

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: P935517

Luminaire Tested: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935517
REPORT IS A COMBINATION OF REPORTS P933757 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

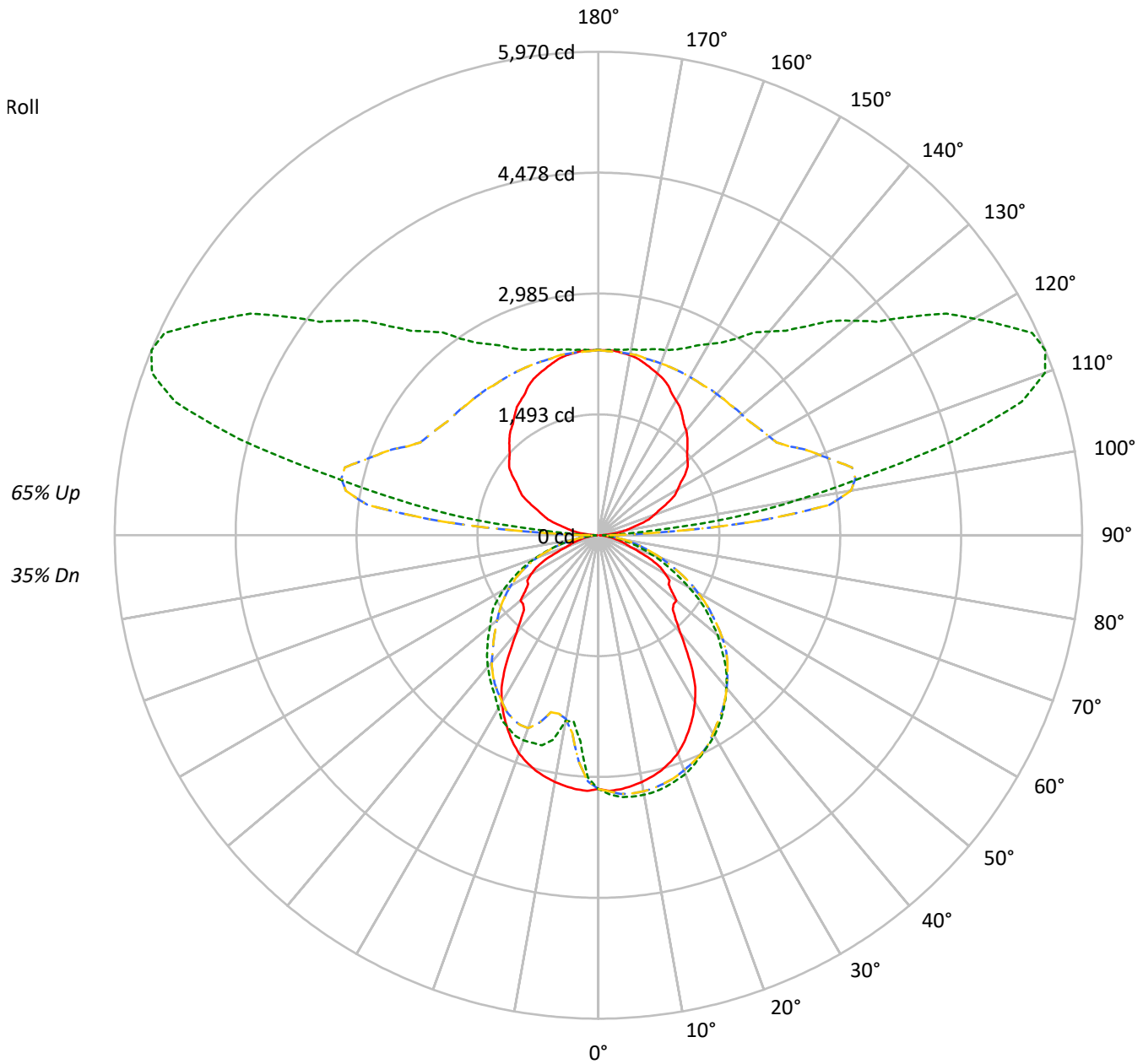
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22955.1 lumens
Efficiency: N/A
Efficacy: 137.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 166.8
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

TEST NUMBER: P935517
CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

Luminous Intensity Polar Plot



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



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CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

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	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35				35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30				30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25				25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21				21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18				18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16				16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14				14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12				12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11				11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10				10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9				9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9691	9691	9691	9691
5°	9767	9782	9767	7692
10°	9705	9636	9705	6889
15°	9603	9427	9603	7872
20°	9406	9180	9406	7888
25°	8999	8819	8999	7721
30°	8471	8520	8471	7354
35°	7555	8141	7555	6951
40°	6299	7695	6299	6646
45°	5632	7173	5632	6296
50°	5988	6550	5988	5944
55°	5639	5879	5639	5740
60°	5820	4993	5820	5258
65°	5286	4128	5286	4614
70°	3669	3290	3669	3868
75°	3229	2432	3229	2912
80°	2621	1608	2621	1751
85°	1536	852	1536	724

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8626 cd/sqm



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CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	282.8	1.2
10°-20°	803.0	3.5
20°-30°	1241.3	5.4
30°-40°	1481.8	6.5
40°-50°	1490.4	6.5
50°-60°	1296.9	5.6
60°-70°	919.5	4.0
70°-80°	486.5	2.1
80°-90°	129.9	0.6
90°-100°	1114.6	4.9
100°-110°	2930.4	12.8
110°-120°	3038.5	13.2
120°-130°	2437.2	10.6
130°-140°	1912.4	8.3
140°-150°	1467.8	6.4
150°-160°	1057.1	4.6
160°-170°	646.8	2.8
170°-180°	218.5	1.0
0°-30°	2327.0	10.1
0°-40°	3808.8	16.6
0°-60°	6596.1	28.7
0°-90°	8132.0	35.4
90°-120°	7083.4	30.9
90°-150°	12900.8	56.2
90°-180°	14823.0	64.6
0°-180°	22955.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3133	3133	3133	3133	3133	
5°	3148	3246	3148	2552	3148	299
15°	3006	3216	3006	2686	3006	846
25°	2647	3000	2647	2626	2647	1215
35°	2013	2677	2013	2285	2013	1245
45°	1298	2205	1298	1936	1298	1040
55°	1058	1627	1058	1589	1058	972
65°	735	981	735	1097	735	703
75°	279	465	279	557	279	293
85°	47	119	47	101	47	64
90°	15	58	15	58	15	15
95°	147	674	147	674	147	164
105°	528	4589	528	4589	528	560
115°	938	5908	938	5908	938	926
125°	1304	4705	1304	4705	1304	1158
135°	1555	3651	1555	3651	1555	1203
145°	1803	2962	1803	2962	1803	1130
155°	2038	2550	2038	2550	2038	936
165°	2199	2376	2199	2376	2199	621
175°	2287	2302	2287	2302	2287	217
180°	2287	2287	2287	2287	2287	



TEST NUMBER: P935517

CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0
2.5°	3159.7	3159.7	3177.5	3183.4	3183.4	3174.5	3165.7	3174.5	3201.2	3210.1	3207.1
5°	3147.9	3171.6	3204.2	3210.1	3216.0	3213.1	3207.1	3213.1	3242.7	3248.6	3251.6
7.5°	3124.2	3168.6	3210.1	3219.0	3227.9	3219.0	3216.0	3222.0	3251.6	3257.5	3257.5
10°	3094.5	3156.8	3204.2	3210.1	3219.0	3210.1	3210.1	3222.0	3251.6	3257.5	3260.5
12.5°	3053.0	3139.0	3183.4	3189.4	3201.2	3198.3	3195.3	3207.1	3236.8	3242.7	3242.7
15°	3005.6	3106.4	3147.9	3153.8	3174.5	3168.6	3168.6	3180.5	3213.1	3222.0	3219.0
17.5°	2940.4	3064.9	3112.3	3121.2	3136.0	3133.0	3136.0	3147.9	3177.5	3183.4	3186.4
20°	2866.3	3008.6	3064.9	3073.8	3088.6	3088.6	3088.6	3103.4	3133.0	3144.9	3144.9
22.5°	2765.5	2949.3	3008.6	3014.5	3032.3	3032.3	3038.2	3058.9	3085.6	3088.6	3088.6
25°	2647.0	2884.1	2934.5	2952.2	2970.0	2978.9	2987.8	2999.7	3008.6	3005.6	3008.6
27.5°	2522.4	2801.1	2866.3	2878.1	2901.9	2910.7	2922.6	2925.6	2928.5	2937.4	2931.5
30°	2383.1	2685.5	2783.3	2795.2	2833.7	2839.6	2827.8	2833.7	2848.5	2854.4	2860.4
32.5°	2226.0	2513.5	2697.3	2724.0	2759.6	2741.8	2738.8	2747.7	2771.4	2771.4	2777.4
35°	2012.6	2380.1	2617.3	2641.0	2667.7	2647.0	2658.8	2661.8	2676.6	2685.5	2682.5
37.5°	1778.4	2264.5	2534.2	2552.0	2572.8	2546.1	2563.9	2572.8	2584.6	2578.7	2578.7
40°	1570.9	2083.7	2436.4	2448.3	2466.0	2445.3	2463.1	2469.0	2474.9	2469.0	2466.0
42.5°	1416.8	1885.1	2332.7	2347.5	2335.6	2350.5	2356.4	2368.2	2359.3	2347.5	2347.5
45°	1298.2	1831.8	2220.0	2237.8	2220.0	2243.7	2252.6	2252.6	2226.0	2220.0	2217.1
47.5°	1259.7	1725.0	2107.4	2107.4	2098.5	2128.2	2143.0	2122.2	2095.5	2086.7	2086.7
50°	1256.7	1606.5	1953.3	1941.4	1982.9	2018.5	2003.7	1982.9	1962.2	1929.6	1929.6
52.5°	1141.1	1461.3	1754.7	1799.1	1864.4	1885.1	1861.4	1840.6	1805.1	1790.3	1778.4
55°	1058.1	1310.1	1573.9	1662.8	1731.0	1757.7	1713.2	1692.4	1639.1	1630.2	1624.3
57.5°	1040.4	1090.8	1407.9	1520.5	1603.5	1600.6	1573.9	1535.4	1490.9	1482.0	1479.0
60°	954.4	788.4	1230.1	1363.4	1449.4	1440.5	1416.8	1381.2	1339.7	1333.8	1327.9
62.5°	865.5	572.1	1028.5	1179.7	1301.2	1298.2	1277.5	1224.1	1194.5	1179.7	1167.8
65°	735.1	480.2	732.1	981.1	1156.0	1161.9	1117.4	1078.9	1046.3	1028.5	1025.5
67.5°	560.2	391.2	495.0	818.1	1016.7	1010.7	954.4	936.6	895.1	886.2	868.5
70°	415.0	260.8	343.8	663.9	880.3	865.5	821.0	800.3	761.7	741.0	729.1
72.5°	343.8	210.4	251.9	515.7	741.0	723.2	684.7	661.0	628.4	610.6	598.7
75°	278.6	222.3	192.7	382.4	601.7	589.8	554.3	530.6	503.9	480.2	483.1
77.5°	204.5	207.5	154.1	281.6	477.2	459.4	438.7	409.0	397.2	373.5	373.5
80°	154.1	163.0	115.6	192.7	343.8	343.8	326.0	305.3	284.5	272.7	272.7
82.5°	103.7	103.7	86.0	121.5	234.2	225.3	213.4	207.5	195.6	189.7	189.7
85°	47.4	59.3	53.4	74.1	127.5	133.4	133.4	127.5	124.5	118.6	121.5
87.5°	14.8	26.7	32.6	41.5	65.2	68.2	71.1	71.1	71.1	74.1	74.1
90°	15.3	27.6	39.9	43.0	67.5	100.2	116.6	103.6	77.8	58.3	58.3
92.5°	61.4	165.7	270.1	296.2	416.4	576.7	656.8	575.6	413.3	291.6	280.0
95°	147.3	338.3	529.3	577.0	1024.6	1621.4	1919.8	1713.1	1299.8	989.9	954.7
97.5°	254.7	423.2	591.7	633.8	1380.1	2375.3	2872.8	2742.2	2481.0	2285.0	2218.2
100°	337.6	490.4	643.2	681.4	1509.6	2613.9	3165.9	3175.5	3194.6	3208.9	3129.3
102.5°	408.2	550.8	693.3	728.9	1568.9	2688.8	3248.8	3415.2	3748.1	3997.7	3929.6
105°	527.9	648.6	769.4	799.6	1612.9	2697.3	3239.6	3612.6	4358.9	4918.5	4881.8
107.5°	650.7	763.2	875.8	903.9	1621.1	2577.4	3055.5	3575.9	4616.6	5397.2	5406.1
110°	733.6	835.2	936.8	962.2	1608.8	2470.9	2902.0	3483.8	4647.4	5520.1	5558.3



TEST NUMBER: P935517

CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	814.9	911.7	1008.6	1032.8	1609.3	2378.0	2762.3	3357.8	4548.7	5441.8	5500.5
115°	937.6	1026.9	1116.3	1138.7	1624.2	2271.4	2595.1	3168.7	4315.9	5176.3	5257.6
117.5°	1058.9	1140.1	1221.3	1241.5	1654.3	2204.7	2480.0	2997.7	4033.0	4809.5	4899.7
120°	1129.5	1205.9	1282.3	1301.4	1678.9	2182.3	2433.9	2907.0	3853.0	4562.5	4650.1
122.5°	1198.5	1275.6	1352.7	1371.9	1714.2	2170.5	2398.7	2824.6	3676.4	4315.4	4401.8
125°	1304.5	1374.7	1445.0	1462.5	1761.8	2160.8	2360.2	2722.0	3445.7	3988.5	4068.1
127.5°	1390.4	1461.4	1532.3	1550.0	1809.3	2155.1	2328.0	2638.7	3260.0	3726.0	3793.2
130°	1436.5	1512.8	1589.2	1608.3	1844.1	2158.6	2315.8	2592.3	3145.5	3560.4	3622.4
132.5°	1484.0	1560.3	1636.8	1655.9	1872.3	2160.8	2305.0	2552.6	3047.8	3419.2	3474.8
135°	1554.6	1624.2	1693.7	1711.1	1903.0	2158.8	2286.6	2494.0	2908.7	3219.7	3267.6
137.5°	1626.7	1695.6	1764.5	1781.7	1948.9	2172.0	2283.6	2458.8	2809.4	3072.3	3111.5
140°	1686.5	1749.9	1813.4	1829.3	1977.1	2174.2	2272.8	2424.2	2727.0	2954.1	2990.8
142.5°	1732.6	1791.2	1849.9	1864.6	2000.6	2182.1	2272.8	2405.8	2671.8	2871.3	2902.8
145°	1803.2	1854.4	1905.6	1918.3	2031.3	2182.1	2257.5	2366.3	2583.8	2746.9	2770.8
147.5°	1873.7	1923.5	1973.3	1985.8	2076.4	2197.1	2257.5	2343.0	2514.3	2642.6	2662.4
150°	1919.8	1964.8	2009.9	2021.2	2099.9	2204.9	2257.5	2329.8	2474.3	2582.7	2598.7
152.5°	1967.4	2001.5	2035.7	2044.2	2115.3	2210.1	2257.5	2319.2	2442.6	2535.2	2547.4
155°	2037.9	2063.2	2088.4	2094.8	2149.0	2221.3	2257.5	2306.6	2404.8	2478.4	2486.4
157.5°	2090.2	2114.7	2139.3	2145.4	2182.8	2232.6	2257.5	2295.6	2372.0	2429.3	2434.9
160°	2125.5	2144.6	2163.7	2168.5	2198.1	2237.7	2257.5	2290.2	2355.7	2404.8	2408.1
162.5°	2160.8	2175.1	2189.4	2193.0	2214.5	2243.2	2257.5	2285.1	2340.4	2381.8	2384.8
165°	2199.1	2212.0	2225.0	2228.2	2238.0	2251.0	2257.5	2277.2	2316.8	2346.4	2349.7
167.5°	2234.5	2240.6	2246.7	2248.2	2256.4	2267.4	2272.8	2285.7	2311.6	2331.1	2332.5
170°	2257.5	2263.6	2269.7	2271.2	2271.7	2272.4	2272.8	2285.7	2311.6	2331.1	2331.1
172.5°	2269.7	2271.1	2272.5	2272.8	2272.8	2272.8	2272.8	2283.1	2303.5	2318.8	2317.7
175°	2286.6	2286.6	2286.6	2286.6	2282.0	2275.9	2272.8	2279.3	2292.3	2301.9	2301.9
177.5°	2286.6	2286.6	2286.6	2286.6	2283.1	2278.2	2275.9	2281.0	2291.2	2298.9	2297.5
180°	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6



TEST NUMBER: P935517

CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0
2.5°	3213.1	3204.2	3213.1	3207.1	3210.1	3201.2	3174.5	3165.7	3174.5	3183.4	3183.4
5°	3251.6	3245.7	3251.6	3251.6	3248.6	3242.7	3213.1	3207.1	3213.1	3216.0	3210.1
7.5°	3263.5	3254.6	3263.5	3257.5	3257.5	3251.6	3222.0	3216.0	3219.0	3227.9	3219.0
10°	3263.5	3254.6	3263.5	3260.5	3257.5	3251.6	3222.0	3210.1	3210.1	3219.0	3210.1
12.5°	3248.6	3242.7	3248.6	3242.7	3242.7	3236.8	3207.1	3195.3	3198.3	3201.2	3189.4
15°	3224.9	3216.0	3224.9	3219.0	3222.0	3213.1	3180.5	3168.6	3168.6	3174.5	3153.8
17.5°	3189.4	3177.5	3189.4	3186.4	3183.4	3177.5	3147.9	3136.0	3133.0	3136.0	3121.2
20°	3147.9	3139.0	3147.9	3144.9	3144.9	3133.0	3103.4	3088.6	3088.6	3088.6	3073.8
22.5°	3082.7	3073.8	3082.7	3088.6	3088.6	3085.6	3058.9	3038.2	3032.3	3032.3	3014.5
25°	3008.6	2999.7	3008.6	3008.6	3005.6	3008.6	2999.7	2987.8	2978.9	2970.0	2952.2
27.5°	2937.4	2931.5	2937.4	2931.5	2937.4	2928.5	2925.6	2922.6	2910.7	2901.9	2878.1
30°	2866.3	2860.4	2866.3	2860.4	2854.4	2848.5	2833.7	2827.8	2839.6	2833.7	2795.2
32.5°	2777.4	2771.4	2777.4	2777.4	2771.4	2771.4	2747.7	2738.8	2741.8	2759.6	2724.0
35°	2685.5	2676.6	2685.5	2682.5	2685.5	2676.6	2661.8	2658.8	2647.0	2667.7	2641.0
37.5°	2578.7	2569.8	2578.7	2578.7	2578.7	2584.6	2572.8	2563.9	2546.1	2572.8	2552.0
40°	2469.0	2457.2	2469.0	2466.0	2469.0	2474.9	2469.0	2463.1	2445.3	2466.0	2448.3
42.5°	2344.5	2341.6	2344.5	2347.5	2347.5	2359.3	2368.2	2356.4	2350.5	2335.6	2347.5
45°	2211.1	2205.2	2211.1	2217.1	2220.0	2226.0	2252.6	2252.6	2243.7	2220.0	2237.8
47.5°	2068.9	2054.1	2068.9	2086.7	2086.7	2095.5	2122.2	2143.0	2128.2	2098.5	2107.4
50°	1917.7	1920.7	1917.7	1929.6	1929.6	1962.2	1982.9	2003.7	2018.5	1982.9	1941.4
52.5°	1769.5	1766.5	1769.5	1778.4	1790.3	1805.1	1840.6	1861.4	1885.1	1864.4	1799.1
55°	1621.3	1627.2	1621.3	1624.3	1630.2	1639.1	1692.4	1713.2	1757.7	1731.0	1662.8
57.5°	1473.1	1464.2	1473.1	1479.0	1482.0	1490.9	1535.4	1573.9	1600.6	1603.5	1520.5
60°	1301.2	1289.3	1301.2	1327.9	1333.8	1339.7	1381.2	1416.8	1440.5	1449.4	1363.4
62.5°	1150.0	1129.3	1150.0	1167.8	1179.7	1194.5	1224.1	1277.5	1298.2	1301.2	1179.7
65°	990.0	981.1	990.0	1025.5	1028.5	1046.3	1078.9	1117.4	1161.9	1156.0	981.1
67.5°	844.7	844.7	844.7	868.5	886.2	895.1	936.6	954.4	1010.7	1016.7	818.1
70°	711.4	708.4	711.4	729.1	741.0	761.7	800.3	821.0	865.5	880.3	663.9
72.5°	583.9	580.9	583.9	598.7	610.6	628.4	661.0	684.7	723.2	741.0	515.7
75°	471.3	465.3	471.3	483.1	480.2	503.9	530.6	554.3	589.8	601.7	382.4
77.5°	361.6	361.6	361.6	373.5	373.5	397.2	409.0	438.7	459.4	477.2	281.6
80°	269.7	266.8	269.7	272.7	272.7	284.5	305.3	326.0	343.8	343.8	192.7
82.5°	189.7	183.8	189.7	189.7	189.7	195.6	207.5	213.4	225.3	234.2	121.5
85°	118.6	118.6	118.6	121.5	118.6	124.5	127.5	133.4	133.4	127.5	74.1
87.5°	77.1	74.1	77.1	74.1	74.1	71.1	71.1	71.1	68.2	65.2	41.5
90°	58.3	58.3	58.3	58.3	58.3	77.8	103.6	116.6	100.2	67.5	43.0
92.5°	233.6	187.2	233.6	280.0	291.6	413.3	575.6	656.8	576.7	416.4	296.2
95°	814.2	673.7	814.2	954.7	989.9	1299.8	1713.1	1919.8	1621.4	1024.6	577.0
97.5°	1950.8	1683.5	1950.8	2218.2	2285.0	2481.0	2742.2	2872.8	2375.3	1380.1	633.8
100°	2810.8	2492.2	2810.8	3129.3	3208.9	3194.6	3175.5	3165.9	2613.9	1509.6	681.4
102.5°	3656.7	3383.9	3656.7	3929.6	3997.7	3748.1	3415.2	3248.8	2688.8	1568.9	728.9
105°	4735.2	4588.6	4735.2	4881.8	4918.5	4358.9	3612.6	3239.6	2697.3	1612.9	799.6
107.5°	5441.6	5477.1	5441.6	5406.1	5397.2	4616.6	3575.9	3055.5	2577.4	1621.1	903.9
110°	5711.0	5863.8	5711.0	5558.3	5520.1	4647.4	3483.8	2902.0	2470.9	1608.8	962.2



TEST NUMBER: P935517

CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5735.0	5969.7	5735.0	5500.5	5441.8	4548.7	3357.8	2762.3	2378.0	1609.3	1032.8
115°	5583.0	5908.3	5583.0	5257.6	5176.3	4315.9	3168.7	2595.1	2271.4	1624.2	1138.7
117.5°	5260.5	5621.3	5260.5	4899.7	4809.5	4033.0	2997.7	2480.0	2204.7	1654.3	1241.5
120°	5000.7	5351.2	5000.7	4650.1	4562.5	3853.0	2907.0	2433.9	2182.3	1678.9	1301.4
122.5°	4747.6	5093.4	4747.6	4401.8	4315.4	3676.4	2824.6	2398.7	2170.5	1714.2	1371.9
125°	4386.6	4705.2	4386.6	4068.1	3988.5	3445.7	2722.0	2360.2	2160.8	1761.8	1462.5
127.5°	4062.0	4330.7	4062.0	3793.2	3726.0	3260.0	2638.7	2328.0	2155.1	1809.3	1550.0
130°	3870.7	4119.0	3870.7	3622.4	3560.4	3145.5	2592.3	2315.8	2158.6	1844.1	1608.3
132.5°	3697.1	3919.4	3697.1	3474.8	3419.2	3047.8	2552.6	2305.0	2160.8	1872.3	1655.9
135°	3459.2	3650.9	3459.2	3267.6	3219.7	2908.7	2494.0	2286.6	2158.8	1903.0	1711.1
137.5°	3268.4	3425.3	3268.4	3111.5	3072.3	2809.4	2458.8	2283.6	2172.0	1948.9	1781.7
140°	3137.5	3284.1	3137.5	2990.8	2954.1	2727.0	2424.2	2272.8	2174.2	1977.1	1829.3
142.5°	3029.0	3155.2	3029.0	2902.8	2871.3	2671.8	2405.8	2272.8	2182.1	2000.6	1864.6
145°	2866.3	2961.8	2866.3	2770.8	2746.9	2583.8	2366.3	2257.5	2182.1	2031.3	1918.3
147.5°	2741.5	2820.6	2741.5	2662.4	2642.6	2514.3	2343.0	2257.5	2197.1	2076.4	1985.8
150°	2663.0	2727.1	2663.0	2598.7	2582.7	2474.3	2329.8	2257.5	2204.9	2099.9	2021.2
152.5°	2595.8	2644.2	2595.8	2547.4	2535.2	2442.6	2319.2	2257.5	2210.1	2115.3	2044.2
155°	2518.5	2550.5	2518.5	2486.4	2478.4	2404.8	2306.6	2257.5	2221.3	2149.0	2094.8
157.5°	2457.5	2480.0	2457.5	2434.9	2429.3	2372.0	2295.6	2257.5	2232.6	2182.8	2145.4
160°	2421.0	2433.9	2421.0	2408.1	2404.8	2355.7	2290.2	2257.5	2237.7	2198.1	2168.5
162.5°	2397.1	2409.3	2397.1	2384.8	2381.8	2340.4	2285.1	2257.5	2243.2	2214.5	2193.0
165°	2362.6	2375.6	2362.6	2349.7	2346.4	2316.8	2277.2	2257.5	2251.0	2238.0	2228.2
167.5°	2337.9	2343.3	2337.9	2332.5	2331.1	2311.6	2285.7	2272.8	2267.4	2256.4	2248.2
170°	2331.1	2331.1	2331.1	2331.1	2331.1	2311.6	2285.7	2272.8	2272.4	2271.7	2271.2
172.5°	2312.8	2308.1	2312.8	2317.7	2318.8	2303.5	2283.1	2272.8	2272.8	2272.8	2272.8
175°	2301.9	2301.9	2301.9	2301.9	2301.9	2292.3	2279.3	2272.8	2275.9	2282.0	2286.6
177.5°	2292.1	2286.6	2292.1	2297.5	2298.9	2291.2	2281.0	2275.9	2278.2	2283.1	2286.6
180°	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6



TEST NUMBER: P935517

CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0
2.5°	3177.5	3159.7	3159.7	3130.1	3118.2	3109.3	3094.5	3050.1	3038.2	3026.3	3044.1
5°	3204.2	3171.6	3147.9	3094.5	3050.1	3032.3	2976.0	2869.3	2798.1	2744.8	2715.1
7.5°	3210.1	3168.6	3124.2	3041.2	2934.5	2887.0	2715.1	2519.4	2466.0	2418.6	2389.0
10°	3204.2	3156.8	3094.5	2970.0	2718.1	2635.1	2463.1	2335.6	2303.0	2294.1	2303.0
12.5°	3183.4	3139.0	3053.0	2845.5	2492.7	2436.4	2335.6	2261.5	2255.6	2270.4	2350.5
15°	3147.9	3106.4	3005.6	2679.6	2368.2	2326.7	2255.6	2228.9	2261.5	2365.3	2605.4
17.5°	3112.3	3064.9	2940.4	2516.4	2273.4	2243.7	2193.4	2246.7	2430.5	2569.8	2649.9
20°	3064.9	3008.6	2866.3	2397.9	2205.2	2178.5	2154.8	2394.9	2534.2	2584.6	2629.2
22.5°	3008.6	2949.3	2765.5	2314.9	2134.1	2113.3	2128.2	2477.9	2534.2	2569.8	2608.3
25°	2934.5	2884.1	2647.0	2249.7	2077.8	2054.1	2110.4	2469.0	2501.6	2510.5	2587.6
27.5°	2866.3	2801.1	2522.4	2190.4	2009.6	2000.7	2125.2	2430.5	2454.2	2463.1	2546.1
30°	2783.3	2685.5	2383.1	2128.2	1938.5	1935.5	2128.2	2383.1	2377.1	2400.8	2483.8
32.5°	2697.3	2513.5	2226.0	2051.1	1870.3	1867.3	2107.4	2311.9	2306.0	2338.6	2400.8
35°	2617.3	2380.1	2012.6	1962.2	1784.3	1787.3	2057.0	2228.9	2231.9	2261.5	2300.1
37.5°	2534.2	2264.5	1778.4	1864.4	1701.3	1701.3	1988.8	2151.9	2145.9	2154.8	2208.2
40°	2436.4	2083.7	1570.9	1736.9	1624.3	1615.4	1905.9	2068.9	2048.1	2045.2	2119.3
42.5°	2332.7	1885.1	1416.8	1568.0	1535.4	1523.5	1805.1	1968.1	1929.6	1938.5	2033.3
45°	2220.0	1831.8	1298.2	1324.9	1443.5	1434.6	1695.4	1852.5	1825.8	1849.5	1947.3
47.5°	2107.4	1725.0	1259.7	1099.6	1345.7	1342.7	1573.9	1739.9	1725.0	1748.8	1852.5
50°	1953.3	1606.5	1256.7	942.6	1236.0	1247.8	1428.6	1630.2	1630.2	1650.9	1760.6
52.5°	1754.7	1461.3	1141.1	853.6	1108.5	1144.1	1301.2	1535.4	1541.3	1562.0	1659.8
55°	1573.9	1310.1	1058.1	785.5	957.4	1034.4	1176.7	1437.5	1449.4	1470.1	1559.1
57.5°	1407.9	1090.8	1040.4	705.4	818.1	892.2	1067.0	1342.7	1348.6	1366.4	1452.4
60°	1230.1	788.4	954.4	619.5	696.5	752.9	966.3	1230.1	1250.8	1262.7	1336.8
62.5°	1028.5	572.1	865.5	560.2	637.3	649.1	883.3	1123.4	1150.0	1158.9	1203.4
65°	732.1	480.2	735.1	509.8	575.0	578.0	794.4	1013.7	1037.4	1052.2	1084.8
67.5°	495.0	391.2	560.2	462.4	527.6	530.6	708.4	886.2	918.8	930.7	951.4
70°	343.8	260.8	415.0	412.0	474.2	480.2	616.5	770.6	800.3	809.2	821.0
72.5°	251.9	210.4	343.8	370.5	417.9	423.9	521.7	640.2	669.9	678.8	684.7
75°	192.7	222.3	278.6	323.1	355.7	358.6	426.8	521.7	542.4	548.3	551.3
77.5°	154.1	207.5	204.5	260.8	290.5	284.5	334.9	403.1	420.9	420.9	420.9
80°	115.6	163.0	154.1	186.7	213.4	207.5	240.1	287.5	293.4	299.4	296.4
82.5°	86.0	103.7	103.7	118.6	142.3	136.3	160.1	186.7	186.7	186.7	192.7
85°	53.4	59.3	47.4	62.2	80.0	77.1	88.9	100.8	103.7	103.7	97.8
87.5°	32.6	26.7	14.8	23.7	35.6	35.6	41.5	44.5	41.5	41.5	41.5
90°	39.9	27.6	15.3	27.6	39.9	43.0	67.5	100.2	116.6	103.6	77.8
92.5°	270.1	165.7	61.4	165.7	270.1	296.2	416.4	576.7	656.8	575.6	413.3
95°	529.3	338.3	147.3	338.3	529.3	577.0	1024.6	1621.4	1919.8	1713.1	1299.8
97.5°	591.7	423.2	254.7	423.2	591.7	633.8	1380.1	2375.3	2872.8	2742.2	2481.0
100°	643.2	490.4	337.6	490.4	643.2	681.4	1509.6	2613.9	3165.9	3175.5	3194.6
102.5°	693.3	550.8	408.2	550.8	693.3	728.9	1568.9	2688.8	3248.8	3415.2	3748.1
105°	769.4	648.6	527.9	648.6	769.4	799.6	1612.9	2697.3	3239.6	3612.6	4358.9
107.5°	875.8	763.2	650.7	763.2	875.8	903.9	1621.1	2577.4	3055.5	3575.9	4616.6
110°	936.8	835.2	733.6	835.2	936.8	962.2	1608.8	2470.9	2902.0	3483.8	4647.4



TEST NUMBER: P935517

CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	1008.6	911.7	814.9	911.7	1008.6	1032.8	1609.3	2378.0	2762.3	3357.8	4548.7
115°	1116.3	1026.9	937.6	1026.9	1116.3	1138.7	1624.2	2271.4	2595.1	3168.7	4315.9
117.5°	1221.3	1140.1	1058.9	1140.1	1221.3	1241.5	1654.3	2204.7	2480.0	2997.7	4033.0
120°	1282.3	1205.9	1129.5	1205.9	1282.3	1301.4	1678.9	2182.3	2433.9	2907.0	3853.0
122.5°	1352.7	1275.6	1198.5	1275.6	1352.7	1371.9	1714.2	2170.5	2398.7	2824.6	3676.4
125°	1445.0	1374.7	1304.5	1374.7	1445.0	1462.5	1761.8	2160.8	2360.2	2722.0	3445.7
127.5°	1532.3	1461.4	1390.4	1461.4	1532.3	1550.0	1809.3	2155.1	2328.0	2638.7	3260.0
130°	1589.2	1512.8	1436.5	1512.8	1589.2	1608.3	1844.1	2158.6	2315.8	2592.3	3145.5
132.5°	1636.8	1560.3	1484.0	1560.3	1636.8	1655.9	1872.3	2160.8	2305.0	2552.6	3047.8
135°	1693.7	1624.2	1554.6	1624.2	1693.7	1711.1	1903.0	2158.8	2286.6	2494.0	2908.7
137.5°	1764.5	1695.6	1626.7	1695.6	1764.5	1781.7	1948.9	2172.0	2283.6	2458.8	2809.4
140°	1813.4	1749.9	1686.5	1749.9	1813.4	1829.3	1977.1	2174.2	2272.8	2424.2	2727.0
142.5°	1849.9	1791.2	1732.6	1791.2	1849.9	1864.6	2000.6	2182.1	2272.8	2405.8	2671.8
145°	1905.6	1854.4	1803.2	1854.4	1905.6	1918.3	2031.3	2182.1	2257.5	2366.3	2583.8
147.5°	1973.3	1923.5	1873.7	1923.5	1973.3	1985.8	2076.4	2197.1	2257.5	2343.0	2514.3
150°	2009.9	1964.8	1919.8	1964.8	2009.9	2021.2	2099.9	2204.9	2257.5	2329.8	2474.3
152.5°	2035.7	2001.5	1967.4	2001.5	2035.7	2044.2	2115.3	2210.1	2257.5	2319.2	2442.6
155°	2088.4	2063.2	2037.9	2063.2	2088.4	2094.8	2149.0	2221.3	2257.5	2306.6	2404.8
157.5°	2139.3	2114.7	2090.2	2114.7	2139.3	2145.4	2182.8	2232.6	2257.5	2295.6	2372.0
160°	2163.7	2144.6	2125.5	2144.6	2163.7	2168.5	2198.1	2237.7	2257.5	2290.2	2355.7
162.5°	2189.4	2175.1	2160.8	2175.1	2189.4	2193.0	2214.5	2243.2	2257.5	2285.1	2340.4
165°	2225.0	2212.0	2199.1	2212.0	2225.0	2228.2	2238.0	2251.0	2257.5	2277.2	2316.8
167.5°	2246.7	2240.6	2234.5	2240.6	2246.7	2248.2	2256.4	2267.4	2272.8	2285.7	2311.6
170°	2269.7	2263.6	2257.5	2263.6	2269.7	2271.2	2271.7	2272.4	2272.8	2285.7	2311.6
172.5°	2272.5	2271.1	2269.7	2271.1	2272.5	2272.8	2272.8	2272.8	2272.8	2283.1	2303.5
175°	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2282.0	2275.9	2272.8	2279.3	2292.3
177.5°	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2283.1	2278.2	2275.9	2281.0	2291.2
180°	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6



TEST NUMBER: P935517

CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0
2.5°	3023.4	3014.5	3026.3	2993.7	3026.3	3014.5	3023.4	3044.1	3026.3	3038.2	3050.1
5°	2652.9	2638.1	2590.5	2552.0	2590.5	2638.1	2652.9	2715.1	2744.8	2798.1	2869.3
7.5°	2371.2	2359.3	2347.5	2323.8	2347.5	2359.3	2371.2	2389.0	2418.6	2466.0	2519.4
10°	2309.0	2311.9	2329.7	2326.7	2329.7	2311.9	2309.0	2303.0	2294.1	2303.0	2335.6
12.5°	2469.0	2495.7	2593.5	2587.6	2593.5	2495.7	2469.0	2350.5	2270.4	2255.6	2261.5
15°	2652.9	2661.8	2682.5	2685.5	2682.5	2661.8	2652.9	2605.4	2365.3	2261.5	2228.9
17.5°	2670.7	2673.6	2688.4	2688.4	2688.4	2673.6	2670.7	2649.9	2569.8	2430.5	2246.7
20°	2655.8	2661.8	2691.4	2697.3	2691.4	2661.8	2655.8	2629.2	2584.6	2534.2	2394.9
22.5°	2649.9	2661.8	2685.5	2682.5	2685.5	2661.8	2649.9	2608.3	2569.8	2534.2	2477.9
25°	2620.3	2620.3	2623.2	2626.2	2623.2	2620.3	2620.3	2587.6	2510.5	2501.6	2469.0
27.5°	2557.9	2563.9	2581.6	2578.7	2581.6	2563.9	2557.9	2546.1	2463.1	2454.2	2430.5
30°	2501.6	2495.7	2480.9	2469.0	2480.9	2495.7	2501.6	2483.8	2400.8	2377.1	2383.1
32.5°	2406.8	2391.9	2377.1	2368.2	2377.1	2391.9	2406.8	2400.8	2338.6	2306.0	2311.9
35°	2294.1	2297.1	2294.1	2285.2	2294.1	2297.1	2294.1	2300.1	2261.5	2231.9	2228.9
37.5°	2214.1	2220.0	2217.1	2205.2	2217.1	2220.0	2214.1	2208.2	2154.8	2145.9	2151.9
40°	2131.1	2134.1	2131.1	2122.2	2131.1	2134.1	2131.1	2119.3	2045.2	2048.1	2068.9
42.5°	2051.1	2048.1	2039.2	2033.3	2039.2	2048.1	2051.1	2033.3	1938.5	1929.6	1968.1
45°	1959.2	1962.2	1944.4	1935.5	1944.4	1962.2	1959.2	1947.3	1849.5	1825.8	1852.5
47.5°	1867.3	1867.3	1852.5	1843.6	1852.5	1867.3	1867.3	1852.5	1748.8	1725.0	1739.9
50°	1769.5	1766.5	1745.8	1742.8	1745.8	1766.5	1769.5	1760.6	1650.9	1630.2	1630.2
52.5°	1656.9	1656.9	1659.8	1665.8	1659.8	1656.9	1656.9	1659.8	1562.0	1541.3	1535.4
55°	1559.1	1562.0	1582.8	1588.7	1582.8	1562.0	1559.1	1559.1	1470.1	1449.4	1437.5
57.5°	1458.3	1458.3	1473.1	1473.1	1473.1	1458.3	1458.3	1452.4	1366.4	1348.6	1342.7
60°	1342.7	1348.6	1360.5	1357.5	1360.5	1348.6	1342.7	1336.8	1262.7	1250.8	1230.1
62.5°	1221.2	1227.1	1230.1	1224.1	1230.1	1227.1	1221.2	1203.4	1158.9	1150.0	1123.4
65°	1093.7	1099.6	1102.6	1096.7	1102.6	1099.6	1093.7	1084.8	1052.2	1037.4	1013.7
67.5°	963.3	960.3	957.4	969.2	957.4	960.3	963.3	951.4	930.7	918.8	886.2
70°	829.9	829.9	827.0	832.9	827.0	829.9	829.9	821.0	809.2	800.3	770.6
72.5°	687.6	684.7	696.5	687.6	696.5	684.7	687.6	684.7	678.8	669.9	640.2
75°	548.3	554.3	548.3	557.2	548.3	554.3	548.3	551.3	548.3	542.4	521.7
77.5°	417.9	423.9	417.9	417.9	417.9	423.9	417.9	420.9	420.9	420.9	403.1
80°	296.4	293.4	293.4	290.5	293.4	293.4	296.4	296.4	299.4	293.4	287.5
82.5°	189.7	186.7	186.7	192.7	186.7	186.7	189.7	192.7	186.7	186.7	186.7
85°	103.7	106.7	100.8	100.8	100.8	106.7	103.7	97.8	103.7	103.7	100.8
87.5°	38.5	35.6	35.6	35.6	35.6	35.6	38.5	41.5	41.5	41.5	44.5
90°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	77.8	103.6	116.6	100.2
92.5°	291.6	280.0	233.6	187.2	233.6	280.0	291.6	413.3	575.6	656.8	576.7
95°	989.9	954.7	814.2	673.7	814.2	954.7	989.9	1299.8	1713.1	1919.8	1621.4
97.5°	2285.0	2218.2	1950.8	1683.5	1950.8	2218.2	2285.0	2481.0	2742.2	2872.8	2375.3
100°	3208.9	3129.3	2810.8	2492.2	2810.8	3129.3	3208.9	3194.6	3175.5	3165.9	2613.9
102.5°	3997.7	3929.6	3656.7	3383.9	3656.7	3929.6	3997.7	3748.1	3415.2	3248.8	2688.8
105°	4918.5	4881.8	4735.2	4588.6	4735.2	4881.8	4918.5	4358.9	3612.6	3239.6	2697.3
107.5°	5397.2	5406.1	5441.6	5477.1	5441.6	5406.1	5397.2	4616.6	3575.9	3055.5	2577.4
110°	5520.1	5558.3	5711.0	5863.8	5711.0	5558.3	5520.1	4647.4	3483.8	2902.0	2470.9



TEST NUMBER: P935517

CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	5441.8	5500.5	5735.0	5969.7	5735.0	5500.5	5441.8	4548.7	3357.8	2762.3	2378.0
115°	5176.3	5257.6	5583.0	5908.3	5583.0	5257.6	5176.3	4315.9	3168.7	2595.1	2271.4
117.5°	4809.5	4899.7	5260.5	5621.3	5260.5	4899.7	4809.5	4033.0	2997.7	2480.0	2204.7
120°	4562.5	4650.1	5000.7	5351.2	5000.7	4650.1	4562.5	3853.0	2907.0	2433.9	2182.3
122.5°	4315.4	4401.8	4747.6	5093.4	4747.6	4401.8	4315.4	3676.4	2824.6	2398.7	2170.5
125°	3988.5	4068.1	4386.6	4705.2	4386.6	4068.1	3988.5	3445.7	2722.0	2360.2	2160.8
127.5°	3726.0	3793.2	4062.0	4330.7	4062.0	3793.2	3726.0	3260.0	2638.7	2328.0	2155.1
130°	3560.4	3622.4	3870.7	4119.0	3870.7	3622.4	3560.4	3145.5	2592.3	2315.8	2158.6
132.5°	3419.2	3474.8	3697.1	3919.4	3697.1	3474.8	3419.2	3047.8	2552.6	2305.0	2160.8
135°	3219.7	3267.6	3459.2	3650.9	3459.2	3267.6	3219.7	2908.7	2494.0	2286.6	2158.8
137.5°	3072.3	3111.5	3268.4	3425.3	3268.4	3111.5	3072.3	2809.4	2458.8	2283.6	2172.0
140°	2954.1	2990.8	3137.5	3284.1	3137.5	2990.8	2954.1	2727.0	2424.2	2272.8	2174.2
142.5°	2871.3	2902.8	3029.0	3155.2	3029.0	2902.8	2871.3	2671.8	2405.8	2272.8	2182.1
145°	2746.9	2770.8	2866.3	2961.8	2866.3	2770.8	2746.9	2583.8	2366.3	2257.5	2182.1
147.5°	2642.6	2662.4	2741.5	2820.6	2741.5	2662.4	2642.6	2514.3	2343.0	2257.5	2197.1
150°	2582.7	2598.7	2663.0	2727.1	2663.0	2598.7	2582.7	2474.3	2329.8	2257.5	2204.9
152.5°	2535.2	2547.4	2595.8	2644.2	2595.8	2547.4	2535.2	2442.6	2319.2	2257.5	2210.1
155°	2478.4	2486.4	2518.5	2550.5	2518.5	2486.4	2478.4	2404.8	2306.6	2257.5	2221.3
157.5°	2429.3	2434.9	2457.5	2480.0	2457.5	2434.9	2429.3	2372.0	2295.6	2257.5	2232.6
160°	2404.8	2408.1	2421.0	2433.9	2421.0	2408.1	2404.8	2355.7	2290.2	2257.5	2237.7
162.5°	2381.8	2384.8	2397.1	2409.3	2397.1	2384.8	2381.8	2340.4	2285.1	2257.5	2243.2
165°	2346.4	2349.7	2362.6	2375.6	2362.6	2349.7	2346.4	2316.8	2277.2	2257.5	2251.0
167.5°	2331.1	2332.5	2337.9	2343.3	2337.9	2332.5	2331.1	2311.6	2285.7	2272.8	2267.4
170°	2331.1	2331.1	2331.1	2331.1	2331.1	2331.1	2331.1	2311.6	2285.7	2272.8	2272.4
172.5°	2318.8	2317.7	2312.8	2308.1	2312.8	2317.7	2318.8	2303.5	2283.1	2272.8	2272.8
175°	2301.9	2301.9	2301.9	2301.9	2301.9	2301.9	2301.9	2292.3	2279.3	2272.8	2275.9
177.5°	2298.9	2297.5	2292.1	2286.6	2292.1	2297.5	2298.9	2291.2	2281.0	2275.9	2278.2
180°	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6



TEST NUMBER: P935517

CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3133.0	3133.0	3133.0	3133.0	3133.0
2.5°	3094.5	3109.3	3118.2	3130.1	3159.7
5°	2976.0	3032.3	3050.1	3094.5	3147.9
7.5°	2715.1	2887.0	2934.5	3041.2	3124.2
10°	2463.1	2635.1	2718.1	2970.0	3094.5
12.5°	2335.6	2436.4	2492.7	2845.5	3053.0
15°	2255.6	2326.7	2368.2	2679.6	3005.6
17.5°	2193.4	2243.7	2273.4	2516.4	2940.4
20°	2154.8	2178.5	2205.2	2397.9	2866.3
22.5°	2128.2	2113.3	2134.1	2314.9	2765.5
25°	2110.4	2054.1	2077.8	2249.7	2647.0
27.5°	2125.2	2000.7	2009.6	2190.4	2522.4
30°	2128.2	1935.5	1938.5	2128.2	2383.1
32.5°	2107.4	1867.3	1870.3	2051.1	2226.0
35°	2057.0	1787.3	1784.3	1962.2	2012.6
37.5°	1988.8	1701.3	1701.3	1864.4	1778.4
40°	1905.9	1615.4	1624.3	1736.9	1570.9
42.5°	1805.1	1523.5	1535.4	1568.0	1416.8
45°	1695.4	1434.6	1443.5	1324.9	1298.2
47.5°	1573.9	1342.7	1345.7	1099.6	1259.7
50°	1428.6	1247.8	1236.0	942.6	1256.7
52.5°	1301.2	1144.1	1108.5	853.6	1141.1
55°	1176.7	1034.4	957.4	785.5	1058.1
57.5°	1067.0	892.2	818.1	705.4	1040.4
60°	966.3	752.9	696.5	619.5	954.4
62.5°	883.3	649.1	637.3	560.2	865.5
65°	794.4	578.0	575.0	509.8	735.1
67.5°	708.4	530.6	527.6	462.4	560.2
70°	616.5	480.2	474.2	412.0	415.0
72.5°	521.7	423.9	417.9	370.5	343.8
75°	426.8	358.6	355.7	323.1	278.6
77.5°	334.9	284.5	290.5	260.8	204.5
80°	240.1	207.5	213.4	186.7	154.1
82.5°	160.1	136.3	142.3	118.6	103.7
85°	88.9	77.1	80.0	62.2	47.4
87.5°	41.5	35.6	35.6	23.7	14.8
90°	67.5	43.0	39.9	27.6	15.3
92.5°	416.4	296.2	270.1	165.7	61.4
95°	1024.6	577.0	529.3	338.3	147.3
97.5°	1380.1	633.8	591.7	423.2	254.7
100°	1509.6	681.4	643.2	490.4	337.6
102.5°	1568.9	728.9	693.3	550.8	408.2
105°	1612.9	799.6	769.4	648.6	527.9
107.5°	1621.1	903.9	875.8	763.2	650.7
110°	1608.8	962.2	936.8	835.2	733.6



TEST NUMBER: P935517

CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1609.3	1032.8	1008.6	911.7	814.9
115°	1624.2	1138.7	1116.3	1026.9	937.6
117.5°	1654.3	1241.5	1221.3	1140.1	1058.9
120°	1678.9	1301.4	1282.3	1205.9	1129.5
122.5°	1714.2	1371.9	1352.7	1275.6	1198.5
125°	1761.8	1462.5	1445.0	1374.7	1304.5
127.5°	1809.3	1550.0	1532.3	1461.4	1390.4
130°	1844.1	1608.3	1589.2	1512.8	1436.5
132.5°	1872.3	1655.9	1636.8	1560.3	1484.0
135°	1903.0	1711.1	1693.7	1624.2	1554.6
137.5°	1948.9	1781.7	1764.5	1695.6	1626.7
140°	1977.1	1829.3	1813.4	1749.9	1686.5
142.5°	2000.6	1864.6	1849.9	1791.2	1732.6
145°	2031.3	1918.3	1905.6	1854.4	1803.2
147.5°	2076.4	1985.8	1973.3	1923.5	1873.7
150°	2099.9	2021.2	2009.9	1964.8	1919.8
152.5°	2115.3	2044.2	2035.7	2001.5	1967.4
155°	2149.0	2094.8	2088.4	2063.2	2037.9
157.5°	2182.8	2145.4	2139.3	2114.7	2090.2
160°	2198.1	2168.5	2163.7	2144.6	2125.5
162.5°	2214.5	2193.0	2189.4	2175.1	2160.8
165°	2238.0	2228.2	2225.0	2212.0	2199.1
167.5°	2256.4	2248.2	2246.7	2240.6	2234.5
170°	2271.7	2271.2	2269.7	2263.6	2257.5
172.5°	2272.8	2272.8	2272.5	2271.1	2269.7
175°	2282.0	2286.6	2286.6	2286.6	2286.6
177.5°	2283.1	2286.6	2286.6	2286.6	2286.6
180°	2286.6	2286.6	2286.6	2286.6	2286.6



TEST NUMBER: P935517
 CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-12

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	11.18	11.93	12.25	13.00	14.46	14.03	14.78	15.10	15.85	17.32
	3H	11.65	12.31	12.73	13.40	14.88	15.38	16.04	16.46	17.12	18.61
	4H	11.83	12.47	12.93	13.55	15.04	15.82	16.45	16.91	17.53	19.02
	6H	11.95	12.53	13.05	13.62	15.12	16.10	16.68	17.20	17.77	19.27
	8H	11.94	12.50	13.05	13.60	15.10	16.18	16.73	17.28	17.83	19.33
	12H	11.91	12.44	13.02	13.53	15.05	16.21	16.74	17.32	17.84	19.36
4H	2H	12.20	12.84	13.30	13.92	15.41	14.43	15.06	15.53	16.14	17.63
	3H	13.22	13.75	14.33	14.86	16.36	15.93	16.45	17.03	17.56	19.07
	4H	13.49	13.97	14.60	15.08	16.60	16.45	16.94	17.57	18.04	19.56
	6H	13.61	14.02	14.73	15.15	16.66	16.82	17.23	17.94	18.36	19.87
	8H	13.61	14.00	14.73	15.11	16.65	16.93	17.31	18.04	18.43	19.96
	12H	13.57	13.92	14.71	15.05	16.59	16.98	17.33	18.12	18.46	20.00
8H	4H	13.94	14.33	15.06	15.44	16.97	16.57	16.96	17.69	18.07	19.60
	6H	14.19	14.51	15.34	15.67	17.20	17.01	17.33	18.15	18.48	20.01
	8H	14.24	14.52	15.38	15.65	17.20	17.16	17.44	18.31	18.58	20.13
	12H	14.21	14.46	15.37	15.60	17.18	17.26	17.50	18.41	18.64	20.22
12H	4H	13.94	14.29	15.08	15.42	16.95	16.53	16.88	17.66	18.01	19.54
	6H	14.26	14.54	15.40	15.67	17.22	17.00	17.28	18.15	18.42	19.97
	8H	14.32	14.56	15.47	15.70	17.28	17.16	17.41	18.31	18.54	20.13