

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: P935788

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

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935788
REPORT IS A COMBINATION OF REPORTS P933767 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-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: -

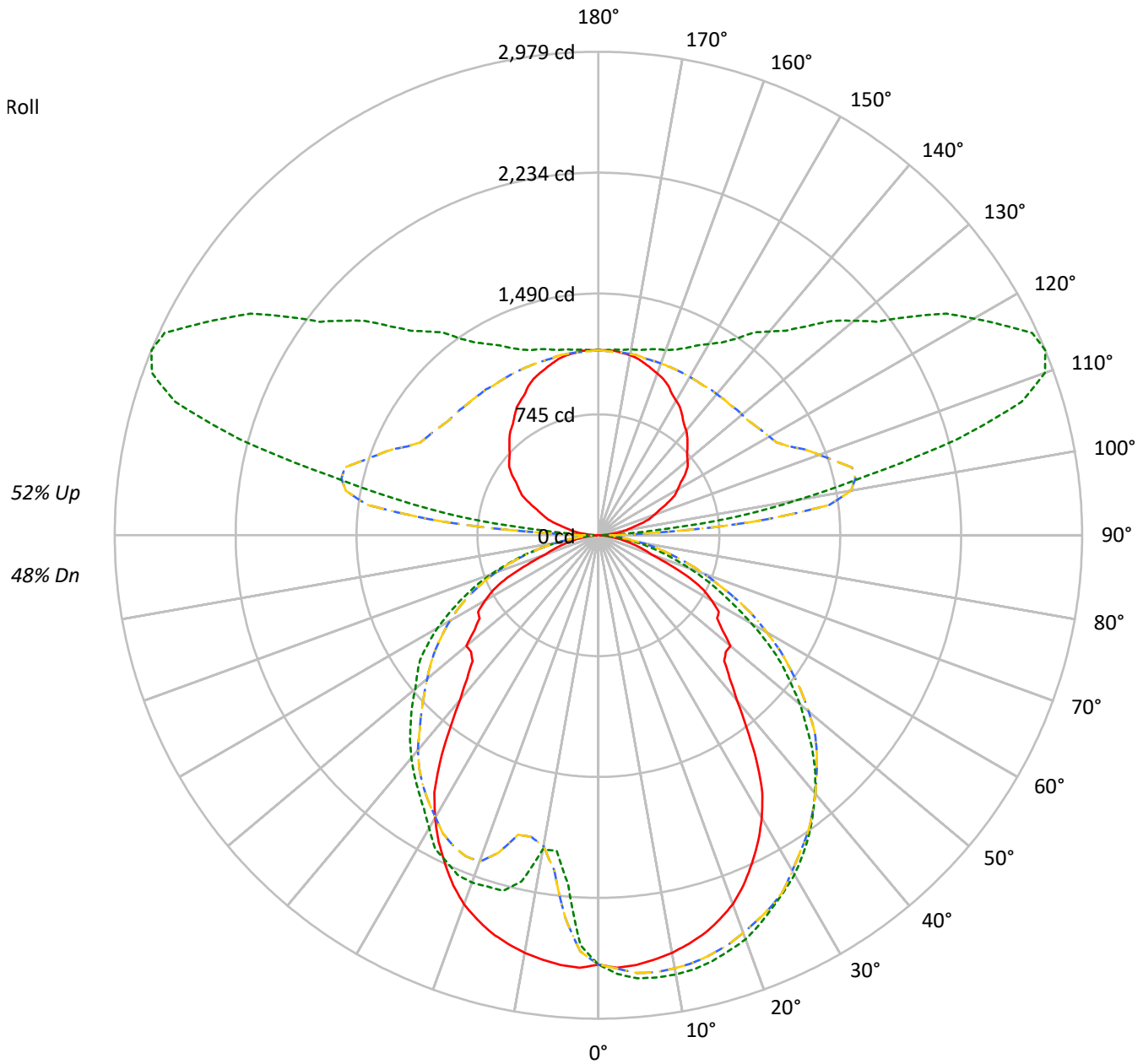
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14259.5 lumens
Efficiency: N/A
Efficacy: 126.4 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): 112.8
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



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



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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	50	30	10
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12

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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	238.8	1.7
10°-20°	678.0	4.8
20°-30°	1048.0	7.3
30°-40°	1251.1	8.8
40°-50°	1258.4	8.8
50°-60°	1095.0	7.7
60°-70°	776.4	5.4
70°-80°	410.7	2.9
80°-90°	106.6	0.7
90°-100°	556.2	3.9
100°-110°	1462.2	10.3
110°-120°	1516.1	10.6
120°-130°	1216.1	8.5
130°-140°	954.2	6.7
140°-150°	732.4	5.1
150°-160°	527.5	3.7
160°-170°	322.7	2.3
170°-180°	109.0	0.8
0°-30°	1964.7	13.8
0°-40°	3215.8	22.6
0°-60°	5569.2	39.1
0°-90°	6863.0	48.1
90°-120°	3534.5	24.8
90°-150°	6437.3	45.1
90°-180°	7397.0	51.9
0°-180°	14259.5	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°	8	29	8	29	8	8
95°	74	336	74	336	74	82
105°	264	2290	264	2290	264	279
115°	468	2948	468	2948	468	462
125°	651	2348	651	2348	651	578
135°	776	1822	776	1822	776	600
145°	900	1478	900	1478	900	564
155°	1017	1273	1017	1273	1017	467
165°	1097	1185	1097	1185	1097	310
175°	1141	1149	1141	1149	1141	108
180°	1141	1141	1141	1141	1141	



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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°	7.7	13.8	19.9	21.4	33.6	50.0	58.2	51.7	38.7	29.1	29.1
92.5°	30.7	82.7	134.8	147.8	207.8	287.7	327.7	287.2	206.3	145.5	139.7
95°	73.6	168.8	264.1	287.9	511.2	809.1	958.0	854.9	648.6	493.9	476.3
97.5°	127.1	211.1	295.2	316.2	688.6	1185.3	1433.5	1368.4	1238.0	1140.2	1106.9
100°	168.5	244.7	320.9	340.0	753.2	1304.3	1579.8	1584.5	1594.1	1601.2	1561.4
102.5°	203.7	274.8	346.0	363.7	782.9	1341.7	1621.1	1704.1	1870.2	1994.8	1960.8
105°	263.5	323.7	383.8	398.9	804.8	1346.0	1616.5	1802.7	2175.0	2454.3	2435.9
107.5°	324.7	380.8	437.0	451.0	808.9	1286.0	1524.7	1784.4	2303.7	2693.2	2697.6
110°	366.0	416.7	467.4	480.1	802.7	1232.9	1448.0	1738.3	2319.0	2754.5	2773.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	406.6	454.9	503.3	515.4	803.0	1186.6	1378.3	1675.4	2269.7	2715.3	2744.6
115°	467.9	512.4	557.1	568.2	810.5	1133.4	1294.9	1581.1	2153.6	2582.9	2623.5
117.5°	528.4	568.9	609.3	619.5	825.5	1100.1	1237.4	1495.8	2012.4	2399.9	2444.9
120°	563.6	601.8	639.8	649.4	837.7	1088.8	1214.5	1450.5	1922.5	2276.6	2320.4
122.5°	598.1	636.6	675.0	684.6	855.4	1083.0	1196.9	1409.5	1834.6	2153.3	2196.4
125°	650.9	686.0	721.0	729.7	879.1	1078.2	1177.8	1358.3	1719.4	1990.2	2030.0
127.5°	693.7	729.1	764.5	773.4	902.9	1075.4	1161.7	1316.7	1626.8	1859.3	1892.8
130°	716.7	754.9	792.9	802.5	920.1	1077.0	1155.5	1293.5	1569.5	1776.6	1807.5
132.5°	740.5	778.6	816.7	826.3	934.2	1078.2	1150.2	1273.7	1520.8	1706.1	1733.8
135°	775.7	810.4	845.1	853.8	949.5	1077.2	1141.0	1244.4	1451.4	1606.6	1630.4
137.5°	811.7	846.1	880.5	889.1	972.5	1083.8	1139.4	1226.9	1401.8	1533.0	1552.6
140°	841.6	873.2	904.9	912.7	986.5	1084.9	1134.1	1209.6	1360.8	1474.1	1492.4
142.5°	864.5	893.8	923.1	930.4	998.3	1088.8	1134.1	1200.5	1333.2	1432.8	1448.5
145°	899.7	925.3	950.8	957.2	1013.6	1088.8	1126.4	1180.7	1289.3	1370.7	1382.7
147.5°	935.0	959.9	984.7	990.9	1036.1	1096.3	1126.4	1169.1	1254.6	1318.7	1328.5
150°	958.0	980.5	1002.9	1008.5	1047.8	1100.2	1126.4	1162.5	1234.7	1288.8	1296.8
152.5°	981.7	998.7	1015.8	1020.0	1055.5	1102.7	1126.4	1157.2	1218.8	1265.0	1271.1
155°	1017.0	1029.6	1042.1	1045.3	1072.3	1108.4	1126.4	1151.0	1200.0	1236.7	1240.8
157.5°	1043.0	1055.2	1067.4	1070.5	1089.1	1114.0	1126.4	1145.4	1183.6	1212.2	1214.9
160°	1060.5	1070.1	1079.7	1082.0	1096.8	1116.5	1126.4	1142.8	1175.4	1200.0	1201.5
162.5°	1078.2	1085.3	1092.5	1094.3	1105.0	1119.3	1126.4	1140.2	1167.7	1188.4	1190.0
165°	1097.3	1103.8	1110.3	1111.9	1116.7	1123.2	1126.4	1136.3	1156.1	1170.9	1172.5
167.5°	1115.0	1118.0	1121.1	1121.9	1125.9	1131.3	1134.1	1140.6	1153.5	1163.2	1163.9
170°	1126.4	1129.5	1132.5	1133.3	1133.6	1133.9	1134.1	1140.6	1153.5	1163.2	1163.2
172.5°	1132.5	1133.2	1133.9	1134.1	1134.1	1134.1	1134.1	1139.2	1149.4	1157.1	1156.5
175°	1141.0	1141.0	1141.0	1141.0	1138.7	1135.7	1134.1	1137.4	1143.9	1148.7	1148.7
177.5°	1141.0	1141.0	1141.0	1141.0	1139.2	1136.8	1135.6	1138.1	1143.3	1147.1	1146.4
180°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0



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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°	29.1	29.1	29.1	29.1	29.1	38.7	51.7	58.2	50.0	33.6	21.4
92.5°	116.5	93.4	116.5	139.7	145.5	206.3	287.2	327.7	287.7	207.8	147.8
95°	406.2	336.1	406.2	476.3	493.9	648.6	854.9	958.0	809.1	511.2	287.9
97.5°	973.5	840.1	973.5	1106.9	1140.2	1238.0	1368.4	1433.5	1185.3	688.6	316.2
100°	1402.6	1243.6	1402.6	1561.4	1601.2	1594.1	1584.5	1579.8	1304.3	753.2	340.0
102.5°	1824.6	1688.5	1824.6	1960.8	1994.8	1870.2	1704.1	1621.1	1341.7	782.9	363.7
105°	2362.8	2289.6	2362.8	2435.9	2454.3	2175.0	1802.7	1616.5	1346.0	804.8	398.9
107.5°	2715.2	2733.0	2715.2	2697.6	2693.2	2303.7	1784.4	1524.7	1286.0	808.9	451.0
110°	2849.7	2926.0	2849.7	2773.5	2754.5	2319.0	1738.3	1448.0	1232.9	802.7	480.1



TEST NUMBER: P935788

CATALOG NUMBER: SQ4-FA-125U-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°	2861.7	2978.8	2861.7	2744.6	2715.3	2269.7	1675.4	1378.3	1186.6	803.0	515.4
115°	2785.8	2948.1	2785.8	2623.5	2582.9	2153.6	1581.1	1294.9	1133.4	810.5	568.2
117.5°	2624.9	2805.0	2624.9	2444.9	2399.9	2012.4	1495.8	1237.4	1100.1	825.5	619.5
120°	2495.3	2670.2	2495.3	2320.4	2276.6	1922.5	1450.5	1214.5	1088.8	837.7	649.4
122.5°	2369.0	2541.5	2369.0	2196.4	2153.3	1834.6	1409.5	1196.9	1083.0	855.4	684.6
125°	2188.9	2347.9	2188.9	2030.0	1990.2	1719.4	1358.3	1177.8	1078.2	879.1	729.7
127.5°	2026.9	2161.0	2026.9	1892.8	1859.3	1626.8	1316.7	1161.7	1075.4	902.9	773.4
130°	1931.5	2055.3	1931.5	1807.5	1776.6	1569.5	1293.5	1155.5	1077.0	920.1	802.5
132.5°	1844.8	1955.7	1844.8	1733.8	1706.1	1520.8	1273.7	1150.2	1078.2	934.2	826.3
135°	1726.1	1821.7	1726.1	1630.4	1606.6	1451.4	1244.4	1141.0	1077.2	949.5	853.8
137.5°	1630.8	1709.1	1630.8	1552.6	1533.0	1401.8	1226.9	1139.4	1083.8	972.5	889.1
140°	1565.6	1638.7	1565.6	1492.4	1474.1	1360.8	1209.6	1134.1	1084.9	986.5	912.7
142.5°	1511.4	1574.4	1511.4	1448.5	1432.8	1333.2	1200.5	1134.1	1088.8	998.3	930.4
145°	1430.3	1477.9	1430.3	1382.7	1370.7	1289.3	1180.7	1126.4	1088.8	1013.6	957.2
147.5°	1368.1	1407.5	1368.1	1328.5	1318.7	1254.6	1169.1	1126.4	1096.3	1036.1	990.9
150°	1328.8	1360.8	1328.8	1296.8	1288.8	1234.7	1162.5	1126.4	1100.2	1047.8	1008.5
152.5°	1295.2	1319.4	1295.2	1271.1	1265.0	1218.8	1157.2	1126.4	1102.7	1055.5	1020.0
155°	1256.8	1272.7	1256.8	1240.8	1236.7	1200.0	1151.0	1126.4	1108.4	1072.3	1045.3
157.5°	1226.2	1237.4	1226.2	1214.9	1212.2	1183.6	1145.4	1126.4	1114.0	1089.1	1070.5
160°	1208.0	1214.5	1208.0	1201.5	1200.0	1175.4	1142.8	1126.4	1116.5	1096.8	1082.0
162.5°	1196.1	1202.2	1196.1	1190.0	1188.4	1167.7	1140.2	1126.4	1119.3	1105.0	1094.3
165°	1179.0	1185.4	1179.0	1172.5	1170.9	1156.1	1136.3	1126.4	1123.2	1116.7	1111.9
167.5°	1166.5	1169.3	1166.5	1163.9	1163.2	1153.5	1140.6	1134.1	1131.3	1125.9	1121.9
170°	1163.2	1163.2	1163.2	1163.2	1163.2	1153.5	1140.6	1134.1	1133.9	1133.6	1133.3
172.5°	1154.1	1151.7	1154.1	1156.5	1157.1	1149.4	1139.2	1134.1	1134.1	1134.1	1134.1
175°	1148.7	1148.7	1148.7	1148.7	1148.7	1143.9	1137.4	1134.1	1135.7	1138.7	1141.0
177.5°	1143.8	1141.0	1143.8	1146.4	1147.1	1143.3	1138.1	1135.6	1136.8	1139.2	1141.0
180°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0



TEST NUMBER: P935788

CATALOG NUMBER: SQ4-FA-125U-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°	19.9	13.8	7.7	13.8	19.9	21.4	33.6	50.0	58.2	51.7	38.7
92.5°	134.8	82.7	30.7	82.7	134.8	147.8	207.8	287.7	327.7	287.2	206.3
95°	264.1	168.8	73.6	168.8	264.1	287.9	511.2	809.1	958.0	854.9	648.6
97.5°	295.2	211.1	127.1	211.1	295.2	316.2	688.6	1185.3	1433.5	1368.4	1238.0
100°	320.9	244.7	168.5	244.7	320.9	340.0	753.2	1304.3	1579.8	1584.5	1594.1
102.5°	346.0	274.8	203.7	274.8	346.0	363.7	782.9	1341.7	1621.1	1704.1	1870.2
105°	383.8	323.7	263.5	323.7	383.8	398.9	804.8	1346.0	1616.5	1802.7	2175.0
107.5°	437.0	380.8	324.7	380.8	437.0	451.0	808.9	1286.0	1524.7	1784.4	2303.7
110°	467.4	416.7	366.0	416.7	467.4	480.1	802.7	1232.9	1448.0	1738.3	2319.0



TEST NUMBER: P935788

CATALOG NUMBER: SQ4-FA-125U-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°	503.3	454.9	406.6	454.9	503.3	515.4	803.0	1186.6	1378.3	1675.4	2269.7
115°	557.1	512.4	467.9	512.4	557.1	568.2	810.5	1133.4	1294.9	1581.1	2153.6
117.5°	609.3	568.9	528.4	568.9	609.3	619.5	825.5	1100.1	1237.4	1495.8	2012.4
120°	639.8	601.8	563.6	601.8	639.8	649.4	837.7	1088.8	1214.5	1450.5	1922.5
122.5°	675.0	636.6	598.1	636.6	675.0	684.6	855.4	1083.0	1196.9	1409.5	1834.6
125°	721.0	686.0	650.9	686.0	721.0	729.7	879.1	1078.2	1177.8	1358.3	1719.4
127.5°	764.5	729.1	693.7	729.1	764.5	773.4	902.9	1075.4	1161.7	1316.7	1626.8
130°	792.9	754.9	716.7	754.9	792.9	802.5	920.1	1077.0	1155.5	1293.5	1569.5
132.5°	816.7	778.6	740.5	778.6	816.7	826.3	934.2	1078.2	1150.2	1273.7	1520.8
135°	845.1	810.4	775.7	810.4	845.1	853.8	949.5	1077.2	1141.0	1244.4	1451.4
137.5°	880.5	846.1	811.7	846.1	880.5	889.1	972.5	1083.8	1139.4	1226.9	1401.8
140°	904.9	873.2	841.6	873.2	904.9	912.7	986.5	1084.9	1134.1	1209.6	1360.8
142.5°	923.1	893.8	864.5	893.8	923.1	930.4	998.3	1088.8	1134.1	1200.5	1333.2
145°	950.8	925.3	899.7	925.3	950.8	957.2	1013.6	1088.8	1126.4	1180.7	1289.3
147.5°	984.7	959.9	935.0	959.9	984.7	990.9	1036.1	1096.3	1126.4	1169.1	1254.6
150°	1002.9	980.5	958.0	980.5	1002.9	1008.5	1047.8	1100.2	1126.4	1162.5	1234.7
152.5°	1015.8	998.7	981.7	998.7	1015.8	1020.0	1055.5	1102.7	1126.4	1157.2	1218.8
155°	1042.1	1029.6	1017.0	1029.6	1042.1	1045.3	1072.3	1108.4	1126.4	1151.0	1200.0
157.5°	1067.4	1055.2	1043.0	1055.2	1067.4	1070.5	1089.1	1114.0	1126.4	1145.4	1183.6
160°	1079.7	1070.1	1060.5	1070.1	1079.7	1082.0	1096.8	1116.5	1126.4	1142.8	1175.4
162.5°	1092.5	1085.3	1078.2	1085.3	1092.5	1094.3	1105.0	1119.3	1126.4	1140.2	1167.7
165°	1110.3	1103.8	1097.3	1103.8	1110.3	1111.9	1116.7	1123.2	1126.4	1136.3	1156.1
167.5°	1121.1	1118.0	1115.0	1118.0	1121.1	1121.9	1125.9	1131.3	1134.1	1140.6	1153.5
170°	1132.5	1129.5	1126.4	1129.5	1132.5	1133.3	1133.6	1133.9	1134.1	1140.6	1153.5
172.5°	1133.9	1133.2	1132.5	1133.2	1133.9	1134.1	1134.1	1134.1	1134.1	1139.2	1149.4
175°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1138.7	1135.7	1134.1	1137.4	1143.9
177.5°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1139.2	1136.8	1135.6	1138.1	1143.3
180°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0



TEST NUMBER: P935788

CATALOG NUMBER: SQ4-FA-125U-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°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	38.7	51.7	58.2	50.0
92.5°	145.5	139.7	116.5	93.4	116.5	139.7	145.5	206.3	287.2	327.7	287.7
95°	493.9	476.3	406.2	336.1	406.2	476.3	493.9	648.6	854.9	958.0	809.1
97.5°	1140.2	1106.9	973.5	840.1	973.5	1106.9	1140.2	1238.0	1368.4	1433.5	1185.3
100°	1601.2	1561.4	1402.6	1243.6	1402.6	1561.4	1601.2	1594.1	1584.5	1579.8	1304.3
102.5°	1994.8	1960.8	1824.6	1688.5	1824.6	1960.8	1994.8	1870.2	1704.1	1621.1	1341.7
105°	2454.3	2435.9	2362.8	2289.6	2362.8	2435.9	2454.3	2175.0	1802.7	1616.5	1346.0
107.5°	2693.2	2697.6	2715.2	2733.0	2715.2	2697.6	2693.2	2303.7	1784.4	1524.7	1286.0
110°	2754.5	2773.5	2849.7	2926.0	2849.7	2773.5	2754.5	2319.0	1738.3	1448.0	1232.9



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2715.3	2744.6	2861.7	2978.8	2861.7	2744.6	2715.3	2269.7	1675.4	1378.3	1186.6
115°	2582.9	2623.5	2785.8	2948.1	2785.8	2623.5	2582.9	2153.6	1581.1	1294.9	1133.4
117.5°	2399.9	2444.9	2624.9	2805.0	2624.9	2444.9	2399.9	2012.4	1495.8	1237.4	1100.1
120°	2276.6	2320.4	2495.3	2670.2	2495.3	2320.4	2276.6	1922.5	1450.5	1214.5	1088.8
122.5°	2153.3	2196.4	2369.0	2541.5	2369.0	2196.4	2153.3	1834.6	1409.5	1196.9	1083.0
125°	1990.2	2030.0	2188.9	2347.9	2188.9	2030.0	1990.2	1719.4	1358.3	1177.8	1078.2
127.5°	1859.3	1892.8	2026.9	2161.0	2026.9	1892.8	1859.3	1626.8	1316.7	1161.7	1075.4
130°	1776.6	1807.5	1931.5	2055.3	1931.5	1807.5	1776.6	1569.5	1293.5	1155.5	1077.0
132.5°	1706.1	1733.8	1844.8	1955.7	1844.8	1733.8	1706.1	1520.8	1273.7	1150.2	1078.2
135°	1606.6	1630.4	1726.1	1821.7	1726.1	1630.4	1606.6	1451.4	1244.4	1141.0	1077.2
137.5°	1533.0	1552.6	1630.8	1709.1	1630.8	1552.6	1533.0	1401.8	1226.9	1139.4	1083.8
140°	1474.1	1492.4	1565.6	1638.7	1565.6	1492.4	1474.1	1360.8	1209.6	1134.1	1084.9
142.5°	1432.8	1448.5	1511.4	1574.4	1511.4	1448.5	1432.8	1333.2	1200.5	1134.1	1088.8
145°	1370.7	1382.7	1430.3	1477.9	1430.3	1382.7	1370.7	1289.3	1180.7	1126.4	1088.8
147.5°	1318.7	1328.5	1368.1	1407.5	1368.1	1328.5	1318.7	1254.6	1169.1	1126.4	1096.3
150°	1288.8	1296.8	1328.8	1360.8	1328.8	1296.8	1288.8	1234.7	1162.5	1126.4	1100.2
152.5°	1265.0	1271.1	1295.2	1319.4	1295.2	1271.1	1265.0	1218.8	1157.2	1126.4	1102.7
155°	1236.7	1240.8	1256.8	1272.7	1256.8	1240.8	1236.7	1200.0	1151.0	1126.4	1108.4
157.5°	1212.2	1214.9	1226.2	1237.4	1226.2	1214.9	1212.2	1183.6	1145.4	1126.4	1114.0
160°	1200.0	1201.5	1208.0	1214.5	1208.0	1201.5	1200.0	1175.4	1142.8	1126.4	1116.5
162.5°	1188.4	1190.0	1196.1	1202.2	1196.1	1190.0	1188.4	1167.7	1140.2	1126.4	1119.3
165°	1170.9	1172.5	1179.0	1185.4	1179.0	1172.5	1170.9	1156.1	1136.3	1126.4	1123.2
167.5°	1163.2	1163.9	1166.5	1169.3	1166.5	1163.9	1163.2	1153.5	1140.6	1134.1	1131.3
170°	1163.2	1163.2	1163.2	1163.2	1163.2	1163.2	1163.2	1153.5	1140.6	1134.1	1133.9
172.5°	1157.1	1156.5	1154.1	1151.7	1154.1	1156.5	1157.1	1149.4	1139.2	1134.1	1134.1
175°	1148.7	1148.7	1148.7	1148.7	1148.7	1148.7	1148.7	1143.9	1137.4	1134.1	1135.7
177.5°	1147.1	1146.4	1143.8	1141.0	1143.8	1146.4	1147.1	1143.3	1138.1	1135.6	1136.8
180°	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0	1141.0



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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°	33.6	21.4	19.9	13.8	7.7
92.5°	207.8	147.8	134.8	82.7	30.7
95°	511.2	287.9	264.1	168.8	73.6
97.5°	688.6	316.2	295.2	211.1	127.1
100°	753.2	340.0	320.9	244.7	168.5
102.5°	782.9	363.7	346.0	274.8	203.7
105°	804.8	398.9	383.8	323.7	263.5
107.5°	808.9	451.0	437.0	380.8	324.7
110°	802.7	480.1	467.4	416.7	366.0



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

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	803.0	515.4	503.3	454.9	406.6
115°	810.5	568.2	557.1	512.4	467.9
117.5°	825.5	619.5	609.3	568.9	528.4
120°	837.7	649.4	639.8	601.8	563.6
122.5°	855.4	684.6	675.0	636.6	598.1
125°	879.1	729.7	721.0	686.0	650.9
127.5°	902.9	773.4	764.5	729.1	693.7
130°	920.1	802.5	792.9	754.9	716.7
132.5°	934.2	826.3	816.7	778.6	740.5
135°	949.5	853.8	845.1	810.4	775.7
137.5°	972.5	889.1	880.5	846.1	811.7
140°	986.5	912.7	904.9	873.2	841.6
142.5°	998.3	930.4	923.1	893.8	864.5
145°	1013.6	957.2	950.8	925.3	899.7
147.5°	1036.1	990.9	984.7	959.9	935.0
150°	1047.8	1008.5	1002.9	980.5	958.0
152.5°	1055.5	1020.0	1015.8	998.7	981.7
155°	1072.3	1045.3	1042.1	1029.6	1017.0
157.5°	1089.1	1070.5	1067.4	1055.2	1043.0
160°	1096.8	1082.0	1079.7	1070.1	1060.5
162.5°	1105.0	1094.3	1092.5	1085.3	1078.2
165°	1116.7	1111.9	1110.3	1103.8	1097.3
167.5°	1125.9	1121.9	1121.1	1118.0	1115.0
170°	1133.6	1133.3	1132.5	1129.5	1126.4
172.5°	1134.1	1134.1	1133.9	1133.2	1132.5
175°	1138.7	1141.0	1141.0	1141.0	1141.0
177.5°	1139.2	1141.0	1141.0	1141.0	1141.0
180°	1141.0	1141.0	1141.0	1141.0	1141.0



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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	14.34	15.18	15.31	16.17	17.47	17.16	18.01	18.13	18.99	20.29
	3H	14.81	15.57	15.80	16.57	17.89	18.50	19.26	19.49	20.26	21.58
	4H	15.00	15.72	16.00	16.72	18.05	18.95	19.66	19.94	20.66	21.99
	6H	15.12	15.78	16.13	16.79	18.13	19.23	19.89	20.24	20.89	22.23
	8H	15.12	15.75	16.14	16.77	18.11	19.30	19.93	20.32	20.95	22.29
	12H	15.09	15.69	16.11	16.71	18.07	19.34	19.94	20.36	20.95	22.31
4H	2H	15.37	16.08	16.37	17.08	18.41	17.57	18.29	18.57	19.29	20.61
	3H	16.39	16.99	17.41	18.02	19.36	19.07	19.67	20.09	20.70	22.04
	4H	16.67	17.21	17.69	18.23	19.60	19.60	20.14	20.62	21.17	22.53
	6H	16.79	17.26	17.82	18.31	19.67	19.96	20.43	20.99	21.48	22.84
	8H	16.80	17.24	17.83	18.27	19.65	20.07	20.51	21.10	21.54	22.92
	12H	16.76	17.16	17.81	18.21	19.59	20.12	20.52	21.17	21.57	22.95
8H	4H	17.12	17.56	18.15	18.60	19.97	19.72	20.16	20.75	21.20	22.57
	6H	17.38	17.74	18.44	18.82	20.20	20.16	20.52	21.21	21.60	22.97
	8H	17.42	17.74	18.49	18.81	20.20	20.31	20.63	21.37	21.69	23.08
	12H	17.41	17.69	18.47	18.75	20.18	20.40	20.68	21.47	21.74	23.18
12H	4H	17.12	17.52	18.18	18.57	19.95	19.69	20.08	20.74	21.13	22.52
	6H	17.44	17.76	18.50	18.82	20.22	20.15	20.47	21.22	21.54	22.93
	8H	17.51	17.79	18.57	18.85	20.28	20.31	20.59	21.38	21.65	23.09