

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-W2A-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-W2A-W-12-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

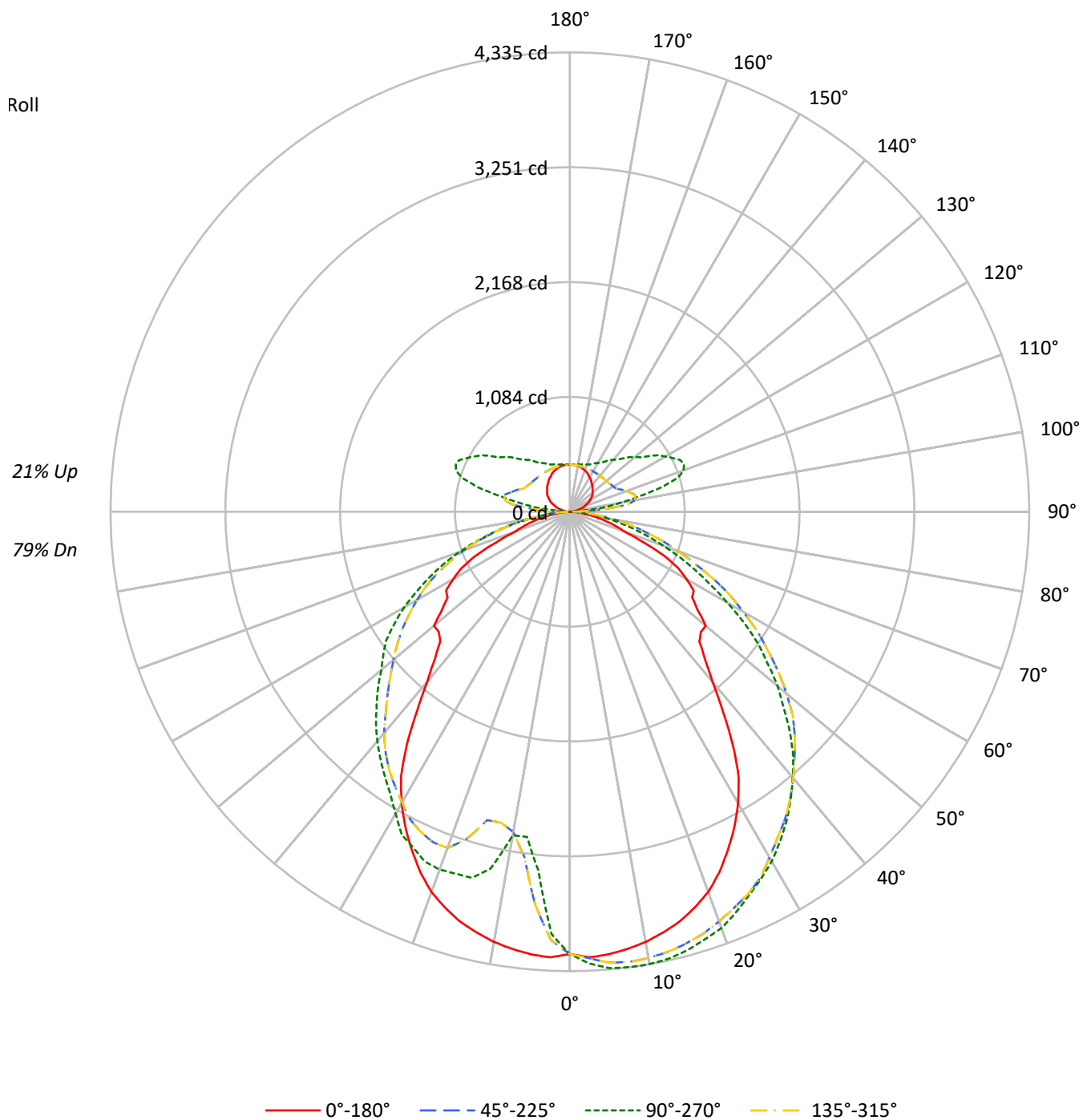
Lumens per Lamp: N/A
Luminaire Lumens: 13711.9 lumens
Efficiency: N/A
Efficacy: 117.8 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 116.4
Input Voltage (V): NR
Input Current (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: P934077

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-12-2700K

Luminous Intensity Polar Plot



TEST NUMBER: P934077

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-12-2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12907	12907	12907	12907
5°	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

TEST NUMBER: P934077

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-12-2700K

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	

TEST NUMBER: P934077

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-12-2700K

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

TEST NUMBER: P934077

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-12-2700K

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

TEST NUMBER: P934077

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-12-2700K

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-W2A-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-W2A-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-W2A-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-W2A-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

TEST NUMBER: P934077

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-12-2700K

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

TEST NUMBER: P934077

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-W-12-2700K

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-W2A-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

CATALOG NUMBER: SQ4-FA-025U-100D-B2750-1D-UNV-W2A-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	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