

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: P934412

Luminaire Tested: SQ4-FA-050U-100D-830-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934412
REPORT IS A COMBINATION OF REPORTS P933700 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-100D-830-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

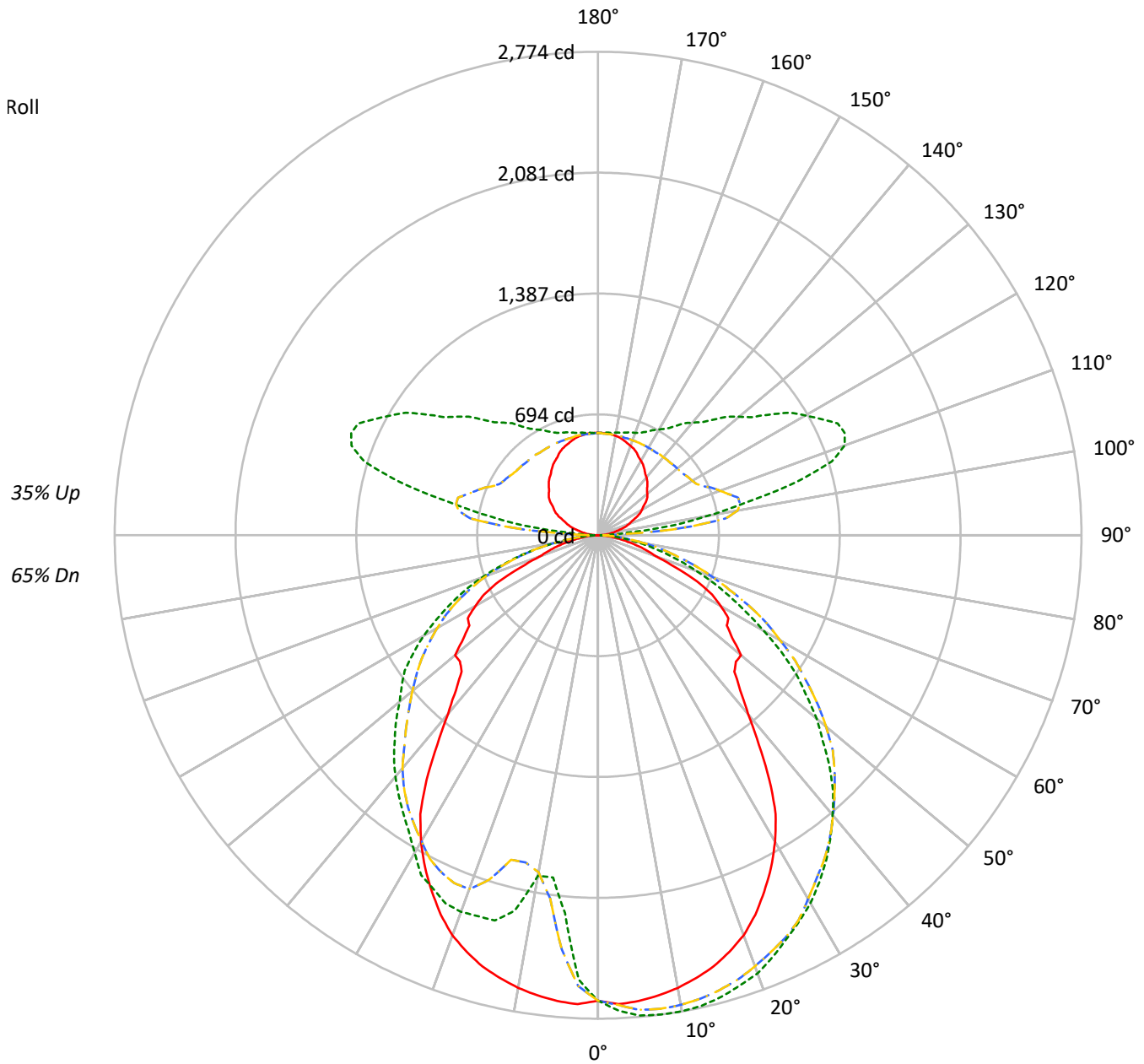
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10732.1 lumens
Efficiency: N/A
Efficacy: 118.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 90.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				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	111	111	111	111	104	104	104	104	91	91	91	80	80	80	69	69	69	65				65
1	101	97	93	89	95	91	88	84	80	78	75	71	69	67	62	60	59	55				55
2	92	85	78	73	86	80	74	69	70	66	63	62	59	56	54	52	50	46				46
3	84	74	67	61	79	70	63	58	62	57	53	55	51	47	48	45	42	39				39
4	77	66	58	52	72	62	55	49	55	49	45	49	44	41	43	39	36	33				33
5	71	59	50	44	66	56	48	42	49	43	39	44	39	35	39	35	32	29				29
6	65	53	44	38	61	50	42	37	45	38	34	40	35	31	35	31	28	25				25
7	60	48	39	34	56	45	38	32	40	34	30	36	31	27	32	28	25	22				22
8	56	43	35	30	52	41	34	29	37	31	27	33	28	24	29	25	22	20				20
9	52	40	32	27	49	38	31	26	34	28	24	30	25	22	27	23	20	18				18
10	49	36	29	24	46	35	28	23	31	25	21	28	23	20	25	21	18	16				16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12389	12389	12389	12389
5°	12481	12506	12481	9834
10°	12398	12318	12398	8807
15°	12263	12052	12263	10064
20°	12007	11736	12007	10085
25°	11482	11274	11482	9871
30°	10803	10892	10803	9402
35°	9631	10408	9631	8886
40°	8025	9837	8025	8497
45°	7171	9170	7171	8048
50°	7618	8374	7618	7599
55°	7167	7517	7167	7339
60°	7389	6384	7389	6722
65°	6698	5277	6698	5899
70°	4637	4206	4637	4944
75°	4068	3109	4068	3723
80°	3278	2055	3278	2238
85°	1882	1088	1882	924

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10990 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.0	2.2
10°-20°	684.4	6.4
20°-30°	1057.9	9.9
30°-40°	1262.9	11.8
40°-50°	1270.3	11.8
50°-60°	1105.3	10.3
60°-70°	783.7	7.3
70°-80°	414.6	3.9
80°-90°	105.5	1.0
90°-100°	286.2	2.7
100°-110°	752.5	7.0
110°-120°	780.3	7.3
120°-130°	625.9	5.8
130°-140°	491.1	4.6
140°-150°	376.9	3.5
150°-160°	271.4	2.5
160°-170°	166.1	1.5
170°-180°	56.1	0.5
0°-30°	1983.3	18.5
0°-40°	3246.2	30.2
0°-60°	5621.8	52.4
0°-90°	6925.6	64.5
90°-120°	1819.0	16.9
90°-150°	3312.8	30.9
90°-180°	3806.0	35.5
0°-180°	10732.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2670	2670	2670	2670	2670	
5°	2683	2766	2683	2175	2683	255
15°	2562	2741	2562	2289	2562	721
25°	2256	2556	2256	2238	2256	1036
35°	1715	2281	1715	1948	1715	1061
45°	1106	1880	1106	1650	1106	886
55°	902	1387	902	1354	902	829
65°	626	836	626	935	626	599
75°	238	397	238	475	238	250
85°	40	101	40	86	40	55
90°	4	15	4	15	4	5
95°	38	173	38	173	38	42
105°	136	1178	136	1178	136	144
115°	241	1517	241	1517	241	238
125°	335	1208	335	1208	335	297
135°	399	938	399	938	399	309
145°	463	761	463	761	463	290
155°	523	655	523	655	523	240
165°	565	610	565	610	565	159
175°	587	591	587	591	587	56
180°	587	587	587	587	587	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2
2.5°	2693.0	2693.0	2708.1	2713.1	2713.1	2705.6	2698.0	2705.6	2728.3	2735.9	2733.4
5°	2682.8	2703.0	2730.8	2735.9	2740.9	2738.4	2733.4	2738.4	2763.7	2768.8	2771.3
7.5°	2662.7	2700.5	2735.9	2743.4	2751.1	2743.4	2740.9	2746.0	2771.3	2776.3	2776.3
10°	2637.3	2690.4	2730.8	2735.9	2743.4	2735.9	2735.9	2746.0	2771.3	2776.3	2778.8
12.5°	2601.9	2675.3	2713.1	2718.2	2728.3	2725.7	2723.3	2733.4	2758.6	2763.7	2763.7
15°	2561.6	2647.5	2682.8	2687.9	2705.6	2700.5	2700.5	2710.6	2738.4	2746.0	2743.4
17.5°	2506.0	2612.1	2652.5	2660.1	2672.7	2670.2	2672.7	2682.8	2708.1	2713.1	2715.7
20°	2442.9	2564.1	2612.1	2619.6	2632.3	2632.3	2632.3	2645.0	2670.2	2680.3	2680.3
22.5°	2356.9	2513.6	2564.1	2569.2	2584.3	2584.3	2589.3	2607.0	2629.8	2632.3	2632.3
25°	2255.9	2458.0	2500.9	2516.1	2531.3	2538.8	2546.4	2556.5	2564.1	2561.6	2564.1
27.5°	2149.8	2387.2	2442.9	2452.9	2473.2	2480.7	2490.9	2493.3	2495.9	2503.5	2498.4
30°	2031.0	2288.8	2372.1	2382.3	2415.0	2420.1	2410.0	2415.0	2427.7	2432.7	2437.8
32.5°	1897.2	2142.2	2298.9	2321.6	2351.9	2336.8	2334.2	2341.8	2362.0	2362.0	2367.1
35°	1715.3	2028.5	2230.6	2250.8	2273.6	2255.9	2266.0	2268.5	2281.2	2288.8	2286.2
37.5°	1515.7	1930.0	2159.9	2175.1	2192.8	2170.0	2185.1	2192.8	2202.8	2197.8	2197.8
40°	1338.9	1776.0	2076.5	2086.7	2101.8	2084.1	2099.3	2104.3	2109.4	2104.3	2101.8
42.5°	1207.5	1606.7	1988.1	2000.7	1990.7	2003.3	2008.4	2018.4	2010.9	2000.7	2000.7
45°	1106.5	1561.1	1892.1	1907.3	1892.1	1912.4	1919.9	1919.9	1897.2	1892.1	1889.6
47.5°	1073.7	1470.2	1796.1	1796.1	1788.6	1813.8	1826.4	1808.8	1786.0	1778.4	1778.4
50°	1071.1	1369.2	1664.8	1654.6	1690.0	1720.3	1707.7	1690.0	1672.3	1644.5	1644.5
52.5°	972.6	1245.4	1495.5	1533.4	1589.0	1606.7	1586.5	1568.8	1538.5	1525.9	1515.7
55°	901.9	1116.6	1341.5	1417.2	1475.3	1498.1	1460.1	1442.5	1397.0	1389.5	1384.4
57.5°	886.7	929.6	1200.0	1296.0	1366.7	1364.1	1341.5	1308.6	1270.7	1263.1	1260.6
60°	813.5	672.0	1048.3	1162.0	1235.3	1227.7	1207.5	1177.2	1141.8	1136.8	1131.7
62.5°	737.6	487.6	876.6	1005.4	1109.0	1106.5	1088.8	1043.3	1018.0	1005.4	995.3
65°	626.5	409.3	624.0	836.2	985.3	990.2	952.4	919.6	891.8	876.6	874.1
67.5°	477.4	333.5	421.9	697.2	866.5	861.5	813.5	798.3	762.9	755.3	740.1
70°	353.6	222.3	293.0	565.9	750.3	737.6	699.8	682.1	649.2	631.5	621.4
72.5°	293.0	179.3	214.7	439.6	631.5	616.4	583.5	563.4	535.6	520.4	510.3
75°	237.5	189.5	164.2	325.9	512.8	502.8	472.4	452.2	429.4	409.3	411.7
77.5°	174.3	176.9	131.4	240.0	406.7	391.6	373.9	348.7	338.5	318.3	318.3
80°	131.4	138.9	98.6	164.2	293.0	293.0	277.9	260.2	242.5	232.4	232.4
82.5°	88.4	88.4	73.2	103.5	199.6	192.0	181.9	176.9	166.7	161.7	161.7
85°	40.4	50.5	45.5	63.2	108.6	113.7	113.7	108.6	106.1	101.0	103.5
87.5°	12.6	22.8	27.8	35.4	55.5	58.1	60.6	60.6	60.6	63.2	63.2
90°	3.9	7.1	10.2	11.0	17.3	25.7	29.9	26.6	20.0	15.0	15.0
92.5°	15.8	42.5	69.4	76.1	107.0	148.1	168.6	147.8	106.1	74.9	71.9
95°	37.9	86.9	135.9	148.2	263.1	416.3	493.0	440.0	333.8	254.2	245.2
97.5°	65.4	108.6	151.9	162.7	354.4	609.9	737.7	704.2	637.1	586.8	569.6
100°	86.7	125.9	165.1	174.9	387.7	671.2	813.0	815.5	820.3	824.0	803.5
102.5°	104.9	141.5	178.0	187.2	402.9	690.5	834.3	877.0	962.5	1026.6	1009.1
105°	135.6	166.5	197.6	205.3	414.2	692.7	831.9	927.7	1119.4	1263.1	1253.6
107.5°	167.1	196.0	224.9	232.1	416.2	661.8	784.6	918.2	1185.5	1386.0	1388.3
110°	188.3	214.4	240.6	247.1	413.2	634.5	745.2	894.6	1193.4	1417.5	1427.3



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	209.3	234.1	259.0	265.2	413.3	610.7	709.4	862.2	1168.0	1397.4	1412.5
115°	240.8	263.8	286.7	292.4	417.1	583.4	666.4	813.7	1108.3	1329.2	1350.1
117.5°	271.9	292.7	313.6	318.8	424.8	566.1	636.8	769.8	1035.6	1235.1	1258.2
120°	290.1	309.6	329.3	334.2	431.2	560.4	625.0	746.4	989.4	1171.6	1194.0
122.5°	307.7	327.5	347.3	352.3	440.1	557.3	616.0	725.3	944.1	1108.2	1130.4
125°	335.0	353.0	371.0	375.5	452.4	554.9	606.1	699.0	884.9	1024.3	1044.7
127.5°	357.1	375.2	393.4	398.0	464.6	553.4	597.8	677.6	837.2	956.9	974.1
130°	368.8	388.4	408.1	413.0	473.5	554.3	594.6	665.7	807.7	914.2	930.2
132.5°	381.1	400.7	420.4	425.2	480.8	554.9	592.0	655.5	782.7	878.0	892.2
135°	399.2	417.1	434.9	439.4	488.6	554.3	587.2	640.4	746.9	826.7	839.1
137.5°	417.8	435.5	453.1	457.5	500.5	557.7	586.4	631.4	721.5	789.0	799.0
140°	433.1	449.4	465.7	469.8	507.7	558.3	583.6	622.5	700.3	758.6	768.0
142.5°	444.9	459.9	475.0	478.8	513.8	560.3	583.6	617.8	686.1	737.4	745.5
145°	463.1	476.2	489.4	492.6	521.7	560.4	579.7	607.6	663.6	705.4	711.6
147.5°	481.2	494.0	506.8	509.9	533.2	564.2	579.7	601.7	645.6	678.6	683.6
150°	493.0	504.6	516.1	519.0	539.3	566.2	579.7	598.3	635.5	663.3	667.4
152.5°	505.2	514.0	522.7	524.9	543.2	567.6	579.7	595.6	627.2	651.0	654.2
155°	523.3	529.8	536.3	537.9	551.9	570.4	579.7	592.3	617.5	636.4	638.5
157.5°	536.7	543.0	549.3	550.9	560.5	573.3	579.7	589.5	609.1	623.8	625.2
160°	545.8	550.8	555.6	556.9	564.5	574.7	579.7	588.1	604.9	617.5	618.3
162.5°	554.9	558.6	562.2	563.2	568.7	576.1	579.7	586.8	601.0	611.6	612.4
165°	564.7	568.1	571.3	572.2	574.7	578.0	579.7	584.8	594.9	602.6	603.4
167.5°	573.8	575.3	576.9	577.3	579.4	582.2	583.6	587.0	593.7	598.6	599.0
170°	579.7	581.2	582.9	583.3	583.4	583.5	583.6	587.0	593.7	598.6	598.6
172.5°	582.9	583.3	583.5	583.6	583.6	583.6	583.6	586.3	591.6	595.5	595.2
175°	587.2	587.2	587.2	587.2	586.0	584.4	583.6	585.3	588.6	591.1	591.1
177.5°	587.2	587.2	587.2	587.2	586.2	585.0	584.4	585.7	588.3	590.3	589.9
180°	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2
2.5°	2738.4	2730.8	2738.4	2733.4	2735.9	2728.3	2705.6	2698.0	2705.6	2713.1	2713.1
5°	2771.3	2766.2	2771.3	2771.3	2768.8	2763.7	2738.4	2733.4	2738.4	2740.9	2735.9
7.5°	2781.4	2773.7	2781.4	2776.3	2776.3	2771.3	2746.0	2740.9	2743.4	2751.1	2743.4
10°	2781.4	2773.7	2781.4	2778.8	2776.3	2771.3	2746.0	2735.9	2735.9	2743.4	2735.9
12.5°	2768.8	2763.7	2768.8	2763.7	2763.7	2758.6	2733.4	2723.3	2725.7	2728.3	2718.2
15°	2748.5	2740.9	2748.5	2743.4	2746.0	2738.4	2710.6	2700.5	2700.5	2705.6	2687.9
17.5°	2718.2	2708.1	2718.2	2715.7	2713.1	2708.1	2682.8	2672.7	2670.2	2672.7	2660.1
20°	2682.8	2675.3	2682.8	2680.3	2680.3	2670.2	2645.0	2632.3	2632.3	2632.3	2619.6
22.5°	2627.3	2619.6	2627.3	2632.3	2632.3	2629.8	2607.0	2589.3	2584.3	2584.3	2569.2
25°	2564.1	2556.5	2564.1	2564.1	2561.6	2564.1	2556.5	2546.4	2538.8	2531.3	2516.1
27.5°	2503.5	2498.4	2503.5	2498.4	2503.5	2495.9	2493.3	2490.9	2480.7	2473.2	2452.9
30°	2442.9	2437.8	2442.9	2437.8	2432.7	2427.7	2415.0	2410.0	2420.1	2415.0	2382.3
32.5°	2367.1	2362.0	2367.1	2367.1	2362.0	2362.0	2341.8	2334.2	2336.8	2351.9	2321.6
35°	2288.8	2281.2	2288.8	2286.2	2288.8	2281.2	2268.5	2266.0	2255.9	2273.6	2250.8
37.5°	2197.8	2190.2	2197.8	2197.8	2197.8	2202.8	2192.8	2185.1	2170.0	2192.8	2175.1
40°	2104.3	2094.2	2104.3	2101.8	2104.3	2109.4	2104.3	2099.3	2084.1	2101.8	2086.7
42.5°	1998.2	1995.7	1998.2	2000.7	2000.7	2010.9	2018.4	2008.4	2003.3	1990.7	2000.7
45°	1884.6	1879.5	1884.6	1889.6	1892.1	1897.2	1919.9	1919.9	1912.4	1892.1	1907.3
47.5°	1763.2	1750.6	1763.2	1778.4	1778.4	1786.0	1808.8	1826.4	1813.8	1788.6	1796.1
50°	1634.5	1637.0	1634.5	1644.5	1644.5	1672.3	1690.0	1707.7	1720.3	1690.0	1654.6
52.5°	1508.2	1505.6	1508.2	1515.7	1525.9	1538.5	1568.8	1586.5	1606.7	1589.0	1533.4
55°	1381.8	1386.9	1381.8	1384.4	1389.5	1397.0	1442.5	1460.1	1498.1	1475.3	1417.2
57.5°	1255.5	1248.0	1255.5	1260.6	1263.1	1270.7	1308.6	1341.5	1364.1	1366.7	1296.0
60°	1109.0	1098.9	1109.0	1131.7	1136.8	1141.8	1177.2	1207.5	1227.7	1235.3	1162.0
62.5°	980.2	962.5	980.2	995.3	1005.4	1018.0	1043.3	1088.8	1106.5	1109.0	1005.4
65°	843.8	836.2	843.8	874.1	876.6	891.8	919.6	952.4	990.2	985.3	836.2
67.5°	720.0	720.0	720.0	740.1	755.3	762.9	798.3	813.5	861.5	866.5	697.2
70°	606.3	603.8	606.3	621.4	631.5	649.2	682.1	699.8	737.6	750.3	565.9
72.5°	497.7	495.1	497.7	510.3	520.4	535.6	563.4	583.5	616.4	631.5	439.6
75°	401.7	396.6	401.7	411.7	409.3	429.4	452.2	472.4	502.8	512.8	325.9
77.5°	308.2	308.2	308.2	318.3	318.3	338.5	348.7	373.9	391.6	406.7	240.0
80°	229.9	227.3	229.9	232.4	232.4	242.5	260.2	277.9	293.0	293.0	164.2
82.5°	161.7	156.6	161.7	161.7	161.7	166.7	176.9	181.9	192.0	199.6	103.5
85°	101.0	101.0	101.0	103.5	101.0	106.1	108.6	113.7	113.7	108.6	63.2
87.5°	65.7	63.2	65.7	63.2	63.2	60.6	60.6	60.6	58.1	55.5	35.4
90°	15.0	15.0	15.0	15.0	15.0	20.0	26.6	29.9	25.7	17.3	11.0
92.5°	59.9	48.1	59.9	71.9	74.9	106.1	147.8	168.6	148.1	107.0	76.1
95°	209.1	173.0	209.1	245.2	254.2	333.8	440.0	493.0	416.3	263.1	148.2
97.5°	500.9	432.3	500.9	569.6	586.8	637.1	704.2	737.7	609.9	354.4	162.7
100°	721.8	639.9	721.8	803.5	824.0	820.3	815.5	813.0	671.2	387.7	174.9
102.5°	939.0	868.9	939.0	1009.1	1026.6	962.5	877.0	834.3	690.5	402.9	187.2
105°	1215.9	1178.3	1215.9	1253.6	1263.1	1119.4	927.7	831.9	692.7	414.2	205.3
107.5°	1397.4	1406.5	1397.4	1388.3	1386.0	1185.5	918.2	784.6	661.8	416.2	232.1
110°	1466.5	1505.8	1466.5	1427.3	1417.5	1193.4	894.6	745.2	634.5	413.2	247.1



TEST NUMBER: P934412

CATALOG NUMBER: SQ4-FA-050U-100D-830-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1472.7	1532.9	1472.7	1412.5	1397.4	1168.0	862.2	709.4	610.7	413.3	265.2
115°	1433.6	1517.2	1433.6	1350.1	1329.2	1108.3	813.7	666.4	583.4	417.1	292.4
117.5°	1350.9	1443.6	1350.9	1258.2	1235.1	1035.6	769.8	636.8	566.1	424.8	318.8
120°	1284.1	1374.2	1284.1	1194.0	1171.6	989.4	746.4	625.0	560.4	431.2	334.2
122.5°	1219.2	1308.0	1219.2	1130.4	1108.2	944.1	725.3	616.0	557.3	440.1	352.3
125°	1126.5	1208.3	1126.5	1044.7	1024.3	884.9	699.0	606.1	554.9	452.4	375.5
127.5°	1043.1	1112.1	1043.1	974.1	956.9	837.2	677.6	597.8	553.4	464.6	398.0
130°	994.0	1057.7	994.0	930.2	914.2	807.7	665.7	594.6	554.3	473.5	413.0
132.5°	949.4	1006.5	949.4	892.2	878.0	782.7	655.5	592.0	554.9	480.8	425.2
135°	888.3	937.5	888.3	839.1	826.7	746.9	640.4	587.2	554.3	488.6	439.4
137.5°	839.4	879.6	839.4	799.0	789.0	721.5	631.4	586.4	557.7	500.5	457.5
140°	805.6	843.3	805.6	768.0	758.6	700.3	622.5	583.6	558.3	507.7	469.8
142.5°	777.8	810.2	777.8	745.5	737.4	686.1	617.8	583.6	560.3	513.8	478.8
145°	736.1	760.6	736.1	711.6	705.4	663.6	607.6	579.7	560.4	521.7	492.6
147.5°	704.0	724.4	704.0	683.6	678.6	645.6	601.7	579.7	564.2	533.2	509.9
150°	683.8	700.3	683.8	667.4	663.3	635.5	598.3	579.7	566.2	539.3	519.0
152.5°	666.6	679.0	666.6	654.2	651.0	627.2	595.6	579.7	567.6	543.2	524.9
155°	646.7	655.0	646.7	638.5	636.4	617.5	592.3	579.7	570.4	551.9	537.9
157.5°	631.1	636.8	631.1	625.2	623.8	609.1	589.5	579.7	573.3	560.5	550.9
160°	621.7	625.0	621.7	618.3	617.5	604.9	588.1	579.7	574.7	564.5	556.9
162.5°	615.6	618.7	615.6	612.4	611.6	601.0	586.8	579.7	576.1	568.7	563.2
165°	606.7	610.0	606.7	603.4	602.6	594.9	584.8	579.7	578.0	574.7	572.2
167.5°	600.4	601.8	600.4	599.0	598.6	593.7	587.0	583.6	582.2	579.4	577.3
170°	598.6	598.6	598.6	598.6	598.6	593.7	587.0	583.6	583.5	583.4	583.3
172.5°	594.0	592.7	594.0	595.2	595.5	591.6	586.3	583.6	583.6	583.6	583.6
175°	591.1	591.1	591.1	591.1	591.1	588.6	585.3	583.6	584.4	586.0	587.2
177.5°	588.6	587.2	588.6	589.9	590.3	588.3	585.7	584.4	585.0	586.2	587.2
180°	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2



TEST NUMBER: P934412

CATALOG NUMBER: SQ4-FA-050U-100D-830-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2
2.5°	2708.1	2693.0	2693.0	2667.7	2657.6	2650.0	2637.3	2599.5	2589.3	2579.3	2594.4
5°	2730.8	2703.0	2682.8	2637.3	2599.5	2584.3	2536.3	2445.4	2384.7	2339.2	2314.0
7.5°	2735.9	2700.5	2662.7	2591.9	2500.9	2460.6	2314.0	2147.3	2101.8	2061.4	2036.1
10°	2730.8	2690.4	2637.3	2531.3	2316.5	2245.8	2099.3	1990.7	1962.9	1955.3	1962.9
12.5°	2713.1	2675.3	2601.9	2425.2	2124.5	2076.5	1990.7	1927.5	1922.4	1935.0	2003.3
15°	2682.8	2647.5	2561.6	2283.7	2018.4	1983.0	1922.4	1899.7	1927.5	2015.9	2220.5
17.5°	2652.5	2612.1	2506.0	2144.8	1937.6	1912.4	1869.4	1914.9	2071.5	2190.2	2258.5
20°	2612.1	2564.1	2442.9	2043.7	1879.5	1856.7	1836.6	2041.2	2159.9	2202.8	2240.8
22.5°	2564.1	2513.6	2356.9	1973.0	1818.9	1801.2	1813.8	2111.9	2159.9	2190.2	2223.1
25°	2500.9	2458.0	2255.9	1917.4	1770.9	1750.6	1798.6	2104.3	2132.1	2139.7	2205.4
27.5°	2442.9	2387.2	2149.8	1866.9	1712.8	1705.2	1811.3	2071.5	2091.7	2099.3	2170.0
30°	2372.1	2288.8	2031.0	1813.8	1652.2	1649.6	1813.8	2031.0	2026.1	2046.2	2117.0
32.5°	2298.9	2142.2	1897.2	1748.1	1594.0	1591.5	1796.1	1970.4	1965.3	1993.2	2046.2
35°	2230.6	2028.5	1715.3	1672.3	1520.8	1523.3	1753.2	1899.7	1902.2	1927.5	1960.4
37.5°	2159.9	1930.0	1515.7	1589.0	1450.1	1450.1	1695.1	1834.0	1829.0	1836.6	1882.0
40°	2076.5	1776.0	1338.9	1480.4	1384.4	1376.7	1624.3	1763.2	1745.6	1743.1	1806.3
42.5°	1988.1	1606.7	1207.5	1336.4	1308.6	1298.4	1538.5	1677.4	1644.5	1652.2	1732.9
45°	1892.1	1561.1	1106.5	1129.2	1230.3	1222.7	1445.0	1578.8	1556.2	1576.3	1659.7
47.5°	1796.1	1470.2	1073.7	937.3	1146.9	1144.3	1341.5	1482.9	1470.2	1490.5	1578.8
50°	1664.8	1369.2	1071.1	803.3	1053.4	1063.6	1217.7	1389.5	1389.5	1407.1	1500.5
52.5°	1495.5	1245.4	972.6	727.5	944.8	975.1	1109.0	1308.6	1313.6	1331.3	1414.7
55°	1341.5	1116.6	901.9	669.5	815.9	881.6	1002.9	1225.2	1235.3	1253.0	1328.7
57.5°	1200.0	929.6	886.7	601.2	697.2	760.4	909.4	1144.3	1149.4	1164.6	1237.8
60°	1048.3	672.0	813.5	528.0	593.7	641.7	823.5	1048.3	1066.0	1076.2	1139.4
62.5°	876.6	487.6	737.6	477.4	543.1	553.2	752.8	957.4	980.2	987.7	1025.6
65°	624.0	409.3	626.5	434.5	490.0	492.6	677.0	863.9	884.2	896.8	924.5
67.5°	421.9	333.5	477.4	394.1	449.7	452.2	603.8	755.3	783.2	793.2	810.9
70°	293.0	222.3	353.6	351.1	404.2	409.3	525.4	656.8	682.1	689.7	699.8
72.5°	214.7	179.3	293.0	315.8	356.2	361.3	444.6	545.7	570.9	578.5	583.5
75°	164.2	189.5	237.5	275.3	303.1	305.6	363.8	444.6	462.3	467.4	469.9
77.5°	131.4	176.9	174.3	222.3	247.6	242.5	285.5	343.6	358.7	358.7	358.7
80°	98.6	138.9	131.4	159.2	181.9	176.9	204.6	245.0	250.1	255.2	252.6
82.5°	73.2	88.4	88.4	101.0	121.2	116.2	136.4	159.2	159.2	159.2	164.2
85°	45.5	50.5	40.4	53.1	68.2	65.7	75.8	85.8	88.4	88.4	83.4
87.5°	27.8	22.8	12.6	20.2	30.3	30.3	35.4	37.9	35.4	35.4	35.4
90°	10.2	7.1	3.9	7.1	10.2	11.0	17.3	25.7	29.9	26.6	20.0
92.5°	69.4	42.5	15.8	42.5	69.4	76.1	107.0	148.1	168.6	147.8	106.1
95°	135.9	86.9	37.9	86.9	135.9	148.2	263.1	416.3	493.0	440.0	333.8
97.5°	151.9	108.6	65.4	108.6	151.9	162.7	354.4	609.9	737.7	704.2	637.1
100°	165.1	125.9	86.7	125.9	165.1	174.9	387.7	671.2	813.0	815.5	820.3
102.5°	178.0	141.5	104.9	141.5	178.0	187.2	402.9	690.5	834.3	877.0	962.5
105°	197.6	166.5	135.6	166.5	197.6	205.3	414.2	692.7	831.9	927.7	1119.4
107.5°	224.9	196.0	167.1	196.0	224.9	232.1	416.2	661.8	784.6	918.2	1185.5
110°	240.6	214.4	188.3	214.4	240.6	247.1	413.2	634.5	745.2	894.6	1193.4



TEST NUMBER: P934412

CATALOG NUMBER: SQ4-FA-050U-100D-830-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	259.0	234.1	209.3	234.1	259.0	265.2	413.3	610.7	709.4	862.2	1168.0
115°	286.7	263.8	240.8	263.8	286.7	292.4	417.1	583.4	666.4	813.7	1108.3
117.5°	313.6	292.7	271.9	292.7	313.6	318.8	424.8	566.1	636.8	769.8	1035.6
120°	329.3	309.6	290.1	309.6	329.3	334.2	431.2	560.4	625.0	746.4	989.4
122.5°	347.3	327.5	307.7	327.5	347.3	352.3	440.1	557.3	616.0	725.3	944.1
125°	371.0	353.0	335.0	353.0	371.0	375.5	452.4	554.9	606.1	699.0	884.9
127.5°	393.4	375.2	357.1	375.2	393.4	398.0	464.6	553.4	597.8	677.6	837.2
130°	408.1	388.4	368.8	388.4	408.1	413.0	473.5	554.3	594.6	665.7	807.7
132.5°	420.4	400.7	381.1	400.7	420.4	425.2	480.8	554.9	592.0	655.5	782.7
135°	434.9	417.1	399.2	417.1	434.9	439.4	488.6	554.3	587.2	640.4	746.9
137.5°	453.1	435.5	417.8	435.5	453.1	457.5	500.5	557.7	586.4	631.4	721.5
140°	465.7	449.4	433.1	449.4	465.7	469.8	507.7	558.3	583.6	622.5	700.3
142.5°	475.0	459.9	444.9	459.9	475.0	478.8	513.8	560.3	583.6	617.8	686.1
145°	489.4	476.2	463.1	476.2	489.4	492.6	521.7	560.4	579.7	607.6	663.6
147.5°	506.8	494.0	481.2	494.0	506.8	509.9	533.2	564.2	579.7	601.7	645.6
150°	516.1	504.6	493.0	504.6	516.1	519.0	539.3	566.2	579.7	598.3	635.5
152.5°	522.7	514.0	505.2	514.0	522.7	524.9	543.2	567.6	579.7	595.6	627.2
155°	536.3	529.8	523.3	529.8	536.3	537.9	551.9	570.4	579.7	592.3	617.5
157.5°	549.3	543.0	536.7	543.0	549.3	550.9	560.5	573.3	579.7	589.5	609.1
160°	555.6	550.8	545.8	550.8	555.6	556.9	564.5	574.7	579.7	588.1	604.9
162.5°	562.2	558.6	554.9	558.6	562.2	563.2	568.7	576.1	579.7	586.8	601.0
165°	571.3	568.1	564.7	568.1	571.3	572.2	574.7	578.0	579.7	584.8	594.9
167.5°	576.9	575.3	573.8	575.3	576.9	577.3	579.4	582.2	583.6	587.0	593.7
170°	582.9	581.2	579.7	581.2	582.9	583.3	583.4	583.5	583.6	587.0	593.7
172.5°	583.5	583.3	582.9	583.3	583.5	583.6	583.6	583.6	583.6	586.3	591.6
175°	587.2	587.2	587.2	587.2	587.2	587.2	586.0	584.4	583.6	585.3	588.6
177.5°	587.2	587.2	587.2	587.2	587.2	587.2	586.2	585.0	584.4	585.7	588.3
180°	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2



TEST NUMBER: P934412
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2
2.5°	2576.7	2569.2	2579.3	2551.5	2579.3	2569.2	2576.7	2594.4	2579.3	2589.3	2599.5
5°	2260.9	2248.3	2207.9	2175.1	2207.9	2248.3	2260.9	2314.0	2339.2	2384.7	2445.4
7.5°	2021.0	2010.9	2000.7	1980.5	2000.7	2010.9	2021.0	2036.1	2061.4	2101.8	2147.3
10°	1967.9	1970.4	1985.6	1983.0	1985.6	1970.4	1967.9	1962.9	1955.3	1962.9	1990.7
12.5°	2104.3	2127.1	2210.5	2205.4	2210.5	2127.1	2104.3	2003.3	1935.0	1922.4	1927.5
15°	2260.9	2268.5	2286.2	2288.8	2286.2	2268.5	2260.9	2220.5	2015.9	1927.5	1899.7
17.5°	2276.1	2278.6	2291.2	2291.2	2291.2	2278.6	2276.1	2258.5	2190.2	2071.5	1914.9
20°	2263.5	2268.5	2293.8	2298.9	2293.8	2268.5	2263.5	2240.8	2202.8	2159.9	2041.2
22.5°	2258.5	2268.5	2288.8	2286.2	2288.8	2268.5	2258.5	2223.1	2190.2	2159.9	2111.9
25°	2233.1	2233.1	2235.7	2238.2	2235.7	2233.1	2233.1	2205.4	2139.7	2132.1	2104.3
27.5°	2180.2	2185.1	2200.3	2197.8	2200.3	2185.1	2180.2	2170.0	2099.3	2091.7	2071.5
30°	2132.1	2127.1	2114.4	2104.3	2114.4	2127.1	2132.1	2117.0	2046.2	2026.1	2031.0
32.5°	2051.3	2038.7	2026.1	2018.4	2026.1	2038.7	2051.3	2046.2	1993.2	1965.3	1970.4
35°	1955.3	1957.8	1955.3	1947.7	1955.3	1957.8	1955.3	1960.4	1927.5	1902.2	1899.7
37.5°	1887.0	1892.1	1889.6	1879.5	1889.6	1892.1	1887.0	1882.0	1836.6	1829.0	1834.0
40°	1816.3	1818.9	1816.3	1808.8	1816.3	1818.9	1816.3	1806.3	1743.1	1745.6	1763.2
42.5°	1748.1	1745.6	1738.0	1732.9	1738.0	1745.6	1748.1	1732.9	1652.2	1644.5	1677.4
45°	1669.8	1672.3	1657.2	1649.6	1657.2	1672.3	1669.8	1659.7	1576.3	1556.2	1578.8
47.5°	1591.5	1591.5	1578.8	1571.3	1578.8	1591.5	1591.5	1578.8	1490.5	1470.2	1482.9
50°	1508.2	1505.6	1487.9	1485.4	1487.9	1505.6	1508.2	1500.5	1407.1	1389.5	1389.5
52.5°	1412.1	1412.1	1414.7	1419.8	1414.7	1412.1	1412.1	1414.7	1331.3	1313.6	1308.6
55°	1328.7	1331.3	1349.0	1354.1	1349.0	1331.3	1328.7	1328.7	1253.0	1235.3	1225.2
57.5°	1242.9	1242.9	1255.5	1255.5	1255.5	1242.9	1242.9	1237.8	1164.6	1149.4	1144.3
60°	1144.3	1149.4	1159.5	1157.0	1159.5	1149.4	1144.3	1139.4	1076.2	1066.0	1048.3
62.5°	1040.8	1045.9	1048.3	1043.3	1048.3	1045.9	1040.8	1025.6	987.7	980.2	957.4
65°	932.2	937.3	939.7	934.7	939.7	937.3	932.2	924.5	896.8	884.2	863.9
67.5°	821.0	818.5	815.9	826.1	815.9	818.5	821.0	810.9	793.2	783.2	755.3
70°	707.3	707.3	704.8	709.8	704.8	707.3	707.3	699.8	689.7	682.1	656.8
72.5°	586.1	583.5	593.7	586.1	593.7	583.5	586.1	583.5	578.5	570.9	545.7
75°	467.4	472.4	467.4	474.9	467.4	472.4	467.4	469.9	467.4	462.3	444.6
77.5°	356.2	361.3	356.2	356.2	356.2	361.3	356.2	358.7	358.7	358.7	343.6
80°	252.6	250.1	250.1	247.6	250.1	250.1	252.6	252.6	255.2	250.1	245.0
82.5°	161.7	159.2	159.2	164.2	159.2	159.2	161.7	164.2	159.2	159.2	159.2
85°	88.4	90.9	85.8	85.8	85.8	90.9	88.4	83.4	88.4	88.4	85.8
87.5°	32.9	30.3	30.3	30.3	30.3	30.3	32.9	35.4	35.4	35.4	37.9
90°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	20.0	26.6	29.9	25.7
92.5°	74.9	71.9	59.9	48.1	59.9	71.9	74.9	106.1	147.8	168.6	148.1
95°	254.2	245.2	209.1	173.0	209.1	245.2	254.2	333.8	440.0	493.0	416.3
97.5°	586.8	569.6	500.9	432.3	500.9	569.6	586.8	637.1	704.2	737.7	609.9
100°	824.0	803.5	721.8	639.9	721.8	803.5	824.0	820.3	815.5	813.0	671.2
102.5°	1026.6	1009.1	939.0	868.9	939.0	1009.1	1026.6	962.5	877.0	834.3	690.5
105°	1263.1	1253.6	1215.9	1178.3	1215.9	1253.6	1263.1	1119.4	927.7	831.9	692.7
107.5°	1386.0	1388.3	1397.4	1406.5	1397.4	1388.3	1386.0	1185.5	918.2	784.6	661.8
110°	1417.5	1427.3	1466.5	1505.8	1466.5	1427.3	1417.5	1193.4	894.6	745.2	634.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1397.4	1412.5	1472.7	1532.9	1472.7	1412.5	1397.4	1168.0	862.2	709.4	610.7
115°	1329.2	1350.1	1433.6	1517.2	1433.6	1350.1	1329.2	1108.3	813.7	666.4	583.4
117.5°	1235.1	1258.2	1350.9	1443.6	1350.9	1258.2	1235.1	1035.6	769.8	636.8	566.1
120°	1171.6	1194.0	1284.1	1374.2	1284.1	1194.0	1171.6	989.4	746.4	625.0	560.4
122.5°	1108.2	1130.4	1219.2	1308.0	1219.2	1130.4	1108.2	944.1	725.3	616.0	557.3
125°	1024.3	1044.7	1126.5	1208.3	1126.5	1044.7	1024.3	884.9	699.0	606.1	554.9
127.5°	956.9	974.1	1043.1	1112.1	1043.1	974.1	956.9	837.2	677.6	597.8	553.4
130°	914.2	930.2	994.0	1057.7	994.0	930.2	914.2	807.7	665.7	594.6	554.3
132.5°	878.0	892.2	949.4	1006.5	949.4	892.2	878.0	782.7	655.5	592.0	554.9
135°	826.7	839.1	888.3	937.5	888.3	839.1	826.7	746.9	640.4	587.2	554.3
137.5°	789.0	799.0	839.4	879.6	839.4	799.0	789.0	721.5	631.4	586.4	557.7
140°	758.6	768.0	805.6	843.3	805.6	768.0	758.6	700.3	622.5	583.6	558.3
142.5°	737.4	745.5	777.8	810.2	777.8	745.5	737.4	686.1	617.8	583.6	560.3
145°	705.4	711.6	736.1	760.6	736.1	711.6	705.4	663.6	607.6	579.7	560.4
147.5°	678.6	683.6	704.0	724.4	704.0	683.6	678.6	645.6	601.7	579.7	564.2
150°	663.3	667.4	683.8	700.3	683.8	667.4	663.3	635.5	598.3	579.7	566.2
152.5°	651.0	654.2	666.6	679.0	666.6	654.2	651.0	627.2	595.6	579.7	567.6
155°	636.4	638.5	646.7	655.0	646.7	638.5	636.4	617.5	592.3	579.7	570.4
157.5°	623.8	625.2	631.1	636.8	631.1	625.2	623.8	609.1	589.5	579.7	573.3
160°	617.5	618.3	621.7	625.0	621.7	618.3	617.5	604.9	588.1	579.7	574.7
162.5°	611.6	612.4	615.6	618.7	615.6	612.4	611.6	601.0	586.8	579.7	576.1
165°	602.6	603.4	606.7	610.0	606.7	603.4	602.6	594.9	584.8	579.7	578.0
167.5°	598.6	599.0	600.4	601.8	600.4	599.0	598.6	593.7	587.0	583.6	582.2
170°	598.6	598.6	598.6	598.6	598.6	598.6	598.6	593.7	587.0	583.6	583.5
172.5°	595.5	595.2	594.0	592.7	594.0	595.2	595.5	591.6	586.3	583.6	583.6
175°	591.1	591.1	591.1	591.1	591.1	591.1	591.1	588.6	585.3	583.6	584.4
177.5°	590.3	589.9	588.6	587.2	588.6	589.9	590.3	588.3	585.7	584.4	585.0
180°	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2



TEST NUMBER: P934412

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2670.2	2670.2	2670.2	2670.2	2670.2
2.5°	2637.3	2650.0	2657.6	2667.7	2693.0
5°	2536.3	2584.3	2599.5	2637.3	2682.8
7.5°	2314.0	2460.6	2500.9	2591.9	2662.7
10°	2099.3	2245.8	2316.5	2531.3	2637.3
12.5°	1990.7	2076.5	2124.5	2425.2	2601.9
15°	1922.4	1983.0	2018.4	2283.7	2561.6
17.5°	1869.4	1912.4	1937.6	2144.8	2506.0
20°	1836.6	1856.7	1879.5	2043.7	2442.9
22.5°	1813.8	1801.2	1818.9	1973.0	2356.9
25°	1798.6	1750.6	1770.9	1917.4	2255.9
27.5°	1811.3	1705.2	1712.8	1866.9	2149.8
30°	1813.8	1649.6	1652.2	1813.8	2031.0
32.5°	1796.1	1591.5	1594.0	1748.1	1897.2
35°	1753.2	1523.3	1520.8	1672.3	1715.3
37.5°	1695.1	1450.1	1450.1	1589.0	1515.7
40°	1624.3	1376.7	1384.4	1480.4	1338.9
42.5°	1538.5	1298.4	1308.6	1336.4	1207.5
45°	1445.0	1222.7	1230.3	1129.2	1106.5
47.5°	1341.5	1144.3	1146.9	937.3	1073.7
50°	1217.7	1063.6	1053.4	803.3	1071.1
52.5°	1109.0	975.1	944.8	727.5	972.6
55°	1002.9	881.6	815.9	669.5	901.9
57.5°	909.4	760.4	697.2	601.2	886.7
60°	823.5	641.7	593.7	528.0	813.5
62.5°	752.8	553.2	543.1	477.4	737.6
65°	677.0	492.6	490.0	434.5	626.5
67.5°	603.8	452.2	449.7	394.1	477.4
70°	525.4	409.3	404.2	351.1	353.6
72.5°	444.6	361.3	356.2	315.8	293.0
75°	363.8	305.6	303.1	275.3	237.5
77.5°	285.5	242.5	247.6	222.3	174.3
80°	204.6	176.9	181.9	159.2	131.4
82.5°	136.4	116.2	121.2	101.0	88.4
85°	75.8	65.7	68.2	53.1	40.4
87.5°	35.4	30.3	30.3	20.2	12.6
90°	17.3	11.0	10.2	7.1	3.9
92.5°	107.0	76.1	69.4	42.5	15.8
95°	263.1	148.2	135.9	86.9	37.9
97.5°	354.4	162.7	151.9	108.6	65.4
100°	387.7	174.9	165.1	125.9	86.7
102.5°	402.9	187.2	178.0	141.5	104.9
105°	414.2	205.3	197.6	166.5	135.6
107.5°	416.2	232.1	224.9	196.0	167.1
110°	413.2	247.1	240.6	214.4	188.3



TEST NUMBER: P934412

CATALOG NUMBER: SQ4-FA-050U-100D-830-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	413.3	265.2	259.0	234.1	209.3
115°	417.1	292.4	286.7	263.8	240.8
117.5°	424.8	318.8	313.6	292.7	271.9
120°	431.2	334.2	329.3	309.6	290.1
122.5°	440.1	352.3	347.3	327.5	307.7
125°	452.4	375.5	371.0	353.0	335.0
127.5°	464.6	398.0	393.4	375.2	357.1
130°	473.5	413.0	408.1	388.4	368.8
132.5°	480.8	425.2	420.4	400.7	381.1
135°	488.6	439.4	434.9	417.1	399.2
137.5°	500.5	457.5	453.1	435.5	417.8
140°	507.7	469.8	465.7	449.4	433.1
142.5°	513.8	478.8	475.0	459.9	444.9
145°	521.7	492.6	489.4	476.2	463.1
147.5°	533.2	509.9	506.8	494.0	481.2
150°	539.3	519.0	516.1	504.6	493.0
152.5°	543.2	524.9	522.7	514.0	505.2
155°	551.9	537.9	536.3	529.8	523.3
157.5°	560.5	550.9	549.3	543.0	536.7
160°	564.5	556.9	555.6	550.8	545.8
162.5°	568.7	563.2	562.2	558.6	554.9
165°	574.7	572.2	571.3	568.1	564.7
167.5°	579.4	577.3	576.9	575.3	573.8
170°	583.4	583.3	582.9	581.2	579.7
172.5°	583.6	583.6	583.5	583.3	582.9
175°	586.0	587.2	587.2	587.2	587.2
177.5°	586.2	587.2	587.2	587.2	587.2
180°	587.2	587.2	587.2	587.2	587.2



TEST NUMBER: P934412
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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.79	15.80	15.62	16.65	17.70	17.63	18.64	18.45	19.49	20.53
	3H	15.28	16.19	16.12	17.04	18.12	18.99	19.90	19.83	20.75	21.83
	4H	15.48	16.34	16.33	17.20	18.28	19.44	20.30	20.30	21.16	22.25
	6H	15.61	16.40	16.47	17.26	18.36	19.74	20.53	20.60	21.39	22.49
	8H	15.61	16.36	16.48	17.25	18.35	19.82	20.57	20.69	21.46	22.55
	12H	15.59	16.30	16.47	17.18	18.31	19.86	20.58	20.74	21.46	22.58
4H	2H	15.85	16.70	16.70	17.56	18.65	18.06	18.91	18.91	19.77	20.86
	3H	16.89	17.60	17.76	18.49	19.59	19.58	20.29	20.45	21.19	22.29
	4H	17.17	17.82	18.05	18.71	19.84	20.12	20.77	21.00	21.66	22.78
	6H	17.30	17.86	18.20	18.78	19.91	20.49	21.05	21.39	21.97	23.10
	8H	17.31	17.84	18.21	18.74	19.89	20.60	21.13	21.50	22.04	23.18
	12H	17.29	17.76	18.20	18.69	19.84	20.67	21.14	21.59	22.07	23.22
8H	4H	17.64	18.16	18.53	19.07	20.21	20.25	20.78	21.15	21.69	22.83
	6H	17.90	18.34	18.83	19.29	20.43	20.70	21.13	21.62	22.08	23.22
	8H	17.95	18.33	18.88	19.27	20.44	20.85	21.24	21.79	22.18	23.34
	12H	17.94	18.28	18.88	19.21	20.42	20.96	21.30	21.90	22.23	23.44
12H	4H	17.65	18.12	18.57	19.05	20.20	20.22	20.70	21.14	21.62	22.77
	6H	17.97	18.35	18.90	19.29	20.45	20.70	21.08	21.63	22.02	23.18
	8H	18.04	18.38	18.98	19.31	20.52	20.87	21.20	21.80	22.14	23.35