

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: P934493

Luminaire Tested: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934493
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-B2750-1D-UNV-W2A-W-8-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

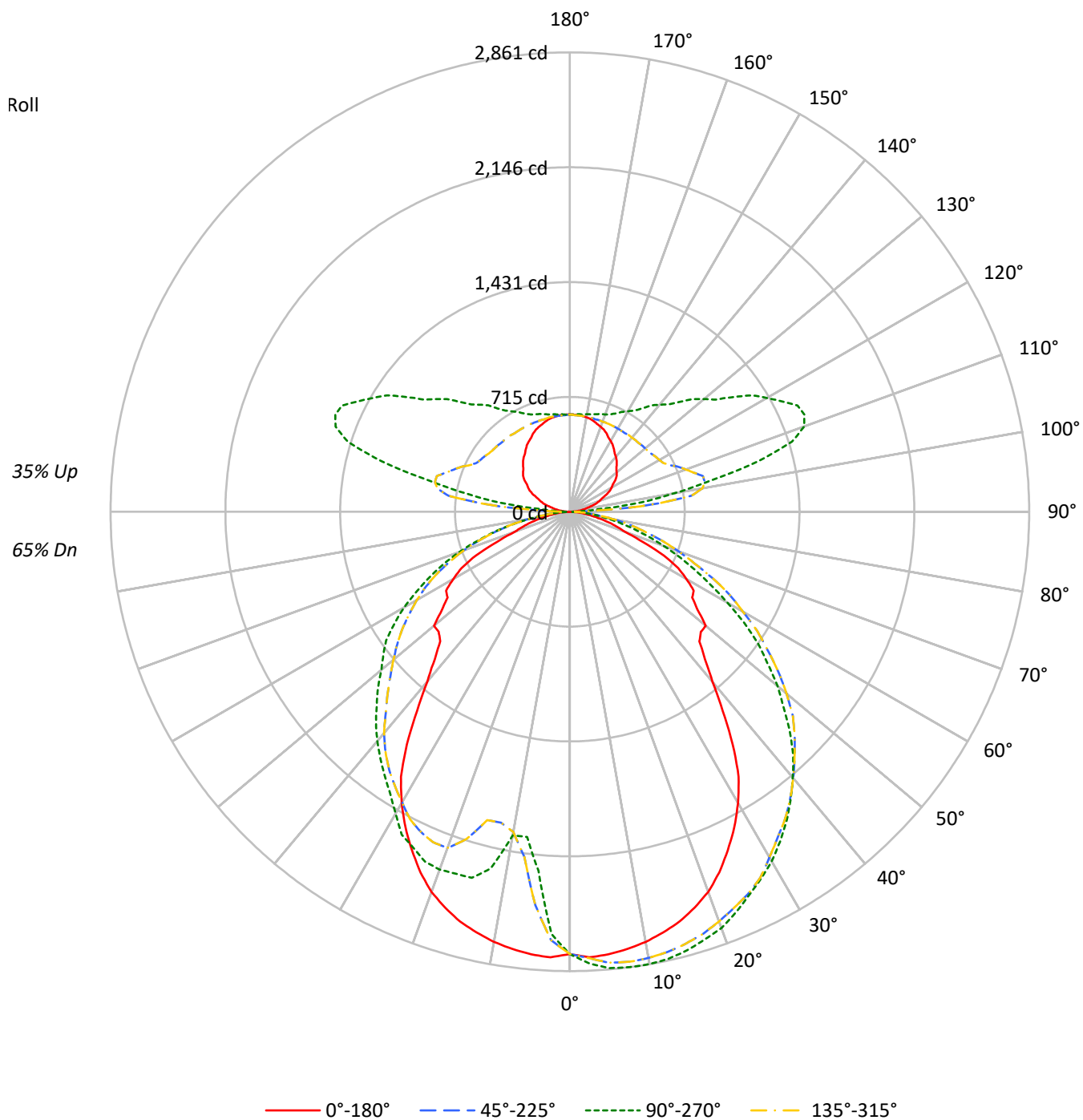
Lumens per Lamp: N/A
Luminaire Lumens: 11068.8 lumens
Efficiency: N/A
Efficacy: 122.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

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

TEST NUMBER: P934493

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-3000K

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					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	111	111	111	111	104	104	104	104	91	91	91	80	80	80	69	69	69	69	69	65
1	101	97	93	89	95	91	88	84	80	78	75	71	69	67	62	60	59	59	59	55
2	92	85	78	73	86	80	74	69	70	66	63	62	59	56	54	52	50	50	50	46
3	84	74	67	61	79	70	63	58	62	57	53	55	51	47	48	45	42	42	42	39
4	77	66	58	52	72	62	55	49	55	49	45	49	44	41	43	39	36	36	36	33
5	71	59	50	44	66	56	48	42	49	43	39	44	39	35	39	35	32	32	32	29
6	65	53	44	38	61	50	42	37	45	38	34	40	35	31	35	31	28	28	28	25
7	60	48	39	34	56	45	38	32	40	34	30	36	31	27	32	28	25	25	25	22
8	56	43	35	30	52	41	34	29	37	31	27	33	28	24	29	25	22	22	22	20
9	52	40	32	27	49	38	31	26	34	28	24	30	25	22	27	23	20	20	20	18
10	49	36	29	24	46	35	28	23	31	25	21	28	23	20	25	21	18	18	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12778	12778	12778	12778
5°	12873	12898	12873	10142
10°	12787	12705	12787	9084
15°	12648	12430	12648	10380
20°	12383	12104	12383	10401
25°	11842	11629	11842	10180
30°	11142	11234	11142	9697
35°	9933	10734	9933	9165
40°	8277	10146	8277	8763
45°	7395	9458	7395	8301
50°	7857	8637	7857	7837
55°	7392	7753	7392	7569
60°	7620	6584	7620	6933
65°	6908	5443	6908	6084
70°	4783	4338	4783	5100
75°	4194	3207	4194	3839
80°	3381	2120	3381	2309
85°	1942	1123	1942	953

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 11335 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	248.6	2.2
10°-20°	705.8	6.4
20°-30°	1091.1	9.9
30°-40°	1302.5	11.8
40°-50°	1310.2	11.8
50°-60°	1140.0	10.3
60°-70°	808.3	7.3
70°-80°	427.6	3.9
80°-90°	108.8	1.0
90°-100°	295.2	2.7
100°-110°	776.1	7.0
110°-120°	804.7	7.3
120°-130°	645.5	5.8
130°-140°	506.5	4.6
140°-150°	388.8	3.5
150°-160°	280.0	2.5
160°-170°	171.3	1.5
170°-180°	57.9	0.5
0°-30°	2045.5	18.5
0°-40°	3348.0	30.2
0°-60°	5798.2	52.4
0°-90°	7142.9	64.5
90°-120°	1876.0	16.9
90°-150°	3416.8	30.9
90°-180°	3926.0	35.5
0°-180°	11068.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2754	2754	2754	2754	2754	
5°	2767	2853	2767	2243	2767	262
15°	2642	2827	2642	2361	2642	743
25°	2327	2637	2327	2308	2327	1068
35°	1769	2353	1769	2009	1769	1094
45°	1141	1938	1141	1701	1141	914
55°	930	1430	930	1397	930	855
65°	646	862	646	964	646	618
75°	245	409	245	490	245	257
85°	42	104	42	88	42	56
90°	4	16	4	16	4	5
95°	39	178	39	178	39	43
105°	140	1215	140	1215	140	148
115°	248	1565	248	1565	248	245
125°	346	1246	346	1246	346	307
135°	412	967	412	967	412	319
145°	478	784	478	784	478	299
155°	540	676	540	676	540	248
165°	582	629	582	629	582	164
175°	606	610	606	610	606	57
180°	606	606	606	606	606	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0
2.5°	2777.5	2777.5	2793.0	2798.3	2798.3	2790.5	2782.7	2790.5	2813.9	2821.7	2819.2
5°	2767.0	2787.8	2816.5	2821.7	2827.0	2824.3	2819.2	2824.3	2850.4	2855.7	2858.2
7.5°	2746.2	2785.3	2821.7	2829.5	2837.4	2829.5	2827.0	2832.2	2858.2	2863.4	2863.4
10°	2720.1	2774.8	2816.5	2821.7	2829.5	2821.7	2821.7	2832.2	2858.2	2863.4	2866.0
12.5°	2683.6	2759.2	2798.3	2803.5	2813.9	2811.3	2808.7	2819.2	2845.2	2850.4	2850.4
15°	2642.0	2730.5	2767.0	2772.2	2790.5	2785.3	2785.3	2795.7	2824.3	2832.2	2829.5
17.5°	2584.6	2694.0	2735.8	2743.5	2756.6	2754.0	2756.6	2767.0	2793.0	2798.3	2800.9
20°	2519.5	2644.6	2694.0	2701.8	2715.0	2715.0	2715.0	2728.0	2754.0	2764.4	2764.4
22.5°	2430.9	2592.5	2644.6	2649.8	2665.4	2665.4	2670.6	2688.8	2712.3	2715.0	2715.0
25°	2326.7	2535.1	2579.4	2595.1	2610.7	2618.5	2626.3	2636.8	2644.6	2642.0	2644.6
27.5°	2217.2	2462.1	2519.5	2529.9	2550.8	2558.6	2569.0	2571.6	2574.2	2582.0	2576.8
30°	2094.8	2360.6	2446.6	2457.0	2490.8	2496.1	2485.6	2490.8	2503.8	2509.1	2514.3
32.5°	1956.7	2209.4	2371.0	2394.4	2425.7	2410.1	2407.4	2415.3	2436.1	2436.1	2441.3
35°	1769.1	2092.2	2300.6	2321.4	2344.9	2326.7	2337.1	2339.7	2352.8	2360.6	2357.9
37.5°	1563.3	1990.5	2227.7	2243.3	2261.6	2238.1	2253.7	2261.6	2271.9	2266.8	2266.8
40°	1380.9	1831.7	2141.7	2152.1	2167.7	2149.5	2165.2	2170.4	2175.6	2170.4	2167.7
42.5°	1245.4	1657.1	2050.5	2063.5	2053.1	2066.2	2071.4	2081.7	2074.0	2063.5	2063.5
45°	1141.2	1610.1	1951.5	1967.2	1951.5	1972.4	1980.2	1980.2	1956.7	1951.5	1948.9
47.5°	1107.4	1516.4	1852.5	1852.5	1844.7	1870.7	1883.8	1865.5	1842.0	1834.3	1834.3
50°	1104.7	1412.1	1717.0	1706.6	1743.1	1774.3	1761.3	1743.1	1724.8	1696.1	1696.1
52.5°	1003.2	1284.5	1542.4	1581.5	1638.8	1657.1	1636.3	1618.0	1586.8	1573.8	1563.3
55°	930.2	1151.6	1383.6	1461.6	1521.6	1545.1	1505.9	1487.8	1440.8	1433.1	1427.8
57.5°	914.5	958.8	1237.6	1336.6	1409.6	1406.9	1383.6	1349.6	1310.6	1302.7	1300.1
60°	839.0	693.1	1081.2	1198.5	1274.1	1266.2	1245.4	1214.2	1177.7	1172.5	1167.2
62.5°	760.8	502.9	904.1	1037.0	1143.8	1141.2	1123.0	1076.0	1050.0	1037.0	1026.5
65°	646.1	422.1	643.6	862.5	1016.2	1021.3	982.3	948.4	919.7	904.1	901.5
67.5°	492.4	343.9	435.1	719.1	893.7	888.5	839.0	823.3	786.8	779.0	763.4
70°	364.7	229.2	302.2	583.6	773.8	760.8	721.8	703.5	669.6	651.4	640.9
72.5°	302.2	185.0	221.5	453.4	651.4	635.8	601.9	581.0	552.4	536.7	526.3
75°	244.9	195.4	169.4	336.1	528.9	518.5	487.2	466.4	442.9	422.1	424.7
77.5°	179.7	182.4	135.5	247.5	419.4	403.9	385.6	359.6	349.1	328.3	328.3
80°	135.5	143.3	101.7	169.4	302.2	302.2	286.6	268.4	250.1	239.7	239.7
82.5°	91.2	91.2	75.5	106.8	205.9	198.0	187.6	182.4	172.0	166.7	166.7
85°	41.7	52.1	46.9	65.2	112.0	117.2	117.2	112.0	109.4	104.2	106.8
87.5°	13.0	23.5	28.7	36.5	57.3	59.9	62.5	62.5	62.5	65.2	65.2
90°	4.0	7.3	10.6	11.3	17.8	26.5	30.9	27.4	20.6	15.5	15.5
92.5°	16.3	43.9	71.6	78.5	110.3	152.7	173.9	152.4	109.4	77.2	74.1
95°	39.0	89.6	140.2	152.8	271.3	429.4	508.5	453.8	344.3	262.2	252.9
97.5°	67.4	112.0	156.7	167.8	365.5	629.1	760.9	726.3	657.1	605.2	587.5
100°	89.4	129.9	170.3	180.4	399.8	692.3	838.5	841.1	846.1	849.8	828.7
102.5°	108.2	145.9	183.6	193.1	415.5	712.2	860.5	904.6	992.7	1058.8	1040.7
105°	139.8	171.8	203.8	211.8	427.2	714.5	858.0	956.8	1154.5	1302.7	1292.9
107.5°	172.4	202.1	231.9	239.4	429.3	682.6	809.2	947.1	1222.7	1429.5	1431.9
110°	194.2	221.2	248.2	254.9	426.1	654.4	768.6	922.7	1230.8	1461.9	1472.1

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	215.8	241.5	267.1	273.5	426.2	629.9	731.6	889.3	1204.7	1441.2	1456.8
115°	248.4	272.0	295.7	301.6	430.2	601.7	687.3	839.3	1143.1	1370.9	1392.4
117.5°	280.4	301.9	323.4	328.8	438.2	583.9	656.8	793.9	1068.1	1273.8	1297.7
120°	299.2	319.4	339.7	344.7	444.7	578.0	644.6	769.9	1020.4	1208.3	1231.5
122.5°	317.4	337.8	358.2	363.3	454.0	574.8	635.3	748.1	973.8	1143.0	1165.8
125°	345.5	364.0	382.7	387.3	466.6	572.3	625.1	721.0	912.6	1056.4	1077.5
127.5°	368.3	387.0	405.7	410.5	479.2	570.8	616.5	698.9	863.4	986.9	1004.6
130°	380.4	400.6	420.9	426.0	488.4	571.7	613.3	686.6	833.1	942.9	959.4
132.5°	393.0	413.2	433.5	438.6	495.9	572.3	610.5	676.1	807.2	905.5	920.2
135°	411.8	430.2	448.5	453.2	503.9	571.7	605.6	660.5	770.4	852.7	865.4
137.5°	430.9	449.1	467.4	471.9	516.2	575.2	604.8	651.3	744.1	813.7	824.1
140°	446.7	463.5	480.3	484.5	523.7	575.8	602.0	642.1	722.2	782.4	792.1
142.5°	458.9	474.4	489.9	493.8	529.9	577.9	602.0	637.2	707.7	760.5	768.9
145°	477.6	491.1	504.7	508.1	538.1	578.0	597.9	626.7	684.4	727.6	733.9
147.5°	496.3	509.5	522.7	525.9	549.9	581.9	597.9	620.6	665.8	699.9	705.1
150°	508.5	520.4	532.3	535.3	556.2	584.0	597.9	617.0	655.4	684.1	688.3
152.5°	521.1	530.2	539.1	541.4	560.2	585.4	597.9	614.3	646.9	671.5	674.7
155°	539.7	546.4	553.1	554.8	569.2	588.3	597.9	610.9	636.9	656.4	658.5
157.5°	553.5	560.0	566.6	568.2	578.1	591.3	597.9	608.0	628.2	643.4	644.8
160°	562.9	568.0	573.1	574.3	582.2	592.7	597.9	606.6	623.8	636.9	637.7
162.5°	572.3	576.1	579.9	580.9	586.6	594.2	597.9	605.2	619.9	630.8	631.6
165°	582.4	585.9	589.2	590.1	592.7	596.1	597.9	603.1	613.6	621.5	622.4
167.5°	591.8	593.4	595.1	595.4	597.6	600.5	602.0	605.4	612.3	617.4	617.8
170°	597.9	599.5	601.2	601.6	601.7	601.9	602.0	605.4	612.3	617.4	617.4
172.5°	601.2	601.6	601.9	602.0	602.0	602.0	602.0	604.7	610.1	614.2	613.9
175°	605.6	605.6	605.6	605.6	604.4	602.7	602.0	603.6	607.1	609.6	609.6
177.5°	605.6	605.6	605.6	605.6	604.6	603.3	602.7	604.1	606.8	608.9	608.5
180°	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0
2.5°	2824.3	2816.5	2824.3	2819.2	2821.7	2813.9	2790.5	2782.7	2790.5	2798.3	2798.3
5°	2858.2	2853.0	2858.2	2858.2	2855.7	2850.4	2824.3	2819.2	2824.3	2827.0	2821.7
7.5°	2868.7	2860.8	2868.7	2863.4	2863.4	2858.2	2832.2	2827.0	2829.5	2837.4	2829.5
10°	2868.7	2860.8	2868.7	2866.0	2863.4	2858.2	2832.2	2821.7	2821.7	2829.5	2821.7
12.5°	2855.7	2850.4	2855.7	2850.4	2850.4	2845.2	2819.2	2808.7	2811.3	2813.9	2803.5
15°	2834.8	2827.0	2834.8	2829.5	2832.2	2824.3	2795.7	2785.3	2785.3	2790.5	2772.2
17.5°	2803.5	2793.0	2803.5	2800.9	2798.3	2793.0	2767.0	2756.6	2754.0	2756.6	2743.5
20°	2767.0	2759.2	2767.0	2764.4	2764.4	2754.0	2728.0	2715.0	2715.0	2715.0	2701.8
22.5°	2709.7	2701.8	2709.7	2715.0	2715.0	2712.3	2688.8	2670.6	2665.4	2665.4	2649.8
25°	2644.6	2636.8	2644.6	2644.6	2642.0	2644.6	2636.8	2626.3	2618.5	2610.7	2595.1
27.5°	2582.0	2576.8	2582.0	2576.8	2582.0	2574.2	2571.6	2569.0	2558.6	2550.8	2529.9
30°	2519.5	2514.3	2519.5	2514.3	2509.1	2503.8	2490.8	2485.6	2496.1	2490.8	2457.0
32.5°	2441.3	2436.1	2441.3	2441.3	2436.1	2436.1	2415.3	2407.4	2410.1	2425.7	2394.4
35°	2360.6	2352.8	2360.6	2357.9	2360.6	2352.8	2339.7	2337.1	2326.7	2344.9	2321.4
37.5°	2266.8	2258.9	2266.8	2266.8	2266.8	2271.9	2261.6	2253.7	2238.1	2261.6	2243.3
40°	2170.4	2159.9	2170.4	2167.7	2170.4	2175.6	2170.4	2165.2	2149.5	2167.7	2152.1
42.5°	2060.9	2058.4	2060.9	2063.5	2063.5	2074.0	2081.7	2071.4	2066.2	2053.1	2063.5
45°	1943.7	1938.5	1943.7	1948.9	1951.5	1956.7	1980.2	1980.2	1972.4	1951.5	1967.2
47.5°	1818.6	1805.6	1818.6	1834.3	1834.3	1842.0	1865.5	1883.8	1870.7	1844.7	1852.5
50°	1685.8	1688.3	1685.8	1696.1	1696.1	1724.8	1743.1	1761.3	1774.3	1743.1	1706.6
52.5°	1555.5	1552.9	1555.5	1563.3	1573.8	1586.8	1618.0	1636.3	1657.1	1638.8	1581.5
55°	1425.2	1430.4	1425.2	1427.8	1433.1	1440.8	1487.8	1505.9	1545.1	1521.6	1461.6
57.5°	1294.9	1287.1	1294.9	1300.1	1302.7	1310.6	1349.6	1383.6	1406.9	1409.6	1336.6
60°	1143.8	1133.4	1143.8	1167.2	1172.5	1177.7	1214.2	1245.4	1266.2	1274.1	1198.5
62.5°	1010.9	992.7	1010.9	1026.5	1037.0	1050.0	1076.0	1123.0	1141.2	1143.8	1037.0
65°	870.2	862.5	870.2	901.5	904.1	919.7	948.4	982.3	1021.3	1016.2	862.5
67.5°	742.6	742.6	742.6	763.4	779.0	786.8	823.3	839.0	888.5	893.7	719.1
70°	625.3	622.8	625.3	640.9	651.4	669.6	703.5	721.8	760.8	773.8	583.6
72.5°	513.3	510.6	513.3	526.3	536.7	552.4	581.0	601.9	635.8	651.4	453.4
75°	414.3	409.1	414.3	424.7	422.1	442.9	466.4	487.2	518.5	528.9	336.1
77.5°	317.9	317.9	317.9	328.3	328.3	349.1	359.6	385.6	403.9	419.4	247.5
80°	237.1	234.5	237.1	239.7	239.7	250.1	268.4	286.6	302.2	302.2	169.4
82.5°	166.7	161.5	166.7	166.7	166.7	172.0	182.4	187.6	198.0	205.9	106.8
85°	104.2	104.2	104.2	106.8	104.2	109.4	112.0	117.2	117.2	112.0	65.2
87.5°	67.7	65.2	67.7	65.2	65.2	62.5	62.5	62.5	59.9	57.3	36.5
90°	15.5	15.5	15.5	15.5	15.5	20.6	27.4	30.9	26.5	17.8	11.3
92.5°	61.8	49.6	61.8	74.1	77.2	109.4	152.4	173.9	152.7	110.3	78.5
95°	215.6	178.5	215.6	252.9	262.2	344.3	453.8	508.5	429.4	271.3	152.8
97.5°	516.7	445.9	516.7	587.5	605.2	657.1	726.3	760.9	629.1	365.5	167.8
100°	744.4	660.0	744.4	828.7	849.8	846.1	841.1	838.5	692.3	399.8	180.4
102.5°	968.4	896.2	968.4	1040.7	1058.8	992.7	904.6	860.5	712.2	415.5	193.1
105°	1254.1	1215.2	1254.1	1292.9	1302.7	1154.5	956.8	858.0	714.5	427.2	211.8
107.5°	1441.2	1450.6	1441.2	1431.9	1429.5	1222.7	947.1	809.2	682.6	429.3	239.4
110°	1512.5	1553.0	1512.5	1472.1	1461.9	1230.8	922.7	768.6	654.4	426.1	254.9

TEST NUMBER: P934493

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1518.9	1581.1	1518.9	1456.8	1441.2	1204.7	889.3	731.6	629.9	426.2	273.5
115°	1478.6	1564.8	1478.6	1392.4	1370.9	1143.1	839.3	687.3	601.7	430.2	301.6
117.5°	1393.3	1488.9	1393.3	1297.7	1273.8	1068.1	793.9	656.8	583.9	438.2	328.8
120°	1324.4	1417.3	1324.4	1231.5	1208.3	1020.4	769.9	644.6	578.0	444.7	344.7
122.5°	1257.4	1349.0	1257.4	1165.8	1143.0	973.8	748.1	635.3	574.8	454.0	363.3
125°	1161.8	1246.2	1161.8	1077.5	1056.4	912.6	721.0	625.1	572.3	466.6	387.3
127.5°	1075.8	1147.0	1075.8	1004.6	986.9	863.4	698.9	616.5	570.8	479.2	410.5
130°	1025.1	1090.9	1025.1	959.4	942.9	833.1	686.6	613.3	571.7	488.4	426.0
132.5°	979.2	1038.1	979.2	920.2	905.5	807.2	676.1	610.5	572.3	495.9	438.6
135°	916.2	967.0	916.2	865.4	852.7	770.4	660.5	605.6	571.7	503.9	453.2
137.5°	865.7	907.2	865.7	824.1	813.7	744.1	651.3	604.8	575.2	516.2	471.9
140°	830.9	869.8	830.9	792.1	782.4	722.2	642.1	602.0	575.8	523.7	484.5
142.5°	802.2	835.6	802.2	768.9	760.5	707.7	637.2	602.0	577.9	529.9	493.8
145°	759.2	784.5	759.2	733.9	727.6	684.4	626.7	597.9	578.0	538.1	508.1
147.5°	726.1	747.1	726.1	705.1	699.9	665.8	620.6	597.9	581.9	549.9	525.9
150°	705.3	722.2	705.3	688.3	684.1	655.4	617.0	597.9	584.0	556.2	535.3
152.5°	687.5	700.4	687.5	674.7	671.5	646.9	614.3	597.9	585.4	560.2	541.4
155°	667.0	675.5	667.0	658.5	656.4	636.9	610.9	597.9	588.3	569.2	554.8
157.5°	650.9	656.8	650.9	644.8	643.4	628.2	608.0	597.9	591.3	578.1	568.2
160°	641.2	644.6	641.2	637.7	636.9	623.8	606.6	597.9	592.7	582.2	574.3
162.5°	634.9	638.1	634.9	631.6	630.8	619.9	605.2	597.9	594.2	586.6	580.9
165°	625.7	629.2	625.7	622.4	621.5	613.6	603.1	597.9	596.1	592.7	590.1
167.5°	619.2	620.7	619.2	617.8	617.4	612.3	605.4	602.0	600.5	597.6	595.4
170°	617.4	617.4	617.4	617.4	617.4	612.3	605.4	602.0	601.9	601.7	601.6
172.5°	612.6	611.3	612.6	613.9	614.2	610.1	604.7	602.0	602.0	602.0	602.0
175°	609.6	609.6	609.6	609.6	609.6	607.1	603.6	602.0	602.7	604.4	605.6
177.5°	607.1	605.6	607.1	608.5	608.9	606.8	604.1	602.7	603.3	604.6	605.6
180°	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6

TEST NUMBER: P934493

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0
2.5°	2793.0	2777.5	2777.5	2751.4	2741.0	2733.2	2720.1	2681.0	2670.6	2660.2	2675.8
5°	2816.5	2787.8	2767.0	2720.1	2681.0	2665.4	2615.9	2522.1	2459.6	2412.6	2386.6
7.5°	2821.7	2785.3	2746.2	2673.2	2579.4	2537.8	2386.6	2214.7	2167.7	2126.1	2100.0
10°	2816.5	2774.8	2720.1	2610.7	2389.2	2316.3	2165.2	2053.1	2024.5	2016.7	2024.5
12.5°	2798.3	2759.2	2683.6	2501.3	2191.2	2141.7	2053.1	1988.0	1982.7	1995.8	2066.2
15°	2767.0	2730.5	2642.0	2355.4	2081.7	2045.3	1982.7	1959.3	1988.0	2079.2	2290.2
17.5°	2735.8	2694.0	2584.6	2212.1	1998.4	1972.4	1928.0	1975.0	2136.5	2258.9	2329.3
20°	2694.0	2644.6	2519.5	2107.9	1938.5	1915.0	1894.2	2105.2	2227.7	2271.9	2311.1
22.5°	2644.6	2592.5	2430.9	2034.9	1876.0	1857.7	1870.7	2178.2	2227.7	2258.9	2292.8
25°	2579.4	2535.1	2326.7	1977.5	1826.5	1805.6	1855.1	2170.4	2199.0	2206.9	2274.6
27.5°	2519.5	2462.1	2217.2	1925.5	1766.5	1758.7	1868.2	2136.5	2157.4	2165.2	2238.1
30°	2446.6	2360.6	2094.8	1870.7	1704.0	1701.3	1870.7	2094.8	2089.6	2110.4	2183.4
32.5°	2371.0	2209.4	1956.7	1803.0	1644.1	1641.5	1852.5	2032.2	2027.0	2055.7	2110.4
35°	2300.6	2092.2	1769.1	1724.8	1568.5	1571.1	1808.2	1959.3	1961.9	1988.0	2021.9
37.5°	2227.7	1990.5	1563.3	1638.8	1495.6	1495.6	1748.3	1891.5	1886.4	1894.2	1941.0
40°	2141.7	1831.7	1380.9	1526.8	1427.8	1419.9	1675.3	1818.6	1800.3	1797.8	1862.9
42.5°	2050.5	1657.1	1245.4	1378.3	1349.6	1339.2	1586.8	1730.0	1696.1	1704.0	1787.3
45°	1951.5	1610.1	1141.2	1164.7	1268.9	1261.1	1490.3	1628.4	1605.0	1625.8	1711.8
47.5°	1852.5	1516.4	1107.4	966.7	1182.9	1180.2	1383.6	1529.4	1516.4	1537.3	1628.4
50°	1717.0	1412.1	1104.7	828.5	1086.5	1096.9	1255.9	1433.1	1433.1	1451.3	1547.6
52.5°	1542.4	1284.5	1003.2	750.3	974.5	1005.7	1143.8	1349.6	1354.9	1373.1	1459.1
55°	1383.6	1151.6	930.2	690.5	841.6	909.3	1034.4	1263.7	1274.1	1292.4	1370.4
57.5°	1237.6	958.8	914.5	620.1	719.1	784.3	938.0	1180.2	1185.5	1201.1	1276.7
60°	1081.2	693.1	839.0	544.6	612.3	661.8	849.3	1081.2	1099.5	1109.9	1175.1
62.5°	904.1	502.9	760.8	492.4	560.1	570.6	776.5	987.5	1010.9	1018.7	1057.8
65°	643.6	422.1	646.1	448.1	505.4	508.1	698.3	891.0	912.0	925.0	953.6
67.5°	435.1	343.9	492.4	406.4	463.8	466.4	622.8	779.0	807.7	818.1	836.3
70°	302.2	229.2	364.7	362.2	416.9	422.1	541.9	677.4	703.5	711.3	721.8
72.5°	221.5	185.0	302.2	325.7	367.4	372.6	458.6	562.8	588.8	596.6	601.9
75°	169.4	195.4	244.9	284.0	312.7	315.2	375.2	458.6	476.8	482.1	484.6
77.5°	135.5	182.4	179.7	229.2	255.4	250.1	294.4	354.4	369.9	369.9	369.9
80°	101.7	143.3	135.5	164.2	187.6	182.4	211.0	252.7	257.9	263.2	260.5
82.5°	75.5	91.2	91.2	104.2	125.0	119.9	140.7	164.2	164.2	164.2	169.4
85°	46.9	52.1	41.7	54.7	70.3	67.7	78.2	88.5	91.2	91.2	86.0
87.5°	28.7	23.5	13.0	20.8	31.3	31.3	36.5	39.0	36.5	36.5	36.5
90°	10.6	7.3	4.0	7.3	10.6	11.3	17.8	26.5	30.9	27.4	20.6
92.5°	71.6	43.9	16.3	43.9	71.6	78.5	110.3	152.7	173.9	152.4	109.4
95°	140.2	89.6	39.0	89.6	140.2	152.8	271.3	429.4	508.5	453.8	344.3
97.5°	156.7	112.0	67.4	112.0	156.7	167.8	365.5	629.1	760.9	726.3	657.1
100°	170.3	129.9	89.4	129.9	170.3	180.4	399.8	692.3	838.5	841.1	846.1
102.5°	183.6	145.9	108.2	145.9	183.6	193.1	415.5	712.2	860.5	904.6	992.7
105°	203.8	171.8	139.8	171.8	203.8	211.8	427.2	714.5	858.0	956.8	1154.5
107.5°	231.9	202.1	172.4	202.1	231.9	239.4	429.3	682.6	809.2	947.1	1222.7
110°	248.2	221.2	194.2	221.2	248.2	254.9	426.1	654.4	768.6	922.7	1230.8

TEST NUMBER: P934493

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	267.1	241.5	215.8	241.5	267.1	273.5	426.2	629.9	731.6	889.3	1204.7
115°	295.7	272.0	248.4	272.0	295.7	301.6	430.2	601.7	687.3	839.3	1143.1
117.5°	323.4	301.9	280.4	301.9	323.4	328.8	438.2	583.9	656.8	793.9	1068.1
120°	339.7	319.4	299.2	319.4	339.7	344.7	444.7	578.0	644.6	769.9	1020.4
122.5°	358.2	337.8	317.4	337.8	358.2	363.3	454.0	574.8	635.3	748.1	973.8
125°	382.7	364.0	345.5	364.0	382.7	387.3	466.6	572.3	625.1	721.0	912.6
127.5°	405.7	387.0	368.3	387.0	405.7	410.5	479.2	570.8	616.5	698.9	863.4
130°	420.9	400.6	380.4	400.6	420.9	426.0	488.4	571.7	613.3	686.6	833.1
132.5°	433.5	413.2	393.0	413.2	433.5	438.6	495.9	572.3	610.5	676.1	807.2
135°	448.5	430.2	411.8	430.2	448.5	453.2	503.9	571.7	605.6	660.5	770.4
137.5°	467.4	449.1	430.9	449.1	467.4	471.9	516.2	575.2	604.8	651.3	744.1
140°	480.3	463.5	446.7	463.5	480.3	484.5	523.7	575.8	602.0	642.1	722.2
142.5°	489.9	474.4	458.9	474.4	489.9	493.8	529.9	577.9	602.0	637.2	707.7
145°	504.7	491.1	477.6	491.1	504.7	508.1	538.1	578.0	597.9	626.7	684.4
147.5°	522.7	509.5	496.3	509.5	522.7	525.9	549.9	581.9	597.9	620.6	665.8
150°	532.3	520.4	508.5	520.4	532.3	535.3	556.2	584.0	597.9	617.0	655.4
152.5°	539.1	530.2	521.1	530.2	539.1	541.4	560.2	585.4	597.9	614.3	646.9
155°	553.1	546.4	539.7	546.4	553.1	554.8	569.2	588.3	597.9	610.9	636.9
157.5°	566.6	560.0	553.5	560.0	566.6	568.2	578.1	591.3	597.9	608.0	628.2
160°	573.1	568.0	562.9	568.0	573.1	574.3	582.2	592.7	597.9	606.6	623.8
162.5°	579.9	576.1	572.3	576.1	579.9	580.9	586.6	594.2	597.9	605.2	619.9
165°	589.2	585.9	582.4	585.9	589.2	590.1	592.7	596.1	597.9	603.1	613.6
167.5°	595.1	593.4	591.8	593.4	595.1	595.4	597.6	600.5	602.0	605.4	612.3
170°	601.2	599.5	597.9	599.5	601.2	601.6	601.7	601.9	602.0	605.4	612.3
172.5°	601.9	601.6	601.2	601.6	601.9	602.0	602.0	602.0	602.0	604.7	610.1
175°	605.6	605.6	605.6	605.6	605.6	605.6	604.4	602.7	602.0	603.6	607.1
177.5°	605.6	605.6	605.6	605.6	605.6	605.6	604.6	603.3	602.7	604.1	606.8
180°	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6

TEST NUMBER: P934493

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0	2754.0
2.5°	2657.6	2649.8	2660.2	2631.5	2660.2	2649.8	2657.6	2675.8	2660.2	2670.6	2681.0
5°	2331.9	2318.9	2277.2	2243.3	2277.2	2318.9	2331.9	2386.6	2412.6	2459.6	2522.1
7.5°	2084.4	2074.0	2063.5	2042.7	2063.5	2074.0	2084.4	2100.0	2126.1	2167.7	2214.7
10°	2029.7	2032.2	2047.9	2045.3	2047.9	2032.2	2029.7	2024.5	2016.7	2024.5	2053.1
12.5°	2170.4	2193.8	2279.8	2274.6	2279.8	2193.8	2170.4	2066.2	1995.8	1982.7	1988.0
15°	2331.9	2339.7	2357.9	2360.6	2357.9	2339.7	2331.9	2290.2	2079.2	1988.0	1959.3
17.5°	2347.6	2350.1	2363.1	2363.1	2363.1	2350.1	2347.6	2329.3	2258.9	2136.5	1975.0
20°	2334.6	2339.7	2365.8	2371.0	2365.8	2339.7	2334.6	2311.1	2271.9	2227.7	2105.2
22.5°	2329.3	2339.7	2360.6	2357.9	2360.6	2339.7	2329.3	2292.8	2258.9	2227.7	2178.2
25°	2303.2	2303.2	2305.9	2308.4	2305.9	2303.2	2303.2	2274.6	2206.9	2199.0	2170.4
27.5°	2248.6	2253.7	2269.4	2266.8	2269.4	2253.7	2248.6	2238.1	2165.2	2157.4	2136.5
30°	2199.0	2193.8	2180.7	2170.4	2180.7	2193.8	2199.0	2183.4	2110.4	2089.6	2094.8
32.5°	2115.7	2102.6	2089.6	2081.7	2089.6	2102.6	2115.7	2110.4	2055.7	2027.0	2032.2
35°	2016.7	2019.2	2016.7	2008.8	2016.7	2019.2	2016.7	2021.9	1988.0	1961.9	1959.3
37.5°	1946.3	1951.5	1948.9	1938.5	1948.9	1951.5	1946.3	1941.0	1894.2	1886.4	1891.5
40°	1873.3	1876.0	1873.3	1865.5	1873.3	1876.0	1873.3	1862.9	1797.8	1800.3	1818.6
42.5°	1803.0	1800.3	1792.5	1787.3	1792.5	1800.3	1803.0	1787.3	1704.0	1696.1	1730.0
45°	1722.2	1724.8	1709.2	1701.3	1709.2	1724.8	1722.2	1711.8	1625.8	1605.0	1628.4
47.5°	1641.5	1641.5	1628.4	1620.6	1628.4	1641.5	1641.5	1628.4	1537.3	1516.4	1529.4
50°	1555.5	1552.9	1534.6	1532.0	1534.6	1552.9	1555.5	1547.6	1451.3	1433.1	1433.1
52.5°	1456.4	1456.4	1459.1	1464.3	1459.1	1456.4	1456.4	1459.1	1373.1	1354.9	1349.6
55°	1370.4	1373.1	1391.3	1396.6	1391.3	1373.1	1370.4	1370.4	1292.4	1274.1	1263.7
57.5°	1281.9	1281.9	1294.9	1294.9	1294.9	1281.9	1281.9	1276.7	1201.1	1185.5	1180.2
60°	1180.2	1185.5	1195.9	1193.4	1195.9	1185.5	1180.2	1175.1	1109.9	1099.5	1081.2
62.5°	1073.5	1078.7	1081.2	1076.0	1081.2	1078.7	1073.5	1057.8	1018.7	1010.9	987.5
65°	961.4	966.7	969.2	964.0	969.2	966.7	961.4	953.6	925.0	912.0	891.0
67.5°	846.8	844.2	841.6	852.0	841.6	844.2	846.8	836.3	818.1	807.7	779.0
70°	729.5	729.5	726.9	732.1	726.9	729.5	729.5	721.8	711.3	703.5	677.4
72.5°	604.5	601.9	612.3	604.5	612.3	601.9	604.5	601.9	596.6	588.8	562.8
75°	482.1	487.2	482.1	489.8	482.1	487.2	482.1	484.6	482.1	476.8	458.6
77.5°	367.4	372.6	367.4	367.4	367.4	372.6	367.4	369.9	369.9	369.9	354.4
80°	260.5	257.9	257.9	255.4	257.9	257.9	260.5	260.5	263.2	257.9	252.7
82.5°	166.7	164.2	164.2	169.4	164.2	164.2	166.7	169.4	164.2	164.2	164.2
85°	91.2	93.8	88.5	88.5	88.5	93.8	91.2	86.0	91.2	91.2	88.5
87.5°	33.9	31.3	31.3	31.3	31.3	31.3	33.9	36.5	36.5	36.5	39.0
90°	15.5	15.5	15.5	15.5	15.5	15.5	15.5	20.6	27.4	30.9	26.5
92.5°	77.2	74.1	61.8	49.6	61.8	74.1	77.2	109.4	152.4	173.9	152.7
95°	262.2	252.9	215.6	178.5	215.6	252.9	262.2	344.3	453.8	508.5	429.4
97.5°	605.2	587.5	516.7	445.9	516.7	587.5	605.2	657.1	726.3	760.9	629.1
100°	849.8	828.7	744.4	660.0	744.4	828.7	849.8	846.1	841.1	838.5	692.3
102.5°	1058.8	1040.7	968.4	896.2	968.4	1040.7	1058.8	992.7	904.6	860.5	712.2
105°	1302.7	1292.9	1254.1	1215.2	1254.1	1292.9	1302.7	1154.5	956.8	858.0	714.5
107.5°	1429.5	1431.9	1441.2	1450.6	1441.2	1431.9	1429.5	1222.7	947.1	809.2	682.6
110°	1461.9	1472.1	1512.5	1553.0	1512.5	1472.1	1461.9	1230.8	922.7	768.6	654.4

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1441.2	1456.8	1518.9	1581.1	1518.9	1456.8	1441.2	1204.7	889.3	731.6	629.9
115°	1370.9	1392.4	1478.6	1564.8	1478.6	1392.4	1370.9	1143.1	839.3	687.3	601.7
117.5°	1273.8	1297.7	1393.3	1488.9	1393.3	1297.7	1273.8	1068.1	793.9	656.8	583.9
120°	1208.3	1231.5	1324.4	1417.3	1324.4	1231.5	1208.3	1020.4	769.9	644.6	578.0
122.5°	1143.0	1165.8	1257.4	1349.0	1257.4	1165.8	1143.0	973.8	748.1	635.3	574.8
125°	1056.4	1077.5	1161.8	1246.2	1161.8	1077.5	1056.4	912.6	721.0	625.1	572.3
127.5°	986.9	1004.6	1075.8	1147.0	1075.8	1004.6	986.9	863.4	698.9	616.5	570.8
130°	942.9	959.4	1025.1	1090.9	1025.1	959.4	942.9	833.1	686.6	613.3	571.7
132.5°	905.5	920.2	979.2	1038.1	979.2	920.2	905.5	807.2	676.1	610.5	572.3
135°	852.7	865.4	916.2	967.0	916.2	865.4	852.7	770.4	660.5	605.6	571.7
137.5°	813.7	824.1	865.7	907.2	865.7	824.1	813.7	744.1	651.3	604.8	575.2
140°	782.4	792.1	830.9	869.8	830.9	792.1	782.4	722.2	642.1	602.0	575.8
142.5°	760.5	768.9	802.2	835.6	802.2	768.9	760.5	707.7	637.2	602.0	577.9
145°	727.6	733.9	759.2	784.5	759.2	733.9	727.6	684.4	626.7	597.9	578.0
147.5°	699.9	705.1	726.1	747.1	726.1	705.1	699.9	665.8	620.6	597.9	581.9
150°	684.1	688.3	705.3	722.2	705.3	688.3	684.1	655.4	617.0	597.9	584.0
152.5°	671.5	674.7	687.5	700.4	687.5	674.7	671.5	646.9	614.3	597.9	585.4
155°	656.4	658.5	667.0	675.5	667.0	658.5	656.4	636.9	610.9	597.9	588.3
157.5°	643.4	644.8	650.9	656.8	650.9	644.8	643.4	628.2	608.0	597.9	591.3
160°	636.9	637.7	641.2	644.6	641.2	637.7	636.9	623.8	606.6	597.9	592.7
162.5°	630.8	631.6	634.9	638.1	634.9	631.6	630.8	619.9	605.2	597.9	594.2
165°	621.5	622.4	625.7	629.2	625.7	622.4	621.5	613.6	603.1	597.9	596.1
167.5°	617.4	617.8	619.2	620.7	619.2	617.8	617.4	612.3	605.4	602.0	600.5
170°	617.4	617.4	617.4	617.4	617.4	617.4	617.4	612.3	605.4	602.0	601.9
172.5°	614.2	613.9	612.6	611.3	612.6	613.9	614.2	610.1	604.7	602.0	602.0
175°	609.6	609.6	609.6	609.6	609.6	609.6	609.6	607.1	603.6	602.0	602.7
177.5°	608.9	608.5	607.1	605.6	607.1	608.5	608.9	606.8	604.1	602.7	603.3
180°	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6	605.6

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2754.0	2754.0	2754.0	2754.0	2754.0
2.5°	2720.1	2733.2	2741.0	2751.4	2777.5
5°	2615.9	2665.4	2681.0	2720.1	2767.0
7.5°	2386.6	2537.8	2579.4	2673.2	2746.2
10°	2165.2	2316.3	2389.2	2610.7	2720.1
12.5°	2053.1	2141.7	2191.2	2501.3	2683.6
15°	1982.7	2045.3	2081.7	2355.4	2642.0
17.5°	1928.0	1972.4	1998.4	2212.1	2584.6
20°	1894.2	1915.0	1938.5	2107.9	2519.5
22.5°	1870.7	1857.7	1876.0	2034.9	2430.9
25°	1855.1	1805.6	1826.5	1977.5	2326.7
27.5°	1868.2	1758.7	1766.5	1925.5	2217.2
30°	1870.7	1701.3	1704.0	1870.7	2094.8
32.5°	1852.5	1641.5	1644.1	1803.0	1956.7
35°	1808.2	1571.1	1568.5	1724.8	1769.1
37.5°	1748.3	1495.6	1495.6	1638.8	1563.3
40°	1675.3	1419.9	1427.8	1526.8	1380.9
42.5°	1586.8	1339.2	1349.6	1378.3	1245.4
45°	1490.3	1261.1	1268.9	1164.7	1141.2
47.5°	1383.6	1180.2	1182.9	966.7	1107.4
50°	1255.9	1096.9	1086.5	828.5	1104.7
52.5°	1143.8	1005.7	974.5	750.3	1003.2
55°	1034.4	909.3	841.6	690.5	930.2
57.5°	938.0	784.3	719.1	620.1	914.5
60°	849.3	661.8	612.3	544.6	839.0
62.5°	776.5	570.6	560.1	492.4	760.8
65°	698.3	508.1	505.4	448.1	646.1
67.5°	622.8	466.4	463.8	406.4	492.4
70°	541.9	422.1	416.9	362.2	364.7
72.5°	458.6	372.6	367.4	325.7	302.2
75°	375.2	315.2	312.7	284.0	244.9
77.5°	294.4	250.1	255.4	229.2	179.7
80°	211.0	182.4	187.6	164.2	135.5
82.5°	140.7	119.9	125.0	104.2	91.2
85°	78.2	67.7	70.3	54.7	41.7
87.5°	36.5	31.3	31.3	20.8	13.0
90°	17.8	11.3	10.6	7.3	4.0
92.5°	110.3	78.5	71.6	43.9	16.3
95°	271.3	152.8	140.2	89.6	39.0
97.5°	365.5	167.8	156.7	112.0	67.4
100°	399.8	180.4	170.3	129.9	89.4
102.5°	415.5	193.1	183.6	145.9	108.2
105°	427.2	211.8	203.8	171.8	139.8
107.5°	429.3	239.4	231.9	202.1	172.4
110°	426.1	254.9	248.2	221.2	194.2

TEST NUMBER: P934493

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	426.2	273.5	267.1	241.5	215.8
115°	430.2	301.6	295.7	272.0	248.4
117.5°	438.2	328.8	323.4	301.9	280.4
120°	444.7	344.7	339.7	319.4	299.2
122.5°	454.0	363.3	358.2	337.8	317.4
125°	466.6	387.3	382.7	364.0	345.5
127.5°	479.2	410.5	405.7	387.0	368.3
130°	488.4	426.0	420.9	400.6	380.4
132.5°	495.9	438.6	433.5	413.2	393.0
135°	503.9	453.2	448.5	430.2	411.8
137.5°	516.2	471.9	467.4	449.1	430.9
140°	523.7	484.5	480.3	463.5	446.7
142.5°	529.9	493.8	489.9	474.4	458.9
145°	538.1	508.1	504.7	491.1	477.6
147.5°	549.9	525.9	522.7	509.5	496.3
150°	556.2	535.3	532.3	520.4	508.5
152.5°	560.2	541.4	539.1	530.2	521.1
155°	569.2	554.8	553.1	546.4	539.7
157.5°	578.1	568.2	566.6	560.0	553.5
160°	582.2	574.3	573.1	568.0	562.9
162.5°	586.6	580.9	579.9	576.1	572.3
165°	592.7	590.1	589.2	585.9	582.4
167.5°	597.6	595.4	595.1	593.4	591.8
170°	601.7	601.6	601.2	599.5	597.9
172.5°	602.0	602.0	601.9	601.6	601.2
175°	604.4	605.6	605.6	605.6	605.6
177.5°	604.6	605.6	605.6	605.6	605.6
180°	605.6	605.6	605.6	605.6	605.6

TEST NUMBER: P934493

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-3000K

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	14.90	15.91	15.72	16.75	17.80	17.74	18.75	18.56	19.59	20.64
	3H	15.39	16.30	16.22	17.15	18.22	19.10	20.00	19.93	20.86	21.93
	4H	15.59	16.44	16.44	17.30	18.39	19.55	20.41	20.40	21.27	22.35
	6H	15.71	16.50	16.58	17.37	18.47	19.85	20.63	20.71	21.50	22.60
	8H	15.72	16.47	16.59	17.36	18.46	19.93	20.68	20.80	21.56	22.66
	12H	15.70	16.41	16.57	17.29	18.42	19.97	20.69	20.85	21.57	22.69
4H	2H	15.95	16.81	16.81	17.67	18.76	18.17	19.02	19.02	19.88	20.97
	3H	16.99	17.71	17.86	18.60	19.70	19.69	20.40	20.56	21.29	22.40
	4H	17.28	17.93	18.16	18.82	19.94	20.22	20.87	21.10	21.76	22.89
	6H	17.41	17.97	18.31	18.89	20.02	20.60	21.16	21.49	22.07	23.20
	8H	17.42	17.94	18.32	18.85	20.00	20.71	21.23	21.61	22.14	23.29
	12H	17.39	17.87	18.31	18.79	19.94	20.78	21.25	21.69	22.18	23.32
8H	4H	17.74	18.27	18.64	19.18	20.32	20.36	20.88	21.26	21.79	22.94
	6H	18.01	18.44	18.94	19.40	20.54	20.80	21.24	21.73	22.19	23.33
	8H	18.06	18.44	18.99	19.38	20.54	20.96	21.34	21.89	22.29	23.45
	12H	18.05	18.38	18.98	19.32	20.53	21.07	21.40	22.00	22.34	23.55
12H	4H	17.76	18.23	18.68	19.16	20.31	20.33	20.80	21.25	21.73	22.88
	6H	18.07	18.46	19.01	19.40	20.56	20.80	21.19	21.74	22.13	23.29
	8H	18.15	18.49	19.09	19.42	20.63	20.97	21.31	21.91	22.25	23.46

END OF REPORT