

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: P934373

Luminaire Tested: SQ4-FA-050U-075D-940-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934373
REPORT IS A COMBINATION OF REPORTS P933693 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-075D-940-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

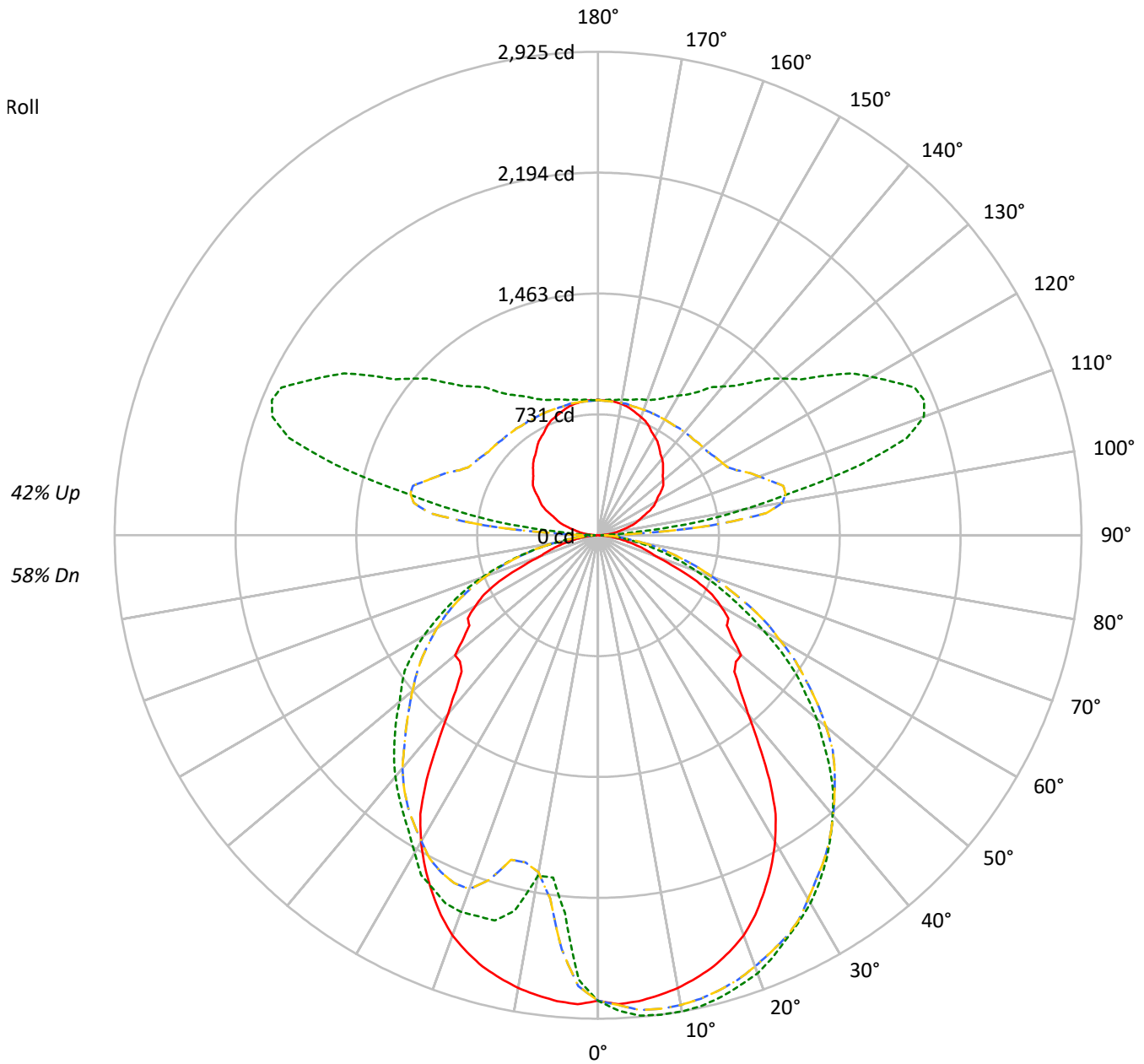
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12607.7 lumens
Efficiency: N/A
Efficacy: 115.5 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: General Diffuse

Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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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				
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	109	109	109	109	102	102	102	102	88	88	88	75	75	75	63	63	63	58			58
1	100	95	91	88	93	89	86	83	77	75	72	66	64	63	56	55	54	49			49
2	91	83	77	72	84	78	72	68	68	63	60	58	55	52	49	47	45	41			41
3	83	73	66	60	77	68	62	57	60	55	50	51	48	44	44	41	39	35			35
4	76	65	57	51	70	61	54	48	53	47	43	46	41	38	39	36	33	30			30
5	70	58	49	43	65	54	47	41	47	42	37	41	37	33	35	32	29	26			26
6	64	52	44	38	60	49	41	36	43	37	32	37	32	29	32	28	25	23			23
7	59	47	39	33	55	44	37	31	39	33	28	34	29	25	29	25	23	20			20
8	55	42	35	29	51	40	33	28	35	29	25	31	26	23	27	23	20	18			18
9	51	39	31	26	48	37	30	25	32	27	23	28	24	20	25	21	18	16			16
10	48	36	28	23	45	34	27	22	30	24	20	26	22	18	23	19	17	15			15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8710	8710	8710	8710
5°	8778	8792	8778	6913
10°	8723	8661	8723	6192
15°	8631	8473	8631	7075
20°	8454	8251	8454	7090
25°	8088	7927	8088	6940
30°	7613	7657	7613	6610
35°	6791	7317	6791	6247
40°	5661	6916	5661	5973
45°	5062	6447	5062	5658
50°	5382	5887	5382	5342
55°	5068	5284	5068	5159
60°	5231	4488	5231	4725
65°	4751	3710	4751	4147
70°	3298	2957	3298	3476
75°	2902	2185	2902	2617
80°	2356	1445	2356	1574
85°	1380	766	1380	651

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7753 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	254.2	2.0
10°-20°	721.7	5.7
20°-30°	1115.6	8.8
30°-40°	1331.8	10.6
40°-50°	1339.6	10.6
50°-60°	1165.6	9.2
60°-70°	826.4	6.6
70°-80°	437.2	3.5
80°-90°	112.0	0.9
90°-100°	398.8	3.2
100°-110°	1048.4	8.3
110°-120°	1087.1	8.6
120°-130°	872.0	6.9
130°-140°	684.2	5.4
140°-150°	525.2	4.2
150°-160°	378.2	3.0
160°-170°	231.4	1.8
170°-180°	78.2	0.6
0°-30°	2091.5	16.6
0°-40°	3423.3	27.2
0°-60°	5928.5	47.0
0°-90°	7304.2	57.9
90°-120°	2534.3	20.1
90°-150°	4615.7	36.6
90°-180°	5304.0	42.1
0°-180°	12607.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2816	2816	2816	2816	2816	
5°	2829	2917	2829	2294	2829	268
15°	2701	2890	2701	2414	2701	760
25°	2379	2696	2379	2360	2379	1092
35°	1809	2406	1809	2054	1809	1119
45°	1167	1982	1167	1740	1167	935
55°	951	1462	951	1428	951	874
65°	661	882	661	986	661	631
75°	250	418	250	501	250	263
85°	43	107	43	91	43	58
90°	6	21	6	21	6	6
95°	53	241	53	241	53	59
105°	189	1642	189	1642	189	200
115°	336	2114	336	2114	336	331
125°	467	1684	467	1684	467	414
135°	556	1306	556	1306	556	430
145°	645	1060	645	1060	645	404
155°	729	913	729	913	729	335
165°	787	850	787	850	787	222
175°	818	824	818	824	818	78
180°	818	818	818	818	818	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9
2.5°	2839.9	2839.9	2855.9	2861.2	2861.2	2853.2	2845.2	2853.2	2877.2	2885.2	2882.5
5°	2829.3	2850.6	2879.9	2885.2	2890.5	2887.9	2882.5	2887.9	2914.5	2919.8	2922.5
7.5°	2807.9	2847.9	2885.2	2893.2	2901.2	2893.2	2890.5	2895.9	2922.5	2927.8	2927.8
10°	2781.3	2837.2	2879.9	2885.2	2893.2	2885.2	2885.2	2895.9	2922.5	2927.8	2930.5
12.5°	2744.0	2821.3	2861.2	2866.6	2877.2	2874.5	2871.9	2882.5	2909.2	2914.5	2914.5
15°	2701.4	2792.0	2829.3	2834.6	2853.2	2847.9	2847.9	2858.6	2887.9	2895.9	2893.2
17.5°	2642.8	2754.7	2797.3	2805.3	2818.6	2815.9	2818.6	2829.3	2855.9	2861.2	2863.9
20°	2576.2	2704.0	2754.7	2762.7	2776.0	2776.0	2776.0	2789.3	2815.9	2826.6	2826.6
22.5°	2485.6	2650.8	2704.0	2709.4	2725.4	2725.4	2730.7	2749.3	2773.3	2776.0	2776.0
25°	2379.0	2592.2	2637.4	2653.4	2669.4	2677.4	2685.4	2696.1	2704.0	2701.4	2704.0
27.5°	2267.1	2517.6	2576.2	2586.8	2608.1	2616.1	2626.8	2629.5	2632.1	2640.1	2634.8
30°	2141.9	2413.7	2501.6	2512.2	2546.9	2552.2	2541.5	2546.9	2560.2	2565.5	2570.8
32.5°	2000.7	2259.1	2424.3	2448.3	2480.3	2464.3	2461.6	2469.6	2490.9	2490.9	2496.3
35°	1808.9	2139.2	2352.4	2373.7	2397.7	2379.0	2389.7	2392.4	2405.7	2413.7	2411.0
37.5°	1598.4	2035.3	2277.7	2293.7	2312.4	2288.4	2304.4	2312.4	2323.0	2317.7	2317.7
40°	1411.9	1872.8	2189.8	2200.5	2216.4	2197.8	2213.8	2219.1	2224.4	2219.1	2216.4
42.5°	1273.4	1694.3	2096.6	2109.9	2099.2	2112.6	2117.9	2128.5	2120.5	2109.9	2109.9
45°	1166.8	1646.4	1995.3	2011.3	1995.3	2016.6	2024.6	2024.6	2000.7	1995.3	1992.7
47.5°	1132.2	1550.4	1894.1	1894.1	1886.1	1912.8	1926.1	1907.4	1883.4	1875.5	1875.5
50°	1129.5	1443.9	1755.6	1744.9	1782.2	1814.2	1800.9	1782.2	1763.6	1734.3	1734.3
52.5°	1025.6	1313.4	1577.1	1617.0	1675.7	1694.3	1673.0	1654.3	1622.4	1609.1	1598.4
55°	951.0	1177.5	1414.6	1494.5	1555.8	1579.8	1539.8	1521.1	1473.2	1465.2	1459.9
57.5°	935.1	980.4	1265.4	1366.6	1441.2	1438.6	1414.6	1380.0	1340.0	1332.0	1329.3
60°	857.8	708.6	1105.6	1225.4	1302.7	1294.7	1273.4	1241.4	1204.1	1198.8	1193.5
62.5°	777.9	514.2	924.4	1060.3	1169.5	1166.8	1148.2	1100.2	1073.6	1060.3	1049.6
65°	660.7	431.6	658.0	881.8	1039.0	1044.3	1004.3	969.7	940.4	924.4	921.7
67.5°	503.5	351.6	444.9	735.3	913.8	908.4	857.8	841.8	804.5	796.5	780.6
70°	373.0	234.4	309.0	596.7	791.2	777.9	737.9	719.3	684.6	666.0	655.3
72.5°	309.0	189.1	226.4	463.5	666.0	650.0	615.4	594.1	564.8	548.8	538.1
75°	250.4	199.8	173.2	343.7	540.8	530.1	498.2	476.9	452.9	431.6	434.2
77.5°	183.8	186.5	138.5	253.1	428.9	412.9	394.3	367.6	357.0	335.7	335.7
80°	138.5	146.5	103.9	173.2	309.0	309.0	293.0	274.4	255.7	245.1	245.1
82.5°	93.2	93.2	77.3	109.2	210.5	202.5	191.8	186.5	175.8	170.5	170.5
85°	42.6	53.3	48.0	66.6	114.6	119.9	119.9	114.6	111.9	106.6	109.2
87.5°	13.3	24.0	29.3	37.3	58.6	61.3	63.9	63.9	63.9	66.6	66.6
90°	5.5	9.9	14.3	15.4	24.2	35.9	41.7	37.1	27.8	20.9	20.9
92.5°	21.9	59.2	96.6	105.9	148.9	206.3	235.0	205.9	147.9	104.3	100.2
95°	52.7	121.0	189.4	206.5	366.6	580.1	686.9	612.9	465.0	354.1	341.5
97.5°	91.1	151.4	211.7	226.8	493.8	849.8	1027.9	981.2	887.6	817.6	793.7
100°	120.8	175.5	230.1	243.8	540.1	935.2	1132.7	1136.1	1142.9	1148.1	1119.6
102.5°	146.1	197.0	248.0	260.8	561.3	962.1	1162.4	1221.9	1341.0	1430.3	1405.9
105°	188.9	232.0	275.2	286.0	577.0	965.1	1159.1	1292.6	1559.5	1759.7	1746.6
107.5°	232.8	273.1	313.4	323.4	580.0	922.2	1093.2	1279.4	1651.9	1931.1	1934.3
110°	262.5	298.8	335.2	344.3	575.6	884.1	1038.3	1246.5	1662.8	1975.0	1988.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	291.5	326.2	360.8	369.5	575.8	850.8	988.3	1201.4	1627.4	1947.0	1968.0
115°	335.5	367.5	399.4	407.4	581.1	812.7	928.5	1133.7	1544.1	1852.0	1881.1
117.5°	378.8	407.9	436.9	444.2	591.9	788.8	887.3	1072.5	1442.9	1720.8	1753.0
120°	404.1	431.5	458.7	465.6	600.6	780.8	870.9	1040.1	1378.5	1632.4	1663.8
122.5°	428.8	456.4	484.0	490.9	613.3	776.6	858.2	1010.5	1315.4	1544.0	1574.9
125°	466.7	491.9	517.0	523.3	630.4	773.1	844.5	974.0	1232.8	1427.0	1455.5
127.5°	497.5	522.9	548.3	554.6	647.4	771.1	832.9	944.1	1166.4	1333.2	1357.2
130°	514.0	541.3	568.6	575.4	659.8	772.3	828.6	927.5	1125.5	1273.8	1296.0
132.5°	530.9	558.3	585.6	592.5	669.9	773.1	824.7	913.3	1090.5	1223.3	1243.2
135°	556.2	581.1	606.0	612.2	680.8	772.4	818.1	892.4	1040.7	1152.0	1169.1
137.5°	582.0	606.7	631.4	637.5	697.3	777.2	817.0	879.7	1005.2	1099.3	1113.3
140°	603.4	626.1	648.8	654.5	707.4	777.9	813.1	867.3	975.7	1057.0	1070.1
142.5°	619.9	640.9	661.9	667.2	715.8	780.7	813.1	860.7	955.9	1027.3	1038.6
145°	645.1	663.4	681.7	686.3	726.8	780.7	807.7	846.6	924.5	982.8	991.4
147.5°	670.4	688.2	706.0	710.5	742.9	786.1	807.7	838.4	899.6	945.5	952.6
150°	686.9	702.9	719.1	723.1	751.3	788.9	807.7	833.6	885.2	924.1	929.8
152.5°	703.9	716.1	728.3	731.4	756.8	790.8	807.7	829.8	874.0	907.1	911.4
155°	729.1	738.2	747.3	749.5	768.9	794.8	807.7	825.3	860.4	886.8	889.6
157.5°	747.9	756.7	765.4	767.6	781.0	798.8	807.7	821.4	848.7	869.2	871.2
160°	760.5	767.3	774.2	775.8	786.5	800.6	807.7	819.4	842.8	860.4	861.5
162.5°	773.1	778.2	783.4	784.6	792.4	802.6	807.7	817.6	837.3	852.1	853.2
165°	786.9	791.5	796.1	797.2	800.7	805.4	807.7	814.8	828.9	839.5	840.7
167.5°	799.5	801.6	803.8	804.4	807.3	811.2	813.1	817.8	827.1	834.0	834.5
170°	807.7	809.9	812.1	812.6	812.8	813.1	813.1	817.8	827.1	834.0	834.0
172.5°	812.1	812.5	813.1	813.1	813.1	813.1	813.1	816.8	824.2	829.7	829.2
175°	818.1	818.1	818.1	818.1	816.4	814.2	813.1	815.5	820.2	823.6	823.6
177.5°	818.1	818.1	818.1	818.1	816.9	815.2	814.3	816.2	819.8	822.6	822.0
180°	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9
2.5°	2887.9	2879.9	2887.9	2882.5	2885.2	2877.2	2853.2	2845.2	2853.2	2861.2	2861.2
5°	2922.5	2917.2	2922.5	2922.5	2919.8	2914.5	2887.9	2882.5	2887.9	2890.5	2885.2
7.5°	2933.2	2925.2	2933.2	2927.8	2927.8	2922.5	2895.9	2890.5	2893.2	2901.2	2893.2
10°	2933.2	2925.2	2933.2	2930.5	2927.8	2922.5	2895.9	2885.2	2885.2	2893.2	2885.2
12.5°	2919.8	2914.5	2919.8	2914.5	2914.5	2909.2	2882.5	2871.9	2874.5	2877.2	2866.6
15°	2898.5	2890.5	2898.5	2893.2	2895.9	2887.9	2858.6	2847.9	2847.9	2853.2	2834.6
17.5°	2866.6	2855.9	2866.6	2863.9	2861.2	2855.9	2829.3	2818.6	2815.9	2818.6	2805.3
20°	2829.3	2821.3	2829.3	2826.6	2826.6	2815.9	2789.3	2776.0	2776.0	2776.0	2762.7
22.5°	2770.6	2762.7	2770.6	2776.0	2776.0	2773.3	2749.3	2730.7	2725.4	2725.4	2709.4
25°	2704.0	2696.1	2704.0	2704.0	2701.4	2704.0	2696.1	2685.4	2677.4	2669.4	2653.4
27.5°	2640.1	2634.8	2640.1	2634.8	2640.1	2632.1	2629.5	2626.8	2616.1	2608.1	2586.8
30°	2576.2	2570.8	2576.2	2570.8	2565.5	2560.2	2546.9	2541.5	2552.2	2546.9	2512.2
32.5°	2496.3	2490.9	2496.3	2496.3	2490.9	2490.9	2469.6	2461.6	2464.3	2480.3	2448.3
35°	2413.7	2405.7	2413.7	2411.0	2413.7	2405.7	2392.4	2389.7	2379.0	2397.7	2373.7
37.5°	2317.7	2309.7	2317.7	2317.7	2317.7	2323.0	2312.4	2304.4	2288.4	2312.4	2293.7
40°	2219.1	2208.5	2219.1	2216.4	2219.1	2224.4	2219.1	2213.8	2197.8	2216.4	2200.5
42.5°	2107.2	2104.6	2107.2	2109.9	2109.9	2120.5	2128.5	2117.9	2112.6	2099.2	2109.9
45°	1987.3	1982.0	1987.3	1992.7	1995.3	2000.7	2024.6	2024.6	2016.6	1995.3	2011.3
47.5°	1859.5	1846.2	1859.5	1875.5	1875.5	1883.4	1907.4	1926.1	1912.8	1886.1	1894.1
50°	1723.6	1726.3	1723.6	1734.3	1734.3	1763.6	1782.2	1800.9	1814.2	1782.2	1744.9
52.5°	1590.4	1587.7	1590.4	1598.4	1609.1	1622.4	1654.3	1673.0	1694.3	1675.7	1617.0
55°	1457.2	1462.5	1457.2	1459.9	1465.2	1473.2	1521.1	1539.8	1579.8	1555.8	1494.5
57.5°	1324.0	1316.0	1324.0	1329.3	1332.0	1340.0	1380.0	1414.6	1438.6	1441.2	1366.6
60°	1169.5	1158.8	1169.5	1193.5	1198.8	1204.1	1241.4	1273.4	1294.7	1302.7	1225.4
62.5°	1033.6	1015.0	1033.6	1049.6	1060.3	1073.6	1100.2	1148.2	1166.8	1169.5	1060.3
65°	889.8	881.8	889.8	921.7	924.4	940.4	969.7	1004.3	1044.3	1039.0	881.8
67.5°	759.2	759.2	759.2	780.6	796.5	804.5	841.8	857.8	908.4	913.8	735.3
70°	639.4	636.7	639.4	655.3	666.0	684.6	719.3	737.9	777.9	791.2	596.7
72.5°	524.8	522.1	524.8	538.1	548.8	564.8	594.1	615.4	650.0	666.0	463.5
75°	423.6	418.2	423.6	434.2	431.6	452.9	476.9	498.2	530.1	540.8	343.7
77.5°	325.0	325.0	325.0	335.7	335.7	357.0	367.6	394.3	412.9	428.9	253.1
80°	242.4	239.8	242.4	245.1	245.1	255.7	274.4	293.0	309.0	309.0	173.2
82.5°	170.5	165.2	170.5	170.5	170.5	175.8	186.5	191.8	202.5	210.5	109.2
85°	106.6	106.6	106.6	109.2	106.6	111.9	114.6	119.9	119.9	114.6	66.6
87.5°	69.3	66.6	69.3	66.6	66.6	63.9	63.9	63.9	61.3	58.6	37.3
90°	20.9	20.9	20.9	20.9	20.9	27.8	37.1	41.7	35.9	24.2	15.4
92.5°	83.6	67.0	83.6	100.2	104.3	147.9	205.9	235.0	206.3	148.9	105.9
95°	291.3	241.0	291.3	341.5	354.1	465.0	612.9	686.9	580.1	366.6	206.5
97.5°	698.0	602.3	698.0	793.7	817.6	887.6	981.2	1027.9	849.8	493.8	226.8
100°	1005.7	891.7	1005.7	1119.6	1148.1	1142.9	1136.1	1132.7	935.2	540.1	243.8
102.5°	1308.3	1210.7	1308.3	1405.9	1430.3	1341.0	1221.9	1162.4	962.1	561.3	260.8
105°	1694.2	1641.7	1694.2	1746.6	1759.7	1559.5	1292.6	1159.1	965.1	577.0	286.0
107.5°	1946.9	1959.6	1946.9	1934.3	1931.1	1651.9	1279.4	1093.2	922.2	580.0	323.4
110°	2043.3	2098.0	2043.3	1988.7	1975.0	1662.8	1246.5	1038.3	884.1	575.6	344.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2052.0	2135.9	2052.0	1968.0	1947.0	1627.4	1201.4	988.3	850.8	575.8	369.5
115°	1997.6	2114.0	1997.6	1881.1	1852.0	1544.1	1133.7	928.5	812.7	581.1	407.4
117.5°	1882.1	2011.2	1882.1	1753.0	1720.8	1442.9	1072.5	887.3	788.8	591.9	444.2
120°	1789.2	1914.6	1789.2	1663.8	1632.4	1378.5	1040.1	870.9	780.8	600.6	465.6
122.5°	1698.7	1822.4	1698.7	1574.9	1544.0	1315.4	1010.5	858.2	776.6	613.3	490.9
125°	1569.5	1683.5	1569.5	1455.5	1427.0	1232.8	974.0	844.5	773.1	630.4	523.3
127.5°	1453.3	1549.5	1453.3	1357.2	1333.2	1166.4	944.1	832.9	771.1	647.4	554.6
130°	1384.9	1473.7	1384.9	1296.0	1273.8	1125.5	927.5	828.6	772.3	659.8	575.4
132.5°	1322.8	1402.3	1322.8	1243.2	1223.3	1090.5	913.3	824.7	773.1	669.9	592.5
135°	1237.7	1306.2	1237.7	1169.1	1152.0	1040.7	892.4	818.1	772.4	680.8	612.2
137.5°	1169.4	1225.5	1169.4	1113.3	1099.3	1005.2	879.7	817.0	777.2	697.3	637.5
140°	1122.5	1175.0	1122.5	1070.1	1057.0	975.7	867.3	813.1	777.9	707.4	654.5
142.5°	1083.8	1128.9	1083.8	1038.6	1027.3	955.9	860.7	813.1	780.7	715.8	667.2
145°	1025.6	1059.7	1025.6	991.4	982.8	924.5	846.6	807.7	780.7	726.8	686.3
147.5°	980.9	1009.2	980.9	952.6	945.5	899.6	838.4	807.7	786.1	742.9	710.5
150°	952.7	975.7	952.7	929.8	924.1	885.2	833.6	807.7	788.9	751.3	723.1
152.5°	928.8	946.1	928.8	911.4	907.1	874.0	829.8	807.7	790.8	756.8	731.4
155°	901.1	912.6	901.1	889.6	886.8	860.4	825.3	807.7	794.8	768.9	749.5
157.5°	879.2	887.3	879.2	871.2	869.2	848.7	821.4	807.7	798.8	781.0	767.6
160°	866.2	870.9	866.2	861.5	860.4	842.8	819.4	807.7	800.6	786.5	775.8
162.5°	857.6	862.1	857.6	853.2	852.1	837.3	817.6	807.7	802.6	792.4	784.6
165°	845.4	850.0	845.4	840.7	839.5	828.9	814.8	807.7	805.4	800.7	797.2
167.5°	836.5	838.4	836.5	834.5	834.0	827.1	817.8	813.1	811.2	807.3	804.4
170°	834.0	834.0	834.0	834.0	834.0	827.1	817.8	813.1	813.1	812.8	812.6
172.5°	827.5	825.8	827.5	829.2	829.7	824.2	816.8	813.1	813.1	813.1	813.1
175°	823.6	823.6	823.6	823.6	823.6	820.2	815.5	813.1	814.2	816.4	818.1
177.5°	820.1	818.1	820.1	822.0	822.6	819.8	816.2	814.3	815.2	816.9	818.1
180°	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9
2.5°	2855.9	2839.9	2839.9	2813.3	2802.6	2794.6	2781.3	2741.3	2730.7	2720.0	2736.0
5°	2879.9	2850.6	2829.3	2781.3	2741.3	2725.4	2674.7	2578.8	2514.9	2467.0	2440.3
7.5°	2885.2	2847.9	2807.9	2733.4	2637.4	2594.8	2440.3	2264.4	2216.4	2173.8	2147.2
10°	2879.9	2837.2	2781.3	2669.4	2443.0	2368.4	2213.8	2099.2	2069.9	2061.9	2069.9
12.5°	2861.2	2821.3	2744.0	2557.5	2240.4	2189.8	2099.2	2032.6	2027.3	2040.6	2112.6
15°	2829.3	2792.0	2701.4	2408.3	2128.5	2091.2	2027.3	2003.3	2032.6	2125.9	2341.7
17.5°	2797.3	2754.7	2642.8	2261.7	2043.3	2016.6	1971.4	2019.3	2184.5	2309.7	2381.7
20°	2754.7	2704.0	2576.2	2155.2	1982.0	1958.0	1936.7	2152.5	2277.7	2323.0	2363.1
22.5°	2704.0	2650.8	2485.6	2080.6	1918.1	1899.4	1912.8	2227.1	2277.7	2309.7	2344.3
25°	2637.4	2592.2	2379.0	2022.0	1867.5	1846.2	1896.8	2219.1	2248.4	2256.4	2325.7
27.5°	2576.2	2517.6	2267.1	1968.7	1806.2	1798.2	1910.1	2184.5	2205.8	2213.8	2288.4
30°	2501.6	2413.7	2141.9	1912.8	1742.3	1739.6	1912.8	2141.9	2136.5	2157.8	2232.4
32.5°	2424.3	2259.1	2000.7	1843.5	1681.0	1678.3	1894.1	2077.9	2072.6	2101.9	2157.8
35°	2352.4	2139.2	1808.9	1763.6	1603.7	1606.4	1848.8	2003.3	2006.0	2032.6	2067.3
37.5°	2277.7	2035.3	1598.4	1675.7	1529.1	1529.1	1787.5	1934.1	1928.7	1936.7	1984.7
40°	2189.8	1872.8	1411.9	1561.1	1459.9	1451.9	1713.0	1859.5	1840.8	1838.2	1904.8
42.5°	2096.6	1694.3	1273.4	1409.3	1380.0	1369.3	1622.4	1768.9	1734.3	1742.3	1827.5
45°	1995.3	1646.4	1166.8	1190.8	1297.4	1289.4	1523.8	1665.0	1641.0	1662.3	1750.2
47.5°	1894.1	1550.4	1132.2	988.3	1209.5	1206.8	1414.6	1563.8	1550.4	1571.8	1665.0
50°	1755.6	1443.9	1129.5	847.2	1110.9	1121.5	1284.0	1465.2	1465.2	1483.8	1582.4
52.5°	1577.1	1313.4	1025.6	767.2	996.3	1028.3	1169.5	1380.0	1385.3	1403.9	1491.8
55°	1414.6	1177.5	951.0	706.0	860.5	929.7	1057.6	1292.0	1302.7	1321.3	1401.3
57.5°	1265.4	980.4	935.1	634.0	735.3	801.9	959.0	1206.8	1212.1	1228.1	1305.4
60°	1105.6	708.6	857.8	556.8	626.0	676.7	868.5	1105.6	1124.2	1134.9	1201.5
62.5°	924.4	514.2	777.9	503.5	572.8	583.4	793.9	1009.7	1033.6	1041.6	1081.6
65°	658.0	431.6	660.7	458.2	516.8	519.5	714.0	911.1	932.4	945.7	975.0
67.5°	444.9	351.6	503.5	415.6	474.2	476.9	636.7	796.5	825.8	836.5	855.1
70°	309.0	234.4	373.0	370.3	426.2	431.6	554.1	692.6	719.3	727.3	737.9
72.5°	226.4	189.1	309.0	333.0	375.6	381.0	468.9	575.4	602.1	610.1	615.4
75°	173.2	199.8	250.4	290.4	319.7	322.3	383.6	468.9	487.5	492.8	495.5
77.5°	138.5	186.5	183.8	234.4	261.1	255.7	301.0	362.3	378.3	378.3	378.3
80°	103.9	146.5	138.5	167.8	191.8	186.5	215.8	258.4	263.7	269.1	266.4
82.5°	77.3	93.2	93.2	106.6	127.9	122.5	143.9	167.8	167.8	167.8	173.2
85°	48.0	53.3	42.6	55.9	71.9	69.3	79.9	90.6	93.2	93.2	87.9
87.5°	29.3	24.0	13.3	21.3	32.0	32.0	37.3	40.0	37.3	37.3	37.3
90°	14.3	9.9	5.5	9.9	14.3	15.4	24.2	35.9	41.7	37.1	27.8
92.5°	96.6	59.2	21.9	59.2	96.6	105.9	148.9	206.3	235.0	205.9	147.9
95°	189.4	121.0	52.7	121.0	189.4	206.5	366.6	580.1	686.9	612.9	465.0
97.5°	211.7	151.4	91.1	151.4	211.7	226.8	493.8	849.8	1027.9	981.2	887.6
100°	230.1	175.5	120.8	175.5	230.1	243.8	540.1	935.2	1132.7	1136.1	1142.9
102.5°	248.0	197.0	146.1	197.0	248.0	260.8	561.3	962.1	1162.4	1221.9	1341.0
105°	275.2	232.0	188.9	232.0	275.2	286.0	577.0	965.1	1159.1	1292.6	1559.5
107.5°	313.4	273.1	232.8	273.1	313.4	323.4	580.0	922.2	1093.2	1279.4	1651.9
110°	335.2	298.8	262.5	298.8	335.2	344.3	575.6	884.1	1038.3	1246.5	1662.8



TEST NUMBER: P934373

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	360.8	326.2	291.5	326.2	360.8	369.5	575.8	850.8	988.3	1201.4	1627.4
115°	399.4	367.5	335.5	367.5	399.4	407.4	581.1	812.7	928.5	1133.7	1544.1
117.5°	436.9	407.9	378.8	407.9	436.9	444.2	591.9	788.8	887.3	1072.5	1442.9
120°	458.7	431.5	404.1	431.5	458.7	465.6	600.6	780.8	870.9	1040.1	1378.5
122.5°	484.0	456.4	428.8	456.4	484.0	490.9	613.3	776.6	858.2	1010.5	1315.4
125°	517.0	491.9	466.7	491.9	517.0	523.3	630.4	773.1	844.5	974.0	1232.8
127.5°	548.3	522.9	497.5	522.9	548.3	554.6	647.4	771.1	832.9	944.1	1166.4
130°	568.6	541.3	514.0	541.3	568.6	575.4	659.8	772.3	828.6	927.5	1125.5
132.5°	585.6	558.3	530.9	558.3	585.6	592.5	669.9	773.1	824.7	913.3	1090.5
135°	606.0	581.1	556.2	581.1	606.0	612.2	680.8	772.4	818.1	892.4	1040.7
137.5°	631.4	606.7	582.0	606.7	631.4	637.5	697.3	777.2	817.0	879.7	1005.2
140°	648.8	626.1	603.4	626.1	648.8	654.5	707.4	777.9	813.1	867.3	975.7
142.5°	661.9	640.9	619.9	640.9	661.9	667.2	715.8	780.7	813.1	860.7	955.9
145°	681.7	663.4	645.1	663.4	681.7	686.3	726.8	780.7	807.7	846.6	924.5
147.5°	706.0	688.2	670.4	688.2	706.0	710.5	742.9	786.1	807.7	838.4	899.6
150°	719.1	702.9	686.9	702.9	719.1	723.1	751.3	788.9	807.7	833.6	885.2
152.5°	728.3	716.1	703.9	716.1	728.3	731.4	756.8	790.8	807.7	829.8	874.0
155°	747.3	738.2	729.1	738.2	747.3	749.5	768.9	794.8	807.7	825.3	860.4
157.5°	765.4	756.7	747.9	756.7	765.4	767.6	781.0	798.8	807.7	821.4	848.7
160°	774.2	767.3	760.5	767.3	774.2	775.8	786.5	800.6	807.7	819.4	842.8
162.5°	783.4	778.2	773.1	778.2	783.4	784.6	792.4	802.6	807.7	817.6	837.3
165°	796.1	791.5	786.9	791.5	796.1	797.2	800.7	805.4	807.7	814.8	828.9
167.5°	803.8	801.6	799.5	801.6	803.8	804.4	807.3	811.2	813.1	817.8	827.1
170°	812.1	809.9	807.7	809.9	812.1	812.6	812.8	813.1	813.1	817.8	827.1
172.5°	813.1	812.5	812.1	812.5	813.1	813.1	813.1	813.1	813.1	816.8	824.2
175°	818.1	818.1	818.1	818.1	818.1	818.1	816.4	814.2	813.1	815.5	820.2
177.5°	818.1	818.1	818.1	818.1	818.1	818.1	816.9	815.2	814.3	816.2	819.8
180°	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1



TEST NUMBER: P934373

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9	2815.9
2.5°	2717.4	2709.4	2720.0	2690.7	2720.0	2709.4	2717.4	2736.0	2720.0	2730.7	2741.3
5°	2384.4	2371.0	2328.3	2293.7	2328.3	2371.0	2384.4	2440.3	2467.0	2514.9	2578.8
7.5°	2131.2	2120.5	2109.9	2088.6	2109.9	2120.5	2131.2	2147.2	2173.8	2216.4	2264.4
10°	2075.3	2077.9	2093.9	2091.2	2093.9	2077.9	2075.3	2069.9	2061.9	2069.9	2099.2
12.5°	2219.1	2243.1	2331.0	2325.7	2331.0	2243.1	2219.1	2112.6	2040.6	2027.3	2032.6
15°	2384.4	2392.4	2411.0	2413.7	2411.0	2392.4	2384.4	2341.7	2125.9	2032.6	2003.3
17.5°	2400.4	2403.0	2416.3	2416.3	2416.3	2403.0	2400.4	2381.7	2309.7	2184.5	2019.3
20°	2387.0	2392.4	2419.0	2424.3	2419.0	2392.4	2387.0	2363.1	2323.0	2277.7	2152.5
22.5°	2381.7	2392.4	2413.7	2411.0	2413.7	2392.4	2381.7	2344.3	2309.7	2277.7	2227.1
25°	2355.1	2355.1	2357.7	2360.4	2357.7	2355.1	2355.1	2325.7	2256.4	2248.4	2219.1
27.5°	2299.0	2304.4	2320.3	2317.7	2320.3	2304.4	2299.0	2288.4	2213.8	2205.8	2184.5
30°	2248.4	2243.1	2229.8	2219.1	2229.8	2243.1	2248.4	2232.4	2157.8	2136.5	2141.9
32.5°	2163.2	2149.8	2136.5	2128.5	2136.5	2149.8	2163.2	2157.8	2101.9	2072.6	2077.9
35°	2061.9	2064.6	2061.9	2053.9	2061.9	2064.6	2061.9	2067.3	2032.6	2006.0	2003.3
37.5°	1990.0	1995.3	1992.7	1982.0	1992.7	1995.3	1990.0	1984.7	1936.7	1928.7	1934.1
40°	1915.4	1918.1	1915.4	1907.4	1915.4	1918.1	1915.4	1904.8	1838.2	1840.8	1859.5
42.5°	1843.5	1840.8	1832.8	1827.5	1832.8	1840.8	1843.5	1827.5	1742.3	1734.3	1768.9
45°	1760.9	1763.6	1747.6	1739.6	1747.6	1763.6	1760.9	1750.2	1662.3	1641.0	1665.0
47.5°	1678.3	1678.3	1665.0	1657.0	1665.0	1678.3	1678.3	1665.0	1571.8	1550.4	1563.8
50°	1590.4	1587.7	1569.1	1566.4	1569.1	1587.7	1590.4	1582.4	1483.8	1465.2	1465.2
52.5°	1489.2	1489.2	1491.8	1497.2	1491.8	1489.2	1489.2	1491.8	1403.9	1385.3	1380.0
55°	1401.3	1403.9	1422.6	1427.9	1422.6	1403.9	1401.3	1401.3	1321.3	1302.7	1292.0
57.5°	1310.7	1310.7	1324.0	1324.0	1324.0	1310.7	1310.7	1305.4	1228.1	1212.1	1206.8
60°	1206.8	1212.1	1222.8	1220.1	1222.8	1212.1	1206.8	1201.5	1134.9	1124.2	1105.6
62.5°	1097.6	1102.9	1105.6	1100.2	1105.6	1102.9	1097.6	1081.6	1041.6	1033.6	1009.7
65°	983.0	988.3	991.0	985.7	991.0	988.3	983.0	975.0	945.7	932.4	911.1
67.5°	865.8	863.1	860.5	871.1	860.5	863.1	865.8	855.1	836.5	825.8	796.5
70°	745.9	745.9	743.3	748.6	743.3	745.9	745.9	737.9	727.3	719.3	692.6
72.5°	618.0	615.4	626.0	618.0	626.0	615.4	618.0	615.4	610.1	602.1	575.4
75°	492.8	498.2	492.8	500.8	492.8	498.2	492.8	495.5	492.8	487.5	468.9
77.5°	375.6	381.0	375.6	375.6	375.6	381.0	375.6	378.3	378.3	378.3	362.3
80°	266.4	263.7	263.7	261.1	263.7	263.7	266.4	266.4	269.1	263.7	258.4
82.5°	170.5	167.8	167.8	173.2	167.8	167.8	170.5	173.2	167.8	167.8	167.8
85°	93.2	95.9	90.6	90.6	90.6	95.9	93.2	87.9	93.2	93.2	90.6
87.5°	34.6	32.0	32.0	32.0	32.0	32.0	34.6	37.3	37.3	37.3	40.0
90°	20.9	20.9	20.9	20.9	20.9	20.9	20.9	27.8	37.1	41.7	35.9
92.5°	104.3	100.2	83.6	67.0	83.6	100.2	104.3	147.9	205.9	235.0	206.3
95°	354.1	341.5	291.3	241.0	291.3	341.5	354.1	465.0	612.9	686.9	580.1
97.5°	817.6	793.7	698.0	602.3	698.0	793.7	817.6	887.6	981.2	1027.9	849.8
100°	1148.1	1119.6	1005.7	891.7	1005.7	1119.6	1148.1	1142.9	1136.1	1132.7	935.2
102.5°	1430.3	1405.9	1308.3	1210.7	1308.3	1405.9	1430.3	1341.0	1221.9	1162.4	962.1
105°	1759.7	1746.6	1694.2	1641.7	1694.2	1746.6	1759.7	1559.5	1292.6	1159.1	965.1
107.5°	1931.1	1934.3	1946.9	1959.6	1946.9	1934.3	1931.1	1651.9	1279.4	1093.2	922.2
110°	1975.0	1988.7	2043.3	2098.0	2043.3	1988.7	1975.0	1662.8	1246.5	1038.3	884.1



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1947.0	1968.0	2052.0	2135.9	2052.0	1968.0	1947.0	1627.4	1201.4	988.3	850.8
115°	1852.0	1881.1	1997.6	2114.0	1997.6	1881.1	1852.0	1544.1	1133.7	928.5	812.7
117.5°	1720.8	1753.0	1882.1	2011.2	1882.1	1753.0	1720.8	1442.9	1072.5	887.3	788.8
120°	1632.4	1663.8	1789.2	1914.6	1789.2	1663.8	1632.4	1378.5	1040.1	870.9	780.8
122.5°	1544.0	1574.9	1698.7	1822.4	1698.7	1574.9	1544.0	1315.4	1010.5	858.2	776.6
125°	1427.0	1455.5	1569.5	1683.5	1569.5	1455.5	1427.0	1232.8	974.0	844.5	773.1
127.5°	1333.2	1357.2	1453.3	1549.5	1453.3	1357.2	1333.2	1166.4	944.1	832.9	771.1
130°	1273.8	1296.0	1384.9	1473.7	1384.9	1296.0	1273.8	1125.5	927.5	828.6	772.3
132.5°	1223.3	1243.2	1322.8	1402.3	1322.8	1243.2	1223.3	1090.5	913.3	824.7	773.1
135°	1152.0	1169.1	1237.7	1306.2	1237.7	1169.1	1152.0	1040.7	892.4	818.1	772.4
137.5°	1099.3	1113.3	1169.4	1225.5	1169.4	1113.3	1099.3	1005.2	879.7	817.0	777.2
140°	1057.0	1070.1	1122.5	1175.0	1122.5	1070.1	1057.0	975.7	867.3	813.1	777.9
142.5°	1027.3	1038.6	1083.8	1128.9	1083.8	1038.6	1027.3	955.9	860.7	813.1	780.7
145°	982.8	991.4	1025.6	1059.7	1025.6	991.4	982.8	924.5	846.6	807.7	780.7
147.5°	945.5	952.6	980.9	1009.2	980.9	952.6	945.5	899.6	838.4	807.7	786.1
150°	924.1	929.8	952.7	975.7	952.7	929.8	924.1	885.2	833.6	807.7	788.9
152.5°	907.1	911.4	928.8	946.1	928.8	911.4	907.1	874.0	829.8	807.7	790.8
155°	886.8	889.6	901.1	912.6	901.1	889.6	886.8	860.4	825.3	807.7	794.8
157.5°	869.2	871.2	879.2	887.3	879.2	871.2	869.2	848.7	821.4	807.7	798.8
160°	860.4	861.5	866.2	870.9	866.2	861.5	860.4	842.8	819.4	807.7	800.6
162.5°	852.1	853.2	857.6	862.1	857.6	853.2	852.1	837.3	817.6	807.7	802.6
165°	839.5	840.7	845.4	850.0	845.4	840.7	839.5	828.9	814.8	807.7	805.4
167.5°	834.0	834.5	836.5	838.4	836.5	834.5	834.0	827.1	817.8	813.1	811.2
170°	834.0	834.0	834.0	834.0	834.0	834.0	834.0	827.1	817.8	813.1	813.1
172.5°	829.7	829.2	827.5	825.8	827.5	829.2	829.7	824.2	816.8	813.1	813.1
175°	823.6	823.6	823.6	823.6	823.6	823.6	823.6	820.2	815.5	813.1	814.2
177.5°	822.6	822.0	820.1	818.1	820.1	822.0	822.6	819.8	816.2	814.3	815.2
180°	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1	818.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2815.9	2815.9	2815.9	2815.9	2815.9
2.5°	2781.3	2794.6	2802.6	2813.3	2839.9
5°	2674.7	2725.4	2741.3	2781.3	2829.3
7.5°	2440.3	2594.8	2637.4	2733.4	2807.9
10°	2213.8	2368.4	2443.0	2669.4	2781.3
12.5°	2099.2	2189.8	2240.4	2557.5	2744.0
15°	2027.3	2091.2	2128.5	2408.3	2701.4
17.5°	1971.4	2016.6	2043.3	2261.7	2642.8
20°	1936.7	1958.0	1982.0	2155.2	2576.2
22.5°	1912.8	1899.4	1918.1	2080.6	2485.6
25°	1896.8	1846.2	1867.5	2022.0	2379.0
27.5°	1910.1	1798.2	1806.2	1968.7	2267.1
30°	1912.8	1739.6	1742.3	1912.8	2141.9
32.5°	1894.1	1678.3	1681.0	1843.5	2000.7
35°	1848.8	1606.4	1603.7	1763.6	1808.9
37.5°	1787.5	1529.1	1529.1	1675.7	1598.4
40°	1713.0	1451.9	1459.9	1561.1	1411.9
42.5°	1622.4	1369.3	1380.0	1409.3	1273.4
45°	1523.8	1289.4	1297.4	1190.8	1166.8
47.5°	1414.6	1206.8	1209.5	988.3	1132.2
50°	1284.0	1121.5	1110.9	847.2	1129.5
52.5°	1169.5	1028.3	996.3	767.2	1025.6
55°	1057.6	929.7	860.5	706.0	951.0
57.5°	959.0	801.9	735.3	634.0	935.1
60°	868.5	676.7	626.0	556.8	857.8
62.5°	793.9	583.4	572.8	503.5	777.9
65°	714.0	519.5	516.8	458.2	660.7
67.5°	636.7	476.9	474.2	415.6	503.5
70°	554.1	431.6	426.2	370.3	373.0
72.5°	468.9	381.0	375.6	333.0	309.0
75°	383.6	322.3	319.7	290.4	250.4
77.5°	301.0	255.7	261.1	234.4	183.8
80°	215.8	186.5	191.8	167.8	138.5
82.5°	143.9	122.5	127.9	106.6	93.2
85°	79.9	69.3	71.9	55.9	42.6
87.5°	37.3	32.0	32.0	21.3	13.3
90°	24.2	15.4	14.3	9.9	5.5
92.5°	148.9	105.9	96.6	59.2	21.9
95°	366.6	206.5	189.4	121.0	52.7
97.5°	493.8	226.8	211.7	151.4	91.1
100°	540.1	243.8	230.1	175.5	120.8
102.5°	561.3	260.8	248.0	197.0	146.1
105°	577.0	286.0	275.2	232.0	188.9
107.5°	580.0	323.4	313.4	273.1	232.8
110°	575.6	344.3	335.2	298.8	262.5



TEST NUMBER: P934373

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	575.8	369.5	360.8	326.2	291.5
115°	581.1	407.4	399.4	367.5	335.5
117.5°	591.9	444.2	436.9	407.9	378.8
120°	600.6	465.6	458.7	431.5	404.1
122.5°	613.3	490.9	484.0	456.4	428.8
125°	630.4	523.3	517.0	491.9	466.7
127.5°	647.4	554.6	548.3	522.9	497.5
130°	659.8	575.4	568.6	541.3	514.0
132.5°	669.9	592.5	585.6	558.3	530.9
135°	680.8	612.2	606.0	581.1	556.2
137.5°	697.3	637.5	631.4	606.7	582.0
140°	707.4	654.5	648.8	626.1	603.4
142.5°	715.8	667.2	661.9	640.9	619.9
145°	726.8	686.3	681.7	663.4	645.1
147.5°	742.9	710.5	706.0	688.2	670.4
150°	751.3	723.1	719.1	702.9	686.9
152.5°	756.8	731.4	728.3	716.1	703.9
155°	768.9	749.5	747.3	738.2	729.1
157.5°	781.0	767.6	765.4	756.7	747.9
160°	786.5	775.8	774.2	767.3	760.5
162.5°	792.4	784.6	783.4	778.2	773.1
165°	800.7	797.2	796.1	791.5	786.9
167.5°	807.3	804.4	803.8	801.6	799.5
170°	812.8	812.6	812.1	809.9	807.7
172.5°	813.1	813.1	813.1	812.5	812.1
175°	816.4	818.1	818.1	818.1	818.1
177.5°	816.9	818.1	818.1	818.1	818.1
180°	818.1	818.1	818.1	818.1	818.1



TEST NUMBER: P934373
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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	13.03	13.97	13.92	14.88	16.03	15.88	16.82	16.77	17.73	18.88
	3H	13.52	14.36	14.41	15.27	16.45	17.24	18.08	18.14	19.00	20.18
	4H	13.71	14.51	14.62	15.43	16.62	17.70	18.49	18.61	19.41	20.60
	6H	13.83	14.57	14.76	15.49	16.70	17.99	18.72	18.91	19.65	20.85
	8H	13.84	14.53	14.77	15.48	16.68	18.07	18.77	19.00	19.71	20.91
	12H	13.81	14.47	14.75	15.41	16.64	18.11	18.78	19.05	19.72	20.94
4H	2H	14.08	14.87	15.00	15.80	16.98	16.30	17.10	17.22	18.02	19.21
	3H	15.12	15.78	16.04	16.73	17.93	17.82	18.48	18.75	19.44	20.64
	4H	15.39	16.00	16.33	16.95	18.17	18.36	18.96	19.30	19.91	21.14
	6H	15.52	16.04	16.48	17.02	18.24	18.73	19.25	19.69	20.22	21.45
	8H	15.53	16.02	16.49	16.98	18.22	18.84	19.33	19.80	20.30	21.54
	12H	15.50	15.94	16.48	16.92	18.17	18.91	19.35	19.88	20.33	21.58
8H	4H	15.86	16.34	16.81	17.31	18.55	18.49	18.97	19.44	19.94	21.18
	6H	16.12	16.52	17.10	17.53	18.77	18.93	19.34	19.91	20.34	21.58
	8H	16.17	16.52	17.16	17.52	18.77	19.09	19.44	20.08	20.44	21.70
	12H	16.15	16.47	17.15	17.45	18.76	19.20	19.51	20.19	20.50	21.80
12H	4H	15.87	16.31	16.84	17.29	18.54	18.46	18.89	19.43	19.88	21.12
	6H	16.18	16.54	17.18	17.54	18.79	18.93	19.29	19.92	20.28	21.54
	8H	16.26	16.57	17.25	17.56	18.86	19.10	19.41	20.09	20.40	21.71