

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: P934092

Luminaire Tested: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934092
REPORT IS A COMBINATION OF REPORTS P933684 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

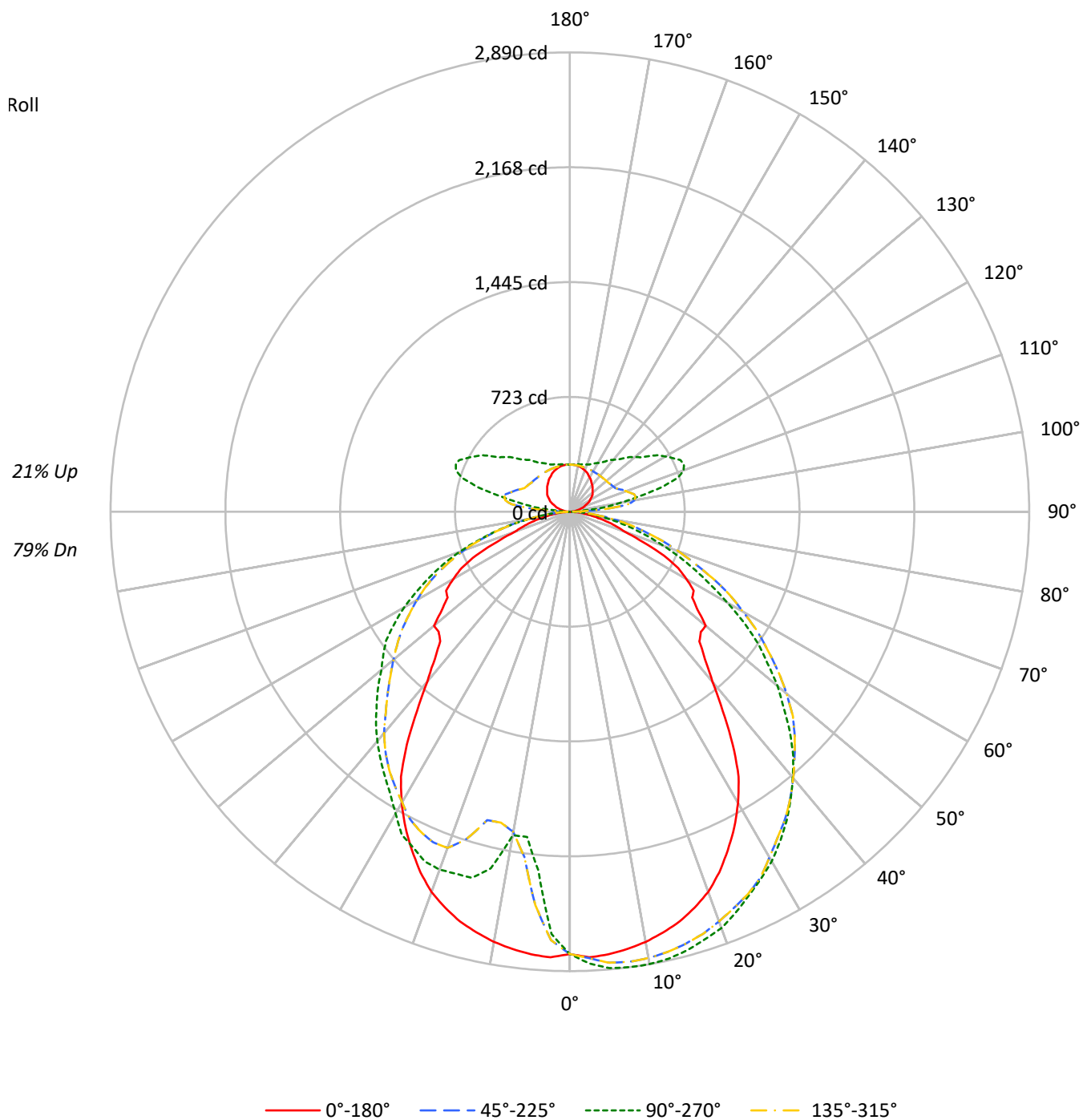
Lumens per Lamp: N/A
Luminaire Lumens: 9141.3 lumens
Efficiency: N/A
Efficacy: 117.8 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 77.6
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: P934092

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

Luminous Intensity Polar Plot



TEST NUMBER: P934092

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	114	114	114	114	109	109	109	109	99	99	99	91	91	91	83	83	83
1	104	100	96	92	100	96	92	89	88	85	82	80	78	76	73	72	70
2	95	87	81	76	91	84	78	73	77	72	68	70	67	64	65	62	59
3	87	77	69	63	83	74	67	61	68	62	57	62	58	54	57	54	50
4	79	68	60	53	76	65	58	52	60	54	49	56	50	46	51	47	43
5	73	61	52	46	70	58	51	45	54	47	42	50	44	40	46	41	38
6	67	55	46	40	64	53	45	39	49	42	37	45	39	35	42	37	33
7	62	50	41	35	59	48	40	34	44	38	33	41	35	31	38	33	30
8	58	45	37	31	55	44	36	31	40	34	29	38	32	28	35	30	26
9	54	41	33	28	52	40	33	27	37	31	26	35	29	25	32	27	24
10	51	38	30	25	48	37	30	25	34	28	24	32	27	23	30	25	22

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12907	12907	12907	12907
5°	13004	13029	13004	10245
10°	12916	12834	12916	9175
15°	12776	12556	12776	10485
20°	12509	12227	12509	10507
25°	11962	11746	11962	10284
30°	11255	11348	11255	9795
35°	10034	10843	10034	9258
40°	8361	10249	8361	8852
45°	7471	9554	7471	8385
50°	7936	8725	7936	7917
55°	7467	7831	7467	7646
60°	7697	6651	7697	7003
65°	6978	5498	6978	6146
70°	4832	4382	4832	5151
75°	4237	3239	4237	3879
80°	3416	2141	3416	2332
85°	1961	1134	1961	963

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 11450 cd/sqm

TEST NUMBER: P934092

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	251.1	2.7
10°-20°	713.0	7.8
20°-30°	1102.2	12.1
30°-40°	1315.7	14.4
40°-50°	1323.5	14.5
50°-60°	1151.6	12.6
60°-70°	816.5	8.9
70°-80°	432.0	4.7
80°-90°	108.7	1.2
90°-100°	144.9	1.6
100°-110°	381.0	4.2
110°-120°	395.0	4.3
120°-130°	316.9	3.5
130°-140°	248.6	2.7
140°-150°	190.8	2.1
150°-160°	137.4	1.5
160°-170°	84.1	0.9
170°-180°	28.4	0.3
0°-30°	2066.3	22.6
0°-40°	3382.0	37.0
0°-60°	5857.0	64.1
0°-90°	7214.2	78.9
90°-120°	920.9	10.1
90°-150°	1677.2	18.3
90°-180°	1927.0	21.1
0°-180°	9141.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2782	2782	2782	2782	2782	
5°	2795	2882	2795	2266	2795	265
15°	2669	2856	2669	2384	2669	751
25°	2350	2664	2350	2332	2350	1079
35°	1787	2377	1787	2029	1787	1106
45°	1153	1958	1153	1719	1153	923
55°	940	1445	940	1411	940	863
65°	653	871	653	974	653	624
75°	247	413	247	495	247	260
85°	42	105	42	89	42	57
90°	2	8	2	8	2	3
95°	19	88	19	88	19	21
105°	69	596	69	596	69	73
115°	122	768	122	768	122	120
125°	170	612	170	612	170	151
135°	202	475	202	475	202	156
145°	234	385	234	385	234	147
155°	265	332	265	332	265	122
165°	286	309	286	309	286	81
175°	297	299	297	299	297	28
180°	297	297	297	297	297	

TEST NUMBER: P934092

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2805.6	2805.6	2821.4	2826.6	2826.6	2818.8	2810.9	2818.8	2842.5	2850.4	2847.8
5°	2795.1	2816.1	2845.1	2850.4	2855.6	2852.9	2847.8	2852.9	2879.3	2884.6	2887.2
7.5°	2774.1	2813.5	2850.4	2858.2	2866.2	2858.2	2855.6	2860.9	2887.2	2892.5	2892.5
10°	2747.7	2802.9	2845.1	2850.4	2858.2	2850.4	2850.4	2860.9	2887.2	2892.5	2895.1
12.5°	2710.8	2787.2	2826.6	2831.9	2842.5	2839.8	2837.2	2847.8	2874.1	2879.3	2879.3
15°	2668.8	2758.2	2795.1	2800.4	2818.8	2813.5	2813.5	2824.1	2852.9	2860.9	2858.2
17.5°	2610.8	2721.4	2763.5	2771.4	2784.5	2781.9	2784.5	2795.1	2821.4	2826.6	2829.3
20°	2545.1	2671.4	2721.4	2729.2	2742.5	2742.5	2742.5	2755.6	2781.9	2792.5	2792.5
22.5°	2455.5	2618.8	2671.4	2676.7	2692.4	2692.4	2697.7	2716.1	2739.8	2742.5	2742.5
25°	2350.3	2560.8	2605.5	2621.4	2637.2	2645.1	2652.9	2663.5	2671.4	2668.8	2671.4
27.5°	2239.7	2487.1	2545.1	2555.5	2576.7	2584.5	2595.1	2597.7	2600.4	2608.2	2602.9
30°	2116.0	2384.5	2471.4	2481.9	2516.1	2521.4	2510.8	2516.1	2529.2	2534.5	2539.8
32.5°	1976.6	2231.8	2395.1	2418.7	2450.3	2434.5	2431.8	2439.8	2460.8	2460.8	2466.1
35°	1787.0	2113.4	2324.0	2345.0	2368.7	2350.3	2360.8	2363.4	2376.7	2384.5	2381.8
37.5°	1579.2	2010.7	2250.3	2266.1	2284.5	2260.8	2276.6	2284.5	2295.0	2289.8	2289.8
40°	1394.9	1850.3	2163.4	2174.0	2189.7	2171.3	2187.1	2192.4	2197.7	2192.4	2189.7
42.5°	1258.0	1673.9	2071.3	2084.4	2074.0	2087.1	2092.4	2102.9	2095.0	2084.4	2084.4
45°	1152.8	1626.5	1971.3	1987.1	1971.3	1992.4	2000.3	2000.3	1976.6	1971.3	1968.7
47.5°	1118.6	1531.7	1871.3	1871.3	1863.4	1889.7	1902.9	1884.4	1860.7	1852.9	1852.9
50°	1115.9	1426.5	1734.4	1723.9	1760.7	1792.3	1779.2	1760.7	1742.3	1713.3	1713.3
52.5°	1013.3	1297.5	1558.0	1597.6	1655.5	1673.9	1652.9	1634.4	1602.9	1589.7	1579.2
55°	939.6	1163.3	1397.6	1476.5	1537.0	1560.7	1521.2	1502.9	1455.5	1447.6	1442.3
57.5°	923.8	968.5	1250.2	1350.2	1423.9	1421.2	1397.6	1363.3	1323.9	1315.9	1313.3
60°	847.5	700.1	1092.2	1210.6	1287.0	1279.1	1258.0	1226.5	1189.6	1184.3	1179.1
62.5°	768.5	508.0	913.2	1047.5	1155.4	1152.8	1134.3	1086.9	1060.6	1047.5	1036.9
65°	652.7	426.4	650.1	871.2	1026.5	1031.7	992.2	958.1	929.1	913.2	910.6
67.5°	497.4	347.4	439.5	726.4	902.8	897.5	847.5	831.7	794.8	786.9	771.1
70°	368.4	231.6	305.3	589.5	781.7	768.5	729.1	710.6	676.4	658.0	647.4
72.5°	305.3	186.8	223.7	458.0	658.0	642.2	608.0	586.9	558.0	542.1	531.7
75°	247.4	197.4	171.1	339.5	534.3	523.8	492.1	471.1	447.4	426.4	429.0
77.5°	181.6	184.3	136.9	250.0	423.7	408.0	389.5	363.2	352.7	331.7	331.7
80°	136.9	144.7	102.7	171.1	305.3	305.3	289.5	271.1	252.7	242.1	242.1
82.5°	92.1	92.1	76.3	107.9	208.0	200.0	189.5	184.3	173.7	168.4	168.4
85°	42.1	52.6	47.4	65.8	113.1	118.4	118.4	113.1	110.6	105.3	107.9
87.5°	13.1	23.7	29.0	36.9	57.9	60.6	63.1	63.1	63.1	65.8	65.8
90°	2.0	3.6	5.2	5.6	8.8	13.0	15.1	13.4	10.1	7.6	7.6
92.5°	8.0	21.5	35.2	38.5	54.2	75.0	85.4	74.8	53.8	37.9	36.5
95°	19.1	43.9	68.8	75.0	133.2	210.8	249.6	222.7	169.0	128.7	124.1
97.5°	33.2	55.1	76.9	82.4	179.4	308.8	373.5	356.6	322.6	297.1	288.4
100°	43.9	63.7	83.6	88.5	196.2	339.7	411.5	412.8	415.3	417.2	406.9
102.5°	53.1	71.6	90.1	94.7	204.0	349.6	422.4	444.0	487.2	519.7	510.8
105°	68.6	84.4	100.1	104.0	209.8	350.7	421.2	469.7	566.7	639.4	634.7
107.5°	84.6	99.2	113.8	117.5	210.8	335.1	397.2	464.8	600.2	701.7	702.9
110°	95.4	108.6	121.8	125.1	209.2	321.2	377.3	452.9	604.2	717.6	722.6

TEST NUMBER: P934092

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	106.0	118.5	131.1	134.3	209.3	309.2	359.2	436.5	591.3	707.5	715.1
115°	121.9	133.5	145.1	148.0	211.2	295.3	337.3	411.9	561.1	673.0	683.6
117.5°	137.6	148.2	158.8	161.5	215.1	286.6	322.4	389.7	524.3	625.3	637.0
120°	146.8	156.8	166.7	169.2	218.3	283.8	316.4	377.9	500.9	593.1	604.5
122.5°	155.8	165.8	175.9	178.4	222.9	282.2	311.8	367.2	478.0	561.0	572.3
125°	169.6	178.8	187.8	190.1	229.1	281.0	306.9	353.9	448.0	518.5	528.9
127.5°	180.8	189.9	199.2	201.5	235.3	280.2	302.7	343.1	423.9	484.5	493.2
130°	186.8	196.7	206.6	209.1	239.7	280.7	301.1	337.0	409.0	462.8	470.9
132.5°	192.9	202.9	212.7	215.2	243.4	281.0	299.7	331.9	396.2	444.5	451.8
135°	202.1	211.2	220.2	222.5	247.4	280.7	297.3	324.3	378.2	418.6	424.8
137.5°	211.5	220.4	229.4	231.7	253.4	282.4	296.9	319.7	365.2	399.4	404.5
140°	219.2	227.5	235.8	237.8	257.1	282.7	295.5	315.2	354.6	384.1	388.8
142.5°	225.3	232.9	240.5	242.4	260.2	283.8	295.5	312.8	347.4	373.3	377.4
145°	234.5	241.1	247.7	249.4	264.1	283.8	293.5	307.7	336.0	357.2	360.3
147.5°	243.6	250.1	256.6	258.2	269.9	285.7	293.5	304.7	326.9	343.5	346.1
150°	249.6	255.5	261.3	262.7	273.0	286.6	293.5	302.9	321.7	335.8	337.8
152.5°	255.8	260.2	264.6	265.7	275.0	287.3	293.5	301.5	317.5	329.6	331.2
155°	264.9	268.2	271.5	272.3	279.4	288.8	293.5	299.9	312.6	322.2	323.2
157.5°	271.7	274.9	278.1	278.9	283.8	290.2	293.5	298.5	308.4	315.8	316.5
160°	276.3	278.8	281.3	281.9	285.8	290.9	293.5	297.8	306.3	312.6	313.0
162.5°	280.9	282.8	284.6	285.1	287.8	291.6	293.5	297.1	304.3	309.7	310.1
165°	286.0	287.6	289.3	289.7	291.0	292.7	293.5	296.1	301.2	305.1	305.5
167.5°	290.5	291.3	292.1	292.3	293.4	294.8	295.5	297.2	300.6	303.1	303.3
170°	293.5	294.3	295.1	295.3	295.4	295.5	295.5	297.2	300.6	303.1	303.1
172.5°	295.1	295.3	295.5	295.5	295.5	295.5	295.5	296.8	299.5	301.5	301.3
175°	297.3	297.3	297.3	297.3	296.7	295.9	295.5	296.3	298.0	299.3	299.3
177.5°	297.3	297.3	297.3	297.3	296.8	296.2	295.9	296.6	297.9	298.9	298.7
180°	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3

TEST NUMBER: P934092

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2852.9	2845.1	2852.9	2847.8	2850.4	2842.5	2818.8	2810.9	2818.8	2826.6	2826.6
5°	2887.2	2881.9	2887.2	2887.2	2884.6	2879.3	2852.9	2847.8	2852.9	2855.6	2850.4
7.5°	2897.8	2889.8	2897.8	2892.5	2892.5	2887.2	2860.9	2855.6	2858.2	2866.2	2858.2
10°	2897.8	2889.8	2897.8	2895.1	2892.5	2887.2	2860.9	2850.4	2850.4	2858.2	2850.4
12.5°	2884.6	2879.3	2884.6	2879.3	2879.3	2874.1	2847.8	2837.2	2839.8	2842.5	2831.9
15°	2863.5	2855.6	2863.5	2858.2	2860.9	2852.9	2824.1	2813.5	2813.5	2818.8	2800.4
17.5°	2831.9	2821.4	2831.9	2829.3	2826.6	2821.4	2795.1	2784.5	2781.9	2784.5	2771.4
20°	2795.1	2787.2	2795.1	2792.5	2792.5	2781.9	2755.6	2742.5	2742.5	2742.5	2729.2
22.5°	2737.2	2729.2	2737.2	2742.5	2742.5	2739.8	2716.1	2697.7	2692.4	2692.4	2676.7
25°	2671.4	2663.5	2671.4	2671.4	2668.8	2671.4	2663.5	2652.9	2645.1	2637.2	2621.4
27.5°	2608.2	2602.9	2608.2	2602.9	2608.2	2600.4	2597.7	2595.1	2584.5	2576.7	2555.5
30°	2545.1	2539.8	2545.1	2539.8	2534.5	2529.2	2516.1	2510.8	2521.4	2516.1	2481.9
32.5°	2466.1	2460.8	2466.1	2466.1	2460.8	2460.8	2439.8	2431.8	2434.5	2450.3	2418.7
35°	2384.5	2376.7	2384.5	2381.8	2384.5	2376.7	2363.4	2360.8	2350.3	2368.7	2345.0
37.5°	2289.8	2281.8	2289.8	2289.8	2289.8	2295.0	2284.5	2276.6	2260.8	2284.5	2266.1
40°	2192.4	2181.8	2192.4	2189.7	2192.4	2197.7	2192.4	2187.1	2171.3	2189.7	2174.0
42.5°	2081.8	2079.2	2081.8	2084.4	2084.4	2095.0	2102.9	2092.4	2087.1	2074.0	2084.4
45°	1963.4	1958.1	1963.4	1968.7	1971.3	1976.6	2000.3	2000.3	1992.4	1971.3	1987.1
47.5°	1837.0	1823.9	1837.0	1852.9	1852.9	1860.7	1884.4	1902.9	1889.7	1863.4	1871.3
50°	1702.9	1705.5	1702.9	1713.3	1713.3	1742.3	1760.7	1779.2	1792.3	1760.7	1723.9
52.5°	1571.3	1568.6	1571.3	1579.2	1589.7	1602.9	1634.4	1652.9	1673.9	1655.5	1597.6
55°	1439.6	1444.9	1439.6	1442.3	1447.6	1455.5	1502.9	1521.2	1560.7	1537.0	1476.5
57.5°	1308.0	1300.2	1308.0	1313.3	1315.9	1323.9	1363.3	1397.6	1421.2	1423.9	1350.2
60°	1155.4	1144.9	1155.4	1179.1	1184.3	1189.6	1226.5	1258.0	1279.1	1287.0	1210.6
62.5°	1021.2	1002.8	1021.2	1036.9	1047.5	1060.6	1086.9	1134.3	1152.8	1155.4	1047.5
65°	879.1	871.2	879.1	910.6	913.2	929.1	958.1	992.2	1031.7	1026.5	871.2
67.5°	750.1	750.1	750.1	771.1	786.9	794.8	831.7	847.5	897.5	902.8	726.4
70°	631.7	629.1	631.7	647.4	658.0	676.4	710.6	729.1	768.5	781.7	589.5
72.5°	518.5	515.8	518.5	531.7	542.1	558.0	586.9	608.0	642.2	658.0	458.0
75°	418.5	413.2	418.5	429.0	426.4	447.4	471.1	492.1	523.8	534.3	339.5
77.5°	321.1	321.1	321.1	331.7	331.7	352.7	363.2	389.5	408.0	423.7	250.0
80°	239.5	236.8	239.5	242.1	242.1	252.7	271.1	289.5	305.3	305.3	171.1
82.5°	168.4	163.1	168.4	168.4	168.4	173.7	184.3	189.5	200.0	208.0	107.9
85°	105.3	105.3	105.3	107.9	105.3	110.6	113.1	118.4	118.4	113.1	65.8
87.5°	68.4	65.8	68.4	65.8	65.8	63.1	63.1	63.1	60.6	57.9	36.9
90°	7.6	7.6	7.6	7.6	7.6	10.1	13.4	15.1	13.0	8.8	5.6
92.5°	30.4	24.3	30.4	36.5	37.9	53.8	74.8	85.4	75.0	54.2	38.5
95°	105.9	87.5	105.9	124.1	128.7	169.0	222.7	249.6	210.8	133.2	75.0
97.5°	253.6	218.8	253.6	288.4	297.1	322.6	356.6	373.5	308.8	179.4	82.4
100°	365.4	324.0	365.4	406.9	417.2	415.3	412.8	411.5	339.7	196.2	88.5
102.5°	475.4	439.9	475.4	510.8	519.7	487.2	444.0	422.4	349.6	204.0	94.7
105°	615.6	596.5	615.6	634.7	639.4	566.7	469.7	421.2	350.7	209.8	104.0
107.5°	707.5	712.0	707.5	702.9	701.7	600.2	464.8	397.2	335.1	210.8	117.5
110°	742.4	762.3	742.4	722.6	717.6	604.2	452.9	377.3	321.2	209.2	125.1

TEST NUMBER: P934092

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	745.6	776.1	745.6	715.1	707.5	591.3	436.5	359.2	309.2	209.3	134.3
115°	725.9	768.1	725.9	683.6	673.0	561.1	411.9	337.3	295.3	211.2	148.0
117.5°	684.0	730.9	684.0	637.0	625.3	524.3	389.7	322.4	286.6	215.1	161.5
120°	650.1	695.7	650.1	604.5	593.1	500.9	377.9	316.4	283.8	218.3	169.2
122.5°	617.2	662.1	617.2	572.3	561.0	478.0	367.2	311.8	282.2	222.9	178.4
125°	570.3	611.7	570.3	528.9	518.5	448.0	353.9	306.9	281.0	229.1	190.1
127.5°	528.1	563.0	528.1	493.2	484.5	423.9	343.1	302.7	280.2	235.3	201.5
130°	503.2	535.4	503.2	470.9	462.8	409.0	337.0	301.1	280.7	239.7	209.1
132.5°	480.7	509.6	480.7	451.8	444.5	396.2	331.9	299.7	281.0	243.4	215.2
135°	449.7	474.6	449.7	424.8	418.6	378.2	324.3	297.3	280.7	247.4	222.5
137.5°	424.9	445.3	424.9	404.5	399.4	365.2	319.7	296.9	282.4	253.4	231.7
140°	407.9	427.0	407.9	388.8	384.1	354.6	315.2	295.5	282.7	257.1	237.8
142.5°	393.8	410.2	393.8	377.4	373.3	347.4	312.8	295.5	283.8	260.2	242.4
145°	372.7	385.1	372.7	360.3	357.2	336.0	307.7	293.5	283.8	264.1	249.4
147.5°	356.4	366.7	356.4	346.1	343.5	326.9	304.7	293.5	285.7	269.9	258.2
150°	346.2	354.6	346.2	337.8	335.8	321.7	302.9	293.5	286.6	273.0	262.7
152.5°	337.4	343.7	337.4	331.2	329.6	317.5	301.5	293.5	287.3	275.0	265.7
155°	327.4	331.6	327.4	323.2	322.2	312.6	299.9	293.5	288.8	279.4	272.3
157.5°	319.5	322.4	319.5	316.5	315.8	308.4	298.5	293.5	290.2	283.8	278.9
160°	314.7	316.4	314.7	313.0	312.6	306.3	297.8	293.5	290.9	285.8	281.9
162.5°	311.6	313.2	311.6	310.1	309.7	304.3	297.1	293.5	291.6	287.8	285.1
165°	307.2	308.9	307.2	305.5	305.1	301.2	296.1	293.5	292.7	291.0	289.7
167.5°	304.0	304.7	304.0	303.3	303.1	300.6	297.2	295.5	294.8	293.4	292.3
170°	303.1	303.1	303.1	303.1	303.1	300.6	297.2	295.5	295.5	295.4	295.3
172.5°	300.7	300.1	300.7	301.3	301.5	299.5	296.8	295.5	295.5	295.5	295.5
175°	299.3	299.3	299.3	299.3	299.3	298.0	296.3	295.5	295.9	296.7	297.3
177.5°	298.0	297.3	298.0	298.7	298.9	297.9	296.6	295.9	296.2	296.8	297.3
180°	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3

TEST NUMBER: P934092

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2821.4	2805.6	2805.6	2779.3	2768.8	2760.9	2747.7	2708.2	2697.7	2687.2	2702.9
5°	2845.1	2816.1	2795.1	2747.7	2708.2	2692.4	2642.4	2547.7	2484.5	2437.1	2410.8
7.5°	2850.4	2813.5	2774.1	2700.4	2605.5	2563.5	2410.8	2237.1	2189.7	2147.7	2121.3
10°	2845.1	2802.9	2747.7	2637.2	2413.4	2339.8	2187.1	2074.0	2045.0	2037.1	2045.0
12.5°	2826.6	2787.2	2710.8	2526.7	2213.4	2163.4	2074.0	2008.1	2002.9	2016.0	2087.1
15°	2795.1	2758.2	2668.8	2379.2	2102.9	2066.0	2002.9	1979.2	2008.1	2100.3	2313.4
17.5°	2763.5	2721.4	2610.8	2234.5	2018.7	1992.4	1947.6	1995.0	2158.1	2281.8	2353.0
20°	2721.4	2671.4	2545.1	2129.2	1958.1	1934.4	1913.4	2126.6	2250.3	2295.0	2334.5
22.5°	2671.4	2618.8	2455.5	2055.5	1895.0	1876.6	1889.7	2200.3	2250.3	2281.8	2316.1
25°	2605.5	2560.8	2350.3	1997.6	1845.0	1823.9	1873.9	2192.4	2221.3	2229.2	2297.7
27.5°	2545.1	2487.1	2239.7	1945.0	1784.4	1776.6	1887.1	2158.1	2179.2	2187.1	2260.8
30°	2471.4	2384.5	2116.0	1889.7	1721.3	1718.6	1889.7	2116.0	2110.8	2131.8	2205.5
32.5°	2395.1	2231.8	1976.6	1821.3	1660.7	1658.1	1871.3	2052.9	2047.6	2076.6	2131.8
35°	2324.0	2113.4	1787.0	1742.3	1584.4	1587.0	1826.6	1979.2	1981.8	2008.1	2042.4
37.5°	2250.3	2010.7	1579.2	1655.5	1510.7	1510.7	1766.0	1910.7	1905.5	1913.4	1960.7
40°	2163.4	1850.3	1394.9	1542.3	1442.3	1434.3	1692.3	1837.0	1818.6	1816.0	1881.8
42.5°	2071.3	1673.9	1258.0	1392.3	1363.3	1352.8	1602.9	1747.6	1713.3	1721.3	1805.4
45°	1971.3	1626.5	1152.8	1176.5	1281.8	1273.9	1505.5	1644.9	1621.3	1642.3	1729.2
47.5°	1871.3	1531.7	1118.6	976.5	1194.9	1192.2	1397.6	1544.9	1531.7	1552.9	1644.9
50°	1734.4	1426.5	1115.9	836.9	1097.5	1108.0	1268.6	1447.6	1447.6	1466.0	1563.3
52.5°	1558.0	1297.5	1013.3	758.0	984.3	1015.9	1155.4	1363.3	1368.6	1387.0	1473.9
55°	1397.6	1163.3	939.6	697.5	850.1	918.5	1044.9	1276.5	1287.0	1305.5	1384.3
57.5°	1250.2	968.5	923.8	626.4	726.4	792.2	947.5	1192.2	1197.5	1213.3	1289.6
60°	1092.2	700.1	847.5	550.1	618.5	668.5	858.0	1092.2	1110.6	1121.2	1187.0
62.5°	913.2	508.0	768.5	497.4	565.8	576.4	784.4	997.5	1021.2	1029.1	1068.5
65°	650.1	426.4	652.7	452.7	510.5	513.2	705.4	900.1	921.2	934.3	963.2
67.5°	439.5	347.4	497.4	410.6	468.5	471.1	629.1	786.9	815.9	826.4	844.8
70°	305.3	231.6	368.4	365.8	421.1	426.4	547.4	684.3	710.6	718.5	729.1
72.5°	223.7	186.8	305.3	329.0	371.1	376.4	463.2	568.5	594.8	602.7	608.0
75°	171.1	197.4	247.4	286.8	315.8	318.4	379.0	463.2	481.7	486.9	489.5
77.5°	136.9	184.3	181.6	231.6	258.0	252.7	297.4	358.0	373.7	373.7	373.7
80°	102.7	144.7	136.9	165.8	189.5	184.3	213.1	255.3	260.6	265.8	263.1
82.5°	76.3	92.1	92.1	105.3	126.3	121.1	142.1	165.8	165.8	165.8	171.1
85°	47.4	52.6	42.1	55.3	71.0	68.4	79.0	89.4	92.1	92.1	86.9
87.5°	29.0	23.7	13.1	21.0	31.6	31.6	36.9	39.4	36.9	36.9	36.9
90°	5.2	3.6	2.0	3.6	5.2	5.6	8.8	13.0	15.1	13.4	10.1
92.5°	35.2	21.5	8.0	21.5	35.2	38.5	54.2	75.0	85.4	74.8	53.8
95°	68.8	43.9	19.1	43.9	68.8	75.0	133.2	210.8	249.6	222.7	169.0
97.5°	76.9	55.1	33.2	55.1	76.9	82.4	179.4	308.8	373.5	356.6	322.6
100°	83.6	63.7	43.9	63.7	83.6	88.5	196.2	339.7	411.5	412.8	415.3
102.5°	90.1	71.6	53.1	71.6	90.1	94.7	204.0	349.6	422.4	444.0	487.2
105°	100.1	84.4	68.6	84.4	100.1	104.0	209.8	350.7	421.2	469.7	566.7
107.5°	113.8	99.2	84.6	99.2	113.8	117.5	210.8	335.1	397.2	464.8	600.2
110°	121.8	108.6	95.4	108.6	121.8	125.1	209.2	321.2	377.3	452.9	604.2

TEST NUMBER: P934092

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	131.1	118.5	106.0	118.5	131.1	134.3	209.3	309.2	359.2	436.5	591.3
115°	145.1	133.5	121.9	133.5	145.1	148.0	211.2	295.3	337.3	411.9	561.1
117.5°	158.8	148.2	137.6	148.2	158.8	161.5	215.1	286.6	322.4	389.7	524.3
120°	166.7	156.8	146.8	156.8	166.7	169.2	218.3	283.8	316.4	377.9	500.9
122.5°	175.9	165.8	155.8	165.8	175.9	178.4	222.9	282.2	311.8	367.2	478.0
125°	187.8	178.8	169.6	178.8	187.8	190.1	229.1	281.0	306.9	353.9	448.0
127.5°	199.2	189.9	180.8	189.9	199.2	201.5	235.3	280.2	302.7	343.1	423.9
130°	206.6	196.7	186.8	196.7	206.6	209.1	239.7	280.7	301.1	337.0	409.0
132.5°	212.7	202.9	192.9	202.9	212.7	215.2	243.4	281.0	299.7	331.9	396.2
135°	220.2	211.2	202.1	211.2	220.2	222.5	247.4	280.7	297.3	324.3	378.2
137.5°	229.4	220.4	211.5	220.4	229.4	231.7	253.4	282.4	296.9	319.7	365.2
140°	235.8	227.5	219.2	227.5	235.8	237.8	257.1	282.7	295.5	315.2	354.6
142.5°	240.5	232.9	225.3	232.9	240.5	242.4	260.2	283.8	295.5	312.8	347.4
145°	247.7	241.1	234.5	241.1	247.7	249.4	264.1	283.8	293.5	307.7	336.0
147.5°	256.6	250.1	243.6	250.1	256.6	258.2	269.9	285.7	293.5	304.7	326.9
150°	261.3	255.5	249.6	255.5	261.3	262.7	273.0	286.6	293.5	302.9	321.7
152.5°	264.6	260.2	255.8	260.2	264.6	265.7	275.0	287.3	293.5	301.5	317.5
155°	271.5	268.2	264.9	268.2	271.5	272.3	279.4	288.8	293.5	299.9	312.6
157.5°	278.1	274.9	271.7	274.9	278.1	278.9	283.8	290.2	293.5	298.5	308.4
160°	281.3	278.8	276.3	278.8	281.3	281.9	285.8	290.9	293.5	297.8	306.3
162.5°	284.6	282.8	280.9	282.8	284.6	285.1	287.8	291.6	293.5	297.1	304.3
165°	289.3	287.6	286.0	287.6	289.3	289.7	291.0	292.7	293.5	296.1	301.2
167.5°	292.1	291.3	290.5	291.3	292.1	292.3	293.4	294.8	295.5	297.2	300.6
170°	295.1	294.3	293.5	294.3	295.1	295.3	295.4	295.5	295.5	297.2	300.6
172.5°	295.5	295.3	295.1	295.3	295.5	295.5	295.5	295.5	295.5	296.8	299.5
175°	297.3	297.3	297.3	297.3	297.3	297.3	296.7	295.9	295.5	296.3	298.0
177.5°	297.3	297.3	297.3	297.3	297.3	297.3	296.8	296.2	295.9	296.6	297.9
180°	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3

TEST NUMBER: P934092

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2684.5	2676.7	2687.2	2658.2	2687.2	2676.7	2684.5	2702.9	2687.2	2697.7	2708.2
5°	2355.5	2342.4	2300.3	2266.1	2300.3	2342.4	2355.5	2410.8	2437.1	2484.5	2547.7
7.5°	2105.5	2095.0	2084.4	2063.4	2084.4	2095.0	2105.5	2121.3	2147.7	2189.7	2237.1
10°	2050.3	2052.9	2068.7	2066.0	2068.7	2052.9	2050.3	2045.0	2037.1	2045.0	2074.0
12.5°	2192.4	2216.1	2303.0	2297.7	2303.0	2216.1	2192.4	2087.1	2016.0	2002.9	2008.1
15°	2355.5	2363.4	2381.8	2384.5	2381.8	2363.4	2355.5	2313.4	2100.3	2008.1	1979.2
17.5°	2371.4	2374.0	2387.1	2387.1	2387.1	2374.0	2371.4	2353.0	2281.8	2158.1	1995.0
20°	2358.2	2363.4	2389.8	2395.1	2389.8	2363.4	2358.2	2334.5	2295.0	2250.3	2126.6
22.5°	2353.0	2363.4	2384.5	2381.8	2384.5	2363.4	2353.0	2316.1	2281.8	2250.3	2200.3
25°	2326.6	2326.6	2329.2	2331.8	2329.2	2326.6	2326.6	2297.7	2229.2	2221.3	2192.4
27.5°	2271.4	2276.6	2292.4	2289.8	2292.4	2276.6	2271.4	2260.8	2187.1	2179.2	2158.1
30°	2221.3	2216.1	2202.9	2192.4	2202.9	2216.1	2221.3	2205.5	2131.8	2110.8	2116.0
32.5°	2137.1	2124.0	2110.8	2102.9	2110.8	2124.0	2137.1	2131.8	2076.6	2047.6	2052.9
35°	2037.1	2039.7	2037.1	2029.2	2037.1	2039.7	2037.1	2042.4	2008.1	1981.8	1979.2
37.5°	1966.0	1971.3	1968.7	1958.1	1968.7	1971.3	1966.0	1960.7	1913.4	1905.5	1910.7
40°	1892.3	1895.0	1892.3	1884.4	1892.3	1895.0	1892.3	1881.8	1816.0	1818.6	1837.0
42.5°	1821.3	1818.6	1810.7	1805.4	1810.7	1818.6	1821.3	1805.4	1721.3	1713.3	1747.6
45°	1739.7	1742.3	1726.6	1718.6	1726.6	1742.3	1739.7	1729.2	1642.3	1621.3	1644.9
47.5°	1658.1	1658.1	1644.9	1637.0	1644.9	1658.1	1658.1	1644.9	1552.9	1531.7	1544.9
50°	1571.3	1568.6	1550.2	1547.6	1550.2	1568.6	1571.3	1563.3	1466.0	1447.6	1447.6
52.5°	1471.2	1471.2	1473.9	1479.2	1473.9	1471.2	1471.2	1473.9	1387.0	1368.6	1363.3
55°	1384.3	1387.0	1405.5	1410.7	1405.5	1387.0	1384.3	1384.3	1305.5	1287.0	1276.5
57.5°	1294.9	1294.9	1308.0	1308.0	1308.0	1294.9	1294.9	1289.6	1213.3	1197.5	1192.2
60°	1192.2	1197.5	1208.0	1205.5	1208.0	1197.5	1192.2	1187.0	1121.2	1110.6	1092.2
62.5°	1084.3	1089.6	1092.2	1086.9	1092.2	1089.6	1084.3	1068.5	1029.1	1021.2	997.5
65°	971.2	976.5	979.1	973.8	979.1	976.5	971.2	963.2	934.3	921.2	900.1
67.5°	855.4	852.8	850.1	860.6	850.1	852.8	855.4	844.8	826.4	815.9	786.9
70°	736.9	736.9	734.3	739.5	734.3	736.9	736.9	729.1	718.5	710.6	684.3
72.5°	610.6	608.0	618.5	610.6	618.5	608.0	610.6	608.0	602.7	594.8	568.5
75°	486.9	492.1	486.9	494.8	486.9	492.1	486.9	489.5	486.9	481.7	463.2
77.5°	371.1	376.4	371.1	371.1	371.1	376.4	371.1	373.7	373.7	373.7	358.0
80°	263.1	260.6	260.6	258.0	260.6	260.6	263.1	263.1	265.8	260.6	255.3
82.5°	168.4	165.8	165.8	171.1	165.8	165.8	168.4	171.1	165.8	165.8	165.8
85°	92.1	94.7	89.4	89.4	89.4	94.7	92.1	86.9	92.1	92.1	89.4
87.5°	34.3	31.6	31.6	31.6	31.6	31.6	34.3	36.9	36.9	36.9	39.4
90°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	10.1	13.4	15.1	13.0
92.5°	37.9	36.5	30.4	24.3	30.4	36.5	37.9	53.8	74.8	85.4	75.0
95°	128.7	124.1	105.9	87.5	105.9	124.1	128.7	169.0	222.7	249.6	210.8
97.5°	297.1	288.4	253.6	218.8	253.6	288.4	297.1	322.6	356.6	373.5	308.8
100°	417.2	406.9	365.4	324.0	365.4	406.9	417.2	415.3	412.8	411.5	339.7
102.5°	519.7	510.8	475.4	439.9	475.4	510.8	519.7	487.2	444.0	422.4	349.6
105°	639.4	634.7	615.6	596.5	615.6	634.7	639.4	566.7	469.7	421.2	350.7
107.5°	701.7	702.9	707.5	712.0	707.5	702.9	701.7	600.2	464.8	397.2	335.1
110°	717.6	722.6	742.4	762.3	742.4	722.6	717.6	604.2	452.9	377.3	321.2

TEST NUMBER: P934092

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	707.5	715.1	745.6	776.1	745.6	715.1	707.5	591.3	436.5	359.2	309.2
115°	673.0	683.6	725.9	768.1	725.9	683.6	673.0	561.1	411.9	337.3	295.3
117.5°	625.3	637.0	684.0	730.9	684.0	637.0	625.3	524.3	389.7	322.4	286.6
120°	593.1	604.5	650.1	695.7	650.1	604.5	593.1	500.9	377.9	316.4	283.8
122.5°	561.0	572.3	617.2	662.1	617.2	572.3	561.0	478.0	367.2	311.8	282.2
125°	518.5	528.9	570.3	611.7	570.3	528.9	518.5	448.0	353.9	306.9	281.0
127.5°	484.5	493.2	528.1	563.0	528.1	493.2	484.5	423.9	343.1	302.7	280.2
130°	462.8	470.9	503.2	535.4	503.2	470.9	462.8	409.0	337.0	301.1	280.7
132.5°	444.5	451.8	480.7	509.6	480.7	451.8	444.5	396.2	331.9	299.7	281.0
135°	418.6	424.8	449.7	474.6	449.7	424.8	418.6	378.2	324.3	297.3	280.7
137.5°	399.4	404.5	424.9	445.3	424.9	404.5	399.4	365.2	319.7	296.9	282.4
140°	384.1	388.8	407.9	427.0	407.9	388.8	384.1	354.6	315.2	295.5	282.7
142.5°	373.3	377.4	393.8	410.2	393.8	377.4	373.3	347.4	312.8	295.5	283.8
145°	357.2	360.3	372.7	385.1	372.7	360.3	357.2	336.0	307.7	293.5	283.8
147.5°	343.5	346.1	356.4	366.7	356.4	346.1	343.5	326.9	304.7	293.5	285.7
150°	335.8	337.8	346.2	354.6	346.2	337.8	335.8	321.7	302.9	293.5	286.6
152.5°	329.6	331.2	337.4	343.7	337.4	331.2	329.6	317.5	301.5	293.5	287.3
155°	322.2	323.2	327.4	331.6	327.4	323.2	322.2	312.6	299.9	293.5	288.8
157.5°	315.8	316.5	319.5	322.4	319.5	316.5	315.8	308.4	298.5	293.5	290.2
160°	312.6	313.0	314.7	316.4	314.7	313.0	312.6	306.3	297.8	293.5	290.9
162.5°	309.7	310.1	311.6	313.2	311.6	310.1	309.7	304.3	297.1	293.5	291.6
165°	305.1	305.5	307.2	308.9	307.2	305.5	305.1	301.2	296.1	293.5	292.7
167.5°	303.1	303.3	304.0	304.7	304.0	303.3	303.1	300.6	297.2	295.5	294.8
170°	303.1	303.1	303.1	303.1	303.1	303.1	303.1	300.6	297.2	295.5	295.5
172.5°	301.5	301.3	300.7	300.1	300.7	301.3	301.5	299.5	296.8	295.5	295.5
175°	299.3	299.3	299.3	299.3	299.3	299.3	299.3	298.0	296.3	295.5	295.9
177.5°	298.9	298.7	298.0	297.3	298.0	298.7	298.9	297.9	296.6	295.9	296.2
180°	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3	297.3

TEST NUMBER: P934092

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2781.9	2781.9	2781.9	2781.9	2781.9
2.5°	2747.7	2760.9	2768.8	2779.3	2805.6
5°	2642.4	2692.4	2708.2	2747.7	2795.1
7.5°	2410.8	2563.5	2605.5	2700.4	2774.1
10°	2187.1	2339.8	2413.4	2637.2	2747.7
12.5°	2074.0	2163.4	2213.4	2526.7	2710.8
15°	2002.9	2066.0	2102.9	2379.2	2668.8
17.5°	1947.6	1992.4	2018.7	2234.5	2610.8
20°	1913.4	1934.4	1958.1	2129.2	2545.1
22.5°	1889.7	1876.6	1895.0	2055.5	2455.5
25°	1873.9	1823.9	1845.0	1997.6	2350.3
27.5°	1887.1	1776.6	1784.4	1945.0	2239.7
30°	1889.7	1718.6	1721.3	1889.7	2116.0
32.5°	1871.3	1658.1	1660.7	1821.3	1976.6
35°	1826.6	1587.0	1584.4	1742.3	1787.0
37.5°	1766.0	1510.7	1510.7	1655.5	1579.2
40°	1692.3	1434.3	1442.3	1542.3	1394.9
42.5°	1602.9	1352.8	1363.3	1392.3	1258.0
45°	1505.5	1273.9	1281.8	1176.5	1152.8
47.5°	1397.6	1192.2	1194.9	976.5	1118.6
50°	1268.6	1108.0	1097.5	836.9	1115.9
52.5°	1155.4	1015.9	984.3	758.0	1013.3
55°	1044.9	918.5	850.1	697.5	939.6
57.5°	947.5	792.2	726.4	626.4	923.8
60°	858.0	668.5	618.5	550.1	847.5
62.5°	784.4	576.4	565.8	497.4	768.5
65°	705.4	513.2	510.5	452.7	652.7
67.5°	629.1	471.1	468.5	410.6	497.4
70°	547.4	426.4	421.1	365.8	368.4
72.5°	463.2	376.4	371.1	329.0	305.3
75°	379.0	318.4	315.8	286.8	247.4
77.5°	297.4	252.7	258.0	231.6	181.6
80°	213.1	184.3	189.5	165.8	136.9
82.5°	142.1	121.1	126.3	105.3	92.1
85°	79.0	68.4	71.0	55.3	42.1
87.5°	36.9	31.6	31.6	21.0	13.1
90°	8.8	5.6	5.2	3.6	2.0
92.5°	54.2	38.5	35.2	21.5	8.0
95°	133.2	75.0	68.8	43.9	19.1
97.5°	179.4	82.4	76.9	55.1	33.2
100°	196.2	88.5	83.6	63.7	43.9
102.5°	204.0	94.7	90.1	71.6	53.1
105°	209.8	104.0	100.1	84.4	68.6
107.5°	210.8	117.5	113.8	99.2	84.6
110°	209.2	125.1	121.8	108.6	95.4



TEST NUMBER: P934092

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	209.3	134.3	131.1	118.5	106.0
115°	211.2	148.0	145.1	133.5	121.9
117.5°	215.1	161.5	158.8	148.2	137.6
120°	218.3	169.2	166.7	156.8	146.8
122.5°	222.9	178.4	175.9	165.8	155.8
125°	229.1	190.1	187.8	178.8	169.6
127.5°	235.3	201.5	199.2	189.9	180.8
130°	239.7	209.1	206.6	196.7	186.8
132.5°	243.4	215.2	212.7	202.9	192.9
135°	247.4	222.5	220.2	211.2	202.1
137.5°	253.4	231.7	229.4	220.4	211.5
140°	257.1	237.8	235.8	227.5	219.2
142.5°	260.2	242.4	240.5	232.9	225.3
145°	264.1	249.4	247.7	241.1	234.5
147.5°	269.9	258.2	256.6	250.1	243.6
150°	273.0	262.7	261.3	255.5	249.6
152.5°	275.0	265.7	264.6	260.2	255.8
155°	279.4	272.3	271.5	268.2	264.9
157.5°	283.8	278.9	278.1	274.9	271.7
160°	285.8	281.9	281.3	278.8	276.3
162.5°	287.8	285.1	284.6	282.8	280.9
165°	291.0	289.7	289.3	287.6	286.0
167.5°	293.4	292.3	292.1	291.3	290.5
170°	295.4	295.3	295.1	294.3	293.5
172.5°	295.5	295.5	295.5	295.3	295.1
175°	296.7	297.3	297.3	297.3	297.3
177.5°	296.8	297.3	297.3	297.3	297.3
180°	297.3	297.3	297.3	297.3	297.3

TEST NUMBER: P934092

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-8-2700K

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	16.03	17.23	16.69	17.91	18.69	18.87	20.06	19.53	20.74	21.53
	3H	16.53	17.61	17.21	18.30	19.12	20.24	21.32	20.91	22.00	22.83
	4H	16.74	17.75	17.43	18.45	19.29	20.70	21.72	21.39	22.42	23.25
	6H	16.87	17.81	17.58	18.52	19.37	21.00	21.94	21.71	22.65	23.50
	8H	16.88	17.78	17.60	18.51	19.36	21.09	21.98	21.81	22.71	23.56
	12H	16.87	17.72	17.59	18.44	19.32	21.14	21.99	21.87	22.72	23.60
4H	2H	17.10	18.12	17.80	18.82	19.65	19.31	20.33	20.01	21.03	21.86
	3H	18.16	19.01	18.87	19.74	20.60	20.85	21.70	21.56	22.44	23.29
	4H	18.45	19.22	19.18	19.96	20.84	21.40	22.17	22.12	22.91	23.79
	6H	18.59	19.26	19.34	20.03	20.92	21.78	22.45	22.53	23.21	24.11
	8H	18.61	19.23	19.36	19.99	20.90	21.90	22.52	22.65	23.28	24.19
	12H	18.59	19.15	19.36	19.94	20.84	21.97	22.53	22.74	23.32	24.23
8H	4H	18.93	19.55	19.68	20.32	21.22	21.55	22.17	22.30	22.93	23.84
	6H	19.21	19.72	19.99	20.53	21.43	22.00	22.52	22.78	23.32	24.23
	8H	19.25	19.71	20.05	20.52	21.44	22.16	22.62	22.95	23.42	24.34
	12H	19.25	19.66	20.05	20.45	21.43	22.27	22.68	23.07	23.47	24.45
12H	4H	18.95	19.51	19.73	20.30	21.21	21.53	22.09	22.30	22.87	23.78
	6H	19.27	19.73	20.06	20.54	21.46	22.00	22.46	22.79	23.26	24.19
	8H	19.35	19.76	20.15	20.55	21.53	22.18	22.58	22.97	23.38	24.36

END OF REPORT