

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: P934496

Luminaire Tested: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934496
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-8-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

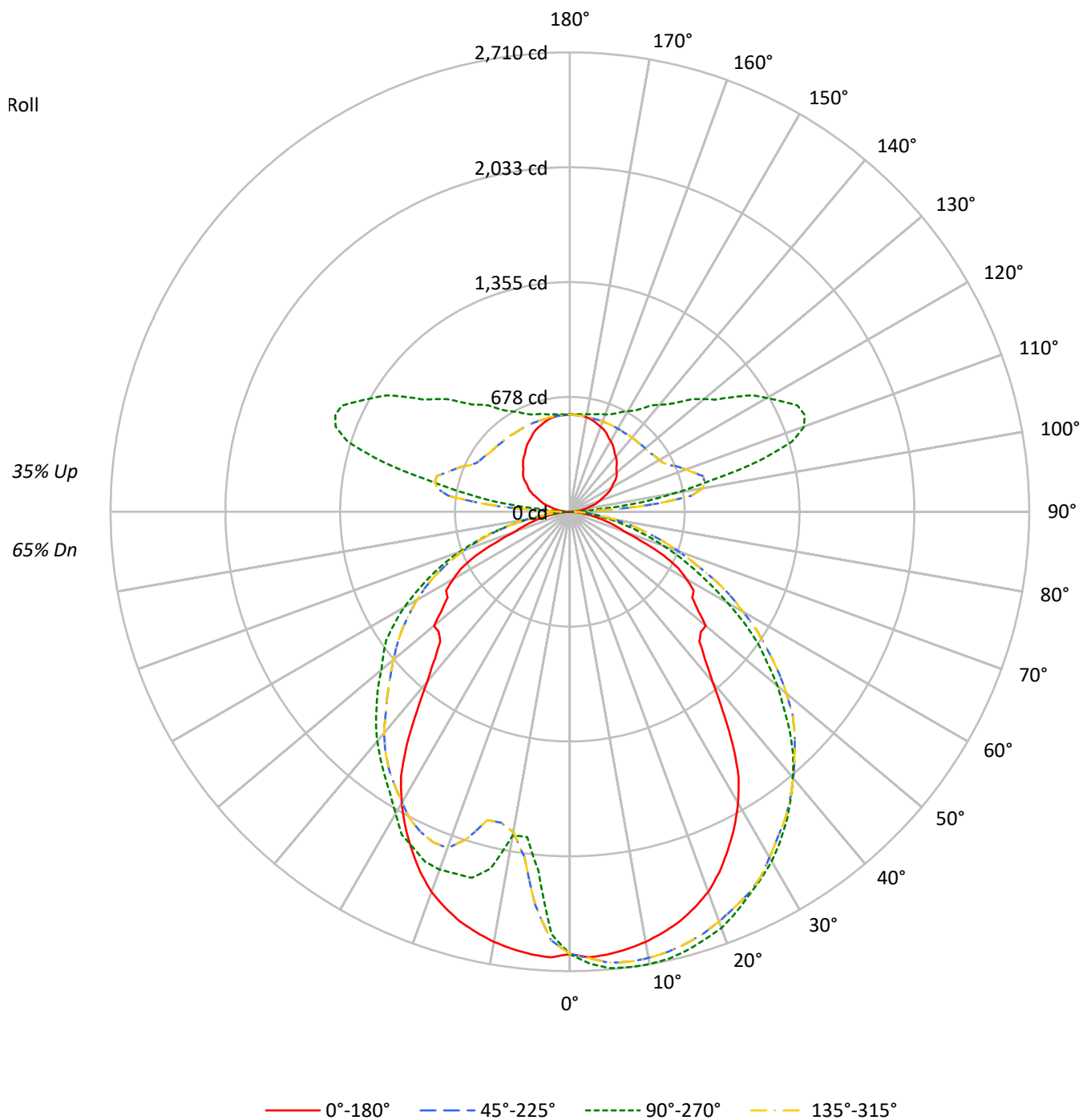
Lumens per Lamp: N/A
Luminaire Lumens: 10485.1 lumens
Efficiency: N/A
Efficacy: 116.0 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

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: P934496

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

Luminous Intensity Polar Plot



TEST NUMBER: P934496

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12104	12104	12104	12104
5°	12194	12218	12194	9607
10°	12112	12035	12112	8604
15°	11981	11775	11981	9832
20°	11731	11466	11731	9853
25°	11217	11015	11217	9644
30°	10554	10641	10554	9186
35°	9409	10168	9409	8681
40°	7840	9611	7840	8301
45°	7005	8959	7005	7863
50°	7443	8182	7443	7424
55°	7002	7344	7002	7170
60°	7218	6237	7218	6567
65°	6544	5156	6544	5763
70°	4531	4109	4531	4831
75°	3973	3037	3973	3637
80°	3201	2008	3201	2187
85°	1840	1063	1840	904

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 10737 cd/sqm

TEST NUMBER: P934496

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	235.5	2.2
10°-20°	668.6	6.4
20°-30°	1033.5	9.9
30°-40°	1233.8	11.8
40°-50°	1241.1	11.8
50°-60°	1079.9	10.3
60°-70°	765.6	7.3
70°-80°	405.1	3.9
80°-90°	103.1	1.0
90°-100°	279.6	2.7
100°-110°	735.2	7.0
110°-120°	762.3	7.3
120°-130°	611.4	5.8
130°-140°	479.8	4.6
140°-150°	368.3	3.5
150°-160°	265.2	2.5
160°-170°	162.3	1.5
170°-180°	54.8	0.5
0°-30°	1937.6	18.5
0°-40°	3171.5	30.2
0°-60°	5492.4	52.4
0°-90°	6766.2	64.5
90°-120°	1777.1	16.9
90°-150°	3236.6	30.9
90°-180°	3719.0	35.5
0°-180°	10485.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2609	2609	2609	2609	2609	
5°	2621	2702	2621	2125	2621	249
15°	2503	2678	2503	2236	2503	704
25°	2204	2498	2204	2187	2204	1012
35°	1676	2229	1676	1903	1676	1037
45°	1081	1836	1081	1612	1081	866
55°	881	1355	881	1323	881	810
65°	612	817	612	913	612	585
75°	232	388	232	464	232	244
85°	40	99	40	84	40	53
90°	4	15	4	15	4	5
95°	37	169	37	169	37	41
105°	132	1151	132	1151	132	140
115°	235	1482	235	1482	235	232
125°	327	1180	327	1180	327	291
135°	390	916	390	916	390	302
145°	452	743	452	743	452	283
155°	511	640	511	640	511	235
165°	552	596	552	596	552	156
175°	574	578	574	578	574	54
180°	574	574	574	574	574	

TEST NUMBER: P934496

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8
2.5°	2631.0	2631.0	2645.7	2650.7	2650.7	2643.3	2635.9	2643.3	2665.5	2672.9	2670.5
5°	2621.1	2640.8	2668.0	2672.9	2677.9	2675.3	2670.5	2675.3	2700.1	2705.1	2707.5
7.5°	2601.4	2638.4	2672.9	2680.3	2687.8	2680.3	2677.9	2682.8	2707.5	2712.4	2712.4
10°	2576.6	2628.5	2668.0	2672.9	2680.3	2672.9	2672.9	2682.8	2707.5	2712.4	2714.9
12.5°	2542.1	2613.7	2650.7	2655.6	2665.5	2663.0	2660.6	2670.5	2695.2	2700.1	2700.1
15°	2502.7	2586.5	2621.1	2626.0	2643.3	2638.4	2638.4	2648.3	2675.3	2682.8	2680.3
17.5°	2448.3	2552.0	2591.5	2598.9	2611.2	2608.8	2611.2	2621.1	2645.7	2650.7	2653.2
20°	2386.7	2505.1	2552.0	2559.3	2571.8	2571.8	2571.8	2584.1	2608.8	2618.7	2618.7
22.5°	2302.7	2455.8	2505.1	2510.0	2524.8	2524.8	2529.7	2547.0	2569.2	2571.8	2571.8
25°	2204.0	2401.4	2443.3	2458.2	2473.0	2480.4	2487.8	2497.7	2505.1	2502.7	2505.1
27.5°	2100.3	2332.3	2386.7	2396.5	2416.3	2423.6	2433.5	2436.0	2438.5	2445.9	2440.9
30°	1984.3	2236.1	2317.5	2327.4	2359.5	2364.4	2354.5	2359.5	2371.8	2376.7	2381.7
32.5°	1853.5	2092.9	2246.0	2268.1	2297.7	2283.0	2280.5	2287.9	2307.6	2307.6	2312.6
35°	1675.8	1981.9	2179.3	2199.0	2221.2	2204.0	2213.9	2216.3	2228.7	2236.1	2233.6
37.5°	1480.9	1885.6	2110.2	2125.0	2142.3	2120.1	2134.8	2142.3	2152.1	2147.3	2147.3
40°	1308.1	1735.1	2028.7	2038.6	2053.4	2036.1	2051.0	2055.9	2060.9	2055.9	2053.4
42.5°	1179.7	1569.7	1942.3	1954.7	1944.9	1957.2	1962.1	1972.0	1964.6	1954.7	1954.7
45°	1081.0	1525.2	1848.6	1863.4	1848.6	1868.4	1875.8	1875.8	1853.5	1848.6	1846.1
47.5°	1049.0	1436.4	1754.8	1754.8	1747.4	1772.1	1784.4	1767.1	1744.9	1737.5	1737.5
50°	1046.5	1337.7	1626.5	1616.6	1651.1	1680.7	1668.4	1651.1	1633.8	1606.7	1606.7
52.5°	950.3	1216.7	1461.1	1498.1	1552.4	1569.7	1550.0	1532.7	1503.1	1490.8	1480.9
55°	881.1	1090.9	1310.6	1384.6	1441.3	1463.6	1426.5	1409.3	1364.9	1357.5	1352.5
57.5°	866.3	908.2	1172.4	1266.1	1335.2	1332.7	1310.6	1278.5	1241.5	1234.0	1231.6
60°	794.7	656.5	1024.2	1135.3	1206.9	1199.4	1179.7	1150.1	1115.6	1110.6	1105.7
62.5°	720.7	476.3	856.4	982.3	1083.4	1081.0	1063.7	1019.3	994.6	982.3	972.4
65°	612.1	399.8	609.6	817.0	962.6	967.4	930.5	898.4	871.2	856.4	854.0
67.5°	466.4	325.8	412.2	681.2	846.6	841.6	794.7	779.9	745.3	738.0	723.1
70°	345.5	217.2	286.3	552.8	733.0	720.7	683.7	666.4	634.3	617.0	607.1
72.5°	286.3	175.2	209.8	429.5	617.0	602.2	570.1	550.4	523.2	508.4	498.6
75°	232.0	185.1	160.5	318.4	501.0	491.2	461.5	441.8	419.6	399.8	402.3
77.5°	170.3	172.8	128.3	234.4	397.3	382.6	365.3	340.6	330.7	311.0	311.0
80°	128.3	135.7	96.3	160.5	286.3	286.3	271.5	254.2	237.0	227.1	227.1
82.5°	86.4	86.4	71.5	101.2	195.0	187.5	177.7	172.8	162.9	157.9	157.9
85°	39.5	49.3	44.5	61.7	106.1	111.1	111.1	106.1	103.7	98.7	101.2
87.5°	12.3	22.2	27.2	34.6	54.3	56.8	59.2	59.2	59.2	61.7	61.7
90°	3.8	6.9	10.0	10.7	16.9	25.1	29.2	26.0	19.5	14.7	14.7
92.5°	15.4	41.6	67.8	74.3	104.5	144.7	164.8	144.4	103.7	73.1	70.2
95°	37.0	84.9	132.8	144.8	257.0	406.8	481.7	429.8	326.2	248.4	239.6
97.5°	63.9	106.1	148.4	159.0	346.2	595.9	720.8	688.0	622.4	573.3	556.5
100°	84.7	123.0	161.3	170.9	378.7	655.8	794.3	796.7	801.5	805.0	785.0
102.5°	102.5	138.2	173.9	182.9	393.6	674.6	815.1	856.9	940.4	1002.9	985.8
105°	132.4	162.7	193.1	200.6	404.7	676.8	812.8	906.4	1093.6	1234.0	1224.8
107.5°	163.3	191.5	219.7	226.8	406.7	646.6	766.5	897.1	1158.3	1354.1	1356.4
110°	184.0	209.5	235.1	241.4	403.7	619.9	728.1	874.0	1165.9	1384.8	1394.5

TEST NUMBER: P934496

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	204.5	228.7	253.0	259.1	403.8	596.6	693.0	842.4	1141.2	1365.2	1380.0
115°	235.3	257.7	280.1	285.7	407.5	569.9	651.1	795.0	1082.8	1298.6	1319.0
117.5°	265.6	286.0	306.4	311.5	415.1	553.1	622.1	752.1	1011.8	1206.6	1229.2
120°	283.4	302.5	321.8	326.5	421.2	547.5	610.6	729.3	966.6	1144.6	1166.6
122.5°	300.7	320.0	339.3	344.2	430.0	544.5	601.8	708.6	922.4	1082.7	1104.4
125°	327.3	344.8	362.5	366.9	442.0	542.1	592.2	682.9	864.5	1000.7	1020.7
127.5°	348.8	366.6	384.3	388.8	453.9	540.7	584.0	662.0	817.9	934.8	951.7
130°	360.3	379.5	398.7	403.5	462.6	541.5	580.9	650.3	789.1	893.2	908.8
132.5°	372.3	391.4	410.7	415.4	469.7	542.1	578.3	640.4	764.7	857.8	871.7
135°	390.0	407.5	424.9	429.3	477.4	541.5	573.7	625.7	729.7	807.7	819.8
137.5°	408.2	425.4	442.7	447.0	488.9	544.9	572.9	616.9	704.9	770.8	780.6
140°	423.1	439.1	455.0	459.0	496.0	545.5	570.2	608.2	684.2	741.1	750.3
142.5°	434.7	449.3	464.1	467.7	501.9	547.4	570.2	603.6	670.3	720.4	728.3
145°	452.4	465.2	478.1	481.3	509.7	547.5	566.4	593.7	648.3	689.2	695.2
147.5°	470.1	482.6	495.1	498.2	520.9	551.2	566.4	587.9	630.7	663.0	667.9
150°	481.7	493.0	504.3	507.1	526.9	553.2	566.4	584.5	620.8	648.0	652.0
152.5°	493.6	502.2	510.7	512.9	530.7	554.5	566.4	581.9	612.8	636.1	639.1
155°	511.3	517.6	524.0	525.6	539.2	557.3	566.4	578.7	603.3	621.8	623.8
157.5°	524.3	530.5	536.7	538.3	547.6	560.1	566.4	575.9	595.1	609.4	610.8
160°	533.2	538.1	542.8	544.1	551.5	561.4	566.4	574.6	590.9	603.3	604.1
162.5°	542.1	545.7	549.3	550.2	555.6	562.8	566.4	573.3	587.2	597.6	598.3
165°	551.7	555.0	558.2	559.0	561.4	564.7	566.4	571.3	581.2	588.7	589.5
167.5°	560.6	562.1	563.7	564.0	566.1	568.8	570.2	573.5	580.0	584.9	585.2
170°	566.4	567.9	569.5	569.8	569.9	570.1	570.2	573.5	580.0	584.9	584.9
172.5°	569.5	569.8	570.1	570.2	570.2	570.2	570.2	572.8	578.0	581.8	581.5
175°	573.7	573.7	573.7	573.7	572.5	571.0	570.2	571.8	575.1	577.5	577.5
177.5°	573.7	573.7	573.7	573.7	572.7	571.5	571.0	572.3	574.8	576.7	576.4
180°	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7

TEST NUMBER: P934496

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8
2.5°	2675.3	2668.0	2675.3	2670.5	2672.9	2665.5	2643.3	2635.9	2643.3	2650.7	2650.7
5°	2707.5	2702.5	2707.5	2707.5	2705.1	2700.1	2675.3	2670.5	2675.3	2677.9	2672.9
7.5°	2717.4	2709.9	2717.4	2712.4	2712.4	2707.5	2682.8	2677.9	2680.3	2687.8	2680.3
10°	2717.4	2709.9	2717.4	2714.9	2712.4	2707.5	2682.8	2672.9	2672.9	2680.3	2672.9
12.5°	2705.1	2700.1	2705.1	2700.1	2700.1	2695.2	2670.5	2660.6	2663.0	2665.5	2655.6
15°	2685.2	2677.9	2685.2	2680.3	2682.8	2675.3	2648.3	2638.4	2638.4	2643.3	2626.0
17.5°	2655.6	2645.7	2655.6	2653.2	2650.7	2645.7	2621.1	2611.2	2608.8	2611.2	2598.9
20°	2621.1	2613.7	2621.1	2618.7	2618.7	2608.8	2584.1	2571.8	2571.8	2571.8	2559.3
22.5°	2566.8	2559.3	2566.8	2571.8	2571.8	2569.2	2547.0	2529.7	2524.8	2524.8	2510.0
25°	2505.1	2497.7	2505.1	2505.1	2502.7	2505.1	2497.7	2487.8	2480.4	2473.0	2458.2
27.5°	2445.9	2440.9	2445.9	2440.9	2445.9	2438.5	2436.0	2433.5	2423.6	2416.3	2396.5
30°	2386.7	2381.7	2386.7	2381.7	2376.7	2371.8	2359.5	2354.5	2364.4	2359.5	2327.4
32.5°	2312.6	2307.6	2312.6	2312.6	2307.6	2307.6	2287.9	2280.5	2283.0	2297.7	2268.1
35°	2236.1	2228.7	2236.1	2233.6	2236.1	2228.7	2216.3	2213.9	2204.0	2221.2	2199.0
37.5°	2147.3	2139.8	2147.3	2147.3	2147.3	2152.1	2142.3	2134.8	2120.1	2142.3	2125.0
40°	2055.9	2046.0	2055.9	2053.4	2055.9	2060.9	2055.9	2051.0	2036.1	2053.4	2038.6
42.5°	1952.2	1949.8	1952.2	1954.7	1954.7	1964.6	1972.0	1962.1	1957.2	1944.9	1954.7
45°	1841.2	1836.2	1841.2	1846.1	1848.6	1853.5	1875.8	1875.8	1868.4	1848.6	1863.4
47.5°	1722.7	1710.3	1722.7	1737.5	1737.5	1744.9	1767.1	1784.4	1772.1	1747.4	1754.8
50°	1596.9	1599.3	1596.9	1606.7	1606.7	1633.8	1651.1	1668.4	1680.7	1651.1	1616.6
52.5°	1473.5	1471.0	1473.5	1480.9	1490.8	1503.1	1532.7	1550.0	1569.7	1552.4	1498.1
55°	1350.0	1355.0	1350.0	1352.5	1357.5	1364.9	1409.3	1426.5	1463.6	1441.3	1384.6
57.5°	1226.6	1219.2	1226.6	1231.6	1234.0	1241.5	1278.5	1310.6	1332.7	1335.2	1266.1
60°	1083.4	1073.6	1083.4	1105.7	1110.6	1115.6	1150.1	1179.7	1199.4	1206.9	1135.3
62.5°	957.6	940.4	957.6	972.4	982.3	994.6	1019.3	1063.7	1081.0	1083.4	982.3
65°	824.3	817.0	824.3	854.0	856.4	871.2	898.4	930.5	967.4	962.6	817.0
67.5°	703.4	703.4	703.4	723.1	738.0	745.3	779.9	794.7	841.6	846.6	681.2
70°	592.3	589.9	592.3	607.1	617.0	634.3	666.4	683.7	720.7	733.0	552.8
72.5°	486.2	483.7	486.2	498.6	508.4	523.2	550.4	570.1	602.2	617.0	429.5
75°	392.5	387.5	392.5	402.3	399.8	419.6	441.8	461.5	491.2	501.0	318.4
77.5°	301.1	301.1	301.1	311.0	311.0	330.7	340.6	365.3	382.6	397.3	234.4
80°	224.6	222.1	224.6	227.1	227.1	237.0	254.2	271.5	286.3	286.3	160.5
82.5°	157.9	153.0	157.9	157.9	157.9	162.9	172.8	177.7	187.5	195.0	101.2
85°	98.7	98.7	98.7	101.2	98.7	103.7	106.1	111.1	111.1	106.1	61.7
87.5°	64.2	61.7	64.2	61.7	61.7	59.2	59.2	59.2	56.8	54.3	34.6
90°	14.7	14.7	14.7	14.7	14.7	19.5	26.0	29.2	25.1	16.9	10.7
92.5°	58.6	47.0	58.6	70.2	73.1	103.7	144.4	164.8	144.7	104.5	74.3
95°	204.3	169.1	204.3	239.6	248.4	326.2	429.8	481.7	406.8	257.0	144.8
97.5°	489.4	422.4	489.4	556.5	573.3	622.4	688.0	720.8	595.9	346.2	159.0
100°	705.2	625.2	705.2	785.0	805.0	801.5	796.7	794.3	655.8	378.7	170.9
102.5°	917.4	848.9	917.4	985.8	1002.9	940.4	856.9	815.1	674.6	393.6	182.9
105°	1188.0	1151.2	1188.0	1224.8	1234.0	1093.6	906.4	812.8	676.8	404.7	200.6
107.5°	1365.2	1374.1	1365.2	1356.4	1354.1	1158.3	897.1	766.5	646.6	406.7	226.8
110°	1432.8	1471.1	1432.8	1394.5	1384.8	1165.9	874.0	728.1	619.9	403.7	241.4

TEST NUMBER: P934496

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1438.8	1497.7	1438.8	1380.0	1365.2	1141.2	842.4	693.0	596.6	403.8	259.1
115°	1400.6	1482.3	1400.6	1319.0	1298.6	1082.8	795.0	651.1	569.9	407.5	285.7
117.5°	1319.8	1410.3	1319.8	1229.2	1206.6	1011.8	752.1	622.1	553.1	415.1	311.5
120°	1254.5	1342.5	1254.5	1166.6	1144.6	966.6	729.3	610.6	547.5	421.2	326.5
122.5°	1191.1	1277.9	1191.1	1104.4	1082.7	922.4	708.6	601.8	544.5	430.0	344.2
125°	1100.5	1180.5	1100.5	1020.7	1000.7	864.5	682.9	592.2	542.1	442.0	366.9
127.5°	1019.1	1086.5	1019.1	951.7	934.8	817.9	662.0	584.0	540.7	453.9	388.8
130°	971.1	1033.4	971.1	908.8	893.2	789.1	650.3	580.9	541.5	462.6	403.5
132.5°	927.6	983.3	927.6	871.7	857.8	764.7	640.4	578.3	542.1	469.7	415.4
135°	867.9	916.0	867.9	819.8	807.7	729.7	625.7	573.7	541.5	477.4	429.3
137.5°	820.1	859.4	820.1	780.6	770.8	704.9	616.9	572.9	544.9	488.9	447.0
140°	787.1	823.9	787.1	750.3	741.1	684.2	608.2	570.2	545.5	496.0	459.0
142.5°	759.9	791.6	759.9	728.3	720.4	670.3	603.6	570.2	547.4	501.9	467.7
145°	719.2	743.1	719.2	695.2	689.2	648.3	593.7	566.4	547.5	509.7	481.3
147.5°	687.8	707.7	687.8	667.9	663.0	630.7	587.9	566.4	551.2	520.9	498.2
150°	668.1	684.2	668.1	652.0	648.0	620.8	584.5	566.4	553.2	526.9	507.1
152.5°	651.3	663.4	651.3	639.1	636.1	612.8	581.9	566.4	554.5	530.7	512.9
155°	631.9	639.9	631.9	623.8	621.8	603.3	578.7	566.4	557.3	539.2	525.6
157.5°	616.5	622.1	616.5	610.8	609.4	595.1	575.9	566.4	560.1	547.6	538.3
160°	607.4	610.6	607.4	604.1	603.3	590.9	574.6	566.4	561.4	551.5	544.1
162.5°	601.4	604.5	601.4	598.3	597.6	587.2	573.3	566.4	562.8	555.6	550.2
165°	592.7	596.0	592.7	589.5	588.7	581.2	571.3	566.4	564.7	561.4	559.0
167.5°	586.6	588.0	586.6	585.2	584.9	580.0	573.5	570.2	568.8	566.1	564.0
170°	584.9	584.9	584.9	584.9	584.9	580.0	573.5	570.2	570.1	569.9	569.8
172.5°	580.3	579.1	580.3	581.5	581.8	578.0	572.8	570.2	570.2	570.2	570.2
175°	577.5	577.5	577.5	577.5	577.5	575.1	571.8	570.2	571.0	572.5	573.7
177.5°	575.1	573.7	575.1	576.4	576.7	574.8	572.3	571.0	571.5	572.7	573.7
180°	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7

TEST NUMBER: P934496

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8
2.5°	2645.7	2631.0	2631.0	2606.3	2596.4	2589.0	2576.6	2539.6	2529.7	2519.9	2534.7
5°	2668.0	2640.8	2621.1	2576.6	2539.6	2524.8	2477.9	2389.1	2329.9	2285.4	2260.7
7.5°	2672.9	2638.4	2601.4	2532.3	2443.3	2403.9	2260.7	2097.9	2053.4	2014.0	1989.2
10°	2668.0	2628.5	2576.6	2473.0	2263.2	2194.2	2051.0	1944.9	1917.7	1910.3	1917.7
12.5°	2650.7	2613.7	2542.1	2369.4	2075.6	2028.7	1944.9	1883.1	1878.2	1890.5	1957.2
15°	2621.1	2586.5	2502.7	2231.1	1972.0	1937.4	1878.2	1856.0	1883.1	1969.5	2169.4
17.5°	2591.5	2552.0	2448.3	2095.4	1893.0	1868.4	1826.3	1870.8	2023.8	2139.8	2206.5
20°	2552.0	2505.1	2386.7	1996.7	1836.2	1814.0	1794.3	1994.2	2110.2	2152.1	2189.2
22.5°	2505.1	2455.8	2302.7	1927.6	1777.0	1759.7	1772.1	2063.3	2110.2	2139.8	2171.9
25°	2443.3	2401.4	2204.0	1873.2	1730.1	1710.3	1757.2	2055.9	2083.0	2090.5	2154.6
27.5°	2386.7	2332.3	2100.3	1823.9	1673.4	1666.0	1769.6	2023.8	2043.6	2051.0	2120.1
30°	2317.5	2236.1	1984.3	1772.1	1614.1	1611.6	1772.1	1984.3	1979.4	1999.1	2068.2
32.5°	2246.0	2092.9	1853.5	1707.9	1557.4	1554.9	1754.8	1925.1	1920.1	1947.3	1999.1
35°	2179.3	1981.9	1675.8	1633.8	1485.8	1488.2	1712.9	1856.0	1858.5	1883.1	1915.3
37.5°	2110.2	1885.6	1480.9	1552.4	1416.7	1416.7	1656.1	1791.8	1786.9	1794.3	1838.7
40°	2028.7	1735.1	1308.1	1446.3	1352.5	1345.1	1587.0	1722.7	1705.4	1703.0	1764.7
42.5°	1942.3	1569.7	1179.7	1305.6	1278.5	1268.6	1503.1	1638.8	1606.7	1614.1	1693.1
45°	1848.6	1525.2	1081.0	1103.2	1202.0	1194.6	1411.7	1542.5	1520.4	1540.1	1621.5
47.5°	1754.8	1436.4	1049.0	915.7	1120.5	1118.0	1310.6	1448.7	1436.4	1456.2	1542.5
50°	1626.5	1337.7	1046.5	784.8	1029.2	1039.1	1189.6	1357.5	1357.5	1374.8	1466.0
52.5°	1461.1	1216.7	950.3	710.8	923.1	952.7	1083.4	1278.5	1283.4	1300.7	1382.1
55°	1310.6	1090.9	881.1	654.1	797.2	861.3	979.9	1197.0	1206.9	1224.2	1298.2
57.5°	1172.4	908.2	866.3	587.4	681.2	742.9	888.5	1118.0	1122.9	1137.8	1209.3
60°	1024.2	656.5	794.7	515.8	580.0	626.9	804.5	1024.2	1041.5	1051.4	1113.1
62.5°	856.4	476.3	720.7	466.4	530.6	540.5	735.5	935.4	957.6	965.0	1002.0
65°	609.6	399.8	612.1	424.5	478.8	481.3	661.5	844.1	863.9	876.2	903.3
67.5°	412.2	325.8	466.4	385.0	439.4	441.8	589.9	738.0	765.1	774.9	792.2
70°	286.3	217.2	345.5	343.1	394.9	399.8	513.3	641.7	666.4	673.8	683.7
72.5°	209.8	175.2	286.3	308.5	348.0	353.0	434.4	533.1	557.8	565.2	570.1
75°	160.5	185.1	232.0	269.0	296.2	298.6	355.4	434.4	451.7	456.6	459.1
77.5°	128.3	172.8	170.3	217.2	241.9	237.0	278.9	335.7	350.4	350.4	350.4
80°	96.3	135.7	128.3	155.5	177.7	172.8	199.9	239.4	244.3	249.3	246.8
82.5°	71.5	86.4	86.4	98.7	118.4	113.6	133.3	155.5	155.5	155.5	160.5
85°	44.5	49.3	39.5	51.8	66.6	64.2	74.1	83.9	86.4	86.4	81.4
87.5°	27.2	22.2	12.3	19.7	29.6	29.6	34.6	37.0	34.6	34.6	34.6
90°	10.0	6.9	3.8	6.9	10.0	10.7	16.9	25.1	29.2	26.0	19.5
92.5°	67.8	41.6	15.4	41.6	67.8	74.3	104.5	144.7	164.8	144.4	103.7
95°	132.8	84.9	37.0	84.9	132.8	144.8	257.0	406.8	481.7	429.8	326.2
97.5°	148.4	106.1	63.9	106.1	148.4	159.0	346.2	595.9	720.8	688.0	622.4
100°	161.3	123.0	84.7	123.0	161.3	170.9	378.7	655.8	794.3	796.7	801.5
102.5°	173.9	138.2	102.5	138.2	173.9	182.9	393.6	674.6	815.1	856.9	940.4
105°	193.1	162.7	132.4	162.7	193.1	200.6	404.7	676.8	812.8	906.4	1093.6
107.5°	219.7	191.5	163.3	191.5	219.7	226.8	406.7	646.6	766.5	897.1	1158.3
110°	235.1	209.5	184.0	209.5	235.1	241.4	403.7	619.9	728.1	874.0	1165.9

TEST NUMBER: P934496

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	253.0	228.7	204.5	228.7	253.0	259.1	403.8	596.6	693.0	842.4	1141.2
115°	280.1	257.7	235.3	257.7	280.1	285.7	407.5	569.9	651.1	795.0	1082.8
117.5°	306.4	286.0	265.6	286.0	306.4	311.5	415.1	553.1	622.1	752.1	1011.8
120°	321.8	302.5	283.4	302.5	321.8	326.5	421.2	547.5	610.6	729.3	966.6
122.5°	339.3	320.0	300.7	320.0	339.3	344.2	430.0	544.5	601.8	708.6	922.4
125°	362.5	344.8	327.3	344.8	362.5	366.9	442.0	542.1	592.2	682.9	864.5
127.5°	384.3	366.6	348.8	366.6	384.3	388.8	453.9	540.7	584.0	662.0	817.9
130°	398.7	379.5	360.3	379.5	398.7	403.5	462.6	541.5	580.9	650.3	789.1
132.5°	410.7	391.4	372.3	391.4	410.7	415.4	469.7	542.1	578.3	640.4	764.7
135°	424.9	407.5	390.0	407.5	424.9	429.3	477.4	541.5	573.7	625.7	729.7
137.5°	442.7	425.4	408.2	425.4	442.7	447.0	488.9	544.9	572.9	616.9	704.9
140°	455.0	439.1	423.1	439.1	455.0	459.0	496.0	545.5	570.2	608.2	684.2
142.5°	464.1	449.3	434.7	449.3	464.1	467.7	501.9	547.4	570.2	603.6	670.3
145°	478.1	465.2	452.4	465.2	478.1	481.3	509.7	547.5	566.4	593.7	648.3
147.5°	495.1	482.6	470.1	482.6	495.1	498.2	520.9	551.2	566.4	587.9	630.7
150°	504.3	493.0	481.7	493.0	504.3	507.1	526.9	553.2	566.4	584.5	620.8
152.5°	510.7	502.2	493.6	502.2	510.7	512.9	530.7	554.5	566.4	581.9	612.8
155°	524.0	517.6	511.3	517.6	524.0	525.6	539.2	557.3	566.4	578.7	603.3
157.5°	536.7	530.5	524.3	530.5	536.7	538.3	547.6	560.1	566.4	575.9	595.1
160°	542.8	538.1	533.2	538.1	542.8	544.1	551.5	561.4	566.4	574.6	590.9
162.5°	549.3	545.7	542.1	545.7	549.3	550.2	555.6	562.8	566.4	573.3	587.2
165°	558.2	555.0	551.7	555.0	558.2	559.0	561.4	564.7	566.4	571.3	581.2
167.5°	563.7	562.1	560.6	562.1	563.7	564.0	566.1	568.8	570.2	573.5	580.0
170°	569.5	567.9	566.4	567.9	569.5	569.8	569.9	570.1	570.2	573.5	580.0
172.5°	570.1	569.8	569.5	569.8	570.1	570.2	570.2	570.2	570.2	572.8	578.0
175°	573.7	573.7	573.7	573.7	573.7	573.7	572.5	571.0	570.2	571.8	575.1
177.5°	573.7	573.7	573.7	573.7	573.7	573.7	572.7	571.5	571.0	572.3	574.8
180°	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7

TEST NUMBER: P934496

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8	2608.8
2.5°	2517.4	2510.0	2519.9	2492.8	2519.9	2510.0	2517.4	2534.7	2519.9	2529.7	2539.6
5°	2208.9	2196.6	2157.1	2125.0	2157.1	2196.6	2208.9	2260.7	2285.4	2329.9	2389.1
7.5°	1974.5	1964.6	1954.7	1935.0	1954.7	1964.6	1974.5	1989.2	2014.0	2053.4	2097.9
10°	1922.6	1925.1	1939.9	1937.4	1939.9	1925.1	1922.6	1917.7	1910.3	1917.7	1944.9
12.5°	2055.9	2078.2	2159.6	2154.6	2159.6	2078.2	2055.9	1957.2	1890.5	1878.2	1883.1
15°	2208.9	2216.3	2233.6	2236.1	2233.6	2216.3	2208.9	2169.4	1969.5	1883.1	1856.0
17.5°	2223.8	2226.2	2238.5	2238.5	2238.5	2226.2	2223.8	2206.5	2139.8	2023.8	1870.8
20°	2211.4	2216.3	2241.0	2246.0	2241.0	2216.3	2211.4	2189.2	2152.1	2110.2	1994.2
22.5°	2206.5	2216.3	2236.1	2233.6	2236.1	2216.3	2206.5	2171.9	2139.8	2110.2	2063.3
25°	2181.7	2181.7	2184.3	2186.7	2184.3	2181.7	2181.7	2154.6	2090.5	2083.0	2055.9
27.5°	2130.0	2134.8	2149.7	2147.3	2149.7	2134.8	2130.0	2120.1	2051.0	2043.6	2023.8
30°	2083.0	2078.2	2065.7	2055.9	2065.7	2078.2	2083.0	2068.2	1999.1	1979.4	1984.3
32.5°	2004.1	1991.8	1979.4	1972.0	1979.4	1991.8	2004.1	1999.1	1947.3	1920.1	1925.1
35°	1910.3	1912.7	1910.3	1902.8	1910.3	1912.7	1910.3	1915.3	1883.1	1858.5	1856.0
37.5°	1843.6	1848.6	1846.1	1836.2	1846.1	1848.6	1843.6	1838.7	1794.3	1786.9	1791.8
40°	1774.5	1777.0	1774.5	1767.1	1774.5	1777.0	1774.5	1764.7	1703.0	1705.4	1722.7
42.5°	1707.9	1705.4	1698.0	1693.1	1698.0	1705.4	1707.9	1693.1	1614.1	1606.7	1638.8
45°	1631.4	1633.8	1619.1	1611.6	1619.1	1633.8	1631.4	1621.5	1540.1	1520.4	1542.5
47.5°	1554.9	1554.9	1542.5	1535.1	1542.5	1554.9	1554.9	1542.5	1456.2	1436.4	1448.7
50°	1473.5	1471.0	1453.7	1451.2	1453.7	1471.0	1473.5	1466.0	1374.8	1357.5	1357.5
52.5°	1379.6	1379.6	1382.1	1387.1	1382.1	1379.6	1379.6	1382.1	1300.7	1283.4	1278.5
55°	1298.2	1300.7	1318.0	1322.9	1318.0	1300.7	1298.2	1298.2	1224.2	1206.9	1197.0
57.5°	1214.3	1214.3	1226.6	1226.6	1226.6	1214.3	1214.3	1209.3	1137.8	1122.9	1118.0
60°	1118.0	1122.9	1132.8	1130.4	1132.8	1122.9	1118.0	1113.1	1051.4	1041.5	1024.2
62.5°	1016.8	1021.8	1024.2	1019.3	1024.2	1021.8	1016.8	1002.0	965.0	957.6	935.4
65°	910.7	915.7	918.1	913.2	918.1	915.7	910.7	903.3	876.2	863.9	844.1
67.5°	802.1	799.7	797.2	807.1	797.2	799.7	802.1	792.2	774.9	765.1	738.0
70°	691.1	691.1	688.5	693.5	688.5	691.1	691.1	683.7	673.8	666.4	641.7
72.5°	572.6	570.1	580.0	572.6	580.0	570.1	572.6	570.1	565.2	557.8	533.1
75°	456.6	461.5	456.6	464.0	456.6	461.5	456.6	459.1	456.6	451.7	434.4
77.5°	348.0	353.0	348.0	348.0	348.0	353.0	348.0	350.4	350.4	350.4	335.7
80°	246.8	244.3	244.3	241.9	244.3	244.3	246.8	246.8	249.3	244.3	239.4
82.5°	157.9	155.5	155.5	160.5	155.5	155.5	157.9	160.5	155.5	155.5	155.5
85°	86.4	88.8	83.9	83.9	83.9	88.8	86.4	81.4	86.4	86.4	83.9
87.5°	32.1	29.6	29.6	29.6	29.6	29.6	32.1	34.6	34.6	34.6	37.0
90°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	19.5	26.0	29.2	25.1
92.5°	73.1	70.2	58.6	47.0	58.6	70.2	73.1	103.7	144.4	164.8	144.7
95°	248.4	239.6	204.3	169.1	204.3	239.6	248.4	326.2	429.8	481.7	406.8
97.5°	573.3	556.5	489.4	422.4	489.4	556.5	573.3	622.4	688.0	720.8	595.9
100°	805.0	785.0	705.2	625.2	705.2	785.0	805.0	801.5	796.7	794.3	655.8
102.5°	1002.9	985.8	917.4	848.9	917.4	985.8	1002.9	940.4	856.9	815.1	674.6
105°	1234.0	1224.8	1188.0	1151.2	1188.0	1224.8	1234.0	1093.6	906.4	812.8	676.8
107.5°	1354.1	1356.4	1365.2	1374.1	1365.2	1356.4	1354.1	1158.3	897.1	766.5	646.6
110°	1384.8	1394.5	1432.8	1471.1	1432.8	1394.5	1384.8	1165.9	874.0	728.1	619.9

TEST NUMBER: P934496

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1365.2	1380.0	1438.8	1497.7	1438.8	1380.0	1365.2	1141.2	842.4	693.0	596.6
115°	1298.6	1319.0	1400.6	1482.3	1400.6	1319.0	1298.6	1082.8	795.0	651.1	569.9
117.5°	1206.6	1229.2	1319.8	1410.3	1319.8	1229.2	1206.6	1011.8	752.1	622.1	553.1
120°	1144.6	1166.6	1254.5	1342.5	1254.5	1166.6	1144.6	966.6	729.3	610.6	547.5
122.5°	1082.7	1104.4	1191.1	1277.9	1191.1	1104.4	1082.7	922.4	708.6	601.8	544.5
125°	1000.7	1020.7	1100.5	1180.5	1100.5	1020.7	1000.7	864.5	682.9	592.2	542.1
127.5°	934.8	951.7	1019.1	1086.5	1019.1	951.7	934.8	817.9	662.0	584.0	540.7
130°	893.2	908.8	971.1	1033.4	971.1	908.8	893.2	789.1	650.3	580.9	541.5
132.5°	857.8	871.7	927.6	983.3	927.6	871.7	857.8	764.7	640.4	578.3	542.1
135°	807.7	819.8	867.9	916.0	867.9	819.8	807.7	729.7	625.7	573.7	541.5
137.5°	770.8	780.6	820.1	859.4	820.1	780.6	770.8	704.9	616.9	572.9	544.9
140°	741.1	750.3	787.1	823.9	787.1	750.3	741.1	684.2	608.2	570.2	545.5
142.5°	720.4	728.3	759.9	791.6	759.9	728.3	720.4	670.3	603.6	570.2	547.4
145°	689.2	695.2	719.2	743.1	719.2	695.2	689.2	648.3	593.7	566.4	547.5
147.5°	663.0	667.9	687.8	707.7	687.8	667.9	663.0	630.7	587.9	566.4	551.2
150°	648.0	652.0	668.1	684.2	668.1	652.0	648.0	620.8	584.5	566.4	553.2
152.5°	636.1	639.1	651.3	663.4	651.3	639.1	636.1	612.8	581.9	566.4	554.5
155°	621.8	623.8	631.9	639.9	631.9	623.8	621.8	603.3	578.7	566.4	557.3
157.5°	609.4	610.8	616.5	622.1	616.5	610.8	609.4	595.1	575.9	566.4	560.1
160°	603.3	604.1	607.4	610.6	607.4	604.1	603.3	590.9	574.6	566.4	561.4
162.5°	597.6	598.3	601.4	604.5	601.4	598.3	597.6	587.2	573.3	566.4	562.8
165°	588.7	589.5	592.7	596.0	592.7	589.5	588.7	581.2	571.3	566.4	564.7
167.5°	584.9	585.2	586.6	588.0	586.6	585.2	584.9	580.0	573.5	570.2	568.8
170°	584.9	584.9	584.9	584.9	584.9	584.9	584.9	580.0	573.5	570.2	570.1
172.5°	581.8	581.5	580.3	579.1	580.3	581.5	581.8	578.0	572.8	570.2	570.2
175°	577.5	577.5	577.5	577.5	577.5	577.5	577.5	575.1	571.8	570.2	571.0
177.5°	576.7	576.4	575.1	573.7	575.1	576.4	576.7	574.8	572.3	571.0	571.5
180°	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7

TEST NUMBER: P934496

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2608.8	2608.8	2608.8	2608.8	2608.8
2.5°	2576.6	2589.0	2596.4	2606.3	2631.0
5°	2477.9	2524.8	2539.6	2576.6	2621.1
7.5°	2260.7	2403.9	2443.3	2532.3	2601.4
10°	2051.0	2194.2	2263.2	2473.0	2576.6
12.5°	1944.9	2028.7	2075.6	2369.4	2542.1
15°	1878.2	1937.4	1972.0	2231.1	2502.7
17.5°	1826.3	1868.4	1893.0	2095.4	2448.3
20°	1794.3	1814.0	1836.2	1996.7	2386.7
22.5°	1772.1	1759.7	1777.0	1927.6	2302.7
25°	1757.2	1710.3	1730.1	1873.2	2204.0
27.5°	1769.6	1666.0	1673.4	1823.9	2100.3
30°	1772.1	1611.6	1614.1	1772.1	1984.3
32.5°	1754.8	1554.9	1557.4	1707.9	1853.5
35°	1712.9	1488.2	1485.8	1633.8	1675.8
37.5°	1656.1	1416.7	1416.7	1552.4	1480.9
40°	1587.0	1345.1	1352.5	1446.3	1308.1
42.5°	1503.1	1268.6	1278.5	1305.6	1179.7
45°	1411.7	1194.6	1202.0	1103.2	1081.0
47.5°	1310.6	1118.0	1120.5	915.7	1049.0
50°	1189.6	1039.1	1029.2	784.8	1046.5
52.5°	1083.4	952.7	923.1	710.8	950.3
55°	979.9	861.3	797.2	654.1	881.1
57.5°	888.5	742.9	681.2	587.4	866.3
60°	804.5	626.9	580.0	515.8	794.7
62.5°	735.5	540.5	530.6	466.4	720.7
65°	661.5	481.3	478.8	424.5	612.1
67.5°	589.9	441.8	439.4	385.0	466.4
70°	513.3	399.8	394.9	343.1	345.5
72.5°	434.4	353.0	348.0	308.5	286.3
75°	355.4	298.6	296.2	269.0	232.0
77.5°	278.9	237.0	241.9	217.2	170.3
80°	199.9	172.8	177.7	155.5	128.3
82.5°	133.3	113.6	118.4	98.7	86.4
85°	74.1	64.2	66.6	51.8	39.5
87.5°	34.6	29.6	29.6	19.7	12.3
90°	16.9	10.7	10.0	6.9	3.8
92.5°	104.5	74.3	67.8	41.6	15.4
95°	257.0	144.8	132.8	84.9	37.0
97.5°	346.2	159.0	148.4	106.1	63.9
100°	378.7	170.9	161.3	123.0	84.7
102.5°	393.6	182.9	173.9	138.2	102.5
105°	404.7	200.6	193.1	162.7	132.4
107.5°	406.7	226.8	219.7	191.5	163.3
110°	403.7	241.4	235.1	209.5	184.0



TEST NUMBER: P934496

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	403.8	259.1	253.0	228.7	204.5
115°	407.5	285.7	280.1	257.7	235.3
117.5°	415.1	311.5	306.4	286.0	265.6
120°	421.2	326.5	321.8	302.5	283.4
122.5°	430.0	344.2	339.3	320.0	300.7
125°	442.0	366.9	362.5	344.8	327.3
127.5°	453.9	388.8	384.3	366.6	348.8
130°	462.6	403.5	398.7	379.5	360.3
132.5°	469.7	415.4	410.7	391.4	372.3
135°	477.4	429.3	424.9	407.5	390.0
137.5°	488.9	447.0	442.7	425.4	408.2
140°	496.0	459.0	455.0	439.1	423.1
142.5°	501.9	467.7	464.1	449.3	434.7
145°	509.7	481.3	478.1	465.2	452.4
147.5°	520.9	498.2	495.1	482.6	470.1
150°	526.9	507.1	504.3	493.0	481.7
152.5°	530.7	512.9	510.7	502.2	493.6
155°	539.2	525.6	524.0	517.6	511.3
157.5°	547.6	538.3	536.7	530.5	524.3
160°	551.5	544.1	542.8	538.1	533.2
162.5°	555.6	550.2	549.3	545.7	542.1
165°	561.4	559.0	558.2	555.0	551.7
167.5°	566.1	564.0	563.7	562.1	560.6
170°	569.9	569.8	569.5	567.9	566.4
172.5°	570.2	570.2	570.1	569.8	569.5
175°	572.5	573.7	573.7	573.7	573.7
177.5°	572.7	573.7	573.7	573.7	573.7
180°	573.7	573.7	573.7	573.7	573.7

TEST NUMBER: P934496

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-5000K

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	14.71	15.72	15.54	16.57	17.61	17.55	18.56	18.37	19.40	20.45
	3H	15.20	16.11	16.04	16.96	18.04	18.91	19.82	19.74	20.67	21.74
	4H	15.40	16.25	16.25	17.12	18.20	19.36	20.22	20.21	21.08	22.16
	6H	15.53	16.31	16.39	17.18	18.28	19.66	20.45	20.52	21.31	22.41
	8H	15.53	16.28	16.40	17.17	18.27	19.74	20.49	20.61	21.37	22.47
	12H	15.51	16.22	16.39	17.10	18.23	19.78	20.50	20.66	21.38	22.50
4H	2H	15.77	16.62	16.62	17.48	18.57	17.98	18.83	18.83	19.69	20.78
	3H	16.81	17.52	17.67	18.41	19.51	19.50	20.21	20.37	21.11	22.21
	4H	17.09	17.74	17.97	18.63	19.76	20.04	20.68	20.92	21.57	22.70
	6H	17.22	17.78	18.12	18.70	19.83	20.41	20.97	21.31	21.89	23.02
	8H	17.23	17.76	18.13	18.66	19.81	20.52	21.05	21.42	21.95	23.10
	12H	17.21	17.68	18.12	18.61	19.75	20.59	21.06	21.51	21.99	23.14
8H	4H	17.56	18.08	18.45	18.99	20.13	20.17	20.70	21.07	21.60	22.75
	6H	17.82	18.26	18.75	19.21	20.35	20.62	21.05	21.54	22.00	23.14
	8H	17.87	18.25	18.80	19.19	20.35	20.77	21.15	21.71	22.10	23.26
	12H	17.86	18.20	18.80	19.13	20.34	20.88	21.22	21.82	22.15	23.36
12H	4H	17.57	18.04	18.49	18.97	20.12	20.14	20.61	21.06	21.54	22.69
	6H	17.89	18.27	18.82	19.21	20.37	20.61	21.00	21.55	21.94	23.10
	8H	17.96	18.30	18.90	19.23	20.44	20.78	21.12	21.72	22.06	23.27

END OF REPORT