

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: P935917

Luminaire Tested: SQ4-FA-150U-075D-840-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935917
REPORT IS A COMBINATION OF REPORTS P933773 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-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

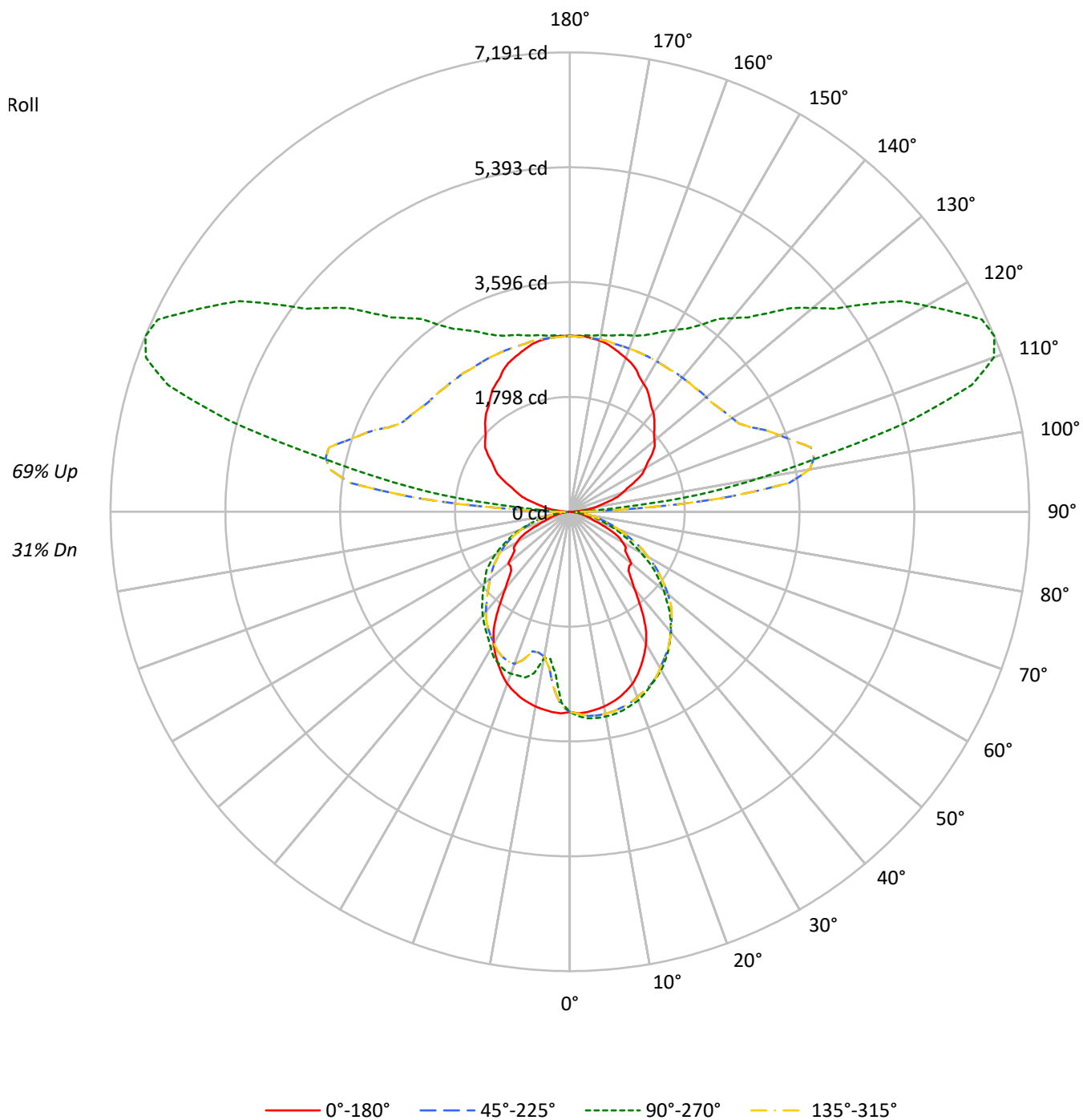
Lumens per Lamp: N/A
Luminaire Lumens: 25990.2 lumens
Efficiency: N/A
Efficacy: 136.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 190.8
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: P935917

CATALOG NUMBER: SQ4-FA-150U-075D-840-1D-UNV-STD-W-12

Luminous Intensity Polar Plot



TEST NUMBER: P935917

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	103	103	103	103	92	92	92	92	73	73	73	55	55	55	39	39	39
1	94	89	86	82	84	81	77	75	64	62	60	49	47	46	34	34	33
2	85	78	72	67	76	70	65	61	56	52	49	43	40	38	30	29	28
3	78	69	61	56	70	62	56	51	49	45	42	38	35	32	27	25	24
4	71	61	53	47	64	55	48	43	44	39	35	33	30	28	24	22	20
5	65	54	46	40	58	49	42	37	39	34	30	30	27	24	22	19	18
6	60	48	40	35	54	44	37	32	35	30	26	27	23	21	19	17	15
7	55	43	36	30	49	39	33	28	32	27	23	24	21	18	18	15	14
8	51	39	32	27	46	36	29	24	29	24	20	22	19	16	16	14	12
9	47	36	28	23	43	32	26	22	26	21	18	20	17	14	15	13	11
10	44	33	26	21	40	30	23	19	24	19	16	19	15	13	14	12	10

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

TEST NUMBER: P935917

CATALOG NUMBER: SQ4-FA-150U-075D-840-1D-UNV-STD-W-12

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	282.8	1.1
10°-20°	803.0	3.1
20°-30°	1241.3	4.8
30°-40°	1481.8	5.7
40°-50°	1490.4	5.7
50°-60°	1296.9	5.0
60°-70°	919.5	3.5
70°-80°	486.5	1.9
80°-90°	131.7	0.5
90°-100°	1342.7	5.2
100°-110°	3530.0	13.6
110°-120°	3660.2	14.1
120°-130°	2936.0	11.3
130°-140°	2303.7	8.9
140°-150°	1768.2	6.8
150°-160°	1273.4	4.9
160°-170°	779.1	3.0
170°-180°	263.2	1.0
0°-30°	2327.0	9.0
0°-40°	3808.8	14.7
0°-60°	6596.1	25.4
0°-90°	8133.8	31.3
90°-120°	8532.9	32.8
90°-150°	15540.7	59.8
90°-180°	17856.0	68.7
0°-180°	25990.2	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°	18	70	18	70	18	17
95°	177	812	177	812	177	197
105°	636	5528	636	5528	636	674
115°	1130	7117	1130	7117	1130	1116
125°	1571	5668	1571	5668	1571	1395
135°	1873	4398	1873	4398	1873	1449
145°	2172	3568	2172	3568	2172	1361
155°	2455	3072	2455	3072	2455	1128
165°	2649	2862	2649	2862	2649	748
175°	2754	2773	2754	2773	2754	261
180°	2754	2754	2754	2754	2754	

TEST NUMBER: P935917

CATALOG NUMBER: SQ4-FA-150U-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°	18.5	33.3	48.1	51.8	81.3	120.7	140.5	124.9	93.7	70.2	70.2
92.5°	73.9	199.6	325.3	356.8	501.6	694.7	791.2	693.4	497.9	351.2	337.3
95°	177.4	407.5	637.6	695.1	1234.3	1953.3	2312.7	2063.7	1565.9	1192.4	1150.1
97.5°	306.9	509.8	712.7	763.5	1662.6	2861.3	3460.7	3303.4	2988.7	2752.7	2672.1
100°	406.7	590.7	774.8	820.8	1818.5	3148.7	3813.8	3825.2	3848.3	3865.6	3769.6
102.5°	491.7	663.4	835.2	878.1	1889.9	3239.1	3913.7	4114.1	4515.1	4815.8	4733.6
105°	636.0	781.4	926.8	963.2	1943.0	3249.3	3902.5	4351.9	5250.8	5924.9	5880.8
107.5°	783.9	919.4	1055.0	1088.9	1952.8	3104.7	3680.7	4307.6	5561.4	6501.7	6512.4
110°	883.7	1006.1	1128.5	1159.1	1938.1	2976.5	3495.8	4196.7	5598.4	6649.6	6695.7

TEST NUMBER: P935917

CATALOG NUMBER: SQ4-FA-150U-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°	981.7	1098.4	1215.0	1244.2	1938.7	2864.6	3327.6	4044.9	5479.4	6555.4	6626.0
115°	1129.6	1237.2	1344.9	1371.7	1956.5	2736.3	3126.1	3817.1	5199.1	6235.6	6333.6
117.5°	1275.6	1373.3	1471.1	1495.5	1992.8	2655.8	2987.4	3611.0	4858.3	5793.7	5902.4
120°	1360.6	1452.7	1544.6	1567.7	2022.4	2628.8	2932.0	3501.8	4641.3	5496.0	5601.7
122.5°	1443.8	1536.6	1629.5	1652.7	2065.0	2614.6	2889.5	3402.6	4428.8	5198.5	5302.6
125°	1571.4	1656.0	1740.7	1761.8	2122.3	2603.0	2843.3	3279.2	4150.9	4804.6	4900.6
127.5°	1674.9	1760.3	1845.8	1867.1	2179.5	2596.2	2804.4	3178.7	3927.2	4488.6	4569.5
130°	1730.4	1822.4	1914.3	1937.4	2221.4	2600.2	2789.6	3122.8	3789.2	4288.9	4363.7
132.5°	1787.7	1879.7	1971.7	1994.7	2255.3	2602.9	2776.7	3075.0	3671.5	4118.9	4185.9
135°	1872.7	1956.4	2040.3	2061.3	2292.4	2600.5	2754.5	3004.3	3503.8	3878.5	3936.2
137.5°	1959.6	2042.6	2125.6	2146.3	2347.8	2616.4	2750.8	2961.9	3384.3	3701.0	3748.3
140°	2031.7	2108.1	2184.6	2203.6	2381.7	2619.1	2737.8	2920.2	3285.1	3558.7	3602.8
142.5°	2087.2	2157.8	2228.4	2246.1	2410.0	2628.6	2737.8	2898.1	3218.5	3458.9	3496.9
145°	2172.2	2233.9	2295.4	2310.8	2447.0	2628.6	2719.4	2850.4	3112.5	3309.1	3337.9
147.5°	2257.2	2317.2	2377.1	2392.1	2501.2	2646.7	2719.4	2822.5	3028.7	3183.4	3207.2
150°	2312.7	2367.0	2421.2	2434.7	2529.6	2656.1	2719.4	2806.5	2980.7	3111.3	3130.6
152.5°	2370.0	2411.1	2452.1	2462.4	2548.1	2662.3	2719.4	2793.8	2942.5	3054.0	3068.6
155°	2455.1	2485.5	2515.8	2523.5	2588.8	2675.8	2719.4	2778.6	2896.9	2985.6	2995.3
157.5°	2517.9	2547.5	2577.0	2584.4	2629.4	2689.3	2719.4	2765.4	2857.4	2926.5	2933.3
160°	2560.4	2583.4	2606.4	2612.2	2647.9	2695.6	2719.4	2758.8	2837.6	2896.8	2900.8
162.5°	2602.9	2620.2	2637.4	2641.7	2667.6	2702.1	2719.4	2752.7	2819.3	2869.2	2872.8
165°	2649.1	2664.7	2680.3	2684.3	2696.0	2711.6	2719.4	2743.2	2790.8	2826.6	2830.5
167.5°	2691.7	2699.1	2706.4	2708.3	2718.2	2731.3	2737.8	2753.5	2784.7	2808.1	2809.8
170°	2719.4	2726.8	2734.2	2736.1	2736.7	2737.5	2737.8	2753.5	2784.7	2808.1	2808.1
172.5°	2734.2	2735.8	2737.5	2737.8	2737.8	2737.8	2737.8	2750.2	2774.9	2793.4	2791.9
175°	2754.5	2754.5	2754.5	2754.5	2749.0	2741.6	2737.8	2745.7	2761.3	2773.0	2773.0
177.5°	2754.5	2754.5	2754.5	2754.5	2750.2	2744.5	2741.6	2747.7	2760.1	2769.3	2767.6
180°	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5

TEST NUMBER: P935917

CATALOG NUMBER: SQ4-FA-150U-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°	70.2	70.2	70.2	70.2	70.2	93.7	124.9	140.5	120.7	81.3	51.8
92.5°	281.4	225.6	281.4	337.3	351.2	497.9	693.4	791.2	694.7	501.6	356.8
95°	980.8	811.5	980.8	1150.1	1192.4	1565.9	2063.7	2312.7	1953.3	1234.3	695.1
97.5°	2350.1	2028.0	2350.1	2672.1	2752.7	2988.7	3303.4	3460.7	2861.3	1662.6	763.5
100°	3386.0	3002.2	3386.0	3769.6	3865.6	3848.3	3825.2	3813.8	3148.7	1818.5	820.8
102.5°	4405.0	4076.3	4405.0	4733.6	4815.8	4515.1	4114.1	3913.7	3239.1	1889.9	878.1
105°	5704.2	5527.6	5704.2	5880.8	5924.9	5250.8	4351.9	3902.5	3249.3	1943.0	963.2
107.5°	6555.2	6597.9	6555.2	6512.4	6501.7	5561.4	4307.6	3680.7	3104.7	1952.8	1088.9
110°	6879.7	7063.8	6879.7	6695.7	6649.6	5598.4	4196.7	3495.8	2976.5	1938.1	1159.1

TEST NUMBER: P935917

CATALOG NUMBER: SQ4-FA-150U-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°	6908.7	7191.4	6908.7	6626.0	6555.4	5479.4	4044.9	3327.6	2864.6	1938.7	1244.2
115°	6725.4	7117.4	6725.4	6333.6	6235.6	5199.1	3817.1	3126.1	2736.3	1956.5	1371.7
117.5°	6337.0	6771.7	6337.0	5902.4	5793.7	4858.3	3611.0	2987.4	2655.8	1992.8	1495.5
120°	6023.9	6446.3	6023.9	5601.7	5496.0	4641.3	3501.8	2932.0	2628.8	2022.4	1567.7
122.5°	5719.2	6135.8	5719.2	5302.6	5198.5	4428.8	3402.6	2889.5	2614.6	2065.0	1652.7
125°	5284.3	5668.1	5284.3	4900.6	4804.6	4150.9	3279.2	2843.3	2603.0	2122.3	1761.8
127.5°	4893.3	5216.9	4893.3	4569.5	4488.6	3927.2	3178.7	2804.4	2596.2	2179.5	1867.1
130°	4662.8	4961.8	4662.8	4363.7	4288.9	3789.2	3122.8	2789.6	2600.2	2221.4	1937.4
132.5°	4453.6	4721.5	4453.6	4185.9	4118.9	3671.5	3075.0	2776.7	2602.9	2255.3	1994.7
135°	4167.1	4398.0	4167.1	3936.2	3878.5	3503.8	3004.3	2754.5	2600.5	2292.4	2061.3
137.5°	3937.3	4126.2	3937.3	3748.3	3701.0	3384.3	2961.9	2750.8	2616.4	2347.8	2146.3
140°	3779.5	3956.1	3779.5	3602.8	3558.7	3285.1	2920.2	2737.8	2619.1	2381.7	2203.6
142.5°	3648.9	3800.8	3648.9	3496.9	3458.9	3218.5	2898.1	2737.8	2628.6	2410.0	2246.1
145°	3453.0	3568.0	3453.0	3337.9	3309.1	3112.5	2850.4	2719.4	2628.6	2447.0	2310.8
147.5°	3302.6	3397.8	3302.6	3207.2	3183.4	3028.7	2822.5	2719.4	2646.7	2501.2	2392.1
150°	3207.8	3285.1	3207.8	3130.6	3111.3	2980.7	2806.5	2719.4	2656.1	2529.6	2434.7
152.5°	3126.9	3185.2	3126.9	3068.6	3054.0	2942.5	2793.8	2719.4	2662.3	2548.1	2462.4
155°	3033.9	3072.5	3033.9	2995.3	2985.6	2896.9	2778.6	2719.4	2675.8	2588.8	2523.5
157.5°	2960.3	2987.4	2960.3	2933.3	2926.5	2857.4	2765.4	2719.4	2689.3	2629.4	2584.4
160°	2916.4	2932.0	2916.4	2900.8	2896.8	2837.6	2758.8	2719.4	2695.6	2647.9	2612.2
162.5°	2887.6	2902.4	2887.6	2872.8	2869.2	2819.3	2752.7	2719.4	2702.1	2667.6	2641.7
165°	2846.1	2861.7	2846.1	2830.5	2826.6	2790.8	2743.2	2719.4	2711.6	2696.0	2684.3
167.5°	2816.3	2822.9	2816.3	2809.8	2808.1	2784.7	2753.5	2737.8	2731.3	2718.2	2708.3
170°	2808.1	2808.1	2808.1	2808.1	2808.1	2784.7	2753.5	2737.8	2737.5	2736.7	2736.1
172.5°	2786.2	2780.4	2786.2	2791.9	2793.4	2774.9	2750.2	2737.8	2737.8	2737.8	2737.8
175°	2773.0	2773.0	2773.0	2773.0	2773.0	2761.3	2745.7	2737.8	2741.6	2749.0	2754.5
177.5°	2761.1	2754.5	2761.1	2767.6	2769.3	2760.1	2747.7	2741.6	2744.5	2750.2	2754.5
180°	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5

TEST NUMBER: P935917

CATALOG NUMBER: SQ4-FA-150U-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°	48.1	33.3	18.5	33.3	48.1	51.8	81.3	120.7	140.5	124.9	93.7
92.5°	325.3	199.6	73.9	199.6	325.3	356.8	501.6	694.7	791.2	693.4	497.9
95°	637.6	407.5	177.4	407.5	637.6	695.1	1234.3	1953.3	2312.7	2063.7	1565.9
97.5°	712.7	509.8	306.9	509.8	712.7	763.5	1662.6	2861.3	3460.7	3303.4	2988.7
100°	774.8	590.7	406.7	590.7	774.8	820.8	1818.5	3148.7	3813.8	3825.2	3848.3
102.5°	835.2	663.4	491.7	663.4	835.2	878.1	1889.9	3239.1	3913.7	4114.1	4515.1
105°	926.8	781.4	636.0	781.4	926.8	963.2	1943.0	3249.3	3902.5	4351.9	5250.8
107.5°	1055.0	919.4	783.9	919.4	1055.0	1088.9	1952.8	3104.7	3680.7	4307.6	5561.4
110°	1128.5	1006.1	883.7	1006.1	1128.5	1159.1	1938.1	2976.5	3495.8	4196.7	5598.4

TEST NUMBER: P935917

CATALOG NUMBER: SQ4-FA-150U-075D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	1215.0	1098.4	981.7	1098.4	1215.0	1244.2	1938.7	2864.6	3327.6	4044.9	5479.4
115°	1344.9	1237.2	1129.6	1237.2	1344.9	1371.7	1956.5	2736.3	3126.1	3817.1	5199.1
117.5°	1471.1	1373.3	1275.6	1373.3	1471.1	1495.5	1992.8	2655.8	2987.4	3611.0	4858.3
120°	1544.6	1452.7	1360.6	1452.7	1544.6	1567.7	2022.4	2628.8	2932.0	3501.8	4641.3
122.5°	1629.5	1536.6	1443.8	1536.6	1629.5	1652.7	2065.0	2614.6	2889.5	3402.6	4428.8
125°	1740.7	1656.0	1571.4	1656.0	1740.7	1761.8	2122.3	2603.0	2843.3	3279.2	4150.9
127.5°	1845.8	1760.3	1674.9	1760.3	1845.8	1867.1	2179.5	2596.2	2804.4	3178.7	3927.2
130°	1914.3	1822.4	1730.4	1822.4	1914.3	1937.4	2221.4	2600.2	2789.6	3122.8	3789.2
132.5°	1971.7	1879.7	1787.7	1879.7	1971.7	1994.7	2255.3	2602.9	2776.7	3075.0	3671.5
135°	2040.3	1956.4	1872.7	1956.4	2040.3	2061.3	2292.4	2600.5	2754.5	3004.3	3503.8
137.5°	2125.6	2042.6	1959.6	2042.6	2125.6	2146.3	2347.8	2616.4	2750.8	2961.9	3384.3
140°	2184.6	2108.1	2031.7	2108.1	2184.6	2203.6	2381.7	2619.1	2737.8	2920.2	3285.1
142.5°	2228.4	2157.8	2087.2	2157.8	2228.4	2246.1	2410.0	2628.6	2737.8	2898.1	3218.5
145°	2295.4	2233.9	2172.2	2233.9	2295.4	2310.8	2447.0	2628.6	2719.4	2850.4	3112.5
147.5°	2377.1	2317.2	2257.2	2317.2	2377.1	2392.1	2501.2	2646.7	2719.4	2822.5	3028.7
150°	2421.2	2367.0	2312.7	2367.0	2421.2	2434.7	2529.6	2656.1	2719.4	2806.5	2980.7
152.5°	2452.1	2411.1	2370.0	2411.1	2452.1	2462.4	2548.1	2662.3	2719.4	2793.8	2942.5
155°	2515.8	2485.5	2455.1	2485.5	2515.8	2523.5	2588.8	2675.8	2719.4	2778.6	2896.9
157.5°	2577.0	2547.5	2517.9	2547.5	2577.0	2584.4	2629.4	2689.3	2719.4	2765.4	2857.4
160°	2606.4	2583.4	2560.4	2583.4	2606.4	2612.2	2647.9	2695.6	2719.4	2758.8	2837.6
162.5°	2637.4	2620.2	2602.9	2620.2	2637.4	2641.7	2667.6	2702.1	2719.4	2752.7	2819.3
165°	2680.3	2664.7	2649.1	2664.7	2680.3	2684.3	2696.0	2711.6	2719.4	2743.2	2790.8
167.5°	2706.4	2699.1	2691.7	2699.1	2706.4	2708.3	2718.2	2731.3	2737.8	2753.5	2784.7
170°	2734.2	2726.8	2719.4	2726.8	2734.2	2736.1	2736.7	2737.5	2737.8	2753.5	2784.7
172.5°	2737.5	2735.8	2734.2	2735.8	2737.5	2737.8	2737.8	2737.8	2737.8	2750.2	2774.9
175°	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2749.0	2741.6	2737.8	2745.7	2761.3
177.5°	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2750.2	2744.5	2741.6	2747.7	2760.1
180°	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5

TEST NUMBER: P935917

CATALOG NUMBER: SQ4-FA-150U-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°	70.2	70.2	70.2	70.2	70.2	70.2	70.2	93.7	124.9	140.5	120.7
92.5°	351.2	337.3	281.4	225.6	281.4	337.3	351.2	497.9	693.4	791.2	694.7
95°	1192.4	1150.1	980.8	811.5	980.8	1150.1	1192.4	1565.9	2063.7	2312.7	1953.3
97.5°	2752.7	2672.1	2350.1	2028.0	2350.1	2672.1	2752.7	2988.7	3303.4	3460.7	2861.3
100°	3865.6	3769.6	3386.0	3002.2	3386.0	3769.6	3865.6	3848.3	3825.2	3813.8	3148.7
102.5°	4815.8	4733.6	4405.0	4076.3	4405.0	4733.6	4815.8	4515.1	4114.1	3913.7	3239.1
105°	5924.9	5880.8	5704.2	5527.6	5704.2	5880.8	5924.9	5250.8	4351.9	3902.5	3249.3
107.5°	6501.7	6512.4	6555.2	6597.9	6555.2	6512.4	6501.7	5561.4	4307.6	3680.7	3104.7
110°	6649.6	6695.7	6879.7	7063.8	6879.7	6695.7	6649.6	5598.4	4196.7	3495.8	2976.5

TEST NUMBER: P935917

CATALOG NUMBER: SQ4-FA-150U-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°	6555.4	6626.0	6908.7	7191.4	6908.7	6626.0	6555.4	5479.4	4044.9	3327.6	2864.6
115°	6235.6	6333.6	6725.4	7117.4	6725.4	6333.6	6235.6	5199.1	3817.1	3126.1	2736.3
117.5°	5793.7	5902.4	6337.0	6771.7	6337.0	5902.4	5793.7	4858.3	3611.0	2987.4	2655.8
120°	5496.0	5601.7	6023.9	6446.3	6023.9	5601.7	5496.0	4641.3	3501.8	2932.0	2628.8
122.5°	5198.5	5302.6	5719.2	6135.8	5719.2	5302.6	5198.5	4428.8	3402.6	2889.5	2614.6
125°	4804.6	4900.6	5284.3	5668.1	5284.3	4900.6	4804.6	4150.9	3279.2	2843.3	2603.0
127.5°	4488.6	4569.5	4893.3	5216.9	4893.3	4569.5	4488.6	3927.2	3178.7	2804.4	2596.2
130°	4288.9	4363.7	4662.8	4961.8	4662.8	4363.7	4288.9	3789.2	3122.8	2789.6	2600.2
132.5°	4118.9	4185.9	4453.6	4721.5	4453.6	4185.9	4118.9	3671.5	3075.0	2776.7	2602.9
135°	3878.5	3936.2	4167.1	4398.0	4167.1	3936.2	3878.5	3503.8	3004.3	2754.5	2600.5
137.5°	3701.0	3748.3	3937.3	4126.2	3937.3	3748.3	3701.0	3384.3	2961.9	2750.8	2616.4
140°	3558.7	3602.8	3779.5	3956.1	3779.5	3602.8	3558.7	3285.1	2920.2	2737.8	2619.1
142.5°	3458.9	3496.9	3648.9	3800.8	3648.9	3496.9	3458.9	3218.5	2898.1	2737.8	2628.6
145°	3309.1	3337.9	3453.0	3568.0	3453.0	3337.9	3309.1	3112.5	2850.4	2719.4	2628.6
147.5°	3183.4	3207.2	3302.6	3397.8	3302.6	3207.2	3183.4	3028.7	2822.5	2719.4	2646.7
150°	3111.3	3130.6	3207.8	3285.1	3207.8	3130.6	3111.3	2980.7	2806.5	2719.4	2656.1
152.5°	3054.0	3068.6	3126.9	3185.2	3126.9	3068.6	3054.0	2942.5	2793.8	2719.4	2662.3
155°	2985.6	2995.3	3033.9	3072.5	3033.9	2995.3	2985.6	2896.9	2778.6	2719.4	2675.8
157.5°	2926.5	2933.3	2960.3	2987.4	2960.3	2933.3	2926.5	2857.4	2765.4	2719.4	2689.3
160°	2896.8	2900.8	2916.4	2932.0	2916.4	2900.8	2896.8	2837.6	2758.8	2719.4	2695.6
162.5°	2869.2	2872.8	2887.6	2902.4	2887.6	2872.8	2869.2	2819.3	2752.7	2719.4	2702.1
165°	2826.6	2830.5	2846.1	2861.7	2846.1	2830.5	2826.6	2790.8	2743.2	2719.4	2711.6
167.5°	2808.1	2809.8	2816.3	2822.9	2816.3	2809.8	2808.1	2784.7	2753.5	2737.8	2731.3
170°	2808.1	2808.1	2808.1	2808.1	2808.1	2808.1	2808.1	2784.7	2753.5	2737.8	2737.5
172.5°	2793.4	2791.9	2786.2	2780.4	2786.2	2791.9	2793.4	2774.9	2750.2	2737.8	2737.8
175°	2773.0	2773.0	2773.0	2773.0	2773.0	2773.0	2773.0	2761.3	2745.7	2737.8	2741.6
177.5°	2769.3	2767.6	2761.1	2754.5	2761.1	2767.6	2769.3	2760.1	2747.7	2741.6	2744.5
180°	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5	2754.5

TEST NUMBER: P935917

CATALOG NUMBER: SQ4-FA-150U-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°	81.3	51.8	48.1	33.3	18.5
92.5°	501.6	356.8	325.3	199.6	73.9
95°	1234.3	695.1	637.6	407.5	177.4
97.5°	1662.6	763.5	712.7	509.8	306.9
100°	1818.5	820.8	774.8	590.7	406.7
102.5°	1889.9	878.1	835.2	663.4	491.7
105°	1943.0	963.2	926.8	781.4	636.0
107.5°	1952.8	1088.9	1055.0	919.4	783.9
110°	1938.1	1159.1	1128.5	1006.1	883.7

TEST NUMBER: P935917

CATALOG NUMBER: SQ4-FA-150U-075D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1938.7	1244.2	1215.0	1098.4	981.7
115°	1956.5	1371.7	1344.9	1237.2	1129.6
117.5°	1992.8	1495.5	1471.1	1373.3	1275.6
120°	2022.4	1567.7	1544.6	1452.7	1360.6
122.5°	2065.0	1652.7	1629.5	1536.6	1443.8
125°	2122.3	1761.8	1740.7	1656.0	1571.4
127.5°	2179.5	1867.1	1845.8	1760.3	1674.9
130°	2221.4	1937.4	1914.3	1822.4	1730.4
132.5°	2255.3	1994.7	1971.7	1879.7	1787.7
135°	2292.4	2061.3	2040.3	1956.4	1872.7
137.5°	2347.8	2146.3	2125.6	2042.6	1959.6
140°	2381.7	2203.6	2184.6	2108.1	2031.7
142.5°	2410.0	2246.1	2228.4	2157.8	2087.2
145°	2447.0	2310.8	2295.4	2233.9	2172.2
147.5°	2501.2	2392.1	2377.1	2317.2	2257.2
150°	2529.6	2434.7	2421.2	2367.0	2312.7
152.5°	2548.1	2462.4	2452.1	2411.1	2370.0
155°	2588.8	2523.5	2515.8	2485.5	2455.1
157.5°	2629.4	2584.4	2577.0	2547.5	2517.9
160°	2647.9	2612.2	2606.4	2583.4	2560.4
162.5°	2667.6	2641.7	2637.4	2620.2	2602.9
165°	2696.0	2684.3	2680.3	2664.7	2649.1
167.5°	2718.2	2708.3	2706.4	2699.1	2691.7
170°	2736.7	2736.1	2734.2	2726.8	2719.4
172.5°	2737.8	2737.8	2737.5	2735.8	2734.2
175°	2749.0	2754.5	2754.5	2754.5	2754.5
177.5°	2750.2	2754.5	2754.5	2754.5	2754.5
180°	2754.5	2754.5	2754.5	2754.5	2754.5

TEST NUMBER: P935917

CATALOG NUMBER: SQ4-FA-150U-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	10.66	11.38	11.77	12.48	13.99	13.51	14.23	14.62	15.33	16.84
	3H	11.13	11.77	12.24	12.88	14.41	14.86	15.49	15.97	16.60	18.13
	4H	11.31	11.92	12.43	13.03	14.57	15.30	15.90	16.42	17.01	18.55
	6H	11.42	11.98	12.55	13.09	14.64	15.58	16.14	16.71	17.25	18.80
	8H	11.42	11.95	12.55	13.08	14.62	15.65	16.18	16.79	17.31	18.85
	12H	11.39	11.89	12.52	13.01	14.58	15.69	16.19	16.83	17.31	18.88
4H	2H	11.68	12.29	12.81	13.40	14.94	13.90	14.51	15.03	15.62	17.16
	3H	12.70	13.20	13.83	14.34	15.89	15.40	15.91	16.54	17.04	18.59
	4H	12.97	13.43	14.10	14.55	16.13	15.93	16.39	17.07	17.52	19.09
	6H	13.08	13.48	14.23	14.63	16.19	16.29	16.69	17.44	17.84	19.40
	8H	13.08	13.46	14.23	14.59	16.17	16.40	16.77	17.54	17.91	19.49
	12H	13.04	13.38	14.20	14.53	16.11	16.45	16.79	17.61	17.94	19.52
8H	4H	13.41	13.78	14.55	14.92	16.50	16.04	16.41	17.18	17.55	19.13
	6H	13.67	13.97	14.83	15.15	16.73	16.48	16.78	17.64	17.96	19.54
	8H	13.71	13.97	14.88	15.13	16.73	16.63	16.90	17.80	18.06	19.65
	12H	13.68	13.92	14.86	15.08	16.71	16.73	16.96	17.90	18.12	19.75
12H	4H	13.41	13.75	14.57	14.90	16.48	16.00	16.34	17.16	17.49	19.07
	6H	13.73	13.99	14.90	15.15	16.75	16.47	16.74	17.64	17.90	19.50
	8H	13.79	14.02	14.96	15.18	16.81	16.63	16.87	17.80	18.02	19.65