

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: P934592

Luminaire Tested: SQ4-FA-050U-125D-B2750-1D-UNV-W2A-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934592
REPORT IS A COMBINATION OF REPORTS P933704 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-125D-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

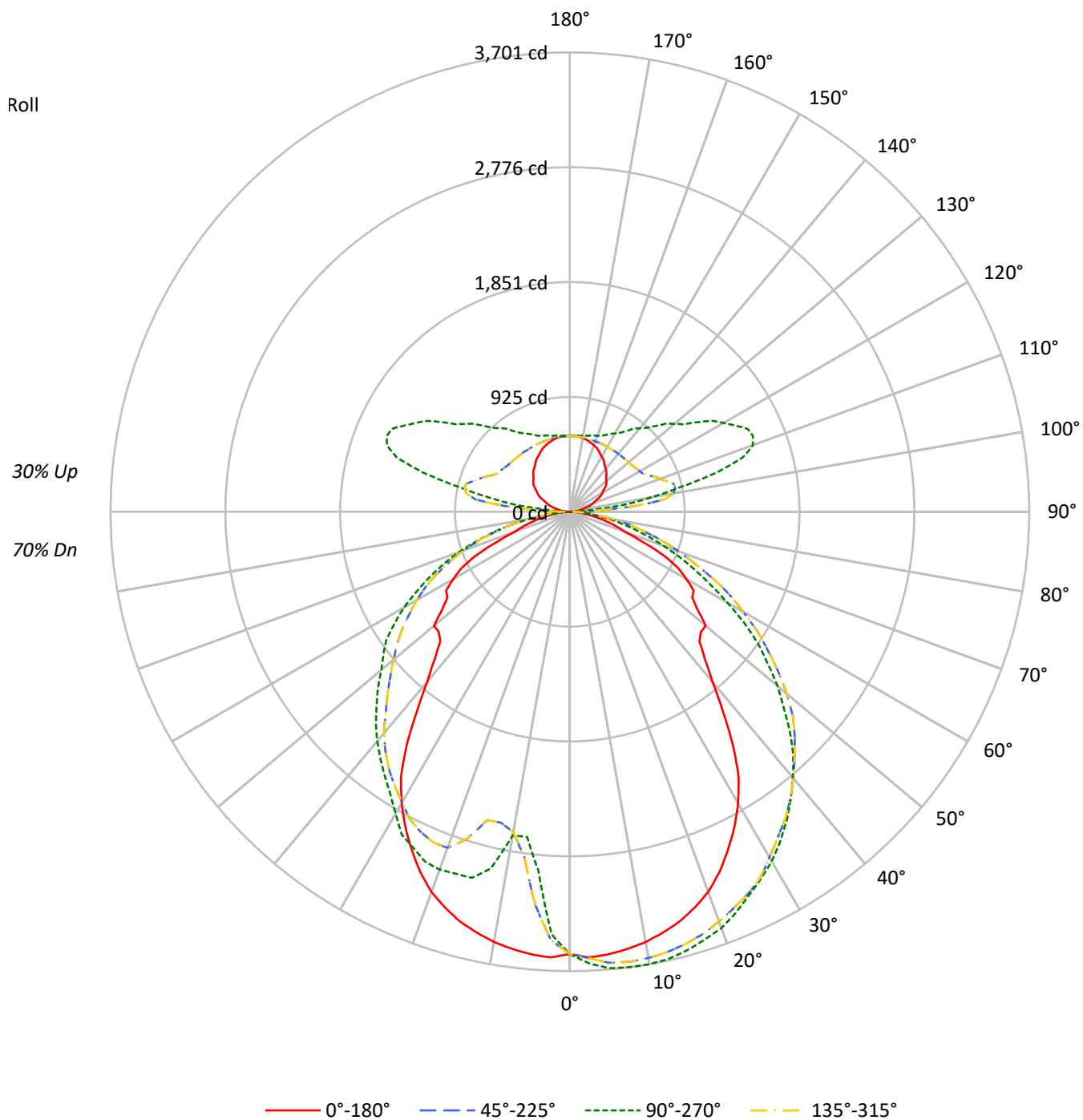
Lumens per Lamp: N/A
Luminaire Lumens: 13206.0 lumens
Efficiency: N/A
Efficacy: 117.9 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 112
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: P934592

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-W2A-W-8-2700K

Luminous Intensity Polar Plot



TEST NUMBER: P934592

CATALOG NUMBER: SQ4-FA-050U-125D-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	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74
1	102	98	94	90	97	93	89	86	83	80	78	74	72	70	66	65	63
2	93	86	79	74	88	81	76	71	73	68	65	65	62	59	58	56	53
3	85	75	68	62	80	71	65	59	64	59	54	58	53	50	52	48	45
4	78	67	58	52	73	63	56	50	57	51	46	51	47	43	46	42	39
5	72	60	51	45	67	57	49	43	51	45	40	46	41	37	41	37	34
6	66	53	45	39	62	51	43	38	46	40	35	42	36	32	38	33	30
7	61	48	40	34	58	46	39	33	42	36	31	38	33	29	34	30	27
8	57	44	36	30	54	42	35	29	38	32	28	35	29	26	31	27	24
9	53	40	32	27	50	38	31	26	35	29	25	32	27	23	29	25	21
10	49	37	30	25	47	35	28	24	32	26	22	30	25	21	27	23	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16530	16530	16530	16530
5°	16654	16687	16654	13121
10°	16543	16437	16543	11752
15°	16363	16081	16363	13428
20°	16020	15659	16020	13456
25°	15320	15044	15320	13171
30°	14415	14533	14415	12545
35°	12851	13887	12851	11857
40°	10708	13126	10708	11337
45°	9568	12236	9568	10739
50°	10164	11174	10164	10139
55°	9563	10030	9563	9792
60°	9857	8518	9857	8969
65°	8937	7041	8937	7871
70°	6189	5612	6189	6598
75°	5426	4148	5426	4967
80°	4374	2743	4374	2987
85°	2511	1453	2511	1235

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 14664 cd/sqm

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CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-W2A-W-8-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	321.6	2.4
10°-20°	913.1	6.9
20°-30°	1411.6	10.7
30°-40°	1685.1	12.8
40°-50°	1695.0	12.8
50°-60°	1474.8	11.2
60°-70°	1045.7	7.9
70°-80°	553.2	4.2
80°-90°	140.1	1.1
90°-100°	298.2	2.3
100°-110°	784.0	5.9
110°-120°	812.9	6.2
120°-130°	652.0	4.9
130°-140°	511.6	3.9
140°-150°	392.7	3.0
150°-160°	282.8	2.1
160°-170°	173.0	1.3
170°-180°	58.5	0.4
0°-30°	2646.3	20.0
0°-40°	4331.4	32.8
0°-60°	7501.2	56.8
0°-90°	9240.2	70.0
90°-120°	1895.1	14.4
90°-150°	3451.4	26.1
90°-180°	3966.0	30.0
0°-180°	13206.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3563	3563	3563	3563	3563	
5°	3580	3691	3580	2902	3580	340
15°	3418	3657	3418	3054	3418	962
25°	3010	3411	3010	2986	3010	1382
35°	2289	3044	2289	2599	2289	1416
45°	1476	2508	1476	2201	1476	1183
55°	1203	1851	1203	1807	1203	1106
65°	836	1116	836	1247	836	799
75°	317	529	317	634	317	333
85°	54	135	54	115	54	73
90°	4	16	4	16	4	6
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	

TEST NUMBER: P934592

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-W2A-W-8-2700K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3593.2	3593.2	3613.4	3620.2	3620.2	3610.1	3599.9	3610.1	3640.4	3650.5	3647.2
5°	3579.7	3606.7	3643.8	3650.5	3657.2	3653.9	3647.2	3653.9	3687.6	3694.4	3697.7
7.5°	3552.7	3603.3	3650.5	3660.6	3670.8	3660.6	3657.2	3664.0	3697.7	3704.4	3704.4
10°	3519.1	3589.9	3643.8	3650.5	3660.6	3650.5	3650.5	3664.0	3697.7	3704.4	3707.8
12.5°	3471.9	3569.6	3620.2	3626.9	3640.4	3637.0	3633.7	3647.2	3680.8	3687.6	3687.6
15°	3418.0	3532.5	3579.7	3586.5	3610.1	3603.3	3603.3	3616.8	3653.9	3664.0	3660.6
17.5°	3343.8	3485.3	3539.3	3549.3	3566.3	3562.9	3566.3	3579.7	3613.4	3620.2	3623.5
20°	3259.5	3421.3	3485.3	3495.5	3512.3	3512.3	3512.3	3529.1	3562.9	3576.3	3576.3
22.5°	3144.9	3353.9	3421.3	3428.0	3448.3	3448.3	3455.0	3478.6	3508.9	3512.3	3512.3
25°	3010.1	3279.7	3337.0	3357.2	3377.4	3387.6	3397.8	3411.2	3421.3	3418.0	3421.3
27.5°	2868.5	3185.3	3259.5	3273.0	3299.9	3310.1	3323.6	3326.9	3330.3	3340.4	3333.6
30°	2710.1	3053.9	3165.1	3178.6	3222.5	3229.1	3215.7	3222.5	3239.3	3246.1	3252.7
32.5°	2531.4	2858.4	3067.4	3097.8	3138.2	3118.0	3114.6	3124.7	3151.6	3151.6	3158.4
35°	2288.7	2706.7	2976.3	3003.3	3033.6	3010.1	3023.6	3026.9	3043.8	3053.9	3050.5
37.5°	2022.5	2575.3	2882.0	2902.2	2925.8	2895.5	2915.7	2925.8	2939.3	2932.5	2932.5
40°	1786.5	2369.6	2770.8	2784.2	2804.4	2780.8	2801.1	2807.8	2814.6	2807.8	2804.4
42.5°	1611.2	2143.8	2652.7	2669.6	2656.1	2673.0	2679.7	2693.2	2683.1	2669.6	2669.6
45°	1476.4	2083.1	2524.7	2544.9	2524.7	2551.7	2561.8	2561.8	2531.4	2524.7	2521.3
47.5°	1432.5	1961.7	2396.6	2396.6	2386.5	2420.2	2437.0	2413.4	2383.1	2373.0	2373.0
50°	1429.2	1827.0	2221.3	2207.8	2255.0	2295.5	2278.6	2255.0	2231.4	2194.4	2194.4
52.5°	1297.7	1661.7	1995.5	2046.1	2120.2	2143.8	2116.8	2093.2	2052.8	2035.9	2022.5
55°	1203.4	1489.9	1789.9	1891.0	1968.5	1998.9	1948.3	1924.7	1864.0	1854.0	1847.2
57.5°	1183.1	1240.4	1601.1	1729.2	1823.6	1820.2	1789.9	1746.1	1695.5	1685.3	1682.0
60°	1085.3	896.6	1398.9	1550.6	1648.3	1638.2	1611.2	1570.8	1523.6	1516.8	1510.1
62.5°	984.2	650.6	1169.6	1341.5	1479.8	1476.4	1452.8	1392.1	1358.4	1341.5	1328.1
65°	835.9	546.1	832.6	1115.7	1314.6	1321.3	1270.8	1227.0	1189.8	1169.6	1166.3
67.5°	637.0	444.9	562.9	930.4	1156.2	1149.4	1085.3	1065.1	1018.0	1007.9	987.6
70°	471.9	296.6	391.0	755.1	1001.1	984.2	933.7	910.1	866.3	842.7	829.2
72.5°	391.0	239.3	286.5	586.5	842.7	822.5	778.7	751.7	714.6	694.4	680.9
75°	316.8	252.8	219.1	434.9	684.3	670.8	630.4	603.4	573.0	546.1	549.4
77.5°	232.6	236.0	175.3	320.2	542.7	522.5	498.9	465.1	451.7	424.7	424.7
80°	175.3	185.4	131.5	219.1	391.0	391.0	370.8	347.2	323.6	310.2	310.2
82.5°	117.9	117.9	97.7	138.2	266.3	256.2	242.7	236.0	222.5	215.7	215.7
85°	53.9	67.4	60.7	84.3	144.9	151.7	151.7	144.9	141.5	134.9	138.2
87.5°	16.8	30.4	37.1	47.2	74.2	77.5	80.9	80.9	80.9	84.3	84.3
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

TEST NUMBER: P934592

CATALOG NUMBER: SQ4-FA-050U-125D-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°	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°	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3653.9	3643.8	3653.9	3647.2	3650.5	3640.4	3610.1	3599.9	3610.1	3620.2	3620.2
5°	3697.7	3691.0	3697.7	3697.7	3694.4	3687.6	3653.9	3647.2	3653.9	3657.2	3650.5
7.5°	3711.2	3701.0	3711.2	3704.4	3704.4	3697.7	3664.0	3657.2	3660.6	3670.8	3660.6
10°	3711.2	3701.0	3711.2	3707.8	3704.4	3697.7	3664.0	3650.5	3650.5	3660.6	3650.5
12.5°	3694.4	3687.6	3694.4	3687.6	3687.6	3680.8	3647.2	3633.7	3637.0	3640.4	3626.9
15°	3667.4	3657.2	3667.4	3660.6	3664.0	3653.9	3616.8	3603.3	3603.3	3610.1	3586.5
17.5°	3626.9	3613.4	3626.9	3623.5	3620.2	3613.4	3579.7	3566.3	3562.9	3566.3	3549.3
20°	3579.7	3569.6	3579.7	3576.3	3576.3	3562.9	3529.1	3512.3	3512.3	3512.3	3495.5
22.5°	3505.5	3495.5	3505.5	3512.3	3512.3	3508.9	3478.6	3455.0	3448.3	3448.3	3428.0
25°	3421.3	3411.2	3421.3	3421.3	3418.0	3421.3	3411.2	3397.8	3387.6	3377.4	3357.2
27.5°	3340.4	3333.6	3340.4	3333.6	3340.4	3330.3	3326.9	3323.6	3310.1	3299.9	3273.0
30°	3259.5	3252.7	3259.5	3252.7	3246.1	3239.3	3222.5	3215.7	3229.1	3222.5	3178.6
32.5°	3158.4	3151.6	3158.4	3158.4	3151.6	3151.6	3124.7	3114.6	3118.0	3138.2	3097.8
35°	3053.9	3043.8	3053.9	3050.5	3053.9	3043.8	3026.9	3023.6	3010.1	3033.6	3003.3
37.5°	2932.5	2922.5	2932.5	2932.5	2932.5	2939.3	2925.8	2915.7	2895.5	2925.8	2902.2
40°	2807.8	2794.4	2807.8	2804.4	2807.8	2814.6	2807.8	2801.1	2780.8	2804.4	2784.2
42.5°	2666.3	2662.9	2666.3	2669.6	2669.6	2683.1	2693.2	2679.7	2673.0	2656.1	2669.6
45°	2514.6	2507.8	2514.6	2521.3	2524.7	2531.4	2561.8	2561.8	2551.7	2524.7	2544.9
47.5°	2352.8	2335.9	2352.8	2373.0	2373.0	2383.1	2413.4	2437.0	2420.2	2386.5	2396.6
50°	2180.8	2184.2	2180.8	2194.4	2194.4	2231.4	2255.0	2278.6	2295.5	2255.0	2207.8
52.5°	2012.3	2008.9	2012.3	2022.5	2035.9	2052.8	2093.2	2116.8	2143.8	2120.2	2046.1
55°	1843.8	1850.6	1843.8	1847.2	1854.0	1864.0	1924.7	1948.3	1998.9	1968.5	1891.0
57.5°	1675.3	1665.1	1675.3	1682.0	1685.3	1695.5	1746.1	1789.9	1820.2	1823.6	1729.2
60°	1479.8	1466.3	1479.8	1510.1	1516.8	1523.6	1570.8	1611.2	1638.2	1648.3	1550.6
62.5°	1307.8	1284.2	1307.8	1328.1	1341.5	1358.4	1392.1	1452.8	1476.4	1479.8	1341.5
65°	1125.8	1115.7	1125.8	1166.3	1169.6	1189.8	1227.0	1270.8	1321.3	1314.6	1115.7
67.5°	960.6	960.6	960.6	987.6	1007.9	1018.0	1065.1	1085.3	1149.4	1156.2	930.4
70°	809.0	805.6	809.0	829.2	842.7	866.3	910.1	933.7	984.2	1001.1	755.1
72.5°	664.0	660.6	664.0	680.9	694.4	714.6	751.7	778.7	822.5	842.7	586.5
75°	535.9	529.2	535.9	549.4	546.1	573.0	603.4	630.4	670.8	684.3	434.9
77.5°	411.2	411.2	411.2	424.7	424.7	451.7	465.1	498.9	522.5	542.7	320.2
80°	306.8	303.4	306.8	310.2	310.2	323.6	347.2	370.8	391.0	391.0	219.1
82.5°	215.7	209.0	215.7	215.7	215.7	222.5	236.0	242.7	256.2	266.3	138.2
85°	134.9	134.9	134.9	138.2	134.9	141.5	144.9	151.7	151.7	144.9	84.3
87.5°	87.6	84.3	87.6	84.3	84.3	80.9	80.9	80.9	77.5	74.2	47.2
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: P934592

CATALOG NUMBER: SQ4-FA-050U-125D-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: P934592

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-W2A-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3613.4	3593.2	3593.2	3559.5	3546.1	3535.9	3519.1	3468.5	3455.0	3441.5	3461.8
5°	3643.8	3606.7	3579.7	3519.1	3468.5	3448.3	3384.2	3262.9	3182.0	3121.3	3087.6
7.5°	3650.5	3603.3	3552.7	3458.4	3337.0	3283.1	3087.6	2865.1	2804.4	2750.6	2716.8
10°	3643.8	3589.9	3519.1	3377.4	3091.0	2996.6	2801.1	2656.1	2619.1	2608.9	2619.1
12.5°	3620.2	3569.6	3471.9	3235.9	2834.8	2770.8	2656.1	2571.9	2565.1	2582.0	2673.0
15°	3579.7	3532.5	3418.0	3047.2	2693.2	2646.1	2565.1	2534.8	2571.9	2689.9	2962.9
17.5°	3539.3	3485.3	3343.8	2861.8	2585.3	2551.7	2494.4	2555.0	2764.0	2922.5	3013.4
20°	3485.3	3421.3	3259.5	2726.9	2507.8	2477.5	2450.6	2723.6	2882.0	2939.3	2989.9
22.5°	3421.3	3353.9	3144.9	2632.5	2427.0	2403.3	2420.2	2818.0	2882.0	2922.5	2966.3
25°	3337.0	3279.7	3010.1	2558.4	2362.9	2335.9	2400.0	2807.8	2844.9	2855.0	2942.7
27.5°	3259.5	3185.3	2868.5	2491.0	2285.3	2275.3	2416.8	2764.0	2791.0	2801.1	2895.5
30°	3165.1	3053.9	2710.1	2420.2	2204.4	2201.1	2420.2	2710.1	2703.3	2730.3	2824.7
32.5°	3067.4	2858.4	2531.4	2332.5	2127.0	2123.6	2396.6	2629.1	2622.5	2659.5	2730.3
35°	2976.3	2706.7	2288.7	2231.4	2029.2	2032.5	2339.3	2534.8	2538.2	2571.9	2615.7
37.5°	2882.0	2575.3	2022.5	2120.2	1934.8	1934.8	2261.7	2447.2	2440.4	2450.6	2511.2
40°	2770.8	2369.6	1786.5	1975.3	1847.2	1837.0	2167.4	2352.8	2329.1	2325.9	2410.1
42.5°	2652.7	2143.8	1611.2	1783.1	1746.1	1732.5	2052.8	2238.2	2194.4	2204.4	2312.3
45°	2524.7	2083.1	1476.4	1506.7	1641.5	1631.4	1928.1	2106.7	2076.4	2103.4	2214.6
47.5°	2396.6	1961.7	1432.5	1250.6	1530.4	1527.0	1789.9	1978.7	1961.7	1988.7	2106.7
50°	2221.3	1827.0	1429.2	1071.9	1405.6	1419.1	1624.7	1854.0	1854.0	1877.5	2002.3
52.5°	1995.5	1661.7	1297.7	970.8	1260.6	1301.1	1479.8	1746.1	1752.8	1776.4	1887.6
55°	1789.9	1489.9	1203.4	893.2	1088.7	1176.4	1338.2	1634.8	1648.3	1671.9	1773.0
57.5°	1601.1	1240.4	1183.1	802.3	930.4	1014.6	1213.4	1527.0	1533.6	1554.0	1651.7
60°	1398.9	896.6	1085.3	704.5	792.1	856.2	1098.9	1398.9	1422.5	1435.9	1520.2
62.5°	1169.6	650.6	984.2	637.0	724.7	738.2	1004.5	1277.5	1307.8	1318.0	1368.5
65°	832.6	546.1	835.9	579.8	653.9	657.3	903.4	1152.8	1179.8	1196.6	1233.6
67.5°	562.9	444.9	637.0	525.8	600.0	603.4	805.6	1007.9	1044.9	1058.4	1082.1
70°	391.0	296.6	471.9	468.5	539.3	546.1	701.1	876.4	910.1	920.2	933.7
72.5°	286.5	239.3	391.0	421.3	475.3	482.1	593.2	728.1	761.7	771.9	778.7
75°	219.1	252.8	316.8	367.4	404.5	407.9	485.4	593.2	616.8	623.6	627.0
77.5°	175.3	236.0	232.6	296.6	330.4	323.6	380.9	458.5	478.7	478.7	478.7
80°	131.5	185.4	175.3	212.3	242.7	236.0	273.0	327.0	333.7	340.4	337.0
82.5°	97.7	117.9	117.9	134.9	161.8	155.1	182.1	212.3	212.3	212.3	219.1
85°	60.7	67.4	53.9	70.8	91.0	87.6	101.1	114.6	117.9	117.9	111.3
87.5°	37.1	30.4	16.8	27.0	40.4	40.4	47.2	50.6	47.2	47.2	47.2
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: P934592

CATALOG NUMBER: SQ4-FA-050U-125D-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: P934592

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-W2A-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3438.2	3428.0	3441.5	3404.4	3441.5	3428.0	3438.2	3461.8	3441.5	3455.0	3468.5
5°	3016.8	3000.0	2946.1	2902.2	2946.1	3000.0	3016.8	3087.6	3121.3	3182.0	3262.9
7.5°	2696.6	2683.1	2669.6	2642.7	2669.6	2683.1	2696.6	2716.8	2750.6	2804.4	2865.1
10°	2625.9	2629.1	2649.4	2646.1	2649.4	2629.1	2625.9	2619.1	2608.9	2619.1	2656.1
12.5°	2807.8	2838.2	2949.4	2942.7	2949.4	2838.2	2807.8	2673.0	2582.0	2565.1	2571.9
15°	3016.8	3026.9	3050.5	3053.9	3050.5	3026.9	3016.8	2962.9	2689.9	2571.9	2534.8
17.5°	3037.0	3040.4	3057.2	3057.2	3057.2	3040.4	3037.0	3013.4	2922.5	2764.0	2555.0
20°	3020.2	3026.9	3060.6	3067.4	3060.6	3026.9	3020.2	2989.9	2939.3	2882.0	2723.6
22.5°	3013.4	3026.9	3053.9	3050.5	3053.9	3026.9	3013.4	2966.3	2922.5	2882.0	2818.0
25°	2979.7	2979.7	2983.1	2986.5	2983.1	2979.7	2979.7	2942.7	2855.0	2844.9	2807.8
27.5°	2908.9	2915.7	2935.9	2932.5	2935.9	2915.7	2908.9	2895.5	2801.1	2791.0	2764.0
30°	2844.9	2838.2	2821.3	2807.8	2821.3	2838.2	2844.9	2824.7	2730.3	2703.3	2710.1
32.5°	2737.0	2720.2	2703.3	2693.2	2703.3	2720.2	2737.0	2730.3	2659.5	2622.5	2629.1
35°	2608.9	2612.3	2608.9	2598.9	2608.9	2612.3	2608.9	2615.7	2571.9	2538.2	2534.8
37.5°	2518.0	2524.7	2521.3	2507.8	2521.3	2524.7	2518.0	2511.2	2450.6	2440.4	2447.2
40°	2423.6	2427.0	2423.6	2413.4	2423.6	2427.0	2423.6	2410.1	2325.9	2329.1	2352.8
42.5°	2332.5	2329.1	2319.1	2312.3	2319.1	2329.1	2332.5	2312.3	2204.4	2194.4	2238.2
45°	2228.1	2231.4	2211.2	2201.1	2211.2	2231.4	2228.1	2214.6	2103.4	2076.4	2106.7
47.5°	2123.6	2123.6	2106.7	2096.6	2106.7	2123.6	2123.6	2106.7	1988.7	1961.7	1978.7
50°	2012.3	2008.9	1985.3	1982.0	1985.3	2008.9	2012.3	2002.3	1877.5	1854.0	1854.0
52.5°	1884.2	1884.2	1887.6	1894.4	1887.6	1884.2	1884.2	1887.6	1776.4	1752.8	1746.1
55°	1773.0	1776.4	1800.0	1806.7	1800.0	1776.4	1773.0	1773.0	1671.9	1648.3	1634.8
57.5°	1658.4	1658.4	1675.3	1675.3	1675.3	1658.4	1658.4	1651.7	1554.0	1533.6	1527.0
60°	1527.0	1533.6	1547.2	1543.8	1547.2	1533.6	1527.0	1520.2	1435.9	1422.5	1398.9
62.5°	1388.7	1395.5	1398.9	1392.1	1398.9	1395.5	1388.7	1368.5	1318.0	1307.8	1277.5
65°	1243.8	1250.6	1254.0	1247.2	1254.0	1250.6	1243.8	1233.6	1196.6	1179.8	1152.8
67.5°	1095.5	1092.1	1088.7	1102.3	1088.7	1092.1	1095.5	1082.1	1058.4	1044.9	1007.9
70°	943.8	943.8	940.4	947.2	940.4	943.8	943.8	933.7	920.2	910.1	876.4
72.5°	782.1	778.7	792.1	782.1	792.1	778.7	782.1	778.7	771.9	761.7	728.1
75°	623.6	630.4	623.6	633.7	623.6	630.4	623.6	627.0	623.6	616.8	593.2
77.5°	475.3	482.1	475.3	475.3	475.3	482.1	475.3	478.7	478.7	478.7	458.5
80°	337.0	333.7	333.7	330.4	333.7	333.7	337.0	337.0	340.4	333.7	327.0
82.5°	215.7	212.3	212.3	219.1	212.3	212.3	215.7	219.1	212.3	212.3	212.3
85°	117.9	121.3	114.6	114.6	114.6	121.3	117.9	111.3	117.9	117.9	114.6
87.5°	43.8	40.4	40.4	40.4	40.4	40.4	43.8	47.2	47.2	47.2	50.6
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°	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3519.1	3535.9	3546.1	3559.5	3593.2
5°	3384.2	3448.3	3468.5	3519.1	3579.7
7.5°	3087.6	3283.1	3337.0	3458.4	3552.7
10°	2801.1	2996.6	3091.0	3377.4	3519.1
12.5°	2656.1	2770.8	2834.8	3235.9	3471.9
15°	2565.1	2646.1	2693.2	3047.2	3418.0
17.5°	2494.4	2551.7	2585.3	2861.8	3343.8
20°	2450.6	2477.5	2507.8	2726.9	3259.5
22.5°	2420.2	2403.3	2427.0	2632.5	3144.9
25°	2400.0	2335.9	2362.9	2558.4	3010.1
27.5°	2416.8	2275.3	2285.3	2491.0	2868.5
30°	2420.2	2201.1	2204.4	2420.2	2710.1
32.5°	2396.6	2123.6	2127.0	2332.5	2531.4
35°	2339.3	2032.5	2029.2	2231.4	2288.7
37.5°	2261.7	1934.8	1934.8	2120.2	2022.5
40°	2167.4	1837.0	1847.2	1975.3	1786.5
42.5°	2052.8	1732.5	1746.1	1783.1	1611.2
45°	1928.1	1631.4	1641.5	1506.7	1476.4
47.5°	1789.9	1527.0	1530.4	1250.6	1432.5
50°	1624.7	1419.1	1405.6	1071.9	1429.2
52.5°	1479.8	1301.1	1260.6	970.8	1297.7
55°	1338.2	1176.4	1088.7	893.2	1203.4
57.5°	1213.4	1014.6	930.4	802.3	1183.1
60°	1098.9	856.2	792.1	704.5	1085.3
62.5°	1004.5	738.2	724.7	637.0	984.2
65°	903.4	657.3	653.9	579.8	835.9
67.5°	805.6	603.4	600.0	525.8	637.0
70°	701.1	546.1	539.3	468.5	471.9
72.5°	593.2	482.1	475.3	421.3	391.0
75°	485.4	407.9	404.5	367.4	316.8
77.5°	380.9	323.6	330.4	296.6	232.6
80°	273.0	236.0	242.7	212.3	175.3
82.5°	182.1	155.1	161.8	134.9	117.9
85°	101.1	87.6	91.0	70.8	53.9
87.5°	47.2	40.4	40.4	27.0	16.8
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: P934592

CATALOG NUMBER: SQ4-FA-050U-125D-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

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CATALOG NUMBER: SQ4-FA-050U-125D-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	16.22	17.30	16.99	18.08	19.04	19.06	20.13	19.82	20.92	21.87
	3H	16.71	17.68	17.49	18.47	19.46	20.42	21.39	21.20	22.18	23.17
	4H	16.91	17.82	17.71	18.63	19.63	20.88	21.79	21.67	22.59	23.59
	6H	17.04	17.88	17.85	18.70	19.71	21.18	22.02	21.98	22.83	23.84
	8H	17.05	17.85	17.87	18.68	19.69	21.26	22.06	22.08	22.89	23.90
	12H	17.03	17.79	17.85	18.62	19.66	21.30	22.07	22.13	22.89	23.93
4H	2H	17.28	18.19	18.08	19.00	19.99	19.49	20.40	20.29	21.21	22.20
	3H	18.33	19.09	19.14	19.93	20.94	21.02	21.78	21.83	22.62	23.63
	4H	18.61	19.30	19.44	20.14	21.18	21.56	22.25	22.39	23.09	24.13
	6H	18.75	19.35	19.59	20.21	21.25	21.94	22.54	22.78	23.40	24.44
	8H	18.76	19.32	19.61	20.18	21.23	22.05	22.61	22.90	23.47	24.52
	12H	18.74	19.24	19.60	20.12	21.18	22.12	22.62	22.99	23.50	24.56
8H	4H	19.08	19.64	19.93	20.50	21.56	21.70	22.26	22.55	23.12	24.17
	6H	19.36	19.82	20.23	20.72	21.77	22.15	22.61	23.02	23.51	24.57
	8H	19.40	19.81	20.28	20.70	21.78	22.30	22.71	23.19	23.61	24.68
	12H	19.39	19.75	20.28	20.64	21.77	22.41	22.77	23.30	23.66	24.79
12H	4H	19.10	19.60	19.97	20.48	21.54	21.68	22.18	22.54	23.06	24.12
	6H	19.42	19.83	20.30	20.72	21.80	22.15	22.56	23.03	23.45	24.53
	8H	19.49	19.86	20.38	20.74	21.87	22.32	22.68	23.21	23.57	24.69

END OF REPORT