1796.9	1784.4	1801.8	1954.5	2334.9
25°	1781.8	1734.3	1754.3	1899.4	2234.8
27.5°	1794.3	1689.2	1696.7	1849.4	2129.7
30°	1796.9	1634.2	1636.7	1796.9	2012.0
32.5°	1779.3	1576.6	1579.2	1731.8	1879.4
35°	1736.8	1509.1	1506.5	1656.7	1699.3
37.5°	1679.3	1436.5	1436.5	1574.1	1501.6
40°	1609.2	1363.9	1371.4	1466.5	1326.4
42.5°	1524.1	1286.3	1296.3	1323.9	1196.2
45°	1431.5	1211.2	1218.8	1118.6	1096.1
47.5°	1328.8	1133.7	1136.2	928.4	1063.6
50°	1206.3	1053.5	1043.6	795.8	1061.1
52.5°	1098.6	966.0	936.0	720.8	963.5
55°	993.5	873.4	808.3	663.2	893.4
57.5°	900.9	753.3	690.7	595.6	878.4
60°	815.8	635.7	588.1	523.1	805.9
62.5°	745.8	548.0	538.1	473.0	730.7
65°	670.7	488.0	485.5	430.5	620.7
67.5°	598.1	447.9	445.5	390.4	473.0
70°	520.5	405.4	400.4	347.9	350.3
72.5°	440.4	357.9	352.9	312.9	290.3
75°	360.4	302.8	300.3	272.8	235.3
77.5°	282.8	240.3	245.2	220.3	172.6
80°	202.7	175.2	180.1	157.7	130.2
82.5°	135.2	115.2	120.1	100.1	87.6
85°	75.0	65.1	67.5	52.6	40.0
87.5°	35.0	30.1	30.1	20.0	12.5
90°	27.1	17.3	16.0	11.0	6.1
92.5°	166.9	118.7	108.3	66.5	24.6
95°	410.8	231.3	212.2	135.6	59.1
97.5°	553.2	254.1	237.2	169.7	102.1
100°	605.1	273.1	257.8	196.6	135.4
102.5°	629.0	292.3	278.0	220.9	163.7
105°	646.6	320.5	308.4	260.0	211.6
107.5°	649.9	362.4	351.1	306.0	260.8
110°	644.9	385.7	375.6	334.7	294.0



TEST NUMBER: P935388

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	645.1	414.0	404.4	365.5	326.7
115°	651.1	456.4	447.4	411.7	375.9
117.5°	663.1	497.6	489.5	457.0	424.5
120°	673.0	521.7	514.0	483.4	452.8
122.5°	687.1	550.0	542.3	511.3	480.5
125°	706.3	586.3	579.3	551.1	522.9
127.5°	725.3	621.4	614.3	585.8	557.4
130°	739.3	644.7	637.1	606.5	575.8
132.5°	750.5	663.8	656.1	625.5	594.9
135°	762.9	686.0	679.0	651.1	623.2
137.5°	781.3	714.3	707.4	679.6	652.0
140°	792.5	733.3	727.0	701.5	676.1
142.5°	802.0	747.5	741.6	718.1	694.5
145°	814.3	769.0	763.9	743.3	722.8
147.5°	832.3	796.0	791.0	771.1	751.1
150°	841.7	810.2	805.7	787.6	769.6
152.5°	848.0	819.5	816.0	802.4	788.7
155°	861.5	839.7	837.1	827.1	817.0
157.5°	875.0	860.0	857.5	847.8	837.9
160°	881.2	869.3	867.4	859.7	852.0
162.5°	887.7	879.1	877.6	871.9	866.2
165°	897.2	893.2	891.9	886.7	881.6
167.5°	904.5	901.2	900.6	898.1	895.7
170°	910.7	910.5	909.9	907.4	905.0
172.5°	911.1	911.1	911.0	910.4	909.9
175°	914.7	916.6	916.6	916.6	916.6
177.5°	915.2	916.6	916.6	916.6	916.6
180°	916.6	916.6	916.6	916.6	916.6



TEST NUMBER: P935388
 CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-3000K

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	14.84	15.73	15.77	16.68	17.90	17.66	18.56	18.59	19.50	20.72
	3H	15.32	16.12	16.26	17.07	18.32	19.01	19.81	19.95	20.77	22.01
	4H	15.51	16.27	16.46	17.23	18.48	19.45	20.21	20.41	21.17	22.42
	6H	15.63	16.33	16.60	17.29	18.56	19.74	20.44	20.70	21.40	22.67
	8H	15.64	16.30	16.61	17.28	18.54	19.82	20.48	20.79	21.46	22.72
	12H	15.61	16.24	16.58	17.21	18.50	19.85	20.49	20.83	21.46	22.75
4H	2H	15.88	16.63	16.83	17.59	18.84	18.08	18.84	19.04	19.79	21.05
	3H	16.91	17.54	17.87	18.52	19.79	19.59	20.22	20.55	21.20	22.47
	4H	17.18	17.76	18.16	18.74	20.03	20.11	20.69	21.09	21.67	22.96
	6H	17.31	17.81	18.30	18.81	20.10	20.48	20.98	21.47	21.98	23.27
	8H	17.32	17.78	18.31	18.78	20.08	20.59	21.05	21.58	22.05	23.35
	12H	17.29	17.70	18.29	18.72	20.03	20.64	21.06	21.65	22.08	23.38
8H	4H	17.64	18.10	18.63	19.10	20.40	20.24	20.70	21.23	21.70	23.01
	6H	17.90	18.29	18.92	19.32	20.63	20.68	21.06	21.69	22.10	23.40
	8H	17.94	18.28	18.97	19.31	20.63	20.83	21.17	21.85	22.19	23.51
	12H	17.93	18.23	18.96	19.25	20.61	20.93	21.23	21.96	22.25	23.61
12H	4H	17.65	18.06	18.66	19.08	20.39	20.21	20.63	21.22	21.64	22.95
	6H	17.96	18.30	18.99	19.33	20.65	20.67	21.01	21.70	22.04	23.36
	8H	18.03	18.33	19.06	19.35	20.71	20.84	21.13	21.86	22.16	23.52