

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: P934077

Luminaire Tested: SQ4-FA-025U-100D-B2750-1D-UNV-STD-W-12-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934077
REPORT IS A COMBINATION OF REPORTS P933681 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-100D-B2750-1D-UNV-STD-W-12-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

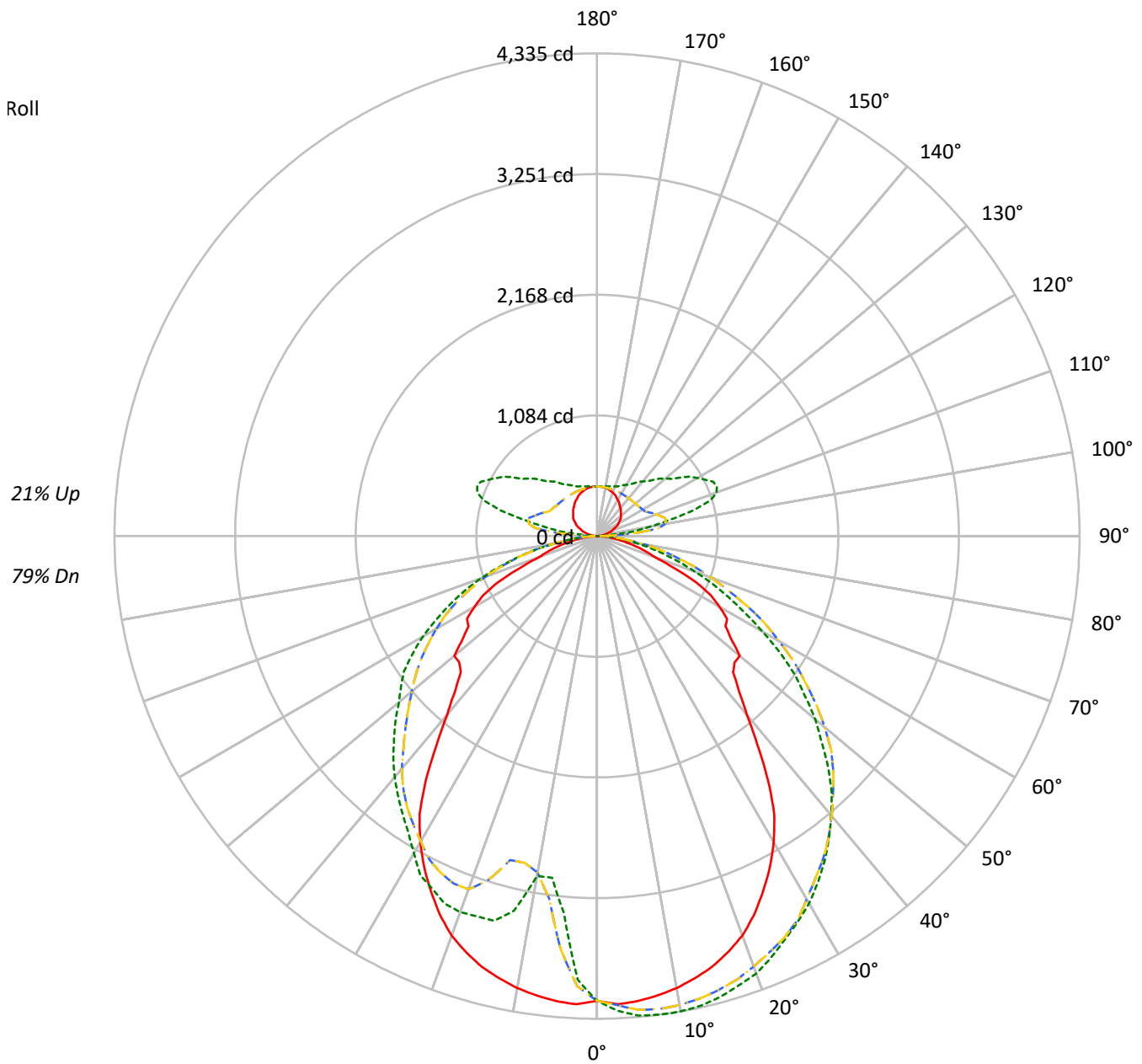
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13711.9 lumens
Efficiency: N/A
Efficacy: 117.8 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 116.4
Input Voltage (V): NR
Input Current (A_{in}): 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



— 0°-180° - - 45°-225° - - - 90°-270° - · - 135°-315°



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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12907	12907	12907	12907
5°	13008	13029	13008	10245
10°	12926	12834	12926	9176
15°	12790	12556	12790	10485
20°	12528	12227	12528	10507
25°	11985	11747	11985	10284
30°	11282	11348	11282	9795
35°	10063	10843	10063	9258
40°	8390	10249	8390	8852
45°	7501	9554	7501	8385
50°	7976	8725	7976	7917
55°	7510	7831	7510	7646
60°	7752	6651	7752	7003
65°	7040	5498	7040	6146
70°	4886	4382	4886	5151
75°	4301	3239	4301	3879
80°	3492	2141	3492	2331
85°	2045	1134	2045	965

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11489 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	376.7	2.7
10°-20°	1069.5	7.8
20°-30°	1653.2	12.1
30°-40°	1973.6	14.4
40°-50°	1985.2	14.5
50°-60°	1727.3	12.6
60°-70°	1224.7	8.9
70°-80°	647.9	4.7
80°-90°	163.1	1.2
90°-100°	217.4	1.6
100°-110°	571.4	4.2
110°-120°	592.5	4.3
120°-130°	475.3	3.5
130°-140°	372.9	2.7
140°-150°	286.2	2.1
150°-160°	206.1	1.5
160°-170°	126.1	0.9
170°-180°	42.6	0.3
0°-30°	3099.4	22.6
0°-40°	5073.0	37.0
0°-60°	8785.5	64.1
0°-90°	10821.2	78.9
90°-120°	1381.3	10.1
90°-150°	2515.8	18.3
90°-180°	2891.0	21.1
0°-180°	13711.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4173	4173	4173	4173	4173	
5°	4193	4323	4193	3399	4193	398
15°	4003	4283	4003	3577	4003	1126
25°	3525	3995	3525	3498	3525	1619
35°	2681	3565	2681	3044	2681	1658
45°	1729	2937	1729	2578	1729	1385
55°	1409	2167	1409	2116	1409	1295
65°	979	1307	979	1461	979	936
75°	371	620	371	742	371	390
85°	63	158	63	134	63	85
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°	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8
2.5°	4208.4	4208.4	4232.1	4240.0	4240.0	4228.1	4216.3	4228.1	4263.7	4275.5	4271.5
5°	4192.7	4224.2	4267.7	4275.5	4283.4	4279.5	4271.5	4279.5	4319.0	4326.8	4330.8
7.5°	4161.0	4220.3	4275.5	4287.4	4299.2	4287.4	4283.4	4291.4	4330.8	4338.7	4338.7
10°	4121.5	4204.5	4267.7	4275.5	4287.4	4275.5	4275.5	4291.4	4330.8	4338.7	4342.7
12.5°	4066.3	4180.8	4240.0	4247.9	4263.7	4259.7	4255.8	4271.5	4311.1	4319.0	4319.0
15°	4003.1	4137.4	4192.7	4200.5	4228.1	4220.3	4220.3	4236.1	4279.5	4291.4	4287.4
17.5°	3916.3	4082.1	4145.3	4157.1	4176.8	4172.8	4176.8	4192.7	4232.1	4240.0	4244.0
20°	3817.6	4007.1	4082.1	4094.0	4113.7	4113.7	4113.7	4133.4	4172.8	4188.7	4188.7
22.5°	3683.3	3928.1	4007.1	4015.0	4038.7	4038.7	4046.5	4074.1	4109.7	4113.7	4113.7
25°	3525.4	3841.3	3908.4	3932.1	3955.7	3967.6	3979.4	3995.3	4007.1	4003.1	4007.1
27.5°	3359.6	3730.7	3817.6	3833.4	3865.0	3876.8	3892.6	3896.6	3900.4	3912.3	3904.4
30°	3174.1	3576.7	3707.0	3722.8	3774.1	3782.0	3766.3	3774.1	3793.9	3801.8	3809.7
32.5°	2964.8	3347.8	3592.6	3628.0	3675.4	3651.7	3647.8	3659.7	3691.3	3691.3	3699.1
35°	2680.6	3170.2	3486.0	3517.6	3553.0	3525.4	3541.2	3545.2	3564.9	3576.7	3572.9
37.5°	2368.7	3016.2	3375.4	3399.1	3426.7	3391.2	3414.9	3426.7	3442.6	3434.6	3434.6
40°	2092.4	2775.4	3245.2	3260.9	3284.6	3257.0	3280.6	3288.6	3296.5	3288.6	3284.6
42.5°	1887.1	2510.8	3106.9	3126.7	3110.9	3130.6	3138.5	3154.3	3142.5	3126.7	3126.7
45°	1729.2	2439.8	2956.9	2980.6	2956.9	2988.5	3000.4	3000.4	2964.8	2956.9	2953.0
47.5°	1677.9	2297.7	2806.9	2806.9	2795.1	2834.5	2854.3	2826.6	2791.1	2779.3	2779.3
50°	1673.9	2139.7	2601.7	2585.8	2641.1	2688.5	2668.8	2641.1	2613.5	2570.1	2570.1
52.5°	1519.9	1946.3	2337.1	2396.4	2483.2	2510.8	2479.2	2451.7	2404.2	2384.5	2368.7
55°	1409.3	1745.0	2096.3	2214.7	2305.5	2341.1	2281.8	2254.2	2183.1	2171.3	2163.4
57.5°	1385.7	1452.8	1875.3	2025.3	2135.8	2131.8	2096.3	2045.0	1985.7	1974.0	1970.0
60°	1271.2	1050.1	1638.3	1816.0	1930.5	1918.7	1887.1	1839.7	1784.4	1776.6	1768.6
62.5°	1152.8	761.9	1369.9	1571.3	1733.1	1729.2	1701.6	1630.5	1591.0	1571.3	1555.5
65°	979.1	639.5	975.1	1306.8	1539.6	1547.6	1488.3	1437.0	1393.6	1369.9	1365.9
67.5°	746.1	521.1	659.3	1089.6	1354.2	1346.2	1271.2	1247.5	1192.2	1180.4	1156.8
70°	552.7	347.4	458.0	884.3	1172.5	1152.8	1093.5	1065.9	1014.6	986.9	971.2
72.5°	458.0	280.3	335.6	686.9	986.9	963.2	911.9	880.4	836.9	813.2	797.5
75°	371.1	296.1	256.6	509.3	801.4	785.6	738.2	706.7	671.1	639.5	643.5
77.5°	272.4	276.4	205.3	375.1	635.6	611.9	584.3	544.8	529.0	497.4	497.4
80°	205.3	217.1	154.0	256.6	458.0	458.0	434.3	406.7	379.0	363.2	363.2
82.5°	138.1	138.1	114.4	161.8	311.8	300.0	284.3	276.4	260.6	252.7	252.7
85°	63.1	79.0	71.0	98.7	169.7	177.7	177.7	169.7	165.8	157.9	161.8
87.5°	19.7	35.6	43.4	55.3	86.9	90.8	94.7	94.7	94.7	98.7	98.7
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°	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8
2.5°	4279.5	4267.7	4279.5	4271.5	4275.5	4263.7	4228.1	4216.3	4228.1	4240.0	4240.0
5°	4330.8	4322.9	4330.8	4330.8	4326.8	4319.0	4279.5	4271.5	4279.5	4283.4	4275.5
7.5°	4346.5	4334.8	4346.5	4338.7	4338.7	4330.8	4291.4	4283.4	4287.4	4299.2	4287.4
10°	4346.5	4334.8	4346.5	4342.7	4338.7	4330.8	4291.4	4275.5	4275.5	4287.4	4275.5
12.5°	4326.8	4319.0	4326.8	4319.0	4319.0	4311.1	4271.5	4255.8	4259.7	4263.7	4247.9
15°	4295.2	4283.4	4295.2	4287.4	4291.4	4279.5	4236.1	4220.3	4220.3	4228.1	4200.5
17.5°	4247.9	4232.1	4247.9	4244.0	4240.0	4232.1	4192.7	4176.8	4172.8	4176.8	4157.1
20°	4192.7	4180.8	4192.7	4188.7	4188.7	4172.8	4133.4	4113.7	4113.7	4113.7	4094.0
22.5°	4105.8	4094.0	4105.8	4113.7	4113.7	4109.7	4074.1	4046.5	4038.7	4038.7	4015.0
25°	4007.1	3995.3	4007.1	4007.1	4003.1	4007.1	3995.3	3979.4	3967.6	3955.7	3932.1
27.5°	3912.3	3904.4	3912.3	3904.4	3912.3	3900.4	3896.6	3892.6	3876.8	3865.0	3833.4
30°	3817.6	3809.7	3817.6	3809.7	3801.8	3793.9	3774.1	3766.3	3782.0	3774.1	3722.8
32.5°	3699.1	3691.3	3699.1	3699.1	3691.3	3691.3	3659.7	3647.8	3651.7	3675.4	3628.0
35°	3576.7	3564.9	3576.7	3572.9	3576.7	3564.9	3545.2	3541.2	3525.4	3553.0	3517.6
37.5°	3434.6	3422.8	3434.6	3434.6	3434.6	3442.6	3426.7	3414.9	3391.2	3426.7	3399.1
40°	3288.6	3272.8	3288.6	3284.6	3288.6	3296.5	3288.6	3280.6	3257.0	3284.6	3260.9
42.5°	3122.8	3118.8	3122.8	3126.7	3126.7	3142.5	3154.3	3138.5	3130.6	3110.9	3126.7
45°	2945.1	2937.2	2945.1	2953.0	2956.9	2964.8	3000.4	3000.4	2988.5	2956.9	2980.6
47.5°	2755.6	2735.9	2755.6	2779.3	2779.3	2791.1	2826.6	2854.3	2834.5	2795.1	2806.9
50°	2554.2	2558.2	2554.2	2570.1	2570.1	2613.5	2641.1	2668.8	2688.5	2641.1	2585.8
52.5°	2356.8	2353.0	2356.8	2368.7	2384.5	2404.2	2451.7	2479.2	2510.8	2483.2	2396.4
55°	2159.4	2167.4	2159.4	2163.4	2171.3	2183.1	2254.2	2281.8	2341.1	2305.5	2214.7
57.5°	1962.1	1950.3	1962.1	1970.0	1974.0	1985.7	2045.0	2096.3	2131.8	2135.8	2025.3
60°	1733.1	1717.3	1733.1	1768.6	1776.6	1784.4	1839.7	1887.1	1918.7	1930.5	1816.0
62.5°	1531.7	1504.2	1531.7	1555.5	1571.3	1591.0	1630.5	1701.6	1729.2	1733.1	1571.3
65°	1318.6	1306.8	1318.6	1365.9	1369.9	1393.6	1437.0	1488.3	1547.6	1539.6	1306.8
67.5°	1125.2	1125.2	1125.2	1156.8	1180.4	1192.2	1247.5	1271.2	1346.2	1354.2	1089.6
70°	947.5	943.5	947.5	971.2	986.9	1014.6	1065.9	1093.5	1152.8	1172.5	884.3
72.5°	777.8	773.8	777.8	797.5	813.2	836.9	880.4	911.9	963.2	986.9	686.9
75°	627.7	619.8	627.7	643.5	639.5	671.1	706.7	738.2	785.6	801.4	509.3
77.5°	481.7	481.7	481.7	497.4	497.4	529.0	544.8	584.3	611.9	635.6	375.1
80°	359.3	355.3	359.3	363.2	363.2	379.0	406.7	434.3	458.0	458.0	256.6
82.5°	252.7	244.7	252.7	252.7	252.7	260.6	276.4	284.3	300.0	311.8	161.8
85°	157.9	157.9	157.9	161.8	157.9	165.8	169.7	177.7	177.7	169.7	98.7
87.5°	102.7	98.7	102.7	98.7	98.7	94.7	94.7	94.7	90.8	86.9	55.3
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: P934077

CATALOG NUMBER: SQ4-FA-025U-100D-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: P934077

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8
2.5°	4232.1	4208.4	4208.4	4169.0	4153.1	4141.3	4121.5	4062.4	4046.5	4030.7	4054.4
5°	4267.7	4224.2	4192.7	4121.5	4062.4	4038.7	3963.7	3821.6	3726.7	3655.7	3616.3
7.5°	4275.5	4220.3	4161.0	4050.5	3908.4	3845.3	3616.3	3355.7	3284.6	3221.5	3181.9
10°	4267.7	4204.5	4121.5	3955.7	3620.2	3509.6	3280.6	3110.9	3067.5	3055.6	3067.5
12.5°	4240.0	4180.8	4066.3	3790.0	3320.2	3245.2	3110.9	3012.2	3004.3	3024.1	3130.6
15°	4192.7	4137.4	4003.1	3568.9	3154.3	3099.1	3004.3	2968.8	3012.2	3150.3	3470.2
17.5°	4145.3	4082.1	3916.3	3351.7	3028.0	2988.5	2921.4	2992.5	3237.2	3422.8	3529.4
20°	4082.1	4007.1	3817.6	3193.8	2937.2	2901.6	2870.1	3189.9	3375.4	3442.6	3501.7
22.5°	4007.1	3928.1	3683.3	3083.3	2842.5	2814.8	2834.5	3300.4	3375.4	3422.8	3474.1
25°	3908.4	3841.3	3525.4	2996.5	2767.5	2735.9	2810.9	3288.6	3332.0	3343.9	3446.5
27.5°	3817.6	3730.7	3359.6	2917.5	2676.7	2664.8	2830.6	3237.2	3268.9	3280.6	3391.2
30°	3707.0	3576.7	3174.1	2834.5	2581.9	2577.9	2834.5	3174.1	3166.2	3197.8	3308.3
32.5°	3592.6	3347.8	2964.8	2731.9	2491.1	2487.1	2806.9	3079.3	3071.5	3114.9	3197.8
35°	3486.0	3170.2	2680.6	2613.5	2376.7	2380.5	2739.8	2968.8	2972.8	3012.2	3063.5
37.5°	3375.4	3016.2	2368.7	2483.2	2266.1	2266.1	2649.0	2866.2	2858.2	2870.1	2941.2
40°	3245.2	2775.4	2092.4	2313.4	2163.4	2151.6	2538.5	2755.6	2727.9	2724.1	2822.8
42.5°	3106.9	2510.8	1887.1	2088.4	2045.0	2029.2	2404.2	2621.4	2570.1	2581.9	2708.2
45°	2956.9	2439.8	1729.2	1764.7	1922.6	1910.7	2258.1	2467.4	2431.8	2463.5	2593.8
47.5°	2806.9	2297.7	1677.9	1464.6	1792.3	1788.4	2096.3	2317.4	2297.7	2329.2	2467.4
50°	2601.7	2139.7	1673.9	1255.5	1646.3	1662.0	1902.9	2171.3	2171.3	2199.0	2345.0
52.5°	2337.1	1946.3	1519.9	1136.9	1476.5	1523.9	1733.1	2045.0	2052.9	2080.5	2210.8
55°	2096.3	1745.0	1409.3	1046.2	1275.2	1377.8	1567.3	1914.7	1930.5	1958.1	2076.6
57.5°	1875.3	1452.8	1385.7	939.6	1089.6	1188.3	1421.2	1788.4	1796.3	1820.0	1934.4
60°	1638.3	1050.1	1271.2	825.1	927.8	1002.8	1287.0	1638.3	1666.0	1681.7	1780.4
62.5°	1369.9	761.9	1152.8	746.1	848.8	864.6	1176.5	1496.2	1531.7	1543.6	1602.9
65°	975.1	639.5	979.1	679.1	765.9	769.8	1058.1	1350.2	1381.8	1401.5	1444.9
67.5°	659.3	521.1	746.1	615.8	702.7	706.7	943.5	1180.4	1223.8	1239.6	1267.3
70°	458.0	347.4	552.7	548.8	631.7	639.5	821.2	1026.5	1065.9	1077.8	1093.5
72.5°	335.6	280.3	458.0	493.5	556.7	564.5	694.8	852.8	892.2	904.1	911.9
75°	256.6	296.1	371.1	430.3	473.7	477.7	568.5	694.8	722.5	730.4	734.3
77.5°	205.3	276.4	272.4	347.4	386.8	379.0	446.1	536.9	560.5	560.5	560.5
80°	154.0	217.1	205.3	248.7	284.3	276.4	319.8	383.0	390.8	398.7	394.8
82.5°	114.4	138.1	138.1	157.9	189.5	181.6	213.1	248.7	248.7	248.7	256.6
85°	71.0	79.0	63.1	82.9	106.6	102.7	118.4	134.3	138.1	138.1	130.3
87.5°	43.4	35.6	19.7	31.6	47.4	47.4	55.3	59.3	55.3	55.3	55.3
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: P934077

CATALOG NUMBER: SQ4-FA-025U-100D-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: P934077

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8	4172.8
2.5°	4026.8	4015.0	4030.7	3987.3	4030.7	4015.0	4026.8	4054.4	4030.7	4046.5	4062.4
5°	3533.3	3513.6	3450.4	3399.1	3450.4	3513.6	3533.3	3616.3	3655.7	3726.7	3821.6
7.5°	3158.3	3142.5	3126.7	3095.1	3126.7	3142.5	3158.3	3181.9	3221.5	3284.6	3355.7
10°	3075.3	3079.3	3103.0	3099.1	3103.0	3079.3	3075.3	3067.5	3055.6	3067.5	3110.9
12.5°	3288.6	3324.1	3454.3	3446.5	3454.3	3324.1	3288.6	3130.6	3024.1	3004.3	3012.2
15°	3533.3	3545.2	3572.9	3576.7	3572.9	3545.2	3533.3	3470.2	3150.3	3012.2	2968.8
17.5°	3557.0	3561.0	3580.7	3580.7	3580.7	3561.0	3557.0	3529.4	3422.8	3237.2	2992.5
20°	3537.3	3545.2	3584.6	3592.6	3584.6	3545.2	3537.3	3501.7	3442.6	3375.4	3189.9
22.5°	3529.4	3545.2	3576.7	3572.9	3576.7	3545.2	3529.4	3474.1	3422.8	3375.4	3300.4
25°	3489.9	3489.9	3493.9	3497.8	3493.9	3489.9	3489.9	3446.5	3343.9	3332.0	3288.6
27.5°	3407.0	3414.9	3438.6	3434.6	3438.6	3414.9	3407.0	3391.2	3280.6	3268.9	3237.2
30°	3332.0	3324.1	3304.3	3288.6	3304.3	3324.1	3332.0	3308.3	3197.8	3166.2	3174.1
32.5°	3205.6	3185.9	3166.2	3154.3	3166.2	3185.9	3205.6	3197.8	3114.9	3071.5	3079.3
35°	3055.6	3059.6	3055.6	3043.8	3055.6	3059.6	3055.6	3063.5	3012.2	2972.8	2968.8
37.5°	2949.1	2956.9	2953.0	2937.2	2953.0	2956.9	2949.1	2941.2	2870.1	2858.2	2866.2
40°	2838.5	2842.5	2838.5	2826.6	2838.5	2842.5	2838.5	2822.8	2724.1	2727.9	2755.6
42.5°	2731.9	2727.9	2716.1	2708.2	2716.1	2727.9	2731.9	2708.2	2581.9	2570.1	2621.4
45°	2609.5	2613.5	2589.8	2577.9	2589.8	2613.5	2609.5	2593.8	2463.5	2431.8	2467.4
47.5°	2487.1	2487.1	2467.4	2455.5	2467.4	2487.1	2487.1	2467.4	2329.2	2297.7	2317.4
50°	2356.8	2353.0	2325.3	2321.4	2325.3	2353.0	2356.8	2345.0	2199.0	2171.3	2171.3
52.5°	2206.8	2206.8	2210.8	2218.7	2210.8	2206.8	2206.8	2210.8	2080.5	2052.9	2045.0
55°	2076.6	2080.5	2108.1	2116.0	2108.1	2080.5	2076.6	2076.6	1958.1	1930.5	1914.7
57.5°	1942.3	1942.3	1962.1	1962.1	1962.1	1942.3	1942.3	1934.4	1820.0	1796.3	1788.4
60°	1788.4	1796.3	1812.0	1808.1	1812.0	1796.3	1788.4	1780.4	1681.7	1666.0	1638.3
62.5°	1626.5	1634.4	1638.3	1630.5	1638.3	1634.4	1626.5	1602.9	1543.6	1531.7	1496.2
65°	1456.7	1464.6	1468.6	1460.7	1468.6	1464.6	1456.7	1444.9	1401.5	1381.8	1350.2
67.5°	1283.0	1279.1	1275.2	1290.9	1275.2	1279.1	1283.0	1267.3	1239.6	1223.8	1180.4
70°	1105.4	1105.4	1101.5	1109.3	1101.5	1105.4	1105.4	1093.5	1077.8	1065.9	1026.5
72.5°	915.9	911.9	927.8	915.9	927.8	911.9	915.9	911.9	904.1	892.2	852.8
75°	730.4	738.2	730.4	742.2	730.4	738.2	730.4	734.3	730.4	722.5	694.8
77.5°	556.7	564.5	556.7	556.7	556.7	564.5	556.7	560.5	560.5	560.5	536.9
80°	394.8	390.8	390.8	386.8	390.8	390.8	394.8	394.8	398.7	390.8	383.0
82.5°	252.7	248.7	248.7	256.6	248.7	248.7	252.7	256.6	248.7	248.7	248.7
85°	138.1	142.1	134.3	134.3	134.3	142.1	138.1	130.3	138.1	138.1	134.3
87.5°	51.3	47.4	47.4	47.4	47.4	47.4	51.3	55.3	55.3	55.3	59.3
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°	4172.8	4172.8	4172.8	4172.8	4172.8
2.5°	4121.5	4141.3	4153.1	4169.0	4208.4
5°	3963.7	4038.7	4062.4	4121.5	4192.7
7.5°	3616.3	3845.3	3908.4	4050.5	4161.0
10°	3280.6	3509.6	3620.2	3955.7	4121.5
12.5°	3110.9	3245.2	3320.2	3790.0	4066.3
15°	3004.3	3099.1	3154.3	3568.9	4003.1
17.5°	2921.4	2988.5	3028.0	3351.7	3916.3
20°	2870.1	2901.6	2937.2	3193.8	3817.6
22.5°	2834.5	2814.8	2842.5	3083.3	3683.3
25°	2810.9	2735.9	2767.5	2996.5	3525.4
27.5°	2830.6	2664.8	2676.7	2917.5	3359.6
30°	2834.5	2577.9	2581.9	2834.5	3174.1
32.5°	2806.9	2487.1	2491.1	2731.9	2964.8
35°	2739.8	2380.5	2376.7	2613.5	2680.6
37.5°	2649.0	2266.1	2266.1	2483.2	2368.7
40°	2538.5	2151.6	2163.4	2313.4	2092.4
42.5°	2404.2	2029.2	2045.0	2088.4	1887.1
45°	2258.1	1910.7	1922.6	1764.7	1729.2
47.5°	2096.3	1788.4	1792.3	1464.6	1677.9
50°	1902.9	1662.0	1646.3	1255.5	1673.9
52.5°	1733.1	1523.9	1476.5	1136.9	1519.9
55°	1567.3	1377.8	1275.2	1046.2	1409.3
57.5°	1421.2	1188.3	1089.6	939.6	1385.7
60°	1287.0	1002.8	927.8	825.1	1271.2
62.5°	1176.5	864.6	848.8	746.1	1152.8
65°	1058.1	769.8	765.9	679.1	979.1
67.5°	943.5	706.7	702.7	615.8	746.1
70°	821.2	639.5	631.7	548.8	552.7
72.5°	694.8	564.5	556.7	493.5	458.0
75°	568.5	477.7	473.7	430.3	371.1
77.5°	446.1	379.0	386.8	347.4	272.4
80°	319.8	276.4	284.3	248.7	205.3
82.5°	213.1	181.6	189.5	157.9	138.1
85°	118.4	102.7	106.6	82.9	63.1
87.5°	55.3	47.4	47.4	31.6	19.7
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: P934077

CATALOG NUMBER: SQ4-FA-025U-100D-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: P934077
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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.03	17.23	16.69	17.91	18.70	18.88	20.08	19.55	20.76	21.55
	3H	16.53	17.61	17.21	18.30	19.12	20.26	21.34	20.94	22.03	22.85
	4H	16.74	17.76	17.44	18.46	19.29	20.73	21.74	21.42	22.44	23.28
	6H	16.88	17.81	17.59	18.52	19.37	21.03	21.97	21.74	22.68	23.53
	8H	16.89	17.78	17.61	18.51	19.36	21.12	22.01	21.84	22.74	23.60
	12H	16.87	17.72	17.60	18.45	19.33	21.17	22.03	21.90	22.75	23.63
4H	2H	17.11	18.13	17.81	18.83	19.66	19.33	20.35	20.03	21.05	21.88
	3H	18.17	19.02	18.88	19.75	20.61	20.88	21.72	21.59	22.46	23.31
	4H	18.46	19.23	19.19	19.97	20.85	21.42	22.19	22.15	22.93	23.81
	6H	18.60	19.27	19.35	20.03	20.92	21.81	22.48	22.56	23.24	24.13
	8H	18.62	19.24	19.37	20.00	20.90	21.93	22.55	22.68	23.31	24.22
	12H	18.60	19.16	19.37	19.94	20.85	22.01	22.57	22.78	23.35	24.26
8H	4H	18.94	19.56	19.69	20.33	21.23	21.57	22.20	22.32	22.96	23.86
	6H	19.22	19.73	20.00	20.54	21.44	22.03	22.54	22.81	23.35	24.25
	8H	19.26	19.72	20.06	20.53	21.45	22.19	22.65	22.98	23.45	24.37
	12H	19.26	19.67	20.06	20.46	21.44	22.31	22.71	23.10	23.50	24.48
12H	4H	18.97	19.53	19.74	20.31	21.22	21.55	22.11	22.32	22.90	23.81
	6H	19.28	19.74	20.08	20.55	21.47	22.03	22.49	22.82	23.29	24.21
	8H	19.36	19.77	20.16	20.56	21.54	22.21	22.61	23.00	23.41	24.39