

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: P933977

Luminaire Tested: SQ4-FA-025U-075D-B2750-1D-UNV-STD-W-12-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P933977
REPORT IS A COMBINATION OF REPORTS P933677 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-075D-B2750-1D-UNV-STD-W-12-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

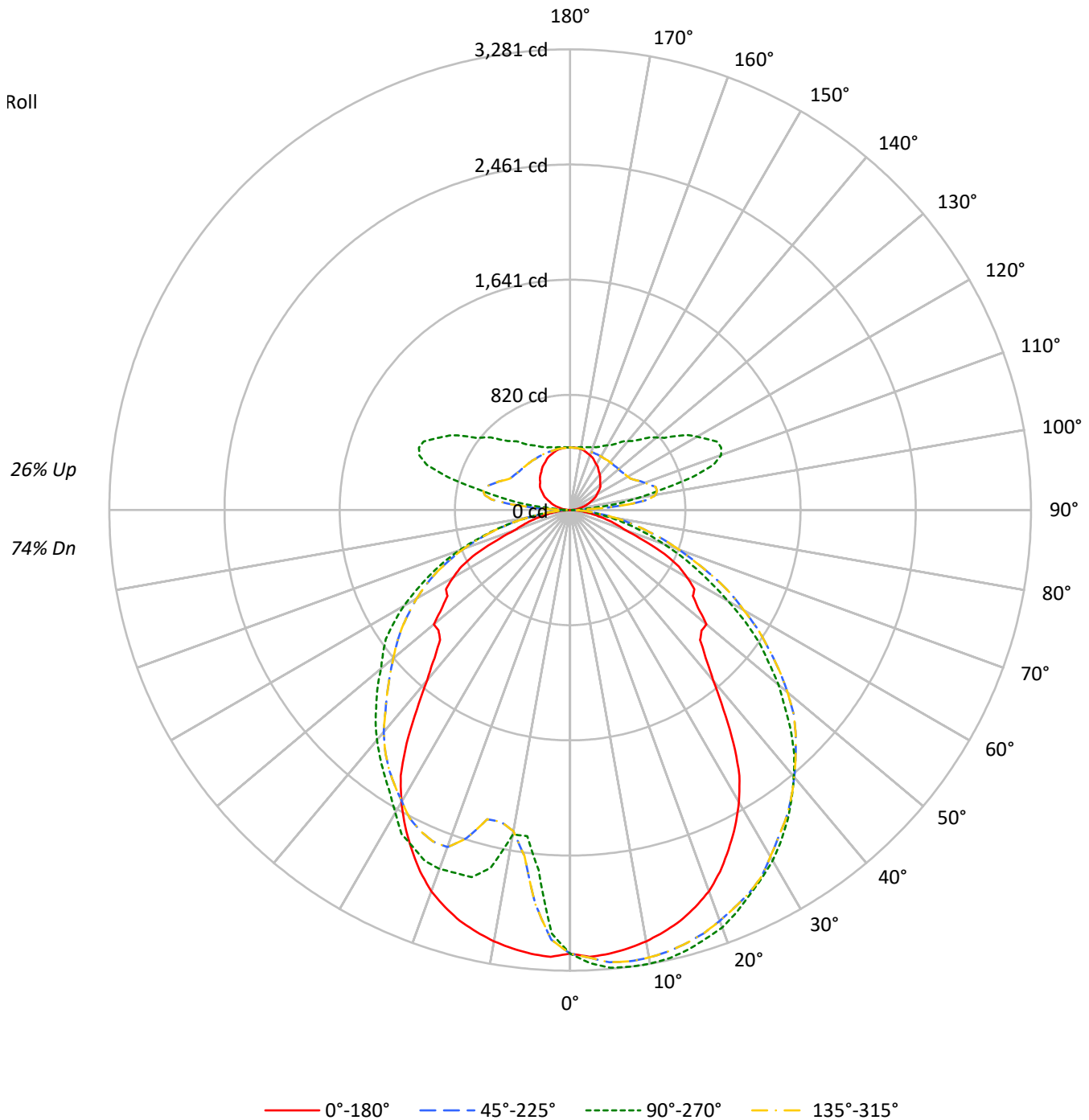
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11081.4 lumens
Efficiency: N/A
Efficacy: 123.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 90
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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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	113	113	113	113	107	107	107	107	97	97	97	87	87	87	78	78	78	78	78	78	74
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	69	68	66	66	66	66	62
2	94	86	80	75	89	82	77	72	75	70	66	68	64	61	61	58	56	56	56	56	52
3	86	76	68	62	81	72	66	60	66	60	56	60	55	52	54	51	48	48	48	48	44
4	79	67	59	53	74	64	57	51	59	52	48	53	48	44	48	44	41	41	41	41	38
5	72	60	52	45	68	57	50	44	52	46	41	48	43	38	43	39	36	36	36	36	33
6	67	54	46	39	63	52	44	38	47	41	36	43	38	34	39	35	31	31	31	31	29
7	62	49	41	35	58	47	39	34	43	36	32	39	34	30	36	31	28	28	28	28	26
8	57	44	36	31	54	43	35	30	39	33	28	36	31	27	33	28	25	25	25	25	23
9	53	41	33	28	51	39	32	27	36	30	25	33	28	24	30	26	23	23	23	23	21
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	20	20	20	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9769	9769	9769	9769
5°	9846	9862	9846	7754
10°	9784	9714	9784	6945
15°	9681	9504	9681	7936
20°	9482	9254	9482	7952
25°	9072	8891	9072	7784
30°	8539	8589	8539	7414
35°	7617	8207	7617	7007
40°	6350	7757	6350	6700
45°	5677	7231	5677	6347
50°	6036	6603	6036	5992
55°	5685	5927	5685	5787
60°	5867	5034	5867	5300
65°	5328	4161	5328	4652
70°	3698	3316	3698	3899
75°	3256	2451	3256	2935
80°	2643	1621	2643	1765
85°	1549	858	1549	730

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8696 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	285.1	2.6
10°-20°	809.5	7.3
20°-30°	1251.3	11.3
30°-40°	1493.8	13.5
40°-50°	1502.5	13.6
50°-60°	1307.4	11.8
60°-70°	926.9	8.4
70°-80°	490.4	4.4
80°-90°	123.8	1.1
90°-100°	217.4	2.0
100°-110°	571.4	5.2
110°-120°	592.5	5.3
120°-130°	475.3	4.3
130°-140°	372.9	3.4
140°-150°	286.2	2.6
150°-160°	206.1	1.9
160°-170°	126.1	1.1
170°-180°	42.6	0.4
0°-30°	2345.9	21.2
0°-40°	3839.7	34.6
0°-60°	6649.5	60.0
0°-90°	8190.7	73.9
90°-120°	1381.3	12.5
90°-150°	2515.8	22.7
90°-180°	2891.0	26.1
0°-180°	11081.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3158	3158	3158	3158	3158	
5°	3173	3272	3173	2573	3173	301
15°	3030	3242	3030	2707	3030	853
25°	2668	3024	2668	2648	2668	1225
35°	2029	2698	2029	2304	2029	1255
45°	1309	2223	1309	1951	1309	1048
55°	1067	1640	1067	1602	1067	980
65°	741	989	741	1106	741	708
75°	281	469	281	562	281	295
85°	48	120	48	102	48	65
90°	3	11	3	11	3	5
95°	29	131	29	131	29	32
105°	103	895	103	895	103	109
115°	183	1152	183	1152	183	181
125°	254	918	254	918	254	226
135°	303	712	303	712	303	235
145°	352	578	352	578	352	220
155°	397	497	397	497	397	183
165°	429	463	429	463	429	121
175°	446	449	446	449	446	42
180°	446	446	446	446	446	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4
2.5°	3185.3	3185.3	3203.2	3209.2	3209.2	3200.2	3191.3	3200.2	3227.1	3236.1	3233.1
5°	3173.4	3197.3	3230.1	3236.1	3242.1	3239.1	3233.1	3239.1	3269.0	3274.9	3277.9
7.5°	3149.5	3194.3	3236.1	3245.1	3254.0	3245.1	3242.1	3248.1	3277.9	3283.9	3283.9
10°	3119.6	3182.3	3230.1	3236.1	3245.1	3236.1	3236.1	3248.1	3277.9	3283.9	3286.9
12.5°	3077.7	3164.4	3209.2	3215.2	3227.1	3224.2	3221.2	3233.1	3263.0	3269.0	3269.0
15°	3029.9	3131.5	3173.4	3179.3	3200.2	3194.3	3194.3	3206.2	3239.1	3248.1	3245.1
17.5°	2964.2	3089.7	3137.5	3146.5	3161.4	3158.4	3161.4	3173.4	3203.2	3209.2	3212.2
20°	2889.5	3032.9	3089.7	3098.7	3113.6	3113.6	3113.6	3128.5	3158.4	3170.4	3170.4
22.5°	2787.9	2973.2	3032.9	3038.9	3056.8	3056.8	3062.8	3083.7	3110.6	3113.6	3113.6
25°	2668.4	2907.4	2958.2	2976.1	2994.1	3003.0	3012.0	3024.0	3032.9	3029.9	3032.9
27.5°	2542.8	2823.8	2889.5	2901.4	2925.4	2934.3	2946.3	2949.3	2952.2	2961.2	2955.2
30°	2402.4	2707.2	2805.8	2817.8	2856.6	2862.6	2850.7	2856.6	2871.6	2877.5	2883.5
32.5°	2244.0	2533.8	2719.2	2746.1	2781.9	2764.0	2761.0	2770.0	2793.9	2793.9	2799.9
35°	2028.9	2399.4	2638.5	2662.4	2689.3	2668.4	2680.3	2683.3	2698.3	2707.2	2704.2
37.5°	1792.8	2282.8	2554.7	2572.7	2593.6	2566.7	2584.6	2593.6	2605.5	2599.6	2599.6
40°	1583.6	2100.6	2456.1	2468.1	2486.0	2465.1	2483.0	2489.0	2495.0	2489.0	2486.0
42.5°	1428.3	1900.4	2351.6	2366.5	2354.5	2369.5	2375.5	2387.4	2378.4	2366.5	2366.5
45°	1308.7	1846.6	2238.0	2255.9	2238.0	2261.9	2270.9	2270.9	2244.0	2238.0	2235.0
47.5°	1269.9	1739.0	2124.5	2124.5	2115.5	2145.4	2160.3	2139.4	2112.5	2103.6	2103.6
50°	1266.9	1619.5	1969.1	1957.1	1999.0	2034.8	2019.9	1999.0	1978.1	1945.2	1945.2
52.5°	1150.4	1473.1	1768.9	1813.7	1879.5	1900.4	1876.5	1855.5	1819.7	1804.8	1792.8
55°	1066.7	1320.7	1586.6	1676.3	1745.0	1771.9	1727.1	1706.1	1652.4	1643.4	1637.4
57.5°	1048.8	1099.6	1419.3	1532.8	1616.5	1613.5	1586.6	1547.8	1503.0	1494.0	1491.0
60°	962.1	794.8	1240.0	1374.5	1461.1	1452.2	1428.3	1392.4	1350.6	1344.6	1338.6
62.5°	872.5	576.7	1036.8	1189.2	1311.7	1308.7	1287.8	1234.0	1204.2	1189.2	1177.3
65°	741.0	484.1	738.0	989.0	1165.3	1171.3	1126.5	1087.6	1054.8	1036.8	1033.8
67.5°	564.7	394.4	499.0	824.7	1024.9	1018.9	962.1	944.2	902.4	893.4	875.5
70°	418.3	262.9	346.6	669.3	887.4	872.5	827.7	806.8	767.9	747.0	735.0
72.5°	346.6	212.1	254.0	519.9	747.0	729.1	690.2	666.3	633.5	615.5	603.6
75°	280.9	224.1	194.2	385.5	606.6	594.6	558.8	534.9	508.0	484.1	487.0
77.5°	206.2	209.2	155.4	283.9	481.1	463.1	442.2	412.3	400.4	376.5	376.5
80°	155.4	164.3	116.5	194.2	346.6	346.6	328.7	307.8	286.8	274.9	274.9
82.5°	104.6	104.6	86.7	122.5	236.1	227.1	215.1	209.2	197.2	191.2	191.2
85°	47.8	59.8	53.8	74.7	128.5	134.5	134.5	128.5	125.5	119.5	122.5
87.5°	14.9	26.9	32.9	41.8	65.7	68.7	71.7	71.7	71.7	74.7	74.7
90°	3.0	5.4	7.8	8.4	13.1	19.5	22.7	20.2	15.1	11.4	11.4
92.5°	12.0	32.3	52.7	57.8	81.2	112.4	128.1	112.2	80.6	56.9	54.6
95°	28.7	65.9	103.2	112.5	199.8	316.2	374.4	334.1	253.5	193.0	186.2
97.5°	49.7	82.6	115.4	123.6	269.1	463.2	560.2	534.8	483.9	445.6	432.6
100°	65.8	95.6	125.4	132.9	294.4	509.8	617.4	619.3	623.0	625.8	610.2
102.5°	79.6	107.4	135.2	142.1	306.0	524.4	633.6	666.0	730.9	779.6	766.2
105°	103.0	126.5	150.0	155.9	314.5	526.0	631.8	704.5	850.0	959.1	952.0
107.5°	126.9	148.8	170.8	176.3	316.1	502.6	595.8	697.3	900.3	1052.6	1054.3
110°	143.0	162.8	182.7	187.6	313.7	481.9	565.9	679.4	906.3	1076.5	1083.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	159.0	177.8	196.7	201.4	313.8	463.7	538.7	654.9	887.0	1061.2	1072.7
115°	182.9	200.3	217.7	222.1	316.7	442.9	506.1	617.9	841.6	1009.4	1025.3
117.5°	206.5	222.3	238.1	242.1	322.6	430.0	483.7	584.7	786.5	937.9	955.6
120°	220.2	235.2	250.1	253.8	327.4	425.5	474.6	566.8	751.4	889.7	906.9
122.5°	233.8	248.8	263.7	267.5	334.3	423.2	467.7	550.8	716.9	841.5	858.4
125°	254.4	268.1	281.9	285.3	343.6	421.4	460.3	530.8	671.9	777.8	793.3
127.5°	271.1	285.0	298.8	302.3	352.9	420.3	454.0	514.5	635.7	726.6	739.7
130°	280.1	295.0	310.0	313.6	359.7	420.9	451.6	505.6	613.4	694.3	706.5
132.5°	289.4	304.3	319.2	322.9	365.1	421.4	449.5	497.8	594.4	666.8	677.7
135°	303.2	316.7	330.3	333.7	371.1	421.0	445.9	486.3	567.2	627.9	637.2
137.5°	317.2	330.7	344.0	347.4	380.1	423.6	445.3	479.5	547.8	599.1	606.8
140°	328.9	341.2	353.7	356.8	385.6	424.0	443.2	472.7	531.8	576.1	583.3
142.5°	337.8	349.3	360.8	363.6	390.1	425.5	443.2	469.1	521.0	560.0	566.1
145°	351.7	361.6	371.6	374.1	396.1	425.5	440.2	461.4	503.9	535.6	540.3
147.5°	365.4	375.1	384.9	387.2	404.9	428.5	440.2	457.0	490.3	515.3	519.2
150°	374.4	383.2	391.9	394.1	409.5	430.0	440.2	454.4	482.6	503.7	506.8
152.5°	383.7	390.3	396.9	398.6	412.4	431.0	440.2	452.3	476.4	494.4	496.8
155°	397.4	402.3	407.3	408.5	419.0	433.2	440.2	449.8	469.0	483.4	485.0
157.5°	407.6	412.3	417.2	418.4	425.7	435.4	440.2	447.7	462.5	473.7	474.8
160°	414.5	418.2	422.0	422.9	428.7	436.3	440.2	446.6	459.4	468.9	469.5
162.5°	421.4	424.2	427.0	427.7	431.9	437.4	440.2	445.6	456.4	464.4	465.0
165°	428.9	431.4	434.0	434.6	436.4	438.9	440.2	444.1	451.8	457.6	458.2
167.5°	435.8	436.9	438.1	438.4	440.0	442.1	443.2	445.7	450.8	454.6	454.9
170°	440.2	441.4	442.6	442.9	443.0	443.1	443.2	445.7	450.8	454.6	454.6
172.5°	442.6	442.9	443.1	443.2	443.2	443.2	443.2	445.2	449.2	452.2	452.0
175°	445.9	445.9	445.9	445.9	445.0	443.8	443.2	444.5	447.0	448.9	448.9
177.5°	445.9	445.9	445.9	445.9	445.2	444.3	443.8	444.8	446.8	448.3	448.0
180°	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4
2.5°	3239.1	3230.1	3239.1	3233.1	3236.1	3227.1	3200.2	3191.3	3200.2	3209.2	3209.2
5°	3277.9	3272.0	3277.9	3277.9	3274.9	3269.0	3239.1	3233.1	3239.1	3242.1	3236.1
7.5°	3289.9	3280.9	3289.9	3283.9	3283.9	3277.9	3248.1	3242.1	3245.1	3254.0	3245.1
10°	3289.9	3280.9	3289.9	3286.9	3283.9	3277.9	3248.1	3236.1	3236.1	3245.1	3236.1
12.5°	3274.9	3269.0	3274.9	3269.0	3269.0	3263.0	3233.1	3221.2	3224.2	3227.1	3215.2
15°	3251.0	3242.1	3251.0	3245.1	3248.1	3239.1	3206.2	3194.3	3194.3	3200.2	3179.3
17.5°	3215.2	3203.2	3215.2	3212.2	3209.2	3203.2	3173.4	3161.4	3158.4	3161.4	3146.5
20°	3173.4	3164.4	3173.4	3170.4	3170.4	3158.4	3128.5	3113.6	3113.6	3113.6	3098.7
22.5°	3107.6	3098.7	3107.6	3113.6	3113.6	3110.6	3083.7	3062.8	3056.8	3056.8	3038.9
25°	3032.9	3024.0	3032.9	3032.9	3029.9	3032.9	3024.0	3012.0	3003.0	2994.1	2976.1
27.5°	2961.2	2955.2	2961.2	2955.2	2961.2	2952.2	2949.3	2946.3	2934.3	2925.4	2901.4
30°	2889.5	2883.5	2889.5	2883.5	2877.5	2871.6	2856.6	2850.7	2862.6	2856.6	2817.8
32.5°	2799.9	2793.9	2799.9	2799.9	2793.9	2793.9	2770.0	2761.0	2764.0	2781.9	2746.1
35°	2707.2	2698.3	2707.2	2704.2	2707.2	2698.3	2683.3	2680.3	2668.4	2689.3	2662.4
37.5°	2599.6	2590.6	2599.6	2599.6	2599.6	2605.5	2593.6	2584.6	2566.7	2593.6	2572.7
40°	2489.0	2477.1	2489.0	2486.0	2489.0	2495.0	2489.0	2483.0	2465.1	2486.0	2468.1
42.5°	2363.5	2360.5	2363.5	2366.5	2366.5	2378.4	2387.4	2375.5	2369.5	2354.5	2366.5
45°	2229.0	2223.1	2229.0	2235.0	2238.0	2244.0	2270.9	2270.9	2261.9	2238.0	2255.9
47.5°	2085.6	2070.7	2085.6	2103.6	2103.6	2112.5	2139.4	2160.3	2145.4	2115.5	2124.5
50°	1933.2	1936.2	1933.2	1945.2	1945.2	1978.1	1999.0	2019.9	2034.8	1999.0	1957.1
52.5°	1783.8	1780.8	1783.8	1792.8	1804.8	1819.7	1855.5	1876.5	1900.4	1879.5	1813.7
55°	1634.4	1640.4	1634.4	1637.4	1643.4	1652.4	1706.1	1727.1	1771.9	1745.0	1676.3
57.5°	1485.0	1476.1	1485.0	1491.0	1494.0	1503.0	1547.8	1586.6	1613.5	1616.5	1532.8
60°	1311.7	1299.8	1311.7	1338.6	1344.6	1350.6	1392.4	1428.3	1452.2	1461.1	1374.5
62.5°	1159.3	1138.4	1159.3	1177.3	1189.2	1204.2	1234.0	1287.8	1308.7	1311.7	1189.2
65°	998.0	989.0	998.0	1033.8	1036.8	1054.8	1087.6	1126.5	1171.3	1165.3	989.0
67.5°	851.6	851.6	851.6	875.5	893.4	902.4	944.2	962.1	1018.9	1024.9	824.7
70°	717.1	714.1	717.1	735.0	747.0	767.9	806.8	827.7	872.5	887.4	669.3
72.5°	588.6	585.6	588.6	603.6	615.5	633.5	666.3	690.2	729.1	747.0	519.9
75°	475.1	469.1	475.1	487.0	484.1	508.0	534.9	558.8	594.6	606.6	385.5
77.5°	364.5	364.5	364.5	376.5	376.5	400.4	412.3	442.2	463.1	481.1	283.9
80°	271.9	268.9	271.9	274.9	274.9	286.8	307.8	328.7	346.6	346.6	194.2
82.5°	191.2	185.3	191.2	191.2	191.2	197.2	209.2	215.1	227.1	236.1	122.5
85°	119.5	119.5	119.5	122.5	119.5	125.5	128.5	134.5	134.5	128.5	74.7
87.5°	77.7	74.7	77.7	74.7	74.7	71.7	71.7	71.7	68.7	65.7	41.8
90°	11.4	11.4	11.4	11.4	11.4	15.1	20.2	22.7	19.5	13.1	8.4
92.5°	45.6	36.6	45.6	54.6	56.9	80.6	112.2	128.1	112.4	81.2	57.8
95°	158.8	131.4	158.8	186.2	193.0	253.5	334.1	374.4	316.2	199.8	112.5
97.5°	380.5	328.3	380.5	432.6	445.6	483.9	534.8	560.2	463.2	269.1	123.6
100°	548.2	486.0	548.2	610.2	625.8	623.0	619.3	617.4	509.8	294.4	132.9
102.5°	713.0	659.8	713.0	766.2	779.6	730.9	666.0	633.6	524.4	306.0	142.1
105°	923.4	894.8	923.4	952.0	959.1	850.0	704.5	631.8	526.0	314.5	155.9
107.5°	1061.2	1068.1	1061.2	1054.3	1052.6	900.3	697.3	595.8	502.6	316.1	176.3
110°	1113.7	1143.5	1113.7	1083.9	1076.5	906.3	679.4	565.9	481.9	313.7	187.6



TEST NUMBER: P933977

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1118.4	1164.1	1118.4	1072.7	1061.2	887.0	654.9	538.7	463.7	313.8	201.4
115°	1088.7	1152.2	1088.7	1025.3	1009.4	841.6	617.9	506.1	442.9	316.7	222.1
117.5°	1025.9	1096.2	1025.9	955.6	937.9	786.5	584.7	483.7	430.0	322.6	242.1
120°	975.2	1043.5	975.2	906.9	889.7	751.4	566.8	474.6	425.5	327.4	253.8
122.5°	925.9	993.3	925.9	858.4	841.5	716.9	550.8	467.7	423.2	334.3	267.5
125°	855.4	917.5	855.4	793.3	777.8	671.9	530.8	460.3	421.4	343.6	285.3
127.5°	792.1	844.5	792.1	739.7	726.6	635.7	514.5	454.0	420.3	352.9	302.3
130°	754.9	803.3	754.9	706.5	694.3	613.4	505.6	451.6	420.9	359.7	313.6
132.5°	721.0	764.3	721.0	677.7	666.8	594.4	497.8	449.5	421.4	365.1	322.9
135°	674.6	711.9	674.6	637.2	627.9	567.2	486.3	445.9	421.0	371.1	333.7
137.5°	637.3	668.0	637.3	606.8	599.1	547.8	479.5	445.3	423.6	380.1	347.4
140°	611.8	640.4	611.8	583.3	576.1	531.8	472.7	443.2	424.0	385.6	356.8
142.5°	590.7	615.3	590.7	566.1	560.0	521.0	469.1	443.2	425.5	390.1	363.6
145°	559.0	577.6	559.0	540.3	535.6	503.9	461.4	440.2	425.5	396.1	374.1
147.5°	534.7	550.1	534.7	519.2	515.3	490.3	457.0	440.2	428.5	404.9	387.2
150°	519.3	531.8	519.3	506.8	503.7	482.6	454.4	440.2	430.0	409.5	394.1
152.5°	506.2	515.6	506.2	496.8	494.4	476.4	452.3	440.2	431.0	412.4	398.6
155°	491.1	497.4	491.1	485.0	483.4	469.0	449.8	440.2	433.2	419.0	408.5
157.5°	479.3	483.7	479.3	474.8	473.7	462.5	447.7	440.2	435.4	425.7	418.4
160°	472.1	474.6	472.1	469.5	468.9	459.4	446.6	440.2	436.3	428.7	422.9
162.5°	467.4	469.8	467.4	465.0	464.4	456.4	445.6	440.2	437.4	431.9	427.7
165°	460.7	463.2	460.7	458.2	457.6	451.8	444.1	440.2	438.9	436.4	434.6
167.5°	455.9	457.0	455.9	454.9	454.6	450.8	445.7	443.2	442.1	440.0	438.4
170°	454.6	454.6	454.6	454.6	454.6	450.8	445.7	443.2	443.1	443.0	442.9
172.5°	451.0	450.1	451.0	452.0	452.2	449.2	445.2	443.2	443.2	443.2	443.2
175°	448.9	448.9	448.9	448.9	448.9	447.0	444.5	443.2	443.8	445.0	445.9
177.5°	447.0	445.9	447.0	448.0	448.3	446.8	444.8	443.8	444.3	445.2	445.9
180°	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9



TEST NUMBER: P933977

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4
2.5°	3203.2	3185.3	3185.3	3155.4	3143.5	3134.5	3119.6	3074.8	3062.8	3050.8	3068.8
5°	3230.1	3197.3	3173.4	3119.6	3074.8	3056.8	3000.1	2892.5	2820.8	2767.0	2737.1
7.5°	3236.1	3194.3	3149.5	3065.8	2958.2	2910.4	2737.1	2539.8	2486.0	2438.2	2408.3
10°	3230.1	3182.3	3119.6	2994.1	2740.1	2656.4	2483.0	2354.5	2321.7	2312.7	2321.7
12.5°	3209.2	3164.4	3077.7	2868.6	2512.9	2456.1	2354.5	2279.8	2273.9	2288.8	2369.5
15°	3173.4	3131.5	3029.9	2701.3	2387.4	2345.6	2273.9	2247.0	2279.8	2384.4	2626.5
17.5°	3137.5	3089.7	2964.2	2536.8	2291.8	2261.9	2211.1	2264.9	2450.2	2590.6	2671.4
20°	3089.7	3032.9	2889.5	2417.3	2223.1	2196.2	2172.3	2414.3	2554.7	2605.5	2650.5
22.5°	3032.9	2973.2	2787.9	2333.6	2151.4	2130.4	2145.4	2498.0	2554.7	2590.6	2629.4
25°	2958.2	2907.4	2668.4	2267.9	2094.6	2070.7	2127.5	2489.0	2521.9	2530.8	2608.5
27.5°	2889.5	2823.8	2542.8	2208.1	2025.9	2016.9	2142.4	2450.2	2474.1	2483.0	2566.7
30°	2805.8	2707.2	2402.4	2145.4	1954.2	1951.2	2145.4	2402.4	2396.4	2420.3	2503.9
32.5°	2719.2	2533.8	2244.0	2067.7	1885.4	1882.4	2124.5	2330.6	2324.7	2357.5	2420.3
35°	2638.5	2399.4	2028.9	1978.1	1798.8	1801.8	2073.7	2247.0	2250.0	2279.8	2318.7
37.5°	2554.7	2282.8	1792.8	1879.5	1715.1	1715.1	2004.9	2169.3	2163.3	2172.3	2226.1
40°	2456.1	2100.6	1583.6	1751.0	1637.4	1628.5	1921.3	2085.6	2064.7	2061.7	2136.4
42.5°	2351.6	1900.4	1428.3	1580.7	1547.8	1535.8	1819.7	1984.0	1945.2	1954.2	2049.8
45°	2238.0	1846.6	1308.7	1335.6	1455.2	1446.2	1709.1	1867.5	1840.6	1864.5	1963.1
47.5°	2124.5	1739.0	1269.9	1108.5	1356.6	1353.6	1586.6	1754.0	1739.0	1762.9	1867.5
50°	1969.1	1619.5	1266.9	950.2	1246.0	1257.9	1440.2	1643.4	1643.4	1664.3	1774.9
52.5°	1768.9	1473.1	1150.4	860.5	1117.5	1153.4	1311.7	1547.8	1553.8	1574.7	1673.3
55°	1586.6	1320.7	1066.7	791.8	965.1	1042.8	1186.2	1449.2	1461.1	1482.0	1571.7
57.5°	1419.3	1099.6	1048.8	711.1	824.7	899.4	1075.7	1353.6	1359.5	1377.5	1464.1
60°	1240.0	794.8	962.1	624.5	702.2	759.0	974.1	1240.0	1260.9	1272.9	1347.6
62.5°	1036.8	576.7	872.5	564.7	642.4	654.4	890.4	1132.5	1159.3	1168.3	1213.1
65°	738.0	484.1	741.0	513.9	579.7	582.7	800.8	1021.9	1045.8	1060.7	1093.6
67.5°	499.0	394.4	564.7	466.1	531.9	534.9	714.1	893.4	926.3	938.2	959.1
70°	346.6	262.9	418.3	415.3	478.1	484.1	621.5	776.9	806.8	815.7	827.7
72.5°	254.0	212.1	346.6	373.5	421.3	427.3	525.9	645.4	675.3	684.3	690.2
75°	194.2	224.1	280.9	325.7	358.6	361.5	430.3	525.9	546.8	552.8	555.8
77.5°	155.4	209.2	206.2	262.9	292.8	286.8	337.6	406.4	424.3	424.3	424.3
80°	116.5	164.3	155.4	188.2	215.1	209.2	242.0	289.8	295.8	301.8	298.8
82.5°	86.7	104.6	104.6	119.5	143.4	137.4	161.4	188.2	188.2	188.2	194.2
85°	53.8	59.8	47.8	62.7	80.7	77.7	89.6	101.6	104.6	104.6	98.6
87.5°	32.9	26.9	14.9	23.9	35.9	35.9	41.8	44.8	41.8	41.8	41.8
90°	7.8	5.4	3.0	5.4	7.8	8.4	13.1	19.5	22.7	20.2	15.1
92.5°	52.7	32.3	12.0	32.3	52.7	57.8	81.2	112.4	128.1	112.2	80.6
95°	103.2	65.9	28.7	65.9	103.2	112.5	199.8	316.2	374.4	334.1	253.5
97.5°	115.4	82.6	49.7	82.6	115.4	123.6	269.1	463.2	560.2	534.8	483.9
100°	125.4	95.6	65.8	95.6	125.4	132.9	294.4	509.8	617.4	619.3	623.0
102.5°	135.2	107.4	79.6	107.4	135.2	142.1	306.0	524.4	633.6	666.0	730.9
105°	150.0	126.5	103.0	126.5	150.0	155.9	314.5	526.0	631.8	704.5	850.0
107.5°	170.8	148.8	126.9	148.8	170.8	176.3	316.1	502.6	595.8	697.3	900.3
110°	182.7	162.8	143.0	162.8	182.7	187.6	313.7	481.9	565.9	679.4	906.3



TEST NUMBER: P933977

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	196.7	177.8	159.0	177.8	196.7	201.4	313.8	463.7	538.7	654.9	887.0
115°	217.7	200.3	182.9	200.3	217.7	222.1	316.7	442.9	506.1	617.9	841.6
117.5°	238.1	222.3	206.5	222.3	238.1	242.1	322.6	430.0	483.7	584.7	786.5
120°	250.1	235.2	220.2	235.2	250.1	253.8	327.4	425.5	474.6	566.8	751.4
122.5°	263.7	248.8	233.8	248.8	263.7	267.5	334.3	423.2	467.7	550.8	716.9
125°	281.9	268.1	254.4	268.1	281.9	285.3	343.6	421.4	460.3	530.8	671.9
127.5°	298.8	285.0	271.1	285.0	298.8	302.3	352.9	420.3	454.0	514.5	635.7
130°	310.0	295.0	280.1	295.0	310.0	313.6	359.7	420.9	451.6	505.6	613.4
132.5°	319.2	304.3	289.4	304.3	319.2	322.9	365.1	421.4	449.5	497.8	594.4
135°	330.3	316.7	303.2	316.7	330.3	333.7	371.1	421.0	445.9	486.3	567.2
137.5°	344.0	330.7	317.2	330.7	344.0	347.4	380.1	423.6	445.3	479.5	547.8
140°	353.7	341.2	328.9	341.2	353.7	356.8	385.6	424.0	443.2	472.7	531.8
142.5°	360.8	349.3	337.8	349.3	360.8	363.6	390.1	425.5	443.2	469.1	521.0
145°	371.6	361.6	351.7	361.6	371.6	374.1	396.1	425.5	440.2	461.4	503.9
147.5°	384.9	375.1	365.4	375.1	384.9	387.2	404.9	428.5	440.2	457.0	490.3
150°	391.9	383.2	374.4	383.2	391.9	394.1	409.5	430.0	440.2	454.4	482.6
152.5°	396.9	390.3	383.7	390.3	396.9	398.6	412.4	431.0	440.2	452.3	476.4
155°	407.3	402.3	397.4	402.3	407.3	408.5	419.0	433.2	440.2	449.8	469.0
157.5°	417.2	412.3	407.6	412.3	417.2	418.4	425.7	435.4	440.2	447.7	462.5
160°	422.0	418.2	414.5	418.2	422.0	422.9	428.7	436.3	440.2	446.6	459.4
162.5°	427.0	424.2	421.4	424.2	427.0	427.7	431.9	437.4	440.2	445.6	456.4
165°	434.0	431.4	428.9	431.4	434.0	434.6	436.4	438.9	440.2	444.1	451.8
167.5°	438.1	436.9	435.8	436.9	438.1	438.4	440.0	442.1	443.2	445.7	450.8
170°	442.6	441.4	440.2	441.4	442.6	442.9	443.0	443.1	443.2	445.7	450.8
172.5°	443.1	442.9	442.6	442.9	443.1	443.2	443.2	443.2	443.2	445.2	449.2
175°	445.9	445.9	445.9	445.9	445.9	445.9	445.0	443.8	443.2	444.5	447.0
177.5°	445.9	445.9	445.9	445.9	445.9	445.9	445.2	444.3	443.8	444.8	446.8
180°	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9



TEST NUMBER: P933977

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4
2.5°	3047.9	3038.9	3050.8	3018.0	3050.8	3038.9	3047.9	3068.8	3050.8	3062.8	3074.8
5°	2674.4	2659.4	2611.5	2572.7	2611.5	2659.4	2674.4	2737.1	2767.0	2820.8	2892.5
7.5°	2390.4	2378.4	2366.5	2342.6	2366.5	2378.4	2390.4	2408.3	2438.2	2486.0	2539.8
10°	2327.7	2330.6	2348.6	2345.6	2348.6	2330.6	2327.7	2321.7	2312.7	2321.7	2354.5
12.5°	2489.0	2515.9	2614.5	2608.5	2614.5	2515.9	2489.0	2369.5	2288.8	2273.9	2279.8
15°	2674.4	2683.3	2704.2	2707.2	2704.2	2683.3	2674.4	2626.5	2384.4	2279.8	2247.0
17.5°	2692.3	2695.3	2710.2	2710.2	2710.2	2695.3	2692.3	2671.4	2590.6	2450.2	2264.9
20°	2677.3	2683.3	2713.2	2719.2	2713.2	2683.3	2677.3	2650.5	2605.5	2554.7	2414.3
22.5°	2671.4	2683.3	2707.2	2704.2	2707.2	2683.3	2671.4	2629.4	2590.6	2554.7	2498.0
25°	2641.5	2641.5	2644.5	2647.5	2644.5	2641.5	2641.5	2608.5	2530.8	2521.9	2489.0
27.5°	2578.6	2584.6	2602.5	2599.6	2602.5	2584.6	2578.6	2566.7	2483.0	2474.1	2450.2
30°	2521.9	2515.9	2501.0	2489.0	2501.0	2515.9	2521.9	2503.9	2420.3	2396.4	2402.4
32.5°	2426.3	2411.3	2396.4	2387.4	2396.4	2411.3	2426.3	2420.3	2357.5	2324.7	2330.6
35°	2312.7	2315.7	2312.7	2303.7	2312.7	2315.7	2312.7	2318.7	2279.8	2250.0	2247.0
37.5°	2232.0	2238.0	2235.0	2223.1	2235.0	2238.0	2232.0	2226.1	2172.3	2163.3	2169.3
40°	2148.4	2151.4	2148.4	2139.4	2148.4	2151.4	2148.4	2136.4	2061.7	2064.7	2085.6
42.5°	2067.7	2064.7	2055.7	2049.8	2055.7	2064.7	2067.7	2049.8	1954.2	1945.2	1984.0
45°	1975.1	1978.1	1960.1	1951.2	1960.1	1978.1	1975.1	1963.1	1864.5	1840.6	1867.5
47.5°	1882.4	1882.4	1867.5	1858.5	1867.5	1882.4	1882.4	1867.5	1762.9	1739.0	1754.0
50°	1783.8	1780.8	1759.9	1756.9	1759.9	1780.8	1783.8	1774.9	1664.3	1643.4	1643.4
52.5°	1670.3	1670.3	1673.3	1679.3	1673.3	1670.3	1670.3	1673.3	1574.7	1553.8	1547.8
55°	1571.7	1574.7	1595.6	1601.6	1595.6	1574.7	1571.7	1571.7	1482.0	1461.1	1449.2
57.5°	1470.1	1470.1	1485.0	1485.0	1485.0	1470.1	1470.1	1464.1	1377.5	1359.5	1353.6
60°	1353.6	1359.5	1371.5	1368.5	1371.5	1359.5	1353.6	1347.6	1272.9	1260.9	1240.0
62.5°	1231.1	1237.0	1240.0	1234.0	1240.0	1237.0	1231.1	1213.1	1168.3	1159.3	1132.5
65°	1102.6	1108.5	1111.5	1105.6	1111.5	1108.5	1102.6	1093.6	1060.7	1045.8	1021.9
67.5°	971.1	968.1	965.1	977.1	965.1	968.1	971.1	959.1	938.2	926.3	893.4
70°	836.6	836.6	833.7	839.6	833.7	836.6	836.6	827.7	815.7	806.8	776.9
72.5°	693.2	690.2	702.2	693.2	702.2	690.2	693.2	690.2	684.3	675.3	645.4
75°	552.8	558.8	552.8	561.7	552.8	558.8	552.8	555.8	552.8	546.8	525.9
77.5°	421.3	427.3	421.3	421.3	421.3	427.3	421.3	424.3	424.3	424.3	406.4
80°	298.8	295.8	295.8	292.8	295.8	295.8	298.8	298.8	301.8	295.8	289.8
82.5°	191.2	188.2	188.2	194.2	188.2	188.2	191.2	194.2	188.2	188.2	188.2
85°	104.6	107.6	101.6	101.6	101.6	107.6	104.6	98.6	104.6	104.6	101.6
87.5°	38.8	35.9	35.9	35.9	35.9	35.9	38.8	41.8	41.8	41.8	44.8
90°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	15.1	20.2	22.7	19.5
92.5°	56.9	54.6	45.6	36.6	45.6	54.6	56.9	80.6	112.2	128.1	112.4
95°	193.0	186.2	158.8	131.4	158.8	186.2	193.0	253.5	334.1	374.4	316.2
97.5°	445.6	432.6	380.5	328.3	380.5	432.6	445.6	483.9	534.8	560.2	463.2
100°	625.8	610.2	548.2	486.0	548.2	610.2	625.8	623.0	619.3	617.4	509.8
102.5°	779.6	766.2	713.0	659.8	713.0	766.2	779.6	730.9	666.0	633.6	524.4
105°	959.1	952.0	923.4	894.8	923.4	952.0	959.1	850.0	704.5	631.8	526.0
107.5°	1052.6	1054.3	1061.2	1068.1	1061.2	1054.3	1052.6	900.3	697.3	595.8	502.6
110°	1076.5	1083.9	1113.7	1143.5	1113.7	1083.9	1076.5	906.3	679.4	565.9	481.9



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1061.2	1072.7	1118.4	1164.1	1118.4	1072.7	1061.2	887.0	654.9	538.7	463.7
115°	1009.4	1025.3	1088.7	1152.2	1088.7	1025.3	1009.4	841.6	617.9	506.1	442.9
117.5°	937.9	955.6	1025.9	1096.2	1025.9	955.6	937.9	786.5	584.7	483.7	430.0
120°	889.7	906.9	975.2	1043.5	975.2	906.9	889.7	751.4	566.8	474.6	425.5
122.5°	841.5	858.4	925.9	993.3	925.9	858.4	841.5	716.9	550.8	467.7	423.2
125°	777.8	793.3	855.4	917.5	855.4	793.3	777.8	671.9	530.8	460.3	421.4
127.5°	726.6	739.7	792.1	844.5	792.1	739.7	726.6	635.7	514.5	454.0	420.3
130°	694.3	706.5	754.9	803.3	754.9	706.5	694.3	613.4	505.6	451.6	420.9
132.5°	666.8	677.7	721.0	764.3	721.0	677.7	666.8	594.4	497.8	449.5	421.4
135°	627.9	637.2	674.6	711.9	674.6	637.2	627.9	567.2	486.3	445.9	421.0
137.5°	599.1	606.8	637.3	668.0	637.3	606.8	599.1	547.8	479.5	445.3	423.6
140°	576.1	583.3	611.8	640.4	611.8	583.3	576.1	531.8	472.7	443.2	424.0
142.5°	560.0	566.1	590.7	615.3	590.7	566.1	560.0	521.0	469.1	443.2	425.5
145°	535.6	540.3	559.0	577.6	559.0	540.3	535.6	503.9	461.4	440.2	425.5
147.5°	515.3	519.2	534.7	550.1	534.7	519.2	515.3	490.3	457.0	440.2	428.5
150°	503.7	506.8	519.3	531.8	519.3	506.8	503.7	482.6	454.4	440.2	430.0
152.5°	494.4	496.8	506.2	515.6	506.2	496.8	494.4	476.4	452.3	440.2	431.0
155°	483.4	485.0	491.1	497.4	491.1	485.0	483.4	469.0	449.8	440.2	433.2
157.5°	473.7	474.8	479.3	483.7	479.3	474.8	473.7	462.5	447.7	440.2	435.4
160°	468.9	469.5	472.1	474.6	472.1	469.5	468.9	459.4	446.6	440.2	436.3
162.5°	464.4	465.0	467.4	469.8	467.4	465.0	464.4	456.4	445.6	440.2	437.4
165°	457.6	458.2	460.7	463.2	460.7	458.2	457.6	451.8	444.1	440.2	438.9
167.5°	454.6	454.9	455.9	457.0	455.9	454.9	454.6	450.8	445.7	443.2	442.1
170°	454.6	454.6	454.6	454.6	454.6	454.6	454.6	450.8	445.7	443.2	443.1
172.5°	452.2	452.0	451.0	450.1	451.0	452.0	452.2	449.2	445.2	443.2	443.2
175°	448.9	448.9	448.9	448.9	448.9	448.9	448.9	447.0	444.5	443.2	443.8
177.5°	448.3	448.0	447.0	445.9	447.0	448.0	448.3	446.8	444.8	443.8	444.3
180°	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3158.4	3158.4	3158.4	3158.4	3158.4
2.5°	3119.6	3134.5	3143.5	3155.4	3185.3
5°	3000.1	3056.8	3074.8	3119.6	3173.4
7.5°	2737.1	2910.4	2958.2	3065.8	3149.5
10°	2483.0	2656.4	2740.1	2994.1	3119.6
12.5°	2354.5	2456.1	2512.9	2868.6	3077.7
15°	2273.9	2345.6	2387.4	2701.3	3029.9
17.5°	2211.1	2261.9	2291.8	2536.8	2964.2
20°	2172.3	2196.2	2223.1	2417.3	2889.5
22.5°	2145.4	2130.4	2151.4	2333.6	2787.9
25°	2127.5	2070.7	2094.6	2267.9	2668.4
27.5°	2142.4	2016.9	2025.9	2208.1	2542.8
30°	2145.4	1951.2	1954.2	2145.4	2402.4
32.5°	2124.5	1882.4	1885.4	2067.7	2244.0
35°	2073.7	1801.8	1798.8	1978.1	2028.9
37.5°	2004.9	1715.1	1715.1	1879.5	1792.8
40°	1921.3	1628.5	1637.4	1751.0	1583.6
42.5°	1819.7	1535.8	1547.8	1580.7	1428.3
45°	1709.1	1446.2	1455.2	1335.6	1308.7
47.5°	1586.6	1353.6	1356.6	1108.5	1269.9
50°	1440.2	1257.9	1246.0	950.2	1266.9
52.5°	1311.7	1153.4	1117.5	860.5	1150.4
55°	1186.2	1042.8	965.1	791.8	1066.7
57.5°	1075.7	899.4	824.7	711.1	1048.8
60°	974.1	759.0	702.2	624.5	962.1
62.5°	890.4	654.4	642.4	564.7	872.5
65°	800.8	582.7	579.7	513.9	741.0
67.5°	714.1	534.9	531.9	466.1	564.7
70°	621.5	484.1	478.1	415.3	418.3
72.5°	525.9	427.3	421.3	373.5	346.6
75°	430.3	361.5	358.6	325.7	280.9
77.5°	337.6	286.8	292.8	262.9	206.2
80°	242.0	209.2	215.1	188.2	155.4
82.5°	161.4	137.4	143.4	119.5	104.6
85°	89.6	77.7	80.7	62.7	47.8
87.5°	41.8	35.9	35.9	23.9	14.9
90°	13.1	8.4	7.8	5.4	3.0
92.5°	81.2	57.8	52.7	32.3	12.0
95°	199.8	112.5	103.2	65.9	28.7
97.5°	269.1	123.6	115.4	82.6	49.7
100°	294.4	132.9	125.4	95.6	65.8
102.5°	306.0	142.1	135.2	107.4	79.6
105°	314.5	155.9	150.0	126.5	103.0
107.5°	316.1	176.3	170.8	148.8	126.9
110°	313.7	187.6	182.7	162.8	143.0



TEST NUMBER: P933977

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	313.8	201.4	196.7	177.8	159.0
115°	316.7	222.1	217.7	200.3	182.9
117.5°	322.6	242.1	238.1	222.3	206.5
120°	327.4	253.8	250.1	235.2	220.2
122.5°	334.3	267.5	263.7	248.8	233.8
125°	343.6	285.3	281.9	268.1	254.4
127.5°	352.9	302.3	298.8	285.0	271.1
130°	359.7	313.6	310.0	295.0	280.1
132.5°	365.1	322.9	319.2	304.3	289.4
135°	371.1	333.7	330.3	316.7	303.2
137.5°	380.1	347.4	344.0	330.7	317.2
140°	385.6	356.8	353.7	341.2	328.9
142.5°	390.1	363.6	360.8	349.3	337.8
145°	396.1	374.1	371.6	361.6	351.7
147.5°	404.9	387.2	384.9	375.1	365.4
150°	409.5	394.1	391.9	383.2	374.4
152.5°	412.4	398.6	396.9	390.3	383.7
155°	419.0	408.5	407.3	402.3	397.4
157.5°	425.7	418.4	417.2	412.3	407.6
160°	428.7	422.9	422.0	418.2	414.5
162.5°	431.9	427.7	427.0	424.2	421.4
165°	436.4	434.6	434.0	431.4	428.9
167.5°	440.0	438.4	438.1	436.9	435.8
170°	443.0	442.9	442.6	441.4	440.2
172.5°	443.2	443.2	443.1	442.9	442.6
175°	445.0	445.9	445.9	445.9	445.9
177.5°	445.2	445.9	445.9	445.9	445.9
180°	445.9	445.9	445.9	445.9	445.9



TEST NUMBER: P933977

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-STD-W-12-2700K

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	14.70	15.82	15.42	16.56	17.45	17.55	18.67	18.27	19.42	20.30
	3H	15.19	16.20	15.93	16.96	17.87	18.92	19.93	19.65	20.68	21.60
	4H	15.40	16.35	16.15	17.11	18.04	19.38	20.33	20.13	21.10	22.02
	6H	15.53	16.41	16.29	17.18	18.12	19.68	20.56	20.45	21.33	22.28
	8H	15.54	16.38	16.31	17.17	18.11	19.77	20.61	20.54	21.40	22.34
	12H	15.52	16.32	16.30	17.10	18.07	19.82	20.62	20.60	21.40	22.37
4H	2H	15.77	16.72	16.52	17.48	18.41	17.99	18.94	18.74	19.70	20.63
	3H	16.82	17.61	17.59	18.41	19.35	19.52	20.32	20.29	21.12	22.06
	4H	17.10	17.83	17.89	18.62	19.60	20.07	20.79	20.85	21.59	22.56
	6H	17.24	17.87	18.05	18.69	19.67	20.45	21.08	21.25	21.90	22.88
	8H	17.26	17.84	18.06	18.66	19.65	20.57	21.15	21.37	21.97	22.96
	12H	17.24	17.76	18.06	18.60	19.60	20.64	21.17	21.47	22.01	23.00
8H	4H	17.58	18.17	18.39	18.98	19.98	20.21	20.80	21.02	21.61	22.61
	6H	17.85	18.34	18.69	19.20	20.19	20.67	21.15	21.50	22.01	23.00
	8H	17.90	18.33	18.75	19.19	20.20	20.82	21.25	21.67	22.11	23.12
	12H	17.90	18.28	18.74	19.12	20.19	20.94	21.32	21.79	22.16	23.23
12H	4H	17.60	18.13	18.43	18.97	19.96	20.19	20.72	21.02	21.55	22.55
	6H	17.92	18.35	18.76	19.21	20.21	20.66	21.10	21.51	21.95	22.96
	8H	18.00	18.38	18.85	19.22	20.29	20.84	21.22	21.69	22.07	23.13