

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: P934492

Luminaire Tested: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934492
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-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

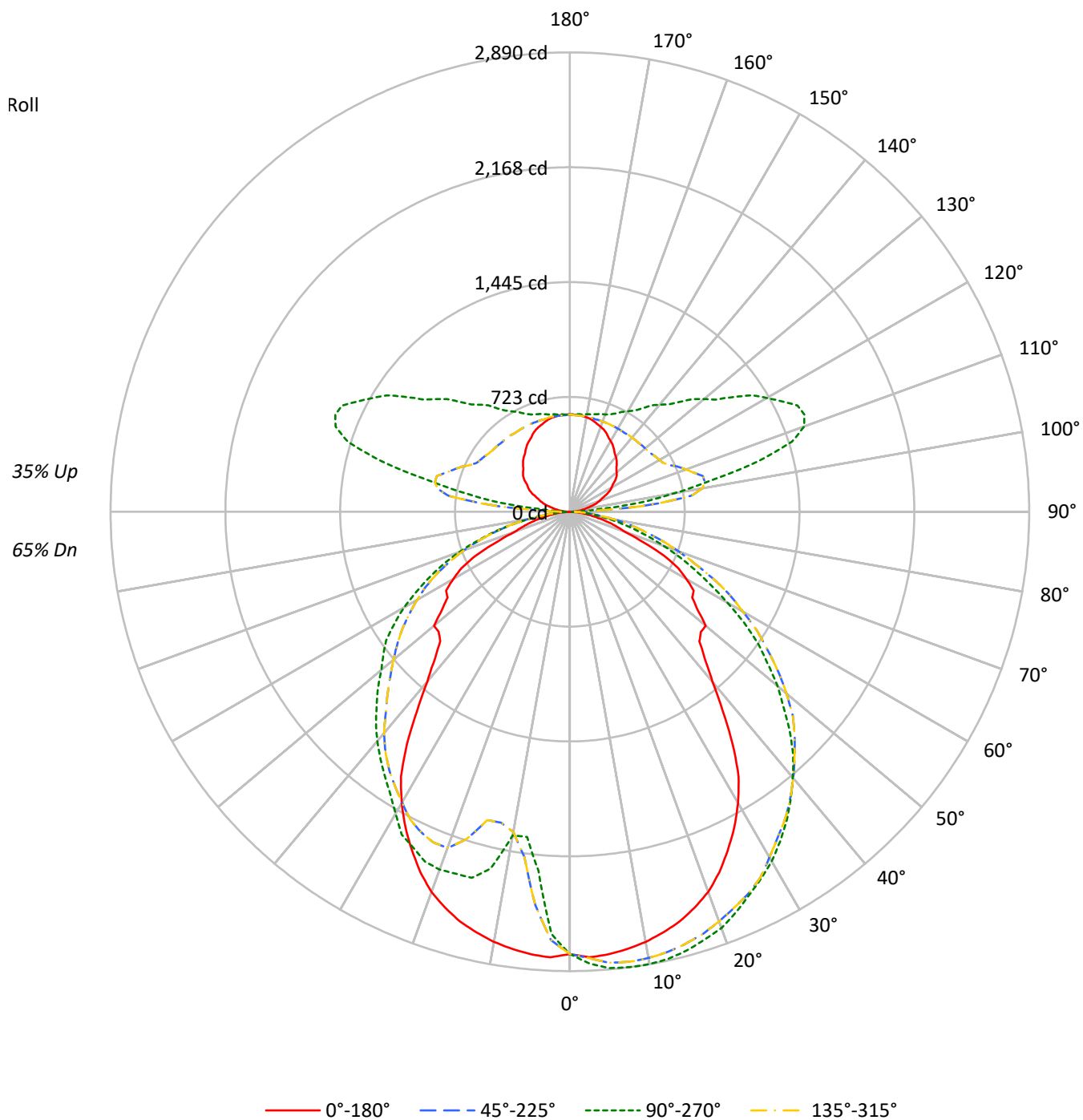
Lumens per Lamp: N/A
Luminaire Lumens: 11181.1 lumens
Efficiency: N/A
Efficacy: 123.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

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

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CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-2700K

Luminous Intensity Polar Plot



TEST NUMBER: P934492

CATALOG NUMBER: SQ4-FA-050U-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	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°	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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	251.1	2.2
10°-20°	713.0	6.4
20°-30°	1102.2	9.9
30°-40°	1315.7	11.8
40°-50°	1323.5	11.8
50°-60°	1151.6	10.3
60°-70°	816.5	7.3
70°-80°	432.0	3.9
80°-90°	109.9	1.0
90°-100°	298.2	2.7
100°-110°	784.0	7.0
110°-120°	812.9	7.3
120°-130°	652.0	5.8
130°-140°	511.6	4.6
140°-150°	392.7	3.5
150°-160°	282.8	2.5
160°-170°	173.0	1.5
170°-180°	58.5	0.5
0°-30°	2066.3	18.5
0°-40°	3382.0	30.2
0°-60°	5857.0	52.4
0°-90°	7215.4	64.5
90°-120°	1895.1	16.9
90°-150°	3451.4	30.9
90°-180°	3966.0	35.5
0°-180°	11181.1	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°	4	16	4	16	4	5
95°	39	180	39	180	39	44
105°	141	1228	141	1228	141	150
115°	251	1581	251	1581	251	248
125°	349	1259	349	1259	349	310
135°	416	977	416	977	416	322
145°	482	792	482	792	482	302
155°	545	682	545	682	545	251
165°	588	636	588	636	588	166
175°	612	616	612	616	612	58
180°	612	612	612	612	612	

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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°	4.1	7.4	10.7	11.5	18.0	26.8	31.2	27.7	20.8	15.6	15.6
92.5°	16.4	44.3	72.3	79.3	111.5	154.3	175.7	154.0	110.6	78.0	74.9
95°	39.4	90.5	141.6	154.4	274.1	433.8	513.6	458.4	347.8	264.8	255.5
97.5°	68.1	113.1	158.3	169.5	369.2	635.4	768.6	733.7	663.7	611.3	593.4
100°	90.3	131.2	172.0	182.3	403.9	699.3	847.0	849.6	854.7	858.5	837.1
102.5°	109.3	147.4	185.5	195.0	419.7	719.4	869.2	913.7	1002.8	1069.5	1051.3
105°	141.2	173.5	205.9	213.9	431.6	721.7	866.7	966.5	1166.2	1315.9	1306.1
107.5°	174.1	204.2	234.3	241.8	433.7	689.5	817.4	956.7	1235.1	1444.0	1446.4
110°	196.2	223.4	250.7	257.5	430.5	661.0	776.4	932.1	1243.3	1476.8	1487.0

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	218.0	243.9	269.8	276.3	430.6	636.2	739.0	898.3	1216.9	1455.9	1471.6
115°	250.9	274.8	298.7	304.7	434.6	607.8	694.3	847.8	1154.7	1384.8	1406.6
117.5°	283.3	305.0	326.7	332.2	442.6	589.8	663.4	802.0	1079.0	1286.7	1310.8
120°	302.2	322.6	343.1	348.2	449.2	583.9	651.2	777.7	1030.8	1220.6	1244.0
122.5°	320.6	341.2	361.8	367.0	458.6	580.7	641.7	755.7	983.6	1154.6	1177.7
125°	349.0	367.7	386.5	391.2	471.3	578.1	631.5	728.3	921.9	1067.1	1088.4
127.5°	372.0	390.9	409.9	414.6	484.1	576.6	622.8	706.0	872.2	996.9	1014.8
130°	384.3	404.7	425.2	430.3	493.3	577.5	619.5	693.5	841.5	952.5	969.1
132.5°	397.0	417.4	437.9	443.0	500.9	578.1	616.7	683.0	815.4	914.7	929.6
135°	415.9	434.6	453.1	457.8	509.1	577.5	611.7	667.2	778.2	861.3	874.2
137.5°	435.3	453.7	472.1	476.7	521.4	581.1	610.9	657.9	751.7	822.0	832.5
140°	451.2	468.2	485.2	489.4	529.0	581.7	608.1	648.6	729.6	790.3	800.1
142.5°	463.5	479.2	494.9	498.8	535.3	583.8	608.1	643.6	714.8	768.2	776.7
145°	482.5	496.1	509.9	513.2	543.5	583.9	604.0	633.1	691.3	734.9	741.3
147.5°	501.3	514.6	528.0	531.3	555.5	587.8	604.0	626.9	672.6	707.0	712.2
150°	513.6	525.7	537.7	540.7	561.8	589.9	604.0	623.3	662.0	691.0	695.3
152.5°	526.4	535.5	544.6	546.9	565.9	591.3	604.0	620.5	653.5	678.3	681.6
155°	545.2	552.0	558.8	560.4	575.0	594.3	604.0	617.1	643.3	663.0	665.2
157.5°	559.2	565.7	572.3	574.0	584.0	597.3	604.0	614.1	634.6	649.9	651.4
160°	568.6	573.8	578.9	580.2	588.1	598.7	604.0	612.7	630.2	643.3	644.2
162.5°	578.1	582.0	585.7	586.7	592.5	600.2	604.0	611.3	626.2	637.2	638.0
165°	588.3	591.8	595.2	596.1	598.7	602.2	604.0	609.3	619.8	627.8	628.7
167.5°	597.8	599.4	601.1	601.5	603.7	606.6	608.1	611.5	618.5	623.7	624.1
170°	604.0	605.6	607.3	607.7	607.8	608.0	608.1	611.5	618.5	623.7	623.7
172.5°	607.3	607.7	608.0	608.1	608.1	608.1	608.1	610.8	616.3	620.4	620.1
175°	611.7	611.7	611.7	611.7	610.5	608.9	608.1	609.8	613.2	615.8	615.8
177.5°	611.7	611.7	611.7	611.7	610.7	609.5	608.9	610.2	612.9	615.0	614.6
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

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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°	15.6	15.6	15.6	15.6	15.6	20.8	27.7	31.2	26.8	18.0	11.5
92.5°	62.4	50.1	62.4	74.9	78.0	110.6	154.0	175.7	154.3	111.5	79.3
95°	217.8	180.3	217.8	255.5	264.8	347.8	458.4	513.6	433.8	274.1	154.4
97.5°	521.9	450.4	521.9	593.4	611.3	663.7	733.7	768.6	635.4	369.2	169.5
100°	752.0	666.7	752.0	837.1	858.5	854.7	849.6	847.0	699.3	403.9	182.3
102.5°	978.3	905.3	978.3	1051.3	1069.5	1002.8	913.7	869.2	719.4	419.7	195.0
105°	1266.8	1227.6	1266.8	1306.1	1315.9	1166.2	966.5	866.7	721.7	431.6	213.9
107.5°	1455.9	1465.3	1455.9	1446.4	1444.0	1235.1	956.7	817.4	689.5	433.7	241.8
110°	1527.9	1568.8	1527.9	1487.0	1476.8	1243.3	932.1	776.4	661.0	430.5	257.5

TEST NUMBER: P934492

CATALOG NUMBER: SQ4-FA-050U-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°	1534.3	1597.1	1534.3	1471.6	1455.9	1216.9	898.3	739.0	636.2	430.6	276.3
115°	1493.6	1580.7	1493.6	1406.6	1384.8	1154.7	847.8	694.3	607.8	434.6	304.7
117.5°	1407.4	1504.0	1407.4	1310.8	1286.7	1079.0	802.0	663.4	589.8	442.6	332.2
120°	1337.8	1431.7	1337.8	1244.0	1220.6	1030.8	777.7	651.2	583.9	449.2	348.2
122.5°	1270.2	1362.7	1270.2	1177.7	1154.6	983.6	755.7	641.7	580.7	458.6	367.0
125°	1173.6	1258.8	1173.6	1088.4	1067.1	921.9	728.3	631.5	578.1	471.3	391.2
127.5°	1086.7	1158.6	1086.7	1014.8	996.9	872.2	706.0	622.8	576.6	484.1	414.6
130°	1035.5	1102.0	1035.5	969.1	952.5	841.5	693.5	619.5	577.5	493.3	430.3
132.5°	989.1	1048.6	989.1	929.6	914.7	815.4	683.0	616.7	578.1	500.9	443.0
135°	925.5	976.8	925.5	874.2	861.3	778.2	667.2	611.7	577.5	509.1	457.8
137.5°	874.5	916.4	874.5	832.5	822.0	751.7	657.9	610.9	581.1	521.4	476.7
140°	839.3	878.6	839.3	800.1	790.3	729.6	648.6	608.1	581.7	529.0	489.4
142.5°	810.3	844.1	810.3	776.7	768.2	714.8	643.6	608.1	583.8	535.3	498.8
145°	766.9	792.4	766.9	741.3	734.9	691.3	633.1	604.0	583.9	543.5	513.2
147.5°	733.5	754.7	733.5	712.2	707.0	672.6	626.9	604.0	587.8	555.5	531.3
150°	712.4	729.6	712.4	695.3	691.0	662.0	623.3	604.0	589.9	561.8	540.7
152.5°	694.5	707.5	694.5	681.6	678.3	653.5	620.5	604.0	591.3	565.9	546.9
155°	673.8	682.4	673.8	665.2	663.0	643.3	617.1	604.0	594.3	575.0	560.4
157.5°	657.5	663.4	657.5	651.4	649.9	634.6	614.1	604.0	597.3	584.0	574.0
160°	647.7	651.2	647.7	644.2	643.3	630.2	612.7	604.0	598.7	588.1	580.2
162.5°	641.3	644.6	641.3	638.0	637.2	626.2	611.3	604.0	600.2	592.5	586.7
165°	632.1	635.5	632.1	628.7	627.8	619.8	609.3	604.0	602.2	598.7	596.1
167.5°	625.5	627.0	625.5	624.1	623.7	618.5	611.5	608.1	606.6	603.7	601.5
170°	623.7	623.7	623.7	623.7	623.7	618.5	611.5	608.1	608.0	607.8	607.7
172.5°	618.8	617.5	618.8	620.1	620.4	616.3	610.8	608.1	608.1	608.1	608.1
175°	615.8	615.8	615.8	615.8	615.8	613.2	609.8	608.1	608.9	610.5	611.7
177.5°	613.2	611.7	613.2	614.6	615.0	612.9	610.2	608.9	609.5	610.7	611.7
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P934492

CATALOG NUMBER: SQ4-FA-050U-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°	10.7	7.4	4.1	7.4	10.7	11.5	18.0	26.8	31.2	27.7	20.8
92.5°	72.3	44.3	16.4	44.3	72.3	79.3	111.5	154.3	175.7	154.0	110.6
95°	141.6	90.5	39.4	90.5	141.6	154.4	274.1	433.8	513.6	458.4	347.8
97.5°	158.3	113.1	68.1	113.1	158.3	169.5	369.2	635.4	768.6	733.7	663.7
100°	172.0	131.2	90.3	131.2	172.0	182.3	403.9	699.3	847.0	849.6	854.7
102.5°	185.5	147.4	109.3	147.4	185.5	195.0	419.7	719.4	869.2	913.7	1002.8
105°	205.9	173.5	141.2	173.5	205.9	213.9	431.6	721.7	866.7	966.5	1166.2
107.5°	234.3	204.2	174.1	204.2	234.3	241.8	433.7	689.5	817.4	956.7	1235.1
110°	250.7	223.4	196.2	223.4	250.7	257.5	430.5	661.0	776.4	932.1	1243.3

TEST NUMBER: P934492

CATALOG NUMBER: SQ4-FA-050U-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°	269.8	243.9	218.0	243.9	269.8	276.3	430.6	636.2	739.0	898.3	1216.9
115°	298.7	274.8	250.9	274.8	298.7	304.7	434.6	607.8	694.3	847.8	1154.7
117.5°	326.7	305.0	283.3	305.0	326.7	332.2	442.6	589.8	663.4	802.0	1079.0
120°	343.1	322.6	302.2	322.6	343.1	348.2	449.2	583.9	651.2	777.7	1030.8
122.5°	361.8	341.2	320.6	341.2	361.8	367.0	458.6	580.7	641.7	755.7	983.6
125°	386.5	367.7	349.0	367.7	386.5	391.2	471.3	578.1	631.5	728.3	921.9
127.5°	409.9	390.9	372.0	390.9	409.9	414.6	484.1	576.6	622.8	706.0	872.2
130°	425.2	404.7	384.3	404.7	425.2	430.3	493.3	577.5	619.5	693.5	841.5
132.5°	437.9	417.4	397.0	417.4	437.9	443.0	500.9	578.1	616.7	683.0	815.4
135°	453.1	434.6	415.9	434.6	453.1	457.8	509.1	577.5	611.7	667.2	778.2
137.5°	472.1	453.7	435.3	453.7	472.1	476.7	521.4	581.1	610.9	657.9	751.7
140°	485.2	468.2	451.2	468.2	485.2	489.4	529.0	581.7	608.1	648.6	729.6
142.5°	494.9	479.2	463.5	479.2	494.9	498.8	535.3	583.8	608.1	643.6	714.8
145°	509.9	496.1	482.5	496.1	509.9	513.2	543.5	583.9	604.0	633.1	691.3
147.5°	528.0	514.6	501.3	514.6	528.0	531.3	555.5	587.8	604.0	626.9	672.6
150°	537.7	525.7	513.6	525.7	537.7	540.7	561.8	589.9	604.0	623.3	662.0
152.5°	544.6	535.5	526.4	535.5	544.6	546.9	565.9	591.3	604.0	620.5	653.5
155°	558.8	552.0	545.2	552.0	558.8	560.4	575.0	594.3	604.0	617.1	643.3
157.5°	572.3	565.7	559.2	565.7	572.3	574.0	584.0	597.3	604.0	614.1	634.6
160°	578.9	573.8	568.6	573.8	578.9	580.2	588.1	598.7	604.0	612.7	630.2
162.5°	585.7	582.0	578.1	582.0	585.7	586.7	592.5	600.2	604.0	611.3	626.2
165°	595.2	591.8	588.3	591.8	595.2	596.1	598.7	602.2	604.0	609.3	619.8
167.5°	601.1	599.4	597.8	599.4	601.1	601.5	603.7	606.6	608.1	611.5	618.5
170°	607.3	605.6	604.0	605.6	607.3	607.7	607.8	608.0	608.1	611.5	618.5
172.5°	608.0	607.7	607.3	607.7	608.0	608.1	608.1	608.1	608.1	610.8	616.3
175°	611.7	611.7	611.7	611.7	611.7	611.7	610.5	608.9	608.1	609.8	613.2
177.5°	611.7	611.7	611.7	611.7	611.7	611.7	610.7	609.5	608.9	610.2	612.9
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P934492

CATALOG NUMBER: SQ4-FA-050U-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°	15.6	15.6	15.6	15.6	15.6	15.6	15.6	20.8	27.7	31.2	26.8
92.5°	78.0	74.9	62.4	50.1	62.4	74.9	78.0	110.6	154.0	175.7	154.3
95°	264.8	255.5	217.8	180.3	217.8	255.5	264.8	347.8	458.4	513.6	433.8
97.5°	611.3	593.4	521.9	450.4	521.9	593.4	611.3	663.7	733.7	768.6	635.4
100°	858.5	837.1	752.0	666.7	752.0	837.1	858.5	854.7	849.6	847.0	699.3
102.5°	1069.5	1051.3	978.3	905.3	978.3	1051.3	1069.5	1002.8	913.7	869.2	719.4
105°	1315.9	1306.1	1266.8	1227.6	1266.8	1306.1	1315.9	1166.2	966.5	866.7	721.7
107.5°	1444.0	1446.4	1455.9	1465.3	1455.9	1446.4	1444.0	1235.1	956.7	817.4	689.5
110°	1476.8	1487.0	1527.9	1568.8	1527.9	1487.0	1476.8	1243.3	932.1	776.4	661.0

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1455.9	1471.6	1534.3	1597.1	1534.3	1471.6	1455.9	1216.9	898.3	739.0	636.2
115°	1384.8	1406.6	1493.6	1580.7	1493.6	1406.6	1384.8	1154.7	847.8	694.3	607.8
117.5°	1286.7	1310.8	1407.4	1504.0	1407.4	1310.8	1286.7	1079.0	802.0	663.4	589.8
120°	1220.6	1244.0	1337.8	1431.7	1337.8	1244.0	1220.6	1030.8	777.7	651.2	583.9
122.5°	1154.6	1177.7	1270.2	1362.7	1270.2	1177.7	1154.6	983.6	755.7	641.7	580.7
125°	1067.1	1088.4	1173.6	1258.8	1173.6	1088.4	1067.1	921.9	728.3	631.5	578.1
127.5°	996.9	1014.8	1086.7	1158.6	1086.7	1014.8	996.9	872.2	706.0	622.8	576.6
130°	952.5	969.1	1035.5	1102.0	1035.5	969.1	952.5	841.5	693.5	619.5	577.5
132.5°	914.7	929.6	989.1	1048.6	989.1	929.6	914.7	815.4	683.0	616.7	578.1
135°	861.3	874.2	925.5	976.8	925.5	874.2	861.3	778.2	667.2	611.7	577.5
137.5°	822.0	832.5	874.5	916.4	874.5	832.5	822.0	751.7	657.9	610.9	581.1
140°	790.3	800.1	839.3	878.6	839.3	800.1	790.3	729.6	648.6	608.1	581.7
142.5°	768.2	776.7	810.3	844.1	810.3	776.7	768.2	714.8	643.6	608.1	583.8
145°	734.9	741.3	766.9	792.4	766.9	741.3	734.9	691.3	633.1	604.0	583.9
147.5°	707.0	712.2	733.5	754.7	733.5	712.2	707.0	672.6	626.9	604.0	587.8
150°	691.0	695.3	712.4	729.6	712.4	695.3	691.0	662.0	623.3	604.0	589.9
152.5°	678.3	681.6	694.5	707.5	694.5	681.6	678.3	653.5	620.5	604.0	591.3
155°	663.0	665.2	673.8	682.4	673.8	665.2	663.0	643.3	617.1	604.0	594.3
157.5°	649.9	651.4	657.5	663.4	657.5	651.4	649.9	634.6	614.1	604.0	597.3
160°	643.3	644.2	647.7	651.2	647.7	644.2	643.3	630.2	612.7	604.0	598.7
162.5°	637.2	638.0	641.3	644.6	641.3	638.0	637.2	626.2	611.3	604.0	600.2
165°	627.8	628.7	632.1	635.5	632.1	628.7	627.8	619.8	609.3	604.0	602.2
167.5°	623.7	624.1	625.5	627.0	625.5	624.1	623.7	618.5	611.5	608.1	606.6
170°	623.7	623.7	623.7	623.7	623.7	623.7	623.7	618.5	611.5	608.1	608.0
172.5°	620.4	620.1	618.8	617.5	618.8	620.1	620.4	616.3	610.8	608.1	608.1
175°	615.8	615.8	615.8	615.8	615.8	615.8	615.8	613.2	609.8	608.1	608.9
177.5°	615.0	614.6	613.2	611.7	613.2	614.6	615.0	612.9	610.2	608.9	609.5
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

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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°	18.0	11.5	10.7	7.4	4.1
92.5°	111.5	79.3	72.3	44.3	16.4
95°	274.1	154.4	141.6	90.5	39.4
97.5°	369.2	169.5	158.3	113.1	68.1
100°	403.9	182.3	172.0	131.2	90.3
102.5°	419.7	195.0	185.5	147.4	109.3
105°	431.6	213.9	205.9	173.5	141.2
107.5°	433.7	241.8	234.3	204.2	174.1
110°	430.5	257.5	250.7	223.4	196.2



TEST NUMBER: P934492

CATALOG NUMBER: SQ4-FA-050U-100D-B2750-1D-UNV-W2A-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	430.6	276.3	269.8	243.9	218.0
115°	434.6	304.7	298.7	274.8	250.9
117.5°	442.6	332.2	326.7	305.0	283.3
120°	449.2	348.2	343.1	322.6	302.2
122.5°	458.6	367.0	361.8	341.2	320.6
125°	471.3	391.2	386.5	367.7	349.0
127.5°	484.1	414.6	409.9	390.9	372.0
130°	493.3	430.3	425.2	404.7	384.3
132.5°	500.9	443.0	437.9	417.4	397.0
135°	509.1	457.8	453.1	434.6	415.9
137.5°	521.4	476.7	472.1	453.7	435.3
140°	529.0	489.4	485.2	468.2	451.2
142.5°	535.3	498.8	494.9	479.2	463.5
145°	543.5	513.2	509.9	496.1	482.5
147.5°	555.5	531.3	528.0	514.6	501.3
150°	561.8	540.7	537.7	525.7	513.6
152.5°	565.9	546.9	544.6	535.5	526.4
155°	575.0	560.4	558.8	552.0	545.2
157.5°	584.0	574.0	572.3	565.7	559.2
160°	588.1	580.2	578.9	573.8	568.6
162.5°	592.5	586.7	585.7	582.0	578.1
165°	598.7	596.1	595.2	591.8	588.3
167.5°	603.7	601.5	601.1	599.4	597.8
170°	607.8	607.7	607.3	605.6	604.0
172.5°	608.1	608.1	608.0	607.7	607.3
175°	610.5	611.7	611.7	611.7	611.7
177.5°	610.7	611.7	611.7	611.7	611.7
180°	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P934492

CATALOG NUMBER: SQ4-FA-050U-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	14.94	15.95	15.76	16.79	17.84	17.77	18.78	18.60	19.63	20.67
	3H	15.43	16.33	16.26	17.18	18.26	19.13	20.04	19.97	20.89	21.97
	4H	15.62	16.48	16.47	17.34	18.42	19.59	20.44	20.44	21.30	22.39
	6H	15.75	16.54	16.61	17.41	18.51	19.88	20.67	20.74	21.54	22.64
	8H	15.75	16.51	16.63	17.39	18.49	19.96	20.71	20.83	21.60	22.70
	12H	15.73	16.45	16.61	17.33	18.45	20.01	20.72	20.88	21.60	22.73
4H	2H	15.99	16.84	16.84	17.70	18.79	18.20	19.06	19.06	19.92	21.00
	3H	17.03	17.74	17.90	18.64	19.74	19.72	20.44	20.59	21.33	22.43
	4H	17.31	17.96	18.19	18.85	19.98	20.26	20.91	21.14	21.80	22.93
	6H	17.45	18.01	18.34	18.92	20.05	20.63	21.19	21.53	22.11	23.24
	8H	17.45	17.98	18.35	18.89	20.03	20.75	21.27	21.64	22.18	23.32
	12H	17.43	17.90	18.35	18.83	19.98	20.81	21.28	21.73	22.21	23.36
8H	4H	17.78	18.30	18.68	19.21	20.36	20.40	20.92	21.29	21.83	22.97
	6H	18.05	18.48	18.97	19.43	20.57	20.84	21.27	21.76	22.22	23.37
	8H	18.09	18.47	19.03	19.42	20.58	20.99	21.38	21.93	22.32	23.48
	12H	18.08	18.42	19.02	19.35	20.57	21.10	21.44	22.04	22.37	23.59
12H	4H	17.79	18.26	18.71	19.19	20.34	20.37	20.84	21.28	21.77	22.92
	6H	18.11	18.49	19.04	19.44	20.60	20.84	21.22	21.77	22.16	23.33
	8H	18.18	18.52	19.12	19.46	20.67	21.01	21.35	21.95	22.28	23.49