

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: P934919

Luminaire Tested: SQ4-FA-075U-125D-840-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934919
REPORT IS A COMBINATION OF REPORTS P933719 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-125D-840-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

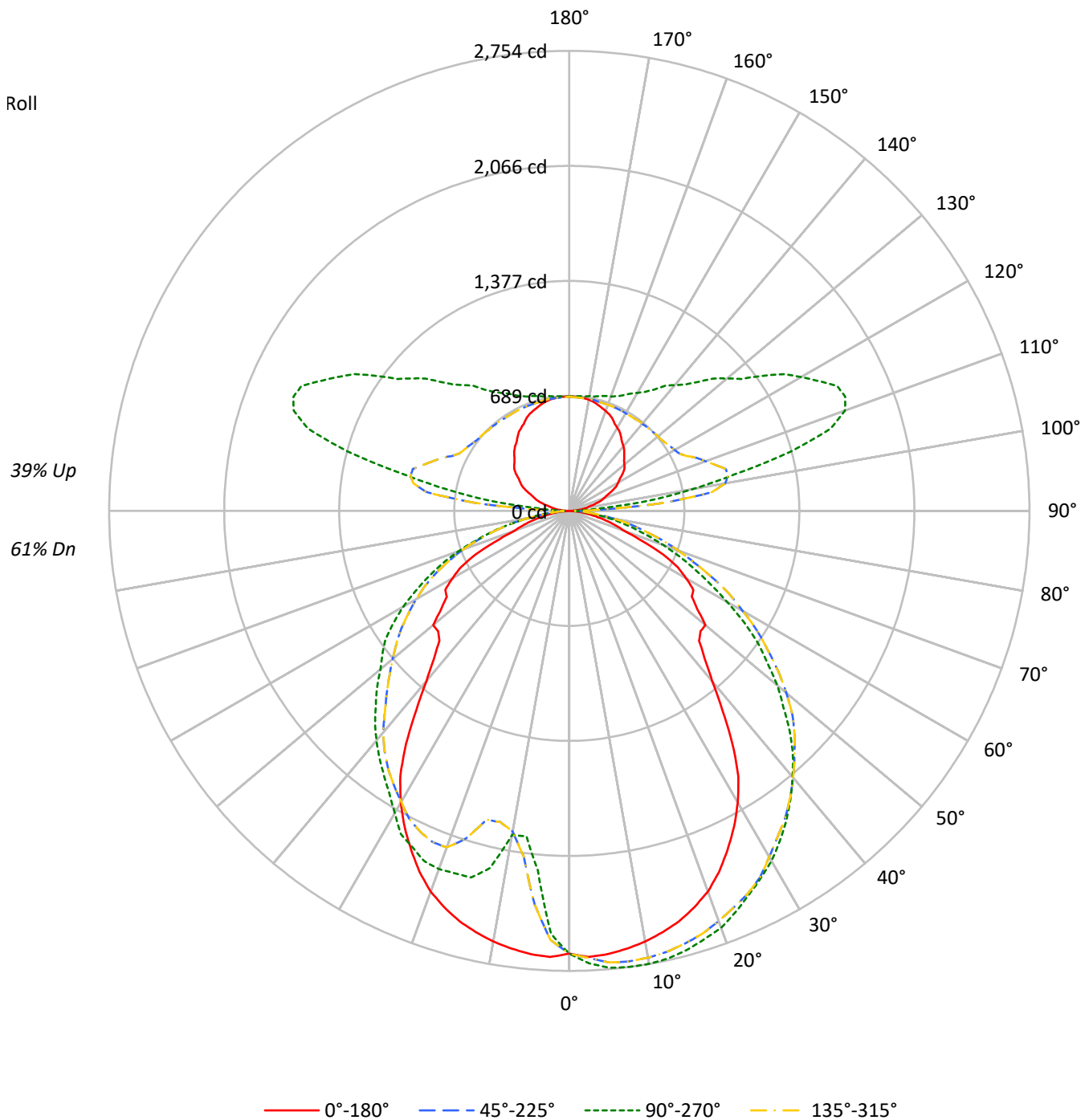
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11312.6 lumens
Efficiency: N/A
Efficacy: 121.6 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: Semi-Direct

Input Watts (W): 93
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66	66	66	66	61
1	100	96	92	88	94	90	86	83	79	76	74	68	66	65	59	57	56	56	56	56	51
2	91	84	78	72	85	79	73	68	69	65	61	60	57	54	52	49	47	47	47	47	43
3	83	74	66	60	78	69	63	57	61	56	51	53	49	46	46	43	40	40	40	40	36
4	76	65	57	51	71	61	54	49	54	48	44	47	43	39	41	37	35	35	35	35	31
5	70	58	50	44	65	55	47	42	48	42	38	42	38	34	37	33	30	30	30	30	27
6	65	52	44	38	60	49	42	36	44	37	33	38	33	30	33	29	26	26	26	26	24
7	60	47	39	33	56	45	37	32	39	33	29	35	30	26	30	26	23	23	23	23	21
8	55	43	35	29	52	40	33	28	36	30	26	32	27	23	28	24	21	21	21	21	19
9	52	39	31	26	48	37	30	25	33	27	23	29	24	21	26	22	19	19	19	19	17
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	24	20	17	17	17	17	15

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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	239.3	2.1
10°-20°	679.3	6.0
20°-30°	1050.1	9.3
30°-40°	1253.6	11.1
40°-50°	1261.0	11.1
50°-60°	1097.2	9.7
60°-70°	777.9	6.9
70°-80°	411.6	3.6
80°-90°	105.1	0.9
90°-100°	333.7	2.9
100°-110°	877.2	7.8
110°-120°	909.6	8.0
120°-130°	729.6	6.4
130°-140°	572.5	5.1
140°-150°	439.4	3.9
150°-160°	316.4	2.8
160°-170°	193.6	1.7
170°-180°	65.4	0.6
0°-30°	1968.7	17.4
0°-40°	3222.3	28.5
0°-60°	5580.5	49.3
0°-90°	6875.1	60.8
90°-120°	2120.5	18.7
90°-150°	3862.0	34.1
90°-180°	4437.0	39.2
0°-180°	11312.6	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°	4	18	4	18	4	5
95°	44	202	44	202	44	49
105°	158	1374	158	1374	158	168
115°	281	1769	281	1769	281	277
125°	390	1409	390	1409	390	347
135°	465	1093	465	1093	465	360
145°	540	887	540	887	540	338
155°	610	764	610	764	610	280
165°	658	711	658	711	658	186
175°	684	689	684	689	684	65
180°	684	684	684	684	684	



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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°	4.5	8.2	12.0	12.8	20.2	29.9	34.9	31.0	23.3	17.5	17.5
92.5°	18.4	49.6	80.8	88.6	124.6	172.6	196.6	172.3	123.7	87.2	83.8
95°	44.1	101.3	158.4	172.7	306.7	485.4	574.7	512.9	389.1	296.3	285.8
97.5°	76.3	126.7	177.0	189.7	413.2	711.1	860.1	820.9	742.8	684.1	664.0
100°	101.1	146.8	192.6	204.0	451.9	782.5	947.8	950.7	956.4	960.6	936.8
102.5°	122.2	164.9	207.6	218.2	469.7	804.9	972.6	1022.4	1122.1	1196.8	1176.3
105°	158.1	194.2	230.4	239.4	482.8	807.5	969.8	1081.5	1304.9	1472.4	1461.4
107.5°	194.8	228.5	262.2	270.6	485.3	771.5	914.7	1070.5	1382.1	1615.8	1618.4
110°	219.6	250.1	280.4	288.0	481.6	739.7	868.7	1042.9	1391.3	1652.5	1664.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	243.9	272.9	301.9	309.1	481.7	711.9	827.0	1005.2	1361.7	1629.0	1646.6
115°	280.7	307.5	334.1	340.9	486.2	679.9	776.9	948.6	1292.0	1549.6	1573.9
117.5°	317.0	341.3	365.6	371.7	495.3	660.0	742.4	897.4	1207.3	1439.8	1466.8
120°	338.1	361.0	383.8	389.6	502.6	653.3	728.6	870.2	1153.4	1365.8	1392.1
122.5°	358.8	381.9	405.0	410.7	513.2	649.8	718.1	845.5	1100.5	1291.8	1317.7
125°	390.5	411.5	432.5	437.8	527.4	646.8	706.6	814.9	1031.6	1194.0	1217.8
127.5°	416.2	437.5	458.6	464.0	541.6	645.2	696.9	789.9	975.9	1115.5	1135.6
130°	430.0	452.9	475.7	481.5	552.1	646.3	693.3	776.1	941.7	1065.9	1084.4
132.5°	444.2	467.1	489.9	495.7	560.5	646.8	690.0	764.1	912.4	1023.6	1040.2
135°	465.3	486.2	507.0	512.3	569.7	646.3	684.5	746.5	870.7	963.8	978.1
137.5°	487.0	507.5	528.2	533.3	583.4	650.2	683.6	736.1	841.0	919.7	931.5
140°	504.9	523.8	542.9	547.6	591.9	650.9	680.3	725.7	816.4	884.4	895.3
142.5°	518.7	536.3	553.9	558.2	598.9	653.2	680.3	720.2	799.8	859.6	869.0
145°	539.8	555.2	570.4	574.2	608.1	653.3	675.8	708.4	773.5	822.3	829.4
147.5°	560.9	575.8	590.7	594.5	621.6	657.7	675.8	701.4	752.7	791.1	797.0
150°	574.7	588.2	601.7	605.1	628.7	660.1	675.8	697.4	740.7	773.2	778.0
152.5°	588.9	599.2	609.4	612.0	633.2	661.6	675.8	694.3	731.2	759.0	762.6
155°	610.1	617.6	625.2	627.1	643.3	664.9	675.8	690.5	720.0	742.0	744.4
157.5°	625.7	633.1	640.4	642.3	653.5	668.4	675.8	687.3	710.1	727.3	728.9
160°	636.3	642.0	647.7	649.1	658.0	669.9	675.8	685.6	705.1	719.9	720.8
162.5°	646.8	651.2	655.4	656.5	662.9	671.5	675.8	684.1	700.6	713.0	713.9
165°	658.3	662.3	666.1	667.1	670.0	673.8	675.8	681.7	693.6	702.5	703.5
167.5°	668.9	670.8	672.5	673.0	675.5	678.8	680.3	684.2	692.0	697.8	698.2
170°	675.8	677.7	679.4	679.9	680.0	680.2	680.3	684.2	692.0	697.8	697.8
172.5°	679.4	679.8	680.2	680.3	680.3	680.3	680.3	683.4	689.5	694.2	693.8
175°	684.5	684.5	684.5	684.5	683.1	681.2	680.3	682.3	686.2	689.1	689.1
177.5°	684.5	684.5	684.5	684.5	683.4	682.0	681.3	682.9	686.0	688.2	687.8
180°	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5



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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°	17.5	17.5	17.5	17.5	17.5	23.3	31.0	34.9	29.9	20.2	12.8
92.5°	69.9	56.0	69.9	83.8	87.2	123.7	172.3	196.6	172.6	124.6	88.6
95°	243.7	201.7	243.7	285.8	296.3	389.1	512.9	574.7	485.4	306.7	172.7
97.5°	584.0	504.0	584.0	664.0	684.1	742.8	820.9	860.1	711.1	413.2	189.7
100°	841.4	746.0	841.4	936.8	960.6	956.4	950.7	947.8	782.5	451.9	204.0
102.5°	1094.7	1013.0	1094.7	1176.3	1196.8	1122.1	1022.4	972.6	804.9	469.7	218.2
105°	1417.5	1373.6	1417.5	1461.4	1472.4	1304.9	1081.5	969.8	807.5	482.8	239.4
107.5°	1629.0	1639.6	1629.0	1618.4	1615.8	1382.1	1070.5	914.7	771.5	485.3	270.6
110°	1709.6	1755.4	1709.6	1664.0	1652.5	1391.3	1042.9	868.7	739.7	481.6	288.0



TEST NUMBER: P934919

CATALOG NUMBER: SQ4-FA-075U-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°	1716.8	1787.1	1716.8	1646.6	1629.0	1361.7	1005.2	827.0	711.9	481.7	309.1
115°	1671.3	1768.7	1671.3	1573.9	1549.6	1292.0	948.6	776.9	679.9	486.2	340.9
117.5°	1574.8	1682.8	1574.8	1466.8	1439.8	1207.3	897.4	742.4	660.0	495.3	371.7
120°	1497.0	1601.9	1497.0	1392.1	1365.8	1153.4	870.2	728.6	653.3	502.6	389.6
122.5°	1421.2	1524.8	1421.2	1317.7	1291.8	1100.5	845.5	718.1	649.8	513.2	410.7
125°	1313.2	1408.6	1313.2	1217.8	1194.0	1031.6	814.9	706.6	646.8	527.4	437.8
127.5°	1216.0	1296.5	1216.0	1135.6	1115.5	975.9	789.9	696.9	645.2	541.6	464.0
130°	1158.7	1233.0	1158.7	1084.4	1065.9	941.7	776.1	693.3	646.3	552.1	481.5
132.5°	1106.8	1173.3	1106.8	1040.2	1023.6	912.4	764.1	690.0	646.8	560.5	495.7
135°	1035.5	1092.9	1035.5	978.1	963.8	870.7	746.5	684.5	646.3	569.7	512.3
137.5°	978.4	1025.4	978.4	931.5	919.7	841.0	736.1	683.6	650.2	583.4	533.3
140°	939.3	983.2	939.3	895.3	884.4	816.4	725.7	680.3	650.9	591.9	547.6
142.5°	906.8	944.5	906.8	869.0	859.6	799.8	720.2	680.3	653.2	598.9	558.2
145°	858.1	886.6	858.1	829.4	822.3	773.5	708.4	675.8	653.3	608.1	574.2
147.5°	820.6	844.3	820.6	797.0	791.1	752.7	701.4	675.8	657.7	621.6	594.5
150°	797.2	816.4	797.2	778.0	773.2	740.7	697.4	675.8	660.1	628.7	605.1
152.5°	777.1	791.6	777.1	762.6	759.0	731.2	694.3	675.8	661.6	633.2	612.0
155°	753.9	763.5	753.9	744.4	742.0	720.0	690.5	675.8	664.9	643.3	627.1
157.5°	735.7	742.4	735.7	728.9	727.3	710.1	687.3	675.8	668.4	653.5	642.3
160°	724.7	728.6	724.7	720.8	719.9	705.1	685.6	675.8	669.9	658.0	649.1
162.5°	717.6	721.2	717.6	713.9	713.0	700.6	684.1	675.8	671.5	662.9	656.5
165°	707.3	711.2	707.3	703.5	702.5	693.6	681.7	675.8	673.8	670.0	667.1
167.5°	699.9	701.5	699.9	698.2	697.8	692.0	684.2	680.3	678.8	675.5	673.0
170°	697.8	697.8	697.8	697.8	697.8	692.0	684.2	680.3	680.2	680.0	679.9
172.5°	692.4	690.9	692.4	693.8	694.2	689.5	683.4	680.3	680.3	680.3	680.3
175°	689.1	689.1	689.1	689.1	689.1	686.2	682.3	680.3	681.2	683.1	684.5
177.5°	686.2	684.5	686.2	687.8	688.2	686.0	682.9	681.3	682.0	683.4	684.5
180°	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5



TEST NUMBER: P934919

CATALOG NUMBER: SQ4-FA-075U-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°	12.0	8.2	4.5	8.2	12.0	12.8	20.2	29.9	34.9	31.0	23.3
92.5°	80.8	49.6	18.4	49.6	80.8	88.6	124.6	172.6	196.6	172.3	123.7
95°	158.4	101.3	44.1	101.3	158.4	172.7	306.7	485.4	574.7	512.9	389.1
97.5°	177.0	126.7	76.3	126.7	177.0	189.7	413.2	711.1	860.1	820.9	742.8
100°	192.6	146.8	101.1	146.8	192.6	204.0	451.9	782.5	947.8	950.7	956.4
102.5°	207.6	164.9	122.2	164.9	207.6	218.2	469.7	804.9	972.6	1022.4	1122.1
105°	230.4	194.2	158.1	194.2	230.4	239.4	482.8	807.5	969.8	1081.5	1304.9
107.5°	262.2	228.5	194.8	228.5	262.2	270.6	485.3	771.5	914.7	1070.5	1382.1
110°	280.4	250.1	219.6	250.1	280.4	288.0	481.6	739.7	868.7	1042.9	1391.3



TEST NUMBER: P934919

CATALOG NUMBER: SQ4-FA-075U-125D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	301.9	272.9	243.9	272.9	301.9	309.1	481.7	711.9	827.0	1005.2	1361.7
115°	334.1	307.5	280.7	307.5	334.1	340.9	486.2	679.9	776.9	948.6	1292.0
117.5°	365.6	341.3	317.0	341.3	365.6	371.7	495.3	660.0	742.4	897.4	1207.3
120°	383.8	361.0	338.1	361.0	383.8	389.6	502.6	653.3	728.6	870.2	1153.4
122.5°	405.0	381.9	358.8	381.9	405.0	410.7	513.2	649.8	718.1	845.5	1100.5
125°	432.5	411.5	390.5	411.5	432.5	437.8	527.4	646.8	706.6	814.9	1031.6
127.5°	458.6	437.5	416.2	437.5	458.6	464.0	541.6	645.2	696.9	789.9	975.9
130°	475.7	452.9	430.0	452.9	475.7	481.5	552.1	646.3	693.3	776.1	941.7
132.5°	489.9	467.1	444.2	467.1	489.9	495.7	560.5	646.8	690.0	764.1	912.4
135°	507.0	486.2	465.3	486.2	507.0	512.3	569.7	646.3	684.5	746.5	870.7
137.5°	528.2	507.5	487.0	507.5	528.2	533.3	583.4	650.2	683.6	736.1	841.0
140°	542.9	523.8	504.9	523.8	542.9	547.6	591.9	650.9	680.3	725.7	816.4
142.5°	553.9	536.3	518.7	536.3	553.9	558.2	598.9	653.2	680.3	720.2	799.8
145°	570.4	555.2	539.8	555.2	570.4	574.2	608.1	653.3	675.8	708.4	773.5
147.5°	590.7	575.8	560.9	575.8	590.7	594.5	621.6	657.7	675.8	701.4	752.7
150°	601.7	588.2	574.7	588.2	601.7	605.1	628.7	660.1	675.8	697.4	740.7
152.5°	609.4	599.2	588.9	599.2	609.4	612.0	633.2	661.6	675.8	694.3	731.2
155°	625.2	617.6	610.1	617.6	625.2	627.1	643.3	664.9	675.8	690.5	720.0
157.5°	640.4	633.1	625.7	633.1	640.4	642.3	653.5	668.4	675.8	687.3	710.1
160°	647.7	642.0	636.3	642.0	647.7	649.1	658.0	669.9	675.8	685.6	705.1
162.5°	655.4	651.2	646.8	651.2	655.4	656.5	662.9	671.5	675.8	684.1	700.6
165°	666.1	662.3	658.3	662.3	666.1	667.1	670.0	673.8	675.8	681.7	693.6
167.5°	672.5	670.8	668.9	670.8	672.5	673.0	675.5	678.8	680.3	684.2	692.0
170°	679.4	677.7	675.8	677.7	679.4	679.9	680.0	680.2	680.3	684.2	692.0
172.5°	680.2	679.8	679.4	679.8	680.2	680.3	680.3	680.3	680.3	683.4	689.5
175°	684.5	684.5	684.5	684.5	684.5	684.5	683.1	681.2	680.3	682.3	686.2
177.5°	684.5	684.5	684.5	684.5	684.5	684.5	683.4	682.0	681.3	682.9	686.0
180°	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5



TEST NUMBER: P934919
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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°	17.5	17.5	17.5	17.5	17.5	17.5	17.5	23.3	31.0	34.9	29.9
92.5°	87.2	83.8	69.9	56.0	69.9	83.8	87.2	123.7	172.3	196.6	172.6
95°	296.3	285.8	243.7	201.7	243.7	285.8	296.3	389.1	512.9	574.7	485.4
97.5°	684.1	664.0	584.0	504.0	584.0	664.0	684.1	742.8	820.9	860.1	711.1
100°	960.6	936.8	841.4	746.0	841.4	936.8	960.6	956.4	950.7	947.8	782.5
102.5°	1196.8	1176.3	1094.7	1013.0	1094.7	1176.3	1196.8	1122.1	1022.4	972.6	804.9
105°	1472.4	1461.4	1417.5	1373.6	1417.5	1461.4	1472.4	1304.9	1081.5	969.8	807.5
107.5°	1615.8	1618.4	1629.0	1639.6	1629.0	1618.4	1615.8	1382.1	1070.5	914.7	771.5
110°	1652.5	1664.0	1709.6	1755.4	1709.6	1664.0	1652.5	1391.3	1042.9	868.7	739.7



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1629.0	1646.6	1716.8	1787.1	1716.8	1646.6	1629.0	1361.7	1005.2	827.0	711.9
115°	1549.6	1573.9	1671.3	1768.7	1671.3	1573.9	1549.6	1292.0	948.6	776.9	679.9
117.5°	1439.8	1466.8	1574.8	1682.8	1574.8	1466.8	1439.8	1207.3	897.4	742.4	660.0
120°	1365.8	1392.1	1497.0	1601.9	1497.0	1392.1	1365.8	1153.4	870.2	728.6	653.3
122.5°	1291.8	1317.7	1421.2	1524.8	1421.2	1317.7	1291.8	1100.5	845.5	718.1	649.8
125°	1194.0	1217.8	1313.2	1408.6	1313.2	1217.8	1194.0	1031.6	814.9	706.6	646.8
127.5°	1115.5	1135.6	1216.0	1296.5	1216.0	1135.6	1115.5	975.9	789.9	696.9	645.2
130°	1065.9	1084.4	1158.7	1233.0	1158.7	1084.4	1065.9	941.7	776.1	693.3	646.3
132.5°	1023.6	1040.2	1106.8	1173.3	1106.8	1040.2	1023.6	912.4	764.1	690.0	646.8
135°	963.8	978.1	1035.5	1092.9	1035.5	978.1	963.8	870.7	746.5	684.5	646.3
137.5°	919.7	931.5	978.4	1025.4	978.4	931.5	919.7	841.0	736.1	683.6	650.2
140°	884.4	895.3	939.3	983.2	939.3	895.3	884.4	816.4	725.7	680.3	650.9
142.5°	859.6	869.0	906.8	944.5	906.8	869.0	859.6	799.8	720.2	680.3	653.2
145°	822.3	829.4	858.1	886.6	858.1	829.4	822.3	773.5	708.4	675.8	653.3
147.5°	791.1	797.0	820.6	844.3	820.6	797.0	791.1	752.7	701.4	675.8	657.7
150°	773.2	778.0	797.2	816.4	797.2	778.0	773.2	740.7	697.4	675.8	660.1
152.5°	759.0	762.6	777.1	791.6	777.1	762.6	759.0	731.2	694.3	675.8	661.6
155°	742.0	744.4	753.9	763.5	753.9	744.4	742.0	720.0	690.5	675.8	664.9
157.5°	727.3	728.9	735.7	742.4	735.7	728.9	727.3	710.1	687.3	675.8	668.4
160°	719.9	720.8	724.7	728.6	724.7	720.8	719.9	705.1	685.6	675.8	669.9
162.5°	713.0	713.9	717.6	721.2	717.6	713.9	713.0	700.6	684.1	675.8	671.5
165°	702.5	703.5	707.3	711.2	707.3	703.5	702.5	693.6	681.7	675.8	673.8
167.5°	697.8	698.2	699.9	701.5	699.9	698.2	697.8	692.0	684.2	680.3	678.8
170°	697.8	697.8	697.8	697.8	697.8	697.8	697.8	692.0	684.2	680.3	680.2
172.5°	694.2	693.8	692.4	690.9	692.4	693.8	694.2	689.5	683.4	680.3	680.3
175°	689.1	689.1	689.1	689.1	689.1	689.1	689.1	686.2	682.3	680.3	681.2
177.5°	688.2	687.8	686.2	684.5	686.2	687.8	688.2	686.0	682.9	681.3	682.0
180°	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5	684.5



TEST NUMBER: P934919

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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°	20.2	12.8	12.0	8.2	4.5
92.5°	124.6	88.6	80.8	49.6	18.4
95°	306.7	172.7	158.4	101.3	44.1
97.5°	413.2	189.7	177.0	126.7	76.3
100°	451.9	204.0	192.6	146.8	101.1
102.5°	469.7	218.2	207.6	164.9	122.2
105°	482.8	239.4	230.4	194.2	158.1
107.5°	485.3	270.6	262.2	228.5	194.8
110°	481.6	288.0	280.4	250.1	219.6



TEST NUMBER: P934919

CATALOG NUMBER: SQ4-FA-075U-125D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	481.7	309.1	301.9	272.9	243.9
115°	486.2	340.9	334.1	307.5	280.7
117.5°	495.3	371.7	365.6	341.3	317.0
120°	502.6	389.6	383.8	361.0	338.1
122.5°	513.2	410.7	405.0	381.9	358.8
125°	527.4	437.8	432.5	411.5	390.5
127.5°	541.6	464.0	458.6	437.5	416.2
130°	552.1	481.5	475.7	452.9	430.0
132.5°	560.5	495.7	489.9	467.1	444.2
135°	569.7	512.3	507.0	486.2	465.3
137.5°	583.4	533.3	528.2	507.5	487.0
140°	591.9	547.6	542.9	523.8	504.9
142.5°	598.9	558.2	553.9	536.3	518.7
145°	608.1	574.2	570.4	555.2	539.8
147.5°	621.6	594.5	590.7	575.8	560.9
150°	628.7	605.1	601.7	588.2	574.7
152.5°	633.2	612.0	609.4	599.2	588.9
155°	643.3	627.1	625.2	617.6	610.1
157.5°	653.5	642.3	640.4	633.1	625.7
160°	658.0	649.1	647.7	642.0	636.3
162.5°	662.9	656.5	655.4	651.2	646.8
165°	670.0	667.1	666.1	662.3	658.3
167.5°	675.5	673.0	672.5	670.8	668.9
170°	680.0	679.9	679.4	677.7	675.8
172.5°	680.3	680.3	680.2	679.8	679.4
175°	683.1	684.5	684.5	684.5	684.5
177.5°	683.4	684.5	684.5	684.5	684.5
180°	684.5	684.5	684.5	684.5	684.5



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	15.46	16.43	16.32	17.31	18.42	18.28	19.25	19.14	20.13	21.24
	3H	15.94	16.81	16.82	17.70	18.84	19.64	20.50	20.51	21.39	22.53
	4H	16.14	16.96	17.03	17.86	19.00	20.08	20.90	20.97	21.80	22.94
	6H	16.27	17.02	17.16	17.92	19.08	20.37	21.13	21.27	22.03	23.19
	8H	16.27	16.99	17.18	17.91	19.07	20.45	21.17	21.36	22.09	23.25
	12H	16.24	16.93	17.16	17.84	19.03	20.49	21.18	21.40	22.09	23.27
4H	2H	16.50	17.32	17.40	18.22	19.36	18.71	19.53	19.60	20.42	21.57
	3H	17.54	18.22	18.44	19.15	20.31	20.22	20.90	21.12	21.83	22.99
	4H	17.82	18.44	18.74	19.37	20.55	20.75	21.37	21.67	22.30	23.48
	6H	17.95	18.49	18.88	19.44	20.62	21.12	21.66	22.05	22.61	23.79
	8H	17.96	18.46	18.89	19.40	20.60	21.23	21.73	22.16	22.67	23.87
	12H	17.93	18.39	18.88	19.34	20.55	21.29	21.74	22.24	22.70	23.91
8H	4H	18.28	18.78	19.21	19.73	20.93	20.88	21.39	21.82	22.33	23.53
	6H	18.55	18.96	19.51	19.95	21.15	21.32	21.74	22.28	22.72	23.92
	8H	18.59	18.96	19.56	19.93	21.15	21.48	21.84	22.44	22.82	24.03
	12H	18.58	18.90	19.55	19.87	21.14	21.58	21.90	22.55	22.87	24.13
12H	4H	18.29	18.75	19.24	19.71	20.91	20.85	21.31	21.81	22.27	23.47
	6H	18.61	18.98	19.58	19.95	21.17	21.32	21.69	22.29	22.66	23.88
	8H	18.68	19.00	19.65	19.97	21.24	21.49	21.81	22.46	22.78	24.04