

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: P935319

Luminaire Tested: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935319
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-840-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

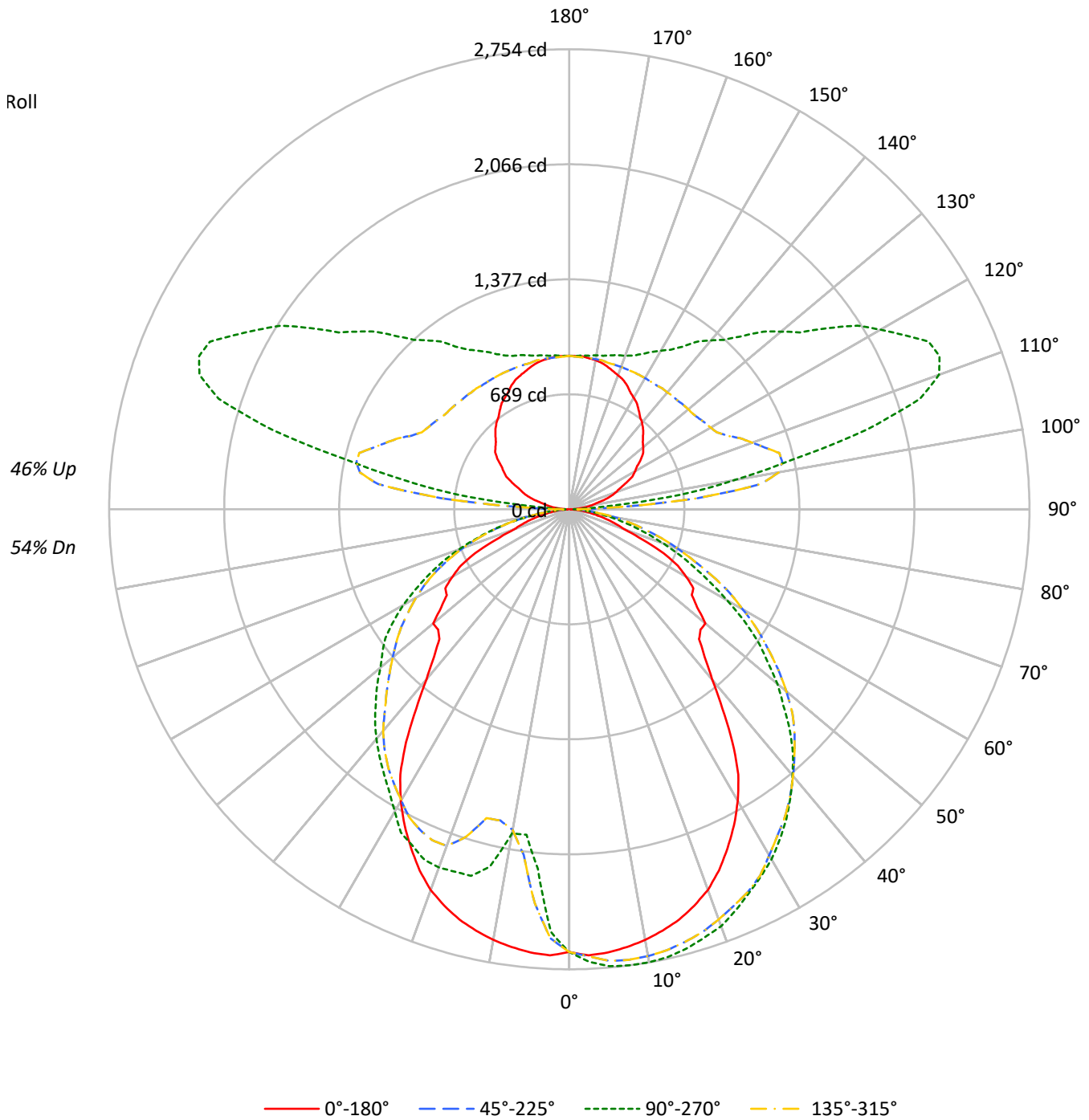
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12830.2 lumens
Efficiency: N/A
Efficacy: 124.3 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: P935319
CATALOG NUMBER: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

Luminous Intensity Polar Plot





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CATALOG NUMBER: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	0	
RCR																						
0	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54				54
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45				45
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38				38
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32				32
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28				28
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24				24
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21				21
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19				19
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17				17
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15				15
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13				13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16397	16397	16397	16397
5°	16514	16552	16514	13015
10°	16397	16305	16397	11657
15°	16213	15952	16213	13319
20°	15867	15533	15867	13348
25°	15167	14923	15167	13065
30°	14264	14416	14264	12444
35°	12710	13775	12710	11761
40°	10585	13021	10585	11246
45°	9452	12137	9452	10652
50°	10034	11084	10034	10057
55°	9430	9949	9430	9713
60°	9710	8450	9710	8897
65°	8789	6984	8789	7807
70°	6071	5566	6071	6544
75°	5304	4115	5304	4928
80°	4244	2720	4244	2961
85°	2391	1441	2391	1225

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14495 cd/sqm



TEST NUMBER: P935319

CATALOG NUMBER: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	239.3	1.9
10°-20°	679.3	5.3
20°-30°	1050.1	8.2
30°-40°	1253.6	9.8
40°-50°	1261.0	9.8
50°-60°	1097.2	8.6
60°-70°	777.9	6.1
70°-80°	411.6	3.2
80°-90°	106.0	0.8
90°-100°	447.7	3.5
100°-110°	1177.1	9.2
110°-120°	1220.5	9.5
120°-130°	979.0	7.6
130°-140°	768.2	6.0
140°-150°	589.6	4.6
150°-160°	424.6	3.3
160°-170°	259.8	2.0
170°-180°	87.8	0.7
0°-30°	1968.7	15.3
0°-40°	3222.3	25.1
0°-60°	5580.5	43.5
0°-90°	6876.0	53.6
90°-120°	2845.2	22.2
90°-150°	5182.0	40.4
90°-180°	5954.0	46.4
0°-180°	12830.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2651	2651	2651	2651	2651	
5°	2663	2746	2663	2159	2663	253
15°	2543	2721	2543	2272	2543	715
25°	2239	2538	2239	2222	2239	1028
35°	1703	2264	1703	1933	1703	1053
45°	1098	1866	1098	1638	1098	880
55°	895	1377	895	1344	895	823
65°	622	830	622	928	622	594
75°	236	394	236	472	236	248
85°	40	100	40	85	40	54
90°	6	23	6	23	6	7
95°	59	271	59	271	59	66
105°	212	1843	212	1843	212	225
115°	377	2373	377	2373	377	372
125°	524	1890	524	1890	524	465
135°	624	1466	624	1466	624	483
145°	724	1190	724	1190	724	454
155°	819	1024	819	1024	819	376
165°	883	954	883	954	883	249
175°	918	925	918	925	918	87
180°	918	918	918	918	918	



TEST NUMBER: P935319

CATALOG NUMBER: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6
2.5°	2673.1	2673.1	2688.2	2693.2	2693.2	2685.7	2678.2	2685.7	2708.3	2715.8	2713.2
5°	2663.2	2683.2	2710.8	2715.8	2720.9	2718.3	2713.2	2718.3	2743.4	2748.4	2750.9
7.5°	2643.1	2680.6	2715.8	2723.3	2730.8	2723.3	2720.9	2725.8	2750.9	2755.9	2755.9
10°	2618.0	2670.7	2710.8	2715.8	2723.3	2715.8	2715.8	2725.8	2750.9	2755.9	2758.4
12.5°	2582.9	2655.6	2693.2	2698.2	2708.3	2705.7	2703.3	2713.2	2738.3	2743.4	2743.4
15°	2542.8	2628.0	2663.2	2668.2	2685.7	2680.6	2680.6	2690.7	2718.3	2725.8	2723.3
17.5°	2487.6	2592.9	2633.0	2640.5	2653.1	2650.6	2653.1	2663.2	2688.2	2693.2	2695.8
20°	2424.9	2545.3	2592.9	2600.4	2613.0	2613.0	2613.0	2625.5	2650.6	2660.6	2660.6
22.5°	2339.7	2495.1	2545.3	2550.3	2565.3	2565.3	2570.4	2587.9	2610.5	2613.0	2613.0
25°	2239.3	2440.0	2482.5	2497.7	2512.7	2520.2	2527.7	2537.8	2545.3	2542.8	2545.3
27.5°	2134.0	2369.7	2424.9	2434.9	2455.0	2462.5	2472.6	2475.0	2477.6	2485.1	2480.1
30°	2016.1	2271.9	2354.7	2364.7	2397.3	2402.3	2392.3	2397.3	2409.8	2414.9	2419.9
32.5°	1883.2	2126.5	2282.0	2304.5	2334.6	2319.6	2317.1	2324.6	2344.6	2344.6	2349.7
35°	1702.7	2013.6	2214.3	2234.4	2256.9	2239.3	2249.4	2251.8	2264.4	2271.9	2269.4
37.5°	1504.6	1915.8	2144.1	2159.1	2176.7	2154.0	2169.2	2176.7	2186.6	2181.7	2181.7
40°	1329.1	1762.9	2061.3	2071.3	2086.4	2068.8	2083.9	2088.9	2093.9	2088.9	2086.4
42.5°	1198.6	1594.8	1973.5	1986.1	1976.0	1988.5	1993.6	2003.7	1996.1	1986.1	1986.1
45°	1098.4	1549.8	1878.2	1893.3	1878.2	1898.3	1905.9	1905.9	1883.2	1878.2	1875.7
47.5°	1065.8	1459.5	1782.9	1782.9	1775.4	1800.5	1813.1	1795.5	1772.9	1765.4	1765.4
50°	1063.3	1359.2	1652.5	1642.6	1677.6	1707.8	1695.2	1677.6	1660.0	1632.5	1632.5
52.5°	965.5	1236.3	1484.6	1522.1	1577.3	1594.8	1574.8	1557.3	1527.2	1514.6	1504.6
55°	895.2	1108.3	1331.5	1406.8	1464.5	1487.0	1449.4	1431.9	1386.8	1379.2	1374.2
57.5°	880.2	922.8	1191.1	1286.5	1356.6	1354.2	1331.5	1298.9	1261.4	1253.9	1251.3
60°	807.5	667.0	1040.7	1153.5	1226.2	1218.7	1198.6	1168.6	1133.4	1128.5	1123.5
62.5°	732.2	484.0	870.1	998.1	1100.8	1098.4	1080.8	1035.6	1010.6	998.1	988.0
65°	621.9	406.3	619.4	830.0	978.0	983.0	945.4	912.8	885.2	870.1	867.7
67.5°	473.9	331.0	418.8	692.1	860.2	855.1	807.5	792.4	757.3	749.8	734.8
70°	351.0	220.7	290.9	561.7	744.8	732.2	694.7	677.1	644.5	626.9	616.9
72.5°	290.9	178.0	213.1	436.3	626.9	611.9	579.3	559.2	531.6	516.6	506.5
75°	235.7	188.1	163.0	323.5	509.0	499.0	468.9	448.8	426.3	406.3	408.7
77.5°	173.0	175.6	130.4	238.2	403.7	388.7	371.1	346.1	336.0	316.0	316.0
80°	130.4	137.9	97.8	163.0	290.9	290.9	275.8	258.3	240.8	230.7	230.7
82.5°	87.7	87.7	72.7	102.9	198.1	190.6	180.5	175.6	165.5	160.5	160.5
85°	40.1	50.2	45.2	62.7	107.8	112.8	112.8	107.8	105.3	100.3	102.9
87.5°	12.5	22.5	27.6	35.1	55.1	57.7	60.2	60.2	60.2	62.7	62.7
90°	6.1	11.1	16.0	17.3	27.2	40.3	46.8	41.6	31.2	23.4	23.4
92.5°	24.7	66.6	108.5	119.0	167.3	231.6	263.8	231.2	166.0	117.1	112.4
95°	59.2	135.8	212.6	231.8	411.6	651.3	771.1	688.1	522.1	397.6	383.4
97.5°	102.4	170.0	237.7	254.6	554.4	954.1	1154.0	1101.5	996.6	917.9	891.0
100°	135.7	197.0	258.4	273.7	606.3	1049.8	1271.7	1275.5	1283.2	1288.9	1256.9
102.5°	164.0	221.3	278.5	292.8	630.2	1080.1	1305.0	1371.8	1505.5	1605.8	1578.4
105°	212.0	260.5	309.0	321.2	647.9	1083.5	1301.3	1451.2	1750.8	1975.6	1960.9
107.5°	261.3	306.6	351.8	363.1	651.2	1035.2	1227.3	1436.4	1854.4	2168.0	2171.5
110°	294.6	335.4	376.3	386.5	646.3	992.5	1165.6	1399.3	1866.7	2217.3	2232.6



TEST NUMBER: P935319

CATALOG NUMBER: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	327.3	366.3	405.2	414.9	646.4	955.2	1109.5	1348.7	1827.1	2185.9	2209.4
115°	376.6	412.5	448.4	457.3	652.4	912.3	1042.3	1272.7	1733.6	2079.2	2111.9
117.5°	425.3	457.9	490.5	498.6	664.4	885.5	996.1	1204.1	1619.9	1931.8	1968.1
120°	453.7	484.4	515.0	522.8	674.4	876.6	977.6	1167.6	1547.6	1832.6	1867.8
122.5°	481.5	512.4	543.4	551.1	688.5	871.8	963.5	1134.6	1476.8	1733.3	1768.1
125°	523.9	552.2	580.4	587.5	707.7	868.0	948.1	1093.4	1384.1	1602.1	1634.2
127.5°	558.5	587.0	615.5	622.6	726.8	865.7	935.1	1059.9	1309.5	1496.7	1523.7
130°	577.0	607.7	638.3	646.1	740.8	867.1	930.2	1041.3	1263.5	1430.1	1455.0
132.5°	596.1	626.8	657.4	665.1	752.1	868.0	925.9	1025.3	1224.2	1373.4	1395.7
135°	624.4	652.4	680.3	687.4	764.4	867.1	918.4	1001.7	1168.3	1293.3	1312.6
137.5°	653.4	681.0	708.8	715.7	782.9	872.5	917.3	987.7	1128.5	1234.1	1249.8
140°	677.5	703.0	728.5	734.8	794.2	873.3	912.9	973.8	1095.4	1186.6	1201.3
142.5°	695.9	719.6	743.1	749.0	803.6	876.5	912.9	966.4	1073.2	1153.3	1165.9
145°	724.3	744.9	765.4	770.5	816.0	876.6	906.8	950.5	1037.9	1103.4	1113.0
147.5°	752.7	772.6	792.6	797.6	834.0	882.5	906.8	941.2	1009.9	1061.5	1069.4
150°	771.1	789.2	807.3	811.8	843.5	885.6	906.8	935.8	993.8	1037.4	1043.8
152.5°	790.3	804.0	817.7	821.1	849.7	887.7	906.8	931.6	981.2	1018.3	1023.2
155°	818.7	828.7	838.8	841.4	863.2	892.3	906.8	926.5	966.0	995.5	998.8
157.5°	839.6	849.5	859.3	861.7	876.8	896.8	906.8	922.1	952.8	975.8	978.1
160°	853.7	861.4	869.1	871.0	883.0	898.9	906.8	919.9	946.2	966.0	967.3
162.5°	868.0	873.7	879.4	880.9	889.5	901.1	906.8	917.9	940.1	956.7	957.9
165°	883.4	888.5	893.7	895.0	899.0	904.2	906.8	914.7	930.6	942.6	943.8
167.5°	897.5	900.0	902.4	903.0	906.3	910.7	912.9	918.1	928.5	936.3	936.9
170°	906.8	909.3	911.7	912.3	912.5	912.8	912.9	918.1	928.5	936.3	936.3
172.5°	911.7	912.2	912.8	912.9	912.9	912.9	912.9	917.1	925.3	931.4	930.9
175°	918.4	918.4	918.4	918.4	916.6	914.1	912.9	915.5	920.7	924.7	924.7
177.5°	918.4	918.4	918.4	918.4	917.1	915.2	914.2	916.3	920.3	923.4	922.8
180°	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4



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CATALOG NUMBER: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6
2.5°	2718.3	2710.8	2718.3	2713.2	2715.8	2708.3	2685.7	2678.2	2685.7	2693.2	2693.2
5°	2750.9	2745.8	2750.9	2750.9	2748.4	2743.4	2718.3	2713.2	2718.3	2720.9	2715.8
7.5°	2761.0	2753.5	2761.0	2755.9	2755.9	2750.9	2725.8	2720.9	2723.3	2730.8	2723.3
10°	2761.0	2753.5	2761.0	2758.4	2755.9	2750.9	2725.8	2715.8	2715.8	2723.3	2715.8
12.5°	2748.4	2743.4	2748.4	2743.4	2743.4	2738.3	2713.2	2703.3	2705.7	2708.3	2698.2
15°	2728.4	2720.9	2728.4	2723.3	2725.8	2718.3	2690.7	2680.6	2680.6	2685.7	2668.2
17.5°	2698.2	2688.2	2698.2	2695.8	2693.2	2688.2	2663.2	2653.1	2650.6	2653.1	2640.5
20°	2663.2	2655.6	2663.2	2660.6	2660.6	2650.6	2625.5	2613.0	2613.0	2613.0	2600.4
22.5°	2607.9	2600.4	2607.9	2613.0	2613.0	2610.5	2587.9	2570.4	2565.3	2565.3	2550.3
25°	2545.3	2537.8	2545.3	2545.3	2542.8	2545.3	2537.8	2527.7	2520.2	2512.7	2497.7
27.5°	2485.1	2480.1	2485.1	2480.1	2485.1	2477.6	2475.0	2472.6	2462.5	2455.0	2434.9
30°	2424.9	2419.9	2424.9	2419.9	2414.9	2409.8	2397.3	2392.3	2402.3	2397.3	2364.7
32.5°	2349.7	2344.6	2349.7	2349.7	2344.6	2344.6	2324.6	2317.1	2319.6	2334.6	2304.5
35°	2271.9	2264.4	2271.9	2269.4	2271.9	2264.4	2251.8	2249.4	2239.3	2256.9	2234.4
37.5°	2181.7	2174.1	2181.7	2181.7	2181.7	2186.6	2176.7	2169.2	2154.0	2176.7	2159.1
40°	2088.9	2078.9	2088.9	2086.4	2088.9	2093.9	2088.9	2083.9	2068.8	2086.4	2071.3
42.5°	1983.6	1981.0	1983.6	1986.1	1986.1	1996.1	2003.7	1993.6	1988.5	1976.0	1986.1
45°	1870.7	1865.7	1870.7	1875.7	1878.2	1883.2	1905.9	1905.9	1898.3	1878.2	1893.3
47.5°	1750.3	1737.8	1750.3	1765.4	1765.4	1772.9	1795.5	1813.1	1800.5	1775.4	1782.9
50°	1622.5	1625.0	1622.5	1632.5	1632.5	1660.0	1677.6	1695.2	1707.8	1677.6	1642.6
52.5°	1497.1	1494.5	1497.1	1504.6	1514.6	1527.2	1557.3	1574.8	1594.8	1577.3	1522.1
55°	1371.6	1376.7	1371.6	1374.2	1379.2	1386.8	1431.9	1449.4	1487.0	1464.5	1406.8
57.5°	1246.3	1238.8	1246.3	1251.3	1253.9	1261.4	1298.9	1331.5	1354.2	1356.6	1286.5
60°	1100.8	1090.9	1100.8	1123.5	1128.5	1133.4	1168.6	1198.6	1218.7	1226.2	1153.5
62.5°	973.0	955.4	973.0	988.0	998.1	1010.6	1035.6	1080.8	1098.4	1100.8	998.1
65°	837.5	830.0	837.5	867.7	870.1	885.2	912.8	945.4	983.0	978.0	830.0
67.5°	714.7	714.7	714.7	734.8	749.8	757.3	792.4	807.5	855.1	860.2	692.1
70°	601.8	599.3	601.8	616.9	626.9	644.5	677.1	694.7	732.2	744.8	561.7
72.5°	494.0	491.5	494.0	506.5	516.6	531.6	559.2	579.3	611.9	626.9	436.3
75°	398.8	393.7	398.8	408.7	406.3	426.3	448.8	468.9	499.0	509.0	323.5
77.5°	306.0	306.0	306.0	316.0	316.0	336.0	346.1	371.1	388.7	403.7	238.2
80°	228.2	225.7	228.2	230.7	230.7	240.8	258.3	275.8	290.9	290.9	163.0
82.5°	160.5	155.5	160.5	160.5	160.5	165.5	175.6	180.5	190.6	198.1	102.9
85°	100.3	100.3	100.3	102.9	100.3	105.3	107.8	112.8	112.8	107.8	62.7
87.5°	65.2	62.7	65.2	62.7	62.7	60.2	60.2	60.2	57.7	55.1	35.1
90°	23.4	23.4	23.4	23.4	23.4	31.2	41.6	46.8	40.3	27.2	17.3
92.5°	93.8	75.2	93.8	112.4	117.1	166.0	231.2	263.8	231.6	167.3	119.0
95°	327.0	270.6	327.0	383.4	397.6	522.1	688.1	771.1	651.3	411.6	231.8
97.5°	783.6	676.2	783.6	891.0	917.9	996.6	1101.5	1154.0	954.1	554.4	254.6
100°	1129.0	1001.0	1129.0	1256.9	1288.9	1283.2	1275.5	1271.7	1049.8	606.3	273.7
102.5°	1468.8	1359.2	1468.8	1578.4	1605.8	1505.5	1371.8	1305.0	1080.1	630.2	292.8
105°	1902.0	1843.1	1902.0	1960.9	1975.6	1750.8	1451.2	1301.3	1083.5	647.9	321.2
107.5°	2185.9	2200.1	2185.9	2171.5	2168.0	1854.4	1436.4	1227.3	1035.2	651.2	363.1
110°	2294.0	2355.4	2294.0	2232.6	2217.3	1866.7	1399.3	1165.6	992.5	646.3	386.5



TEST NUMBER: P935319

CATALOG NUMBER: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2303.6	2397.9	2303.6	2209.4	2185.9	1827.1	1348.7	1109.5	955.2	646.4	414.9
115°	2242.6	2373.3	2242.6	2111.9	2079.2	1733.6	1272.7	1042.3	912.3	652.4	457.3
117.5°	2113.0	2258.0	2113.0	1968.1	1931.8	1619.9	1204.1	996.1	885.5	664.4	498.6
120°	2008.7	2149.5	2008.7	1867.8	1832.6	1547.6	1167.6	977.6	876.6	674.4	522.8
122.5°	1907.0	2046.0	1907.0	1768.1	1733.3	1476.8	1134.6	963.5	871.8	688.5	551.1
125°	1762.0	1889.9	1762.0	1634.2	1602.1	1384.1	1093.4	948.1	868.0	707.7	587.5
127.5°	1631.7	1739.6	1631.7	1523.7	1496.7	1309.5	1059.9	935.1	865.7	726.8	622.6
130°	1554.8	1654.5	1554.8	1455.0	1430.1	1263.5	1041.3	930.2	867.1	740.8	646.1
132.5°	1485.1	1574.4	1485.1	1395.7	1373.4	1224.2	1025.3	925.9	868.0	752.1	665.1
135°	1389.5	1466.5	1389.5	1312.6	1293.3	1168.3	1001.7	918.4	867.1	764.4	687.4
137.5°	1312.9	1375.9	1312.9	1249.8	1234.1	1128.5	987.7	917.3	872.5	782.9	715.7
140°	1260.3	1319.2	1260.3	1201.3	1186.6	1095.4	973.8	912.9	873.3	794.2	734.8
142.5°	1216.7	1267.4	1216.7	1165.9	1153.3	1073.2	966.4	912.9	876.5	803.6	749.0
145°	1151.4	1189.7	1151.4	1113.0	1103.4	1037.9	950.5	906.8	876.6	816.0	770.5
147.5°	1101.2	1133.0	1101.2	1069.4	1061.5	1009.9	941.2	906.8	882.5	834.0	797.6
150°	1069.6	1095.4	1069.6	1043.8	1037.4	993.8	935.8	906.8	885.6	843.5	811.8
152.5°	1042.6	1062.1	1042.6	1023.2	1018.3	981.2	931.6	906.8	887.7	849.7	821.1
155°	1011.6	1024.5	1011.6	998.8	995.5	966.0	926.5	906.8	892.3	863.2	841.4
157.5°	987.1	996.1	987.1	978.1	975.8	952.8	922.1	906.8	896.8	876.8	861.7
160°	972.5	977.6	972.5	967.3	966.0	946.2	919.9	906.8	898.9	883.0	871.0
162.5°	962.8	967.7	962.8	957.9	956.7	940.1	917.9	906.8	901.1	889.5	880.9
165°	949.1	954.2	949.1	943.8	942.6	930.6	914.7	906.8	904.2	899.0	895.0
167.5°	939.1	941.3	939.1	936.9	936.3	928.5	918.1	912.9	910.7	906.3	903.0
170°	936.3	936.3	936.3	936.3	936.3	928.5	918.1	912.9	912.8	912.5	912.3
172.5°	929.0	927.1	929.0	930.9	931.4	925.3	917.1	912.9	912.9	912.9	912.9
175°	924.7	924.7	924.7	924.7	924.7	920.7	915.5	912.9	914.1	916.6	918.4
177.5°	920.6	918.4	920.6	922.8	923.4	920.3	916.3	914.2	915.2	917.1	918.4
180°	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4



TEST NUMBER: P935319

CATALOG NUMBER: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6
2.5°	2688.2	2673.1	2673.1	2648.1	2638.1	2630.6	2618.0	2580.4	2570.4	2560.3	2575.3
5°	2710.8	2683.2	2663.2	2618.0	2580.4	2565.3	2517.7	2427.4	2367.2	2322.1	2297.0
7.5°	2715.8	2680.6	2643.1	2572.9	2482.5	2442.4	2297.0	2131.5	2086.4	2046.2	2021.2
10°	2710.8	2670.7	2618.0	2512.7	2299.6	2229.3	2083.9	1976.0	1948.4	1940.9	1948.4
12.5°	2693.2	2655.6	2582.9	2407.4	2109.0	2061.3	1976.0	1913.4	1908.3	1920.9	1988.5
15°	2663.2	2628.0	2542.8	2267.0	2003.7	1968.5	1908.3	1885.8	1913.4	2001.1	2204.2
17.5°	2633.0	2592.9	2487.6	2129.0	1923.3	1898.3	1855.7	1900.8	2056.3	2174.1	2241.9
20°	2592.9	2545.3	2424.9	2028.7	1865.7	1843.1	1823.1	2026.2	2144.1	2186.6	2224.3
22.5°	2545.3	2495.1	2339.7	1958.5	1805.5	1788.0	1800.5	2096.4	2144.1	2174.1	2206.7
25°	2482.5	2440.0	2239.3	1903.3	1757.8	1737.8	1785.4	2088.9	2116.5	2124.0	2189.2
27.5°	2424.9	2369.7	2134.0	1853.2	1700.2	1692.6	1798.0	2056.3	2076.4	2083.9	2154.0
30°	2354.7	2271.9	2016.1	1800.5	1640.0	1637.5	1800.5	2016.1	2011.2	2031.2	2101.4
32.5°	2282.0	2126.5	1883.2	1735.3	1582.4	1579.8	1782.9	1955.9	1951.0	1978.6	2031.2
35°	2214.3	2013.6	1702.7	1660.0	1509.6	1512.1	1740.4	1885.8	1888.3	1913.4	1946.0
37.5°	2144.1	1915.8	1504.6	1577.3	1439.4	1439.4	1682.7	1820.6	1815.5	1823.1	1868.2
40°	2061.3	1762.9	1329.1	1469.5	1374.2	1366.7	1612.4	1750.3	1732.8	1730.3	1793.0
42.5°	1973.5	1594.8	1198.6	1326.6	1298.9	1288.9	1527.2	1665.1	1632.5	1640.0	1720.2
45°	1878.2	1549.8	1098.4	1120.9	1221.3	1213.7	1434.4	1567.3	1544.7	1564.8	1647.5
47.5°	1782.9	1459.5	1065.8	930.3	1138.5	1136.0	1331.5	1472.0	1459.5	1479.5	1567.3
50°	1652.5	1359.2	1063.3	797.4	1045.7	1055.7	1208.7	1379.2	1379.2	1396.7	1489.5
52.5°	1484.6	1236.3	965.5	722.2	937.9	967.9	1100.8	1298.9	1304.0	1321.5	1404.2
55°	1331.5	1108.3	895.2	664.5	810.0	875.2	995.5	1216.2	1226.2	1243.8	1319.0
57.5°	1191.1	922.8	880.2	596.9	692.1	754.8	902.7	1136.0	1140.9	1156.1	1228.8
60°	1040.7	667.0	807.5	524.1	589.3	637.0	817.5	1040.7	1058.2	1068.2	1131.0
62.5°	870.1	484.0	732.2	473.9	539.2	549.1	747.3	950.4	973.0	980.5	1018.1
65°	619.4	406.3	621.9	431.4	486.5	489.0	672.0	857.6	877.6	890.2	917.9
67.5°	418.8	331.0	473.9	391.1	446.4	448.8	599.3	749.8	777.4	787.4	804.9
70°	290.9	220.7	351.0	348.6	401.2	406.3	521.6	652.0	677.1	684.6	694.7
72.5°	213.1	178.0	290.9	313.5	353.6	358.6	441.3	541.6	566.7	574.2	579.3
75°	163.0	188.1	235.7	273.4	300.9	303.4	361.1	441.3	458.9	464.0	466.4
77.5°	130.4	175.6	173.0	220.7	245.7	240.8	283.4	341.1	356.1	356.1	356.1
80°	97.8	137.9	130.4	158.0	180.5	175.6	203.1	243.2	248.3	253.2	250.8
82.5°	72.7	87.7	87.7	100.3	120.3	115.4	135.5	158.0	158.0	158.0	163.0
85°	45.2	50.2	40.1	52.7	67.7	65.2	75.2	85.3	87.7	87.7	82.8
87.5°	27.6	22.5	12.5	20.1	30.1	30.1	35.1	37.6	35.1	35.1	35.1
90°	16.0	11.1	6.1	11.1	16.0	17.3	27.2	40.3	46.8	41.6	31.2
92.5°	108.5	66.6	24.7	66.6	108.5	119.0	167.3	231.6	263.8	231.2	166.0
95°	212.6	135.8	59.2	135.8	212.6	231.8	411.6	651.3	771.1	688.1	522.1
97.5°	237.7	170.0	102.4	170.0	237.7	254.6	554.4	954.1	1154.0	1101.5	996.6
100°	258.4	197.0	135.7	197.0	258.4	273.7	606.3	1049.8	1271.7	1275.5	1283.2
102.5°	278.5	221.3	164.0	221.3	278.5	292.8	630.2	1080.1	1305.0	1371.8	1505.5
105°	309.0	260.5	212.0	260.5	309.0	321.2	647.9	1083.5	1301.3	1451.2	1750.8
107.5°	351.8	306.6	261.3	306.6	351.8	363.1	651.2	1035.2	1227.3	1436.4	1854.4
110°	376.3	335.4	294.6	335.4	376.3	386.5	646.3	992.5	1165.6	1399.3	1866.7



TEST NUMBER: P935319

CATALOG NUMBER: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	405.2	366.3	327.3	366.3	405.2	414.9	646.4	955.2	1109.5	1348.7	1827.1
115°	448.4	412.5	376.6	412.5	448.4	457.3	652.4	912.3	1042.3	1272.7	1733.6
117.5°	490.5	457.9	425.3	457.9	490.5	498.6	664.4	885.5	996.1	1204.1	1619.9
120°	515.0	484.4	453.7	484.4	515.0	522.8	674.4	876.6	977.6	1167.6	1547.6
122.5°	543.4	512.4	481.5	512.4	543.4	551.1	688.5	871.8	963.5	1134.6	1476.8
125°	580.4	552.2	523.9	552.2	580.4	587.5	707.7	868.0	948.1	1093.4	1384.1
127.5°	615.5	587.0	558.5	587.0	615.5	622.6	726.8	865.7	935.1	1059.9	1309.5
130°	638.3	607.7	577.0	607.7	638.3	646.1	740.8	867.1	930.2	1041.3	1263.5
132.5°	657.4	626.8	596.1	626.8	657.4	665.1	752.1	868.0	925.9	1025.3	1224.2
135°	680.3	652.4	624.4	652.4	680.3	687.4	764.4	867.1	918.4	1001.7	1168.3
137.5°	708.8	681.0	653.4	681.0	708.8	715.7	782.9	872.5	917.3	987.7	1128.5
140°	728.5	703.0	677.5	703.0	728.5	734.8	794.2	873.3	912.9	973.8	1095.4
142.5°	743.1	719.6	695.9	719.6	743.1	749.0	803.6	876.5	912.9	966.4	1073.2
145°	765.4	744.9	724.3	744.9	765.4	770.5	816.0	876.6	906.8	950.5	1037.9
147.5°	792.6	772.6	752.7	772.6	792.6	797.6	834.0	882.5	906.8	941.2	1009.9
150°	807.3	789.2	771.1	789.2	807.3	811.8	843.5	885.6	906.8	935.8	993.8
152.5°	817.7	804.0	790.3	804.0	817.7	821.1	849.7	887.7	906.8	931.6	981.2
155°	838.8	828.7	818.7	828.7	838.8	841.4	863.2	892.3	906.8	926.5	966.0
157.5°	859.3	849.5	839.6	849.5	859.3	861.7	876.8	896.8	906.8	922.1	952.8
160°	869.1	861.4	853.7	861.4	869.1	871.0	883.0	898.9	906.8	919.9	946.2
162.5°	879.4	873.7	868.0	873.7	879.4	880.9	889.5	901.1	906.8	917.9	940.1
165°	893.7	888.5	883.4	888.5	893.7	895.0	899.0	904.2	906.8	914.7	930.6
167.5°	902.4	900.0	897.5	900.0	902.4	903.0	906.3	910.7	912.9	918.1	928.5
170°	911.7	909.3	906.8	909.3	911.7	912.3	912.5	912.8	912.9	918.1	928.5
172.5°	912.8	912.2	911.7	912.2	912.8	912.9	912.9	912.9	912.9	917.1	925.3
175°	918.4	918.4	918.4	918.4	918.4	918.4	916.6	914.1	912.9	915.5	920.7
177.5°	918.4	918.4	918.4	918.4	918.4	918.4	917.1	915.2	914.2	916.3	920.3
180°	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4



TEST NUMBER: P935319
 CATALOG NUMBER: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6
2.5°	2557.8	2550.3	2560.3	2532.7	2560.3	2550.3	2557.8	2575.3	2560.3	2570.4	2580.4
5°	2244.3	2231.8	2191.7	2159.1	2191.7	2231.8	2244.3	2297.0	2322.1	2367.2	2427.4
7.5°	2006.1	1996.1	1986.1	1966.0	1986.1	1996.1	2006.1	2021.2	2046.2	2086.4	2131.5
10°	1953.5	1955.9	1971.1	1968.5	1971.1	1955.9	1953.5	1948.4	1940.9	1948.4	1976.0
12.5°	2088.9	2111.5	2194.2	2189.2	2194.2	2111.5	2088.9	1988.5	1920.9	1908.3	1913.4
15°	2244.3	2251.8	2269.4	2271.9	2269.4	2251.8	2244.3	2204.2	2001.1	1913.4	1885.8
17.5°	2259.4	2261.9	2274.5	2274.5	2274.5	2261.9	2259.4	2241.9	2174.1	2056.3	1900.8
20°	2246.9	2251.8	2276.9	2282.0	2276.9	2251.8	2246.9	2224.3	2186.6	2144.1	2026.2
22.5°	2241.9	2251.8	2271.9	2269.4	2271.9	2251.8	2241.9	2206.7	2174.1	2144.1	2096.4
25°	2216.8	2216.8	2219.2	2221.8	2219.2	2216.8	2216.8	2189.2	2124.0	2116.5	2088.9
27.5°	2164.1	2169.2	2184.2	2181.7	2184.2	2169.2	2164.1	2154.0	2083.9	2076.4	2056.3
30°	2116.5	2111.5	2098.9	2088.9	2098.9	2111.5	2116.5	2101.4	2031.2	2011.2	2016.1
32.5°	2036.3	2023.7	2011.2	2003.7	2011.2	2023.7	2036.3	2031.2	1978.6	1951.0	1955.9
35°	1940.9	1943.4	1940.9	1933.4	1940.9	1943.4	1940.9	1946.0	1913.4	1888.3	1885.8
37.5°	1873.2	1878.2	1875.7	1865.7	1875.7	1878.2	1873.2	1868.2	1823.1	1815.5	1820.6
40°	1803.0	1805.5	1803.0	1795.5	1803.0	1805.5	1803.0	1793.0	1730.3	1732.8	1750.3
42.5°	1735.3	1732.8	1725.2	1720.2	1725.2	1732.8	1735.3	1720.2	1640.0	1632.5	1665.1
45°	1657.6	1660.0	1645.0	1637.5	1645.0	1660.0	1657.6	1647.5	1564.8	1544.7	1567.3
47.5°	1579.8	1579.8	1567.3	1559.8	1567.3	1579.8	1579.8	1567.3	1479.5	1459.5	1472.0
50°	1497.1	1494.5	1477.1	1474.5	1477.1	1494.5	1497.1	1489.5	1396.7	1379.2	1379.2
52.5°	1401.8	1401.8	1404.2	1409.3	1404.2	1401.8	1401.8	1404.2	1321.5	1304.0	1298.9
55°	1319.0	1321.5	1339.1	1344.1	1339.1	1321.5	1319.0	1319.0	1243.8	1226.2	1216.2
57.5°	1233.8	1233.8	1246.3	1246.3	1246.3	1233.8	1233.8	1228.8	1156.1	1140.9	1136.0
60°	1136.0	1140.9	1151.0	1148.6	1151.0	1140.9	1136.0	1131.0	1068.2	1058.2	1040.7
62.5°	1033.2	1038.2	1040.7	1035.6	1040.7	1038.2	1033.2	1018.1	980.5	973.0	950.4
65°	925.4	930.3	932.9	927.8	932.9	930.3	925.4	917.9	890.2	877.6	857.6
67.5°	815.0	812.4	810.0	820.0	810.0	812.4	815.0	804.9	787.4	777.4	749.8
70°	702.2	702.2	699.6	704.6	699.6	702.2	702.2	694.7	684.6	677.1	652.0
72.5°	581.7	579.3	589.3	581.7	589.3	579.3	581.7	579.3	574.2	566.7	541.6
75°	464.0	468.9	464.0	471.5	464.0	468.9	464.0	466.4	464.0	458.9	441.3
77.5°	353.6	358.6	353.6	353.6	353.6	358.6	353.6	356.1	356.1	356.1	341.1
80°	250.8	248.3	248.3	245.7	248.3	248.3	250.8	250.8	253.2	248.3	243.2
82.5°	160.5	158.0	158.0	163.0	158.0	158.0	160.5	163.0	158.0	158.0	158.0
85°	87.7	90.3	85.3	85.3	85.3	90.3	87.7	82.8	87.7	87.7	85.3
87.5°	32.6	30.1	30.1	30.1	30.1	30.1	32.6	35.1	35.1	35.1	37.6
90°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	31.2	41.6	46.8	40.3
92.5°	117.1	112.4	93.8	75.2	93.8	112.4	117.1	166.0	231.2	263.8	231.6
95°	397.6	383.4	327.0	270.6	327.0	383.4	397.6	522.1	688.1	771.1	651.3
97.5°	917.9	891.0	783.6	676.2	783.6	891.0	917.9	996.6	1101.5	1154.0	954.1
100°	1288.9	1256.9	1129.0	1001.0	1129.0	1256.9	1288.9	1283.2	1275.5	1271.7	1049.8
102.5°	1605.8	1578.4	1468.8	1359.2	1468.8	1578.4	1605.8	1505.5	1371.8	1305.0	1080.1
105°	1975.6	1960.9	1902.0	1843.1	1902.0	1960.9	1975.6	1750.8	1451.2	1301.3	1083.5
107.5°	2168.0	2171.5	2185.9	2200.1	2185.9	2171.5	2168.0	1854.4	1436.4	1227.3	1035.2
110°	2217.3	2232.6	2294.0	2355.4	2294.0	2232.6	2217.3	1866.7	1399.3	1165.6	992.5



TEST NUMBER: P935319

CATALOG NUMBER: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2185.9	2209.4	2303.6	2397.9	2303.6	2209.4	2185.9	1827.1	1348.7	1109.5	955.2
115°	2079.2	2111.9	2242.6	2373.3	2242.6	2111.9	2079.2	1733.6	1272.7	1042.3	912.3
117.5°	1931.8	1968.1	2113.0	2258.0	2113.0	1968.1	1931.8	1619.9	1204.1	996.1	885.5
120°	1832.6	1867.8	2008.7	2149.5	2008.7	1867.8	1832.6	1547.6	1167.6	977.6	876.6
122.5°	1733.3	1768.1	1907.0	2046.0	1907.0	1768.1	1733.3	1476.8	1134.6	963.5	871.8
125°	1602.1	1634.2	1762.0	1889.9	1762.0	1634.2	1602.1	1384.1	1093.4	948.1	868.0
127.5°	1496.7	1523.7	1631.7	1739.6	1631.7	1523.7	1496.7	1309.5	1059.9	935.1	865.7
130°	1430.1	1455.0	1554.8	1654.5	1554.8	1455.0	1430.1	1263.5	1041.3	930.2	867.1
132.5°	1373.4	1395.7	1485.1	1574.4	1485.1	1395.7	1373.4	1224.2	1025.3	925.9	868.0
135°	1293.3	1312.6	1389.5	1466.5	1389.5	1312.6	1293.3	1168.3	1001.7	918.4	867.1
137.5°	1234.1	1249.8	1312.9	1375.9	1312.9	1249.8	1234.1	1128.5	987.7	917.3	872.5
140°	1186.6	1201.3	1260.3	1319.2	1260.3	1201.3	1186.6	1095.4	973.8	912.9	873.3
142.5°	1153.3	1165.9	1216.7	1267.4	1216.7	1165.9	1153.3	1073.2	966.4	912.9	876.5
145°	1103.4	1113.0	1151.4	1189.7	1151.4	1113.0	1103.4	1037.9	950.5	906.8	876.6
147.5°	1061.5	1069.4	1101.2	1133.0	1101.2	1069.4	1061.5	1009.9	941.2	906.8	882.5
150°	1037.4	1043.8	1069.6	1095.4	1069.6	1043.8	1037.4	993.8	935.8	906.8	885.6
152.5°	1018.3	1023.2	1042.6	1062.1	1042.6	1023.2	1018.3	981.2	931.6	906.8	887.7
155°	995.5	998.8	1011.6	1024.5	1011.6	998.8	995.5	966.0	926.5	906.8	892.3
157.5°	975.8	978.1	987.1	996.1	987.1	978.1	975.8	952.8	922.1	906.8	896.8
160°	966.0	967.3	972.5	977.6	972.5	967.3	966.0	946.2	919.9	906.8	898.9
162.5°	956.7	957.9	962.8	967.7	962.8	957.9	956.7	940.1	917.9	906.8	901.1
165°	942.6	943.8	949.1	954.2	949.1	943.8	942.6	930.6	914.7	906.8	904.2
167.5°	936.3	936.9	939.1	941.3	939.1	936.9	936.3	928.5	918.1	912.9	910.7
170°	936.3	936.3	936.3	936.3	936.3	936.3	936.3	928.5	918.1	912.9	912.8
172.5°	931.4	930.9	929.0	927.1	929.0	930.9	931.4	925.3	917.1	912.9	912.9
175°	924.7	924.7	924.7	924.7	924.7	924.7	924.7	920.7	915.5	912.9	914.1
177.5°	923.4	922.8	920.6	918.4	920.6	922.8	923.4	920.3	916.3	914.2	915.2
180°	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4



TEST NUMBER: P935319
 CATALOG NUMBER: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2650.6	2650.6	2650.6	2650.6	2650.6
2.5°	2618.0	2630.6	2638.1	2648.1	2673.1
5°	2517.7	2565.3	2580.4	2618.0	2663.2
7.5°	2297.0	2442.4	2482.5	2572.9	2643.1
10°	2083.9	2229.3	2299.6	2512.7	2618.0
12.5°	1976.0	2061.3	2109.0	2407.4	2582.9
15°	1908.3	1968.5	2003.7	2267.0	2542.8
17.5°	1855.7	1898.3	1923.3	2129.0	2487.6
20°	1823.1	1843.1	1865.7	2028.7	2424.9
22.5°	1800.5	1788.0	1805.5	1958.5	2339.7
25°	1785.4	1737.8	1757.8	1903.3	2239.3
27.5°	1798.0	1692.6	1700.2	1853.2	2134.0
30°	1800.5	1637.5	1640.0	1800.5	2016.1
32.5°	1782.9	1579.8	1582.4	1735.3	1883.2
35°	1740.4	1512.1	1509.6	1660.0	1702.7
37.5°	1682.7	1439.4	1439.4	1577.3	1504.6
40°	1612.4	1366.7	1374.2	1469.5	1329.1
42.5°	1527.2	1288.9	1298.9	1326.6	1198.6
45°	1434.4	1213.7	1221.3	1120.9	1098.4
47.5°	1331.5	1136.0	1138.5	930.3	1065.8
50°	1208.7	1055.7	1045.7	797.4	1063.3
52.5°	1100.8	967.9	937.9	722.2	965.5
55°	995.5	875.2	810.0	664.5	895.2
57.5°	902.7	754.8	692.1	596.9	880.2
60°	817.5	637.0	589.3	524.1	807.5
62.5°	747.3	549.1	539.2	473.9	732.2
65°	672.0	489.0	486.5	431.4	621.9
67.5°	599.3	448.8	446.4	391.1	473.9
70°	521.6	406.3	401.2	348.6	351.0
72.5°	441.3	358.6	353.6	313.5	290.9
75°	361.1	303.4	300.9	273.4	235.7
77.5°	283.4	240.8	245.7	220.7	173.0
80°	203.1	175.6	180.5	158.0	130.4
82.5°	135.5	115.4	120.3	100.3	87.7
85°	75.2	65.2	67.7	52.7	40.1
87.5°	35.1	30.1	30.1	20.1	12.5
90°	27.2	17.3	16.0	11.1	6.1
92.5°	167.3	119.0	108.5	66.6	24.7
95°	411.6	231.8	212.6	135.8	59.2
97.5°	554.4	254.6	237.7	170.0	102.4
100°	606.3	273.7	258.4	197.0	135.7
102.5°	630.2	292.8	278.5	221.3	164.0
105°	647.9	321.2	309.0	260.5	212.0
107.5°	651.2	363.1	351.8	306.6	261.3
110°	646.3	386.5	376.3	335.4	294.6



TEST NUMBER: P935319

CATALOG NUMBER: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	646.4	414.9	405.2	366.3	327.3
115°	652.4	457.3	448.4	412.5	376.6
117.5°	664.4	498.6	490.5	457.9	425.3
120°	674.4	522.8	515.0	484.4	453.7
122.5°	688.5	551.1	543.4	512.4	481.5
125°	707.7	587.5	580.4	552.2	523.9
127.5°	726.8	622.6	615.5	587.0	558.5
130°	740.8	646.1	638.3	607.7	577.0
132.5°	752.1	665.1	657.4	626.8	596.1
135°	764.4	687.4	680.3	652.4	624.4
137.5°	782.9	715.7	708.8	681.0	653.4
140°	794.2	734.8	728.5	703.0	677.5
142.5°	803.6	749.0	743.1	719.6	695.9
145°	816.0	770.5	765.4	744.9	724.3
147.5°	834.0	797.6	792.6	772.6	752.7
150°	843.5	811.8	807.3	789.2	771.1
152.5°	849.7	821.1	817.7	804.0	790.3
155°	863.2	841.4	838.8	828.7	818.7
157.5°	876.8	861.7	859.3	849.5	839.6
160°	883.0	871.0	869.1	861.4	853.7
162.5°	889.5	880.9	879.4	873.7	868.0
165°	899.0	895.0	893.7	888.5	883.4
167.5°	906.3	903.0	902.4	900.0	897.5
170°	912.5	912.3	911.7	909.3	906.8
172.5°	912.9	912.9	912.8	912.2	911.7
175°	916.6	918.4	918.4	918.4	918.4
177.5°	917.1	918.4	918.4	918.4	918.4
180°	918.4	918.4	918.4	918.4	918.4



TEST NUMBER: P935319
 CATALOG NUMBER: SQ4-FA-100U-125D-840-1D-UNV-STD-W-6

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	14.85	15.74	15.77	16.69	17.90	17.67	18.57	18.60	19.51	20.73
	3H	15.33	16.13	16.26	17.08	18.32	19.02	19.82	19.95	20.77	22.01
	4H	15.52	16.28	16.47	17.23	18.49	19.46	20.22	20.41	21.18	22.43
	6H	15.64	16.34	16.60	17.30	18.57	19.75	20.45	20.71	21.41	22.67
	8H	15.64	16.31	16.61	17.29	18.55	19.82	20.49	20.79	21.47	22.73
	12H	15.61	16.25	16.59	17.22	18.51	19.86	20.49	20.84	21.47	22.76
4H	2H	15.88	16.64	16.84	17.60	18.85	18.08	18.84	19.04	19.80	21.05
	3H	16.91	17.54	17.88	18.53	19.80	19.59	20.22	20.56	21.21	22.48
	4H	17.19	17.77	18.17	18.75	20.04	20.12	20.70	21.10	21.68	22.97
	6H	17.32	17.81	18.31	18.82	20.11	20.49	20.98	21.48	21.99	23.28
	8H	17.32	17.79	18.31	18.79	20.09	20.59	21.06	21.58	22.06	23.36
	12H	17.29	17.71	18.30	18.73	20.03	20.65	21.07	21.66	22.08	23.39
8H	4H	17.65	18.11	18.64	19.11	20.41	20.25	20.71	21.24	21.71	23.01
	6H	17.91	18.29	18.92	19.33	20.63	20.68	21.07	21.70	22.11	23.41
	8H	17.95	18.29	18.98	19.32	20.64	20.84	21.17	21.86	22.20	23.52
	12H	17.94	18.23	18.96	19.26	20.62	20.93	21.23	21.96	22.25	23.62
12H	4H	17.65	18.07	18.66	19.09	20.39	20.21	20.63	21.22	21.65	22.96
	6H	17.97	18.31	18.99	19.33	20.65	20.68	21.02	21.71	22.05	23.37
	8H	18.04	18.34	19.07	19.36	20.72	20.84	21.14	21.87	22.16	23.53