

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: P934516

Luminaire Tested: SQ4-FA-050U-125D-835-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934516
REPORT IS A COMBINATION OF REPORTS P933704 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-125D-835-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

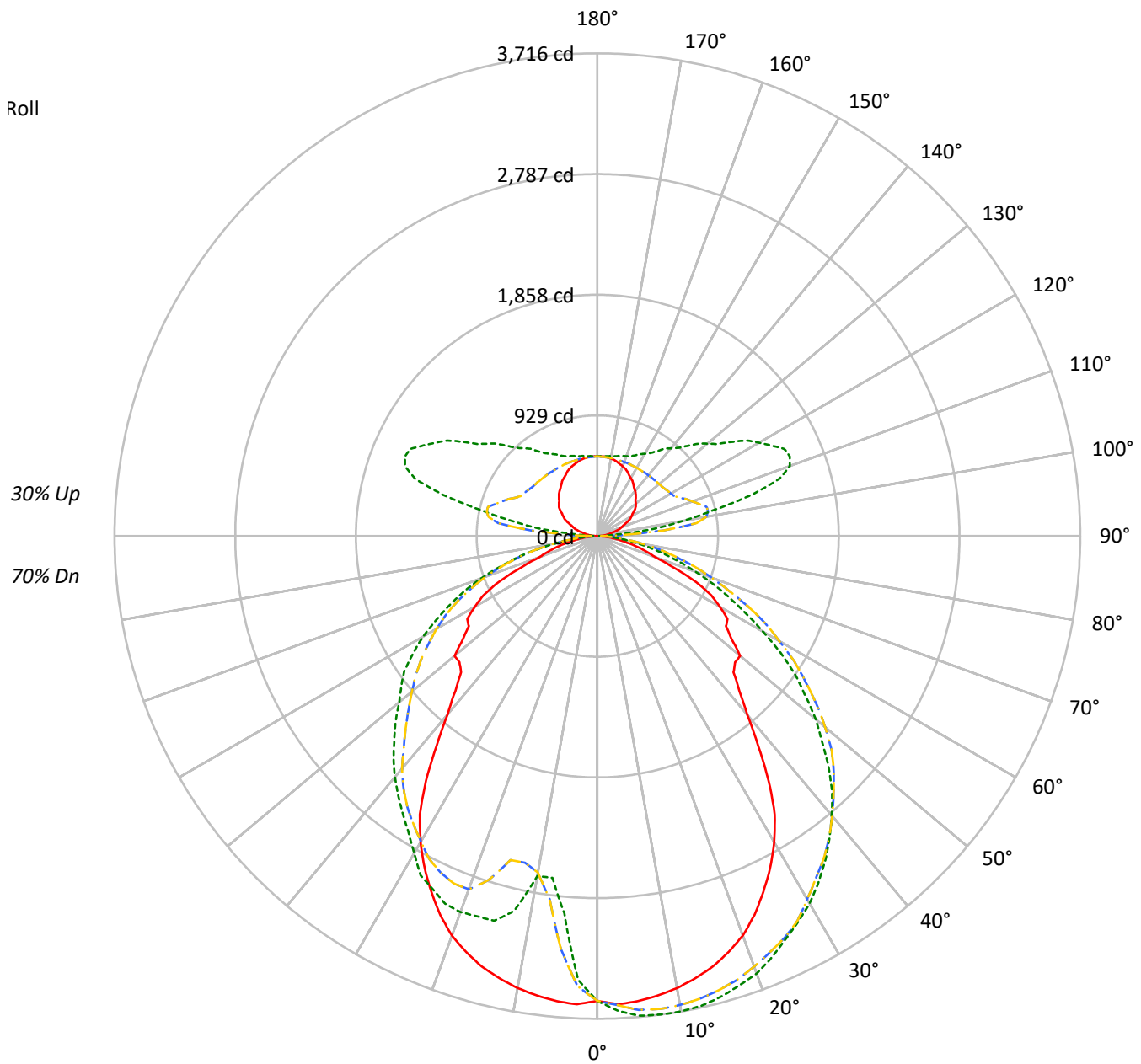
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13259.0 lumens
Efficiency: N/A
Efficacy: 118.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 112
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P934516
CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-8

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				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	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	74	74	74	70
1	102	98	94	90	97	93	89	86	83	80	78	74	72	70	66	65	63	63	63	63	59
2	93	86	79	74	88	81	76	71	73	68	65	65	62	59	58	56	53	53	53	53	50
3	85	75	68	62	80	71	65	59	64	59	54	58	53	50	52	48	45	45	45	45	42
4	78	67	58	52	73	63	56	50	57	51	46	51	47	43	46	42	39	39	39	39	36
5	72	60	51	45	67	57	49	43	51	45	40	46	41	37	41	37	34	34	34	34	31
6	66	53	45	39	62	51	43	38	46	40	35	42	36	32	38	33	30	30	30	30	27
7	61	48	40	34	58	46	39	33	42	36	31	38	33	29	34	30	27	27	27	27	24
8	57	44	36	30	54	42	35	29	38	32	28	35	29	26	31	27	24	24	24	24	22
9	53	40	32	27	50	38	31	26	35	29	25	32	27	23	29	25	21	21	21	21	19
10	49	37	30	25	47	35	28	24	32	26	22	30	25	21	27	23	19	19	19	19	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16597	16597	16597	16597
5°	16721	16754	16721	13174
10°	16609	16503	16609	11799
15°	16428	16145	16428	13482
20°	16085	15722	16085	13510
25°	15382	15104	15382	13224
30°	14473	14591	14473	12595
35°	12902	13943	12902	11905
40°	10751	13179	10751	11382
45°	9606	12285	9606	10782
50°	10205	11219	10205	10180
55°	9602	10070	9602	9832
60°	9897	8553	9897	9005
65°	8974	7070	8974	7903
70°	6214	5634	6214	6625
75°	5448	4165	5448	4987
80°	4391	2754	4391	2999
85°	2520	1459	2520	1240

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14723 cd/sqm



TEST NUMBER: P934516

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-8

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	322.9	2.4
10°-20°	916.8	6.9
20°-30°	1417.2	10.7
30°-40°	1691.9	12.8
40°-50°	1701.8	12.8
50°-60°	1480.8	11.2
60°-70°	1049.9	7.9
70°-80°	555.5	4.2
80°-90°	140.7	1.1
90°-100°	299.4	2.3
100°-110°	787.1	5.9
110°-120°	816.2	6.2
120°-130°	654.7	4.9
130°-140°	513.7	3.9
140°-150°	394.3	3.0
150°-160°	283.9	2.1
160°-170°	173.7	1.3
170°-180°	58.7	0.4
0°-30°	2656.9	20.0
0°-40°	4348.8	32.8
0°-60°	7531.3	56.8
0°-90°	9277.4	70.0
90°-120°	1902.7	14.4
90°-150°	3465.3	26.1
90°-180°	3982.0	30.0
0°-180°	13259.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3577	3577	3577	3577	3577	
5°	3594	3706	3594	2914	3594	341
15°	3432	3672	3432	3066	3432	966
25°	3022	3425	3022	2998	3022	1388
35°	2298	3056	2298	2609	2298	1422
45°	1482	2518	1482	2210	1482	1187
55°	1208	1858	1208	1814	1208	1110
65°	839	1120	839	1252	839	802
75°	318	531	318	636	318	334
85°	54	135	54	115	54	73
90°	4	16	4	16	4	6
95°	40	181	40	181	40	44
105°	142	1232	142	1232	142	150
115°	252	1587	252	1587	252	249
125°	350	1264	350	1264	350	311
135°	418	981	418	981	418	323
145°	484	796	484	796	484	303
155°	547	685	547	685	547	252
165°	591	638	591	638	591	167
175°	614	618	614	618	614	58
180°	614	614	614	614	614	



TEST NUMBER: P934516

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3607.6	3607.6	3627.9	3634.7	3634.7	3624.6	3614.4	3624.6	3655.0	3665.2	3661.8
5°	3594.1	3621.2	3658.4	3665.2	3671.9	3668.6	3661.8	3668.6	3702.4	3709.2	3712.6
7.5°	3567.0	3617.8	3665.2	3675.3	3685.5	3675.3	3671.9	3678.7	3712.6	3719.3	3719.3
10°	3533.2	3604.3	3658.4	3665.2	3675.3	3665.2	3665.2	3678.7	3712.6	3719.3	3722.7
12.5°	3485.8	3583.9	3634.7	3641.5	3655.0	3651.6	3648.3	3661.8	3695.6	3702.4	3702.4
15°	3431.7	3546.7	3594.1	3600.9	3624.6	3617.8	3617.8	3631.3	3668.6	3678.7	3675.3
17.5°	3357.2	3499.3	3553.5	3563.6	3580.6	3577.2	3580.6	3594.1	3627.9	3634.7	3638.1
20°	3272.6	3435.0	3499.3	3509.5	3526.4	3526.4	3526.4	3543.3	3577.2	3590.7	3590.7
22.5°	3157.5	3367.4	3435.0	3441.8	3462.1	3462.1	3468.9	3492.6	3523.0	3526.4	3526.4
25°	3022.2	3292.9	3350.4	3370.7	3391.0	3401.2	3411.4	3424.9	3435.0	3431.7	3435.0
27.5°	2880.0	3198.1	3272.6	3286.1	3313.2	3323.4	3336.9	3340.3	3343.7	3353.8	3347.0
30°	2721.0	3066.2	3177.8	3191.4	3235.4	3242.1	3228.6	3235.4	3252.3	3259.1	3265.8
32.5°	2541.6	2869.9	3079.7	3110.2	3150.8	3130.5	3127.1	3137.2	3164.3	3164.3	3171.1
35°	2297.9	2717.6	2988.3	3015.4	3045.8	3022.2	3035.7	3039.1	3056.0	3066.2	3062.8
37.5°	2030.6	2585.6	2893.6	2913.9	2937.6	2907.1	2927.4	2937.6	2951.1	2944.3	2944.3
40°	1793.7	2379.1	2781.9	2795.4	2815.7	2792.0	2812.3	2819.1	2825.9	2819.1	2815.7
42.5°	1617.7	2152.4	2663.4	2680.3	2666.8	2683.7	2690.5	2704.0	2693.9	2680.3	2680.3
45°	1482.3	2091.5	2534.8	2555.1	2534.8	2561.9	2572.1	2572.1	2541.6	2534.8	2531.4
47.5°	1438.3	1969.6	2406.2	2406.2	2396.1	2429.9	2446.8	2423.1	2392.7	2382.5	2382.5
50°	1434.9	1834.3	2230.2	2216.7	2264.1	2304.7	2287.8	2264.1	2240.4	2203.2	2203.2
52.5°	1302.9	1668.4	2003.5	2054.3	2128.7	2152.4	2125.3	2101.6	2061.0	2044.1	2030.6
55°	1208.2	1495.9	1797.1	1898.6	1976.4	2006.9	1956.1	1932.4	1871.5	1861.4	1854.6
57.5°	1187.9	1245.4	1607.5	1736.1	1830.9	1827.5	1797.1	1753.1	1702.3	1692.1	1688.8
60°	1089.7	900.2	1404.5	1556.8	1654.9	1644.8	1617.7	1577.1	1529.7	1522.9	1516.2
62.5°	988.2	653.2	1174.3	1346.9	1485.7	1482.3	1458.6	1397.7	1363.9	1346.9	1333.4
65°	839.3	548.3	835.9	1120.2	1319.9	1326.6	1275.9	1231.9	1194.6	1174.3	1171.0
67.5°	639.6	446.7	565.2	934.1	1160.8	1154.0	1089.7	1069.4	1022.1	1011.9	991.6
70°	473.8	297.8	392.6	758.1	1005.1	988.2	937.4	913.8	869.8	846.1	832.5
72.5°	392.6	240.3	287.7	588.9	846.1	825.8	781.8	754.7	717.5	697.2	683.6
75°	318.1	253.8	220.0	436.6	687.0	673.5	632.9	605.8	575.3	548.3	551.6
77.5°	233.5	236.9	176.0	321.5	544.9	524.6	500.9	467.0	453.5	426.4	426.4
80°	176.0	186.1	132.0	220.0	392.6	392.6	372.3	348.6	324.9	311.4	311.4
82.5°	118.4	118.4	98.1	138.8	267.4	257.2	243.7	236.9	223.4	216.6	216.6
85°	54.1	67.7	60.9	84.6	145.5	152.3	152.3	145.5	142.1	135.4	138.8
87.5°	16.9	30.5	37.2	47.4	74.5	77.8	81.2	81.2	81.2	84.6	84.6
90°	4.1	7.4	10.7	11.5	18.1	26.9	31.3	27.8	20.9	15.7	15.7
92.5°	16.5	44.5	72.6	79.6	111.9	154.9	176.4	154.6	111.0	78.3	75.2
95°	39.6	90.9	142.2	155.0	275.2	435.5	515.7	460.2	349.2	265.9	256.5
97.5°	68.4	113.6	158.9	170.2	370.7	638.0	771.7	736.6	666.4	613.8	595.8
100°	90.7	131.7	172.7	183.0	405.5	702.1	850.4	853.0	858.1	861.9	840.5
102.5°	109.7	148.0	186.2	195.8	421.4	722.3	872.7	917.4	1006.8	1073.8	1055.5
105°	141.8	174.2	206.7	214.8	433.3	724.6	870.2	970.4	1170.9	1321.2	1311.3
107.5°	174.8	205.0	235.2	242.8	435.4	692.3	820.7	960.5	1240.1	1449.8	1452.2
110°	197.0	224.3	251.7	258.5	432.2	663.7	779.5	935.8	1248.3	1482.7	1493.0



TEST NUMBER: P934516

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	218.9	244.9	270.9	277.4	432.3	638.8	742.0	901.9	1221.8	1461.7	1477.5
115°	251.9	275.9	299.9	305.9	436.3	610.2	697.1	851.2	1159.3	1390.4	1412.2
117.5°	284.4	306.2	328.0	333.5	444.4	592.2	666.1	805.2	1083.3	1291.9	1316.1
120°	303.4	323.9	344.5	349.6	451.0	586.2	653.8	780.8	1034.9	1225.5	1249.0
122.5°	321.9	342.6	363.3	368.5	460.4	583.0	644.3	758.7	987.6	1159.2	1182.4
125°	350.4	369.2	388.1	392.8	473.2	580.4	634.0	731.2	925.6	1071.4	1092.8
127.5°	373.5	392.5	411.5	416.3	486.0	578.9	625.3	708.8	875.7	1000.9	1018.9
130°	385.8	406.3	426.9	432.0	495.3	579.8	622.0	696.3	844.9	956.3	973.0
132.5°	398.6	419.1	439.7	444.8	502.9	580.4	619.2	685.7	818.7	918.4	933.3
135°	417.6	436.3	454.9	459.6	511.1	579.8	614.2	669.9	781.3	864.8	877.7
137.5°	437.0	455.5	474.0	478.6	523.5	583.4	613.4	660.5	754.7	825.3	835.8
140°	453.0	470.1	487.1	491.4	531.1	584.0	610.5	651.2	732.5	793.5	803.3
142.5°	465.4	481.1	496.9	500.8	537.4	586.1	610.5	646.2	717.7	771.3	779.8
145°	484.4	498.1	511.9	515.3	545.7	586.2	606.4	635.6	694.1	737.9	744.3
147.5°	503.3	516.7	530.1	533.4	557.7	590.2	606.4	629.4	675.3	709.8	715.1
150°	515.7	527.8	539.9	542.9	564.1	592.3	606.4	625.8	664.7	693.8	698.1
152.5°	528.5	537.7	546.8	549.1	568.2	593.7	606.4	623.0	656.1	681.0	684.3
155°	547.4	554.2	561.0	562.7	577.3	596.7	606.4	619.6	645.9	665.7	667.9
157.5°	561.4	568.0	574.6	576.3	586.3	599.7	606.4	616.6	637.1	652.5	654.0
160°	570.9	576.1	581.2	582.5	590.5	601.1	606.4	615.2	632.7	645.9	646.8
162.5°	580.4	584.3	588.1	589.1	594.9	602.6	606.4	613.8	628.7	639.8	640.6
165°	590.7	594.2	597.6	598.5	601.1	604.6	606.4	611.7	622.3	630.3	631.2
167.5°	600.2	601.8	603.5	603.9	606.1	609.0	610.5	614.0	621.0	626.2	626.6
170°	606.4	608.0	609.7	610.1	610.2	610.4	610.5	614.0	621.0	626.2	626.2
172.5°	609.7	610.1	610.4	610.5	610.5	610.5	610.5	613.3	618.8	622.9	622.6
175°	614.2	614.2	614.2	614.2	613.0	611.3	610.5	612.2	615.7	618.3	618.3
177.5°	614.2	614.2	614.2	614.2	613.2	611.9	611.3	612.7	615.4	617.5	617.1
180°	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3668.6	3658.4	3668.6	3661.8	3665.2	3655.0	3624.6	3614.4	3624.6	3634.7	3634.7
5°	3712.6	3705.8	3712.6	3712.6	3709.2	3702.4	3668.6	3661.8	3668.6	3671.9	3665.2
7.5°	3726.1	3715.9	3726.1	3719.3	3719.3	3712.6	3678.7	3671.9	3675.3	3685.5	3675.3
10°	3726.1	3715.9	3726.1	3722.7	3719.3	3712.6	3678.7	3665.2	3665.2	3675.3	3665.2
12.5°	3709.2	3702.4	3709.2	3702.4	3702.4	3695.6	3661.8	3648.3	3651.6	3655.0	3641.5
15°	3682.1	3671.9	3682.1	3675.3	3678.7	3668.6	3631.3	3617.8	3617.8	3624.6	3600.9
17.5°	3641.5	3627.9	3641.5	3638.1	3634.7	3627.9	3594.1	3580.6	3577.2	3580.6	3563.6
20°	3594.1	3583.9	3594.1	3590.7	3590.7	3577.2	3543.3	3526.4	3526.4	3526.4	3509.5
22.5°	3519.6	3509.5	3519.6	3526.4	3526.4	3523.0	3492.6	3468.9	3462.1	3462.1	3441.8
25°	3435.0	3424.9	3435.0	3435.0	3431.7	3435.0	3424.9	3411.4	3401.2	3391.0	3370.7
27.5°	3353.8	3347.0	3353.8	3347.0	3353.8	3343.7	3340.3	3336.9	3323.4	3313.2	3286.1
30°	3272.6	3265.8	3272.6	3265.8	3259.1	3252.3	3235.4	3228.6	3242.1	3235.4	3191.4
32.5°	3171.1	3164.3	3171.1	3171.1	3164.3	3164.3	3137.2	3127.1	3130.5	3150.8	3110.2
35°	3066.2	3056.0	3066.2	3062.8	3066.2	3056.0	3039.1	3035.7	3022.2	3045.8	3015.4
37.5°	2944.3	2934.2	2944.3	2944.3	2944.3	2951.1	2937.6	2927.4	2907.1	2937.6	2913.9
40°	2819.1	2805.6	2819.1	2815.7	2819.1	2825.9	2819.1	2812.3	2792.0	2815.7	2795.4
42.5°	2677.0	2673.6	2677.0	2680.3	2680.3	2693.9	2704.0	2690.5	2683.7	2666.8	2680.3
45°	2524.7	2517.9	2524.7	2531.4	2534.8	2541.6	2572.1	2572.1	2561.9	2534.8	2555.1
47.5°	2362.2	2345.3	2362.2	2382.5	2382.5	2392.7	2423.1	2446.8	2429.9	2396.1	2406.2
50°	2189.6	2193.0	2189.6	2203.2	2203.2	2240.4	2264.1	2287.8	2304.7	2264.1	2216.7
52.5°	2020.4	2017.0	2020.4	2030.6	2044.1	2061.0	2101.6	2125.3	2152.4	2128.7	2054.3
55°	1851.2	1858.0	1851.2	1854.6	1861.4	1871.5	1932.4	1956.1	2006.9	1976.4	1898.6
57.5°	1682.0	1671.8	1682.0	1688.8	1692.1	1702.3	1753.1	1797.1	1827.5	1830.9	1736.1
60°	1485.7	1472.2	1485.7	1516.2	1522.9	1529.7	1577.1	1617.7	1644.8	1654.9	1556.8
62.5°	1313.1	1289.4	1313.1	1333.4	1346.9	1363.9	1397.7	1458.6	1482.3	1485.7	1346.9
65°	1130.3	1120.2	1130.3	1171.0	1174.3	1194.6	1231.9	1275.9	1326.6	1319.9	1120.2
67.5°	964.5	964.5	964.5	991.6	1011.9	1022.1	1069.4	1089.7	1154.0	1160.8	934.1
70°	812.2	808.8	812.2	832.5	846.1	869.8	913.8	937.4	988.2	1005.1	758.1
72.5°	666.7	663.3	666.7	683.6	697.2	717.5	754.7	781.8	825.8	846.1	588.9
75°	538.1	531.3	538.1	551.6	548.3	575.3	605.8	632.9	673.5	687.0	436.6
77.5°	412.9	412.9	412.9	426.4	426.4	453.5	467.0	500.9	524.6	544.9	321.5
80°	308.0	304.6	308.0	311.4	311.4	324.9	348.6	372.3	392.6	392.6	220.0
82.5°	216.6	209.8	216.6	216.6	216.6	223.4	236.9	243.7	257.2	267.4	138.8
85°	135.4	135.4	135.4	138.8	135.4	142.1	145.5	152.3	152.3	145.5	84.6
87.5°	88.0	84.6	88.0	84.6	84.6	81.2	81.2	81.2	77.8	74.5	47.4
90°	15.7	15.7	15.7	15.7	15.7	20.9	27.8	31.3	26.9	18.1	11.5
92.5°	62.7	50.3	62.7	75.2	78.3	111.0	154.6	176.4	154.9	111.9	79.6
95°	218.7	181.0	218.7	256.5	265.9	349.2	460.2	515.7	435.5	275.2	155.0
97.5°	524.0	452.2	524.0	595.8	613.8	666.4	736.6	771.7	638.0	370.7	170.2
100°	755.0	669.4	755.0	840.5	861.9	858.1	853.0	850.4	702.1	405.5	183.0
102.5°	982.2	908.9	982.2	1055.5	1073.8	1006.8	917.4	872.7	722.3	421.4	195.8
105°	1271.9	1232.5	1271.9	1311.3	1321.2	1170.9	970.4	870.2	724.6	433.3	214.8
107.5°	1461.7	1471.2	1461.7	1452.2	1449.8	1240.1	960.5	820.7	692.3	435.4	242.8
110°	1534.0	1575.1	1534.0	1493.0	1482.7	1248.3	935.8	779.5	663.7	432.2	258.5



TEST NUMBER: P934516

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1540.5	1603.5	1540.5	1477.5	1461.7	1221.8	901.9	742.0	638.8	432.3	277.4
115°	1499.6	1587.0	1499.6	1412.2	1390.4	1159.3	851.2	697.1	610.2	436.3	305.9
117.5°	1413.1	1510.0	1413.1	1316.1	1291.9	1083.3	805.2	666.1	592.2	444.4	333.5
120°	1343.2	1437.4	1343.2	1249.0	1225.5	1034.9	780.8	653.8	586.2	451.0	349.6
122.5°	1275.3	1368.2	1275.3	1182.4	1159.2	987.6	758.7	644.3	583.0	460.4	368.5
125°	1178.3	1263.9	1178.3	1092.8	1071.4	925.6	731.2	634.0	580.4	473.2	392.8
127.5°	1091.1	1163.3	1091.1	1018.9	1000.9	875.7	708.8	625.3	578.9	486.0	416.3
130°	1039.7	1106.4	1039.7	973.0	956.3	844.9	696.3	622.0	579.8	495.3	432.0
132.5°	993.1	1052.8	993.1	933.3	918.4	818.7	685.7	619.2	580.4	502.9	444.8
135°	929.2	980.7	929.2	877.7	864.8	781.3	669.9	614.2	579.8	511.1	459.6
137.5°	878.0	920.1	878.0	835.8	825.3	754.7	660.5	613.4	583.4	523.5	478.6
140°	842.7	882.1	842.7	803.3	793.5	732.5	651.2	610.5	584.0	531.1	491.4
142.5°	813.6	847.5	813.6	779.8	771.3	717.7	646.2	610.5	586.1	537.4	500.8
145°	770.0	795.6	770.0	744.3	737.9	694.1	635.6	606.4	586.2	545.7	515.3
147.5°	736.4	757.7	736.4	715.1	709.8	675.3	629.4	606.4	590.2	557.7	533.4
150°	715.3	732.5	715.3	698.1	693.8	664.7	625.8	606.4	592.3	564.1	542.9
152.5°	697.3	710.3	697.3	684.3	681.0	656.1	623.0	606.4	593.7	568.2	549.1
155°	676.5	685.1	676.5	667.9	665.7	645.9	619.6	606.4	596.7	577.3	562.7
157.5°	660.1	666.1	660.1	654.0	652.5	637.1	616.6	606.4	599.7	586.3	576.3
160°	650.3	653.8	650.3	646.8	645.9	632.7	615.2	606.4	601.1	590.5	582.5
162.5°	643.9	647.2	643.9	640.6	639.8	628.7	613.8	606.4	602.6	594.9	589.1
165°	634.6	638.1	634.6	631.2	630.3	622.3	611.7	606.4	604.6	601.1	598.5
167.5°	628.0	629.5	628.0	626.6	626.2	621.0	614.0	610.5	609.0	606.1	603.9
170°	626.2	626.2	626.2	626.2	626.2	621.0	614.0	610.5	610.4	610.2	610.1
172.5°	621.3	620.0	621.3	622.6	622.9	618.8	613.3	610.5	610.5	610.5	610.5
175°	618.3	618.3	618.3	618.3	618.3	615.7	612.2	610.5	611.3	613.0	614.2
177.5°	615.7	614.2	615.7	617.1	617.5	615.4	612.7	611.3	611.9	613.2	614.2
180°	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2



TEST NUMBER: P934516

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3627.9	3607.6	3607.6	3573.8	3560.3	3550.1	3533.2	3482.4	3468.9	3455.3	3475.7
5°	3658.4	3621.2	3594.1	3533.2	3482.4	3462.1	3397.8	3276.0	3194.8	3133.8	3100.0
7.5°	3665.2	3617.8	3567.0	3472.3	3350.4	3296.3	3100.0	2876.6	2815.7	2761.6	2727.7
10°	3658.4	3604.3	3533.2	3391.0	3103.4	3008.6	2812.3	2666.8	2629.6	2619.4	2629.6
12.5°	3634.7	3583.9	3485.8	3248.9	2846.2	2781.9	2666.8	2582.2	2575.4	2592.4	2683.7
15°	3594.1	3546.7	3431.7	3059.4	2704.0	2656.7	2575.4	2545.0	2582.2	2700.7	2974.8
17.5°	3553.5	3499.3	3357.2	2873.3	2595.7	2561.9	2504.4	2565.3	2775.1	2934.2	3025.5
20°	3499.3	3435.0	3272.6	2737.9	2517.9	2487.4	2460.4	2734.5	2893.6	2951.1	3001.9
22.5°	3435.0	3367.4	3157.5	2643.1	2436.7	2413.0	2429.9	2829.3	2893.6	2934.2	2978.2
25°	3350.4	3292.9	3022.2	2568.7	2372.4	2345.3	2409.6	2819.1	2856.3	2866.5	2954.5
27.5°	3272.6	3198.1	2880.0	2501.0	2294.5	2284.4	2426.5	2775.1	2802.2	2812.3	2907.1
30°	3177.8	3066.2	2721.0	2429.9	2213.3	2209.9	2429.9	2721.0	2714.2	2741.3	2836.0
32.5°	3079.7	2869.9	2541.6	2341.9	2135.5	2132.1	2406.2	2639.7	2633.0	2670.2	2741.3
35°	2988.3	2717.6	2297.9	2240.4	2037.3	2040.7	2348.7	2545.0	2548.4	2582.2	2626.2
37.5°	2893.6	2585.6	2030.6	2128.7	1942.6	1942.6	2270.8	2457.0	2450.2	2460.4	2521.3
40°	2781.9	2379.1	1793.7	1983.2	1854.6	1844.4	2176.1	2362.2	2338.5	2335.2	2419.8
42.5°	2663.4	2152.4	1617.7	1790.3	1753.1	1739.5	2061.0	2247.2	2203.2	2213.3	2321.6
45°	2534.8	2091.5	1482.3	1512.8	1648.1	1638.0	1935.8	2115.2	2084.7	2111.8	2223.5
47.5°	2406.2	1969.6	1438.3	1255.6	1536.5	1533.1	1797.1	1986.6	1969.6	1996.7	2115.2
50°	2230.2	1834.3	1434.9	1076.2	1411.2	1424.8	1631.2	1861.4	1861.4	1885.0	2010.3
52.5°	2003.5	1668.4	1302.9	974.7	1265.7	1306.3	1485.7	1753.1	1759.8	1783.5	1895.2
55°	1797.1	1495.9	1208.2	896.8	1093.1	1181.1	1343.6	1641.4	1654.9	1678.6	1780.1
57.5°	1607.5	1245.4	1187.9	805.5	934.1	1018.7	1218.3	1533.1	1539.8	1560.2	1658.3
60°	1404.5	900.2	1089.7	707.3	795.3	859.6	1103.3	1404.5	1428.2	1441.7	1526.3
62.5°	1174.3	653.2	988.2	639.6	727.6	741.2	1008.5	1282.6	1313.1	1323.3	1374.0
65°	835.9	548.3	839.3	582.1	656.5	659.9	907.0	1157.4	1184.5	1201.4	1238.6
67.5°	565.2	446.7	639.6	527.9	602.4	605.8	808.8	1011.9	1049.1	1062.7	1086.4
70°	392.6	297.8	473.8	470.4	541.5	548.3	703.9	879.9	913.8	923.9	937.4
72.5°	287.7	240.3	392.6	423.0	477.2	484.0	595.6	731.0	764.8	775.0	781.8
75°	220.0	253.8	318.1	368.9	406.1	409.5	487.3	595.6	619.3	626.1	629.5
77.5°	176.0	236.9	233.5	297.8	331.7	324.9	382.4	460.3	480.6	480.6	480.6
80°	132.0	186.1	176.0	213.2	243.7	236.9	274.1	328.3	335.0	341.8	338.4
82.5°	98.1	118.4	118.4	135.4	162.4	155.7	182.8	213.2	213.2	213.2	220.0
85°	60.9	67.7	54.1	71.1	91.4	88.0	101.5	115.1	118.4	118.4	111.7
87.5°	37.2	30.5	16.9	27.1	40.6	40.6	47.4	50.8	47.4	47.4	47.4
90°	10.7	7.4	4.1	7.4	10.7	11.5	18.1	26.9	31.3	27.8	20.9
92.5°	72.6	44.5	16.5	44.5	72.6	79.6	111.9	154.9	176.4	154.6	111.0
95°	142.2	90.9	39.6	90.9	142.2	155.0	275.2	435.5	515.7	460.2	349.2
97.5°	158.9	113.6	68.4	113.6	158.9	170.2	370.7	638.0	771.7	736.6	666.4
100°	172.7	131.7	90.7	131.7	172.7	183.0	405.5	702.1	850.4	853.0	858.1
102.5°	186.2	148.0	109.7	148.0	186.2	195.8	421.4	722.3	872.7	917.4	1006.8
105°	206.7	174.2	141.8	174.2	206.7	214.8	433.3	724.6	870.2	970.4	1170.9
107.5°	235.2	205.0	174.8	205.0	235.2	242.8	435.4	692.3	820.7	960.5	1240.1
110°	251.7	224.3	197.0	224.3	251.7	258.5	432.2	663.7	779.5	935.8	1248.3



TEST NUMBER: P934516

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	270.9	244.9	218.9	244.9	270.9	277.4	432.3	638.8	742.0	901.9	1221.8
115°	299.9	275.9	251.9	275.9	299.9	305.9	436.3	610.2	697.1	851.2	1159.3
117.5°	328.0	306.2	284.4	306.2	328.0	333.5	444.4	592.2	666.1	805.2	1083.3
120°	344.5	323.9	303.4	323.9	344.5	349.6	451.0	586.2	653.8	780.8	1034.9
122.5°	363.3	342.6	321.9	342.6	363.3	368.5	460.4	583.0	644.3	758.7	987.6
125°	388.1	369.2	350.4	369.2	388.1	392.8	473.2	580.4	634.0	731.2	925.6
127.5°	411.5	392.5	373.5	392.5	411.5	416.3	486.0	578.9	625.3	708.8	875.7
130°	426.9	406.3	385.8	406.3	426.9	432.0	495.3	579.8	622.0	696.3	844.9
132.5°	439.7	419.1	398.6	419.1	439.7	444.8	502.9	580.4	619.2	685.7	818.7
135°	454.9	436.3	417.6	436.3	454.9	459.6	511.1	579.8	614.2	669.9	781.3
137.5°	474.0	455.5	437.0	455.5	474.0	478.6	523.5	583.4	613.4	660.5	754.7
140°	487.1	470.1	453.0	470.1	487.1	491.4	531.1	584.0	610.5	651.2	732.5
142.5°	496.9	481.1	465.4	481.1	496.9	500.8	537.4	586.1	610.5	646.2	717.7
145°	511.9	498.1	484.4	498.1	511.9	515.3	545.7	586.2	606.4	635.6	694.1
147.5°	530.1	516.7	503.3	516.7	530.1	533.4	557.7	590.2	606.4	629.4	675.3
150°	539.9	527.8	515.7	527.8	539.9	542.9	564.1	592.3	606.4	625.8	664.7
152.5°	546.8	537.7	528.5	537.7	546.8	549.1	568.2	593.7	606.4	623.0	656.1
155°	561.0	554.2	547.4	554.2	561.0	562.7	577.3	596.7	606.4	619.6	645.9
157.5°	574.6	568.0	561.4	568.0	574.6	576.3	586.3	599.7	606.4	616.6	637.1
160°	581.2	576.1	570.9	576.1	581.2	582.5	590.5	601.1	606.4	615.2	632.7
162.5°	588.1	584.3	580.4	584.3	588.1	589.1	594.9	602.6	606.4	613.8	628.7
165°	597.6	594.2	590.7	594.2	597.6	598.5	601.1	604.6	606.4	611.7	622.3
167.5°	603.5	601.8	600.2	601.8	603.5	603.9	606.1	609.0	610.5	614.0	621.0
170°	609.7	608.0	606.4	608.0	609.7	610.1	610.2	610.4	610.5	614.0	621.0
172.5°	610.4	610.1	609.7	610.1	610.4	610.5	610.5	610.5	610.5	613.3	618.8
175°	614.2	614.2	614.2	614.2	614.2	614.2	613.0	611.3	610.5	612.2	615.7
177.5°	614.2	614.2	614.2	614.2	614.2	614.2	613.2	611.9	611.3	612.7	615.4
180°	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2



TEST NUMBER: P934516
 CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3452.0	3441.8	3455.3	3418.1	3455.3	3441.8	3452.0	3475.7	3455.3	3468.9	3482.4
5°	3028.9	3012.0	2957.9	2913.9	2957.9	3012.0	3028.9	3100.0	3133.8	3194.8	3276.0
7.5°	2707.4	2693.9	2680.3	2653.3	2680.3	2693.9	2707.4	2727.7	2761.6	2815.7	2876.6
10°	2636.4	2639.7	2660.0	2656.7	2660.0	2639.7	2636.4	2629.6	2619.4	2629.6	2666.8
12.5°	2819.1	2849.6	2961.2	2954.5	2961.2	2849.6	2819.1	2683.7	2592.4	2575.4	2582.2
15°	3028.9	3039.1	3062.8	3066.2	3062.8	3039.1	3028.9	2974.8	2700.7	2582.2	2545.0
17.5°	3049.2	3052.6	3069.5	3069.5	3069.5	3052.6	3049.2	3025.5	2934.2	2775.1	2565.3
20°	3032.3	3039.1	3072.9	3079.7	3072.9	3039.1	3032.3	3001.9	2951.1	2893.6	2734.5
22.5°	3025.5	3039.1	3066.2	3062.8	3066.2	3039.1	3025.5	2978.2	2934.2	2893.6	2829.3
25°	2991.7	2991.7	2995.1	2998.5	2995.1	2991.7	2991.7	2954.5	2866.5	2856.3	2819.1
27.5°	2920.6	2927.4	2947.7	2944.3	2947.7	2927.4	2920.6	2907.1	2812.3	2802.2	2775.1
30°	2856.3	2849.6	2832.6	2819.1	2832.6	2849.6	2856.3	2836.0	2741.3	2714.2	2721.0
32.5°	2748.0	2731.1	2714.2	2704.0	2714.2	2731.1	2748.0	2741.3	2670.2	2633.0	2639.7
35°	2619.4	2622.8	2619.4	2609.3	2619.4	2622.8	2619.4	2626.2	2582.2	2548.4	2545.0
37.5°	2528.1	2534.8	2531.4	2517.9	2531.4	2534.8	2528.1	2521.3	2460.4	2450.2	2457.0
40°	2433.3	2436.7	2433.3	2423.1	2433.3	2436.7	2433.3	2419.8	2335.2	2338.5	2362.2
42.5°	2341.9	2338.5	2328.4	2321.6	2328.4	2338.5	2341.9	2321.6	2213.3	2203.2	2247.2
45°	2237.0	2240.4	2220.1	2209.9	2220.1	2240.4	2237.0	2223.5	2111.8	2084.7	2115.2
47.5°	2132.1	2132.1	2115.2	2105.0	2115.2	2132.1	2132.1	2115.2	1996.7	1969.6	1986.6
50°	2020.4	2017.0	1993.3	1990.0	1993.3	2017.0	2020.4	2010.3	1885.0	1861.4	1861.4
52.5°	1891.8	1891.8	1895.2	1902.0	1895.2	1891.8	1891.8	1895.2	1783.5	1759.8	1753.1
55°	1780.1	1783.5	1807.2	1814.0	1807.2	1783.5	1780.1	1780.1	1678.6	1654.9	1641.4
57.5°	1665.1	1665.1	1682.0	1682.0	1682.0	1665.1	1665.1	1658.3	1560.2	1539.8	1533.1
60°	1533.1	1539.8	1553.4	1550.0	1553.4	1539.8	1533.1	1526.3	1441.7	1428.2	1404.5
62.5°	1394.3	1401.1	1404.5	1397.7	1404.5	1401.1	1394.3	1374.0	1323.3	1313.1	1282.6
65°	1248.8	1255.6	1259.0	1252.2	1259.0	1255.6	1248.8	1238.6	1201.4	1184.5	1157.4
67.5°	1099.9	1096.5	1093.1	1106.7	1093.1	1096.5	1099.9	1086.4	1062.7	1049.1	1011.9
70°	947.6	947.6	944.2	951.0	944.2	947.6	947.6	937.4	923.9	913.8	879.9
72.5°	785.2	781.8	795.3	785.2	795.3	781.8	785.2	781.8	775.0	764.8	731.0
75°	626.1	632.9	626.1	636.2	626.1	632.9	626.1	629.5	626.1	619.3	595.6
77.5°	477.2	484.0	477.2	477.2	477.2	484.0	477.2	480.6	480.6	480.6	460.3
80°	338.4	335.0	335.0	331.7	335.0	335.0	338.4	338.4	341.8	335.0	328.3
82.5°	216.6	213.2	213.2	220.0	213.2	213.2	216.6	220.0	213.2	213.2	213.2
85°	118.4	121.8	115.1	115.1	115.1	121.8	118.4	111.7	118.4	118.4	115.1
87.5°	44.0	40.6	40.6	40.6	40.6	40.6	44.0	47.4	47.4	47.4	50.8
90°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	20.9	27.8	31.3	26.9
92.5°	78.3	75.2	62.7	50.3	62.7	75.2	78.3	111.0	154.6	176.4	154.9
95°	265.9	256.5	218.7	181.0	218.7	256.5	265.9	349.2	460.2	515.7	435.5
97.5°	613.8	595.8	524.0	452.2	524.0	595.8	613.8	666.4	736.6	771.7	638.0
100°	861.9	840.5	755.0	669.4	755.0	840.5	861.9	858.1	853.0	850.4	702.1
102.5°	1073.8	1055.5	982.2	908.9	982.2	1055.5	1073.8	1006.8	917.4	872.7	722.3
105°	1321.2	1311.3	1271.9	1232.5	1271.9	1311.3	1321.2	1170.9	970.4	870.2	724.6
107.5°	1449.8	1452.2	1461.7	1471.2	1461.7	1452.2	1449.8	1240.1	960.5	820.7	692.3
110°	1482.7	1493.0	1534.0	1575.1	1534.0	1493.0	1482.7	1248.3	935.8	779.5	663.7



TEST NUMBER: P934516

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1461.7	1477.5	1540.5	1603.5	1540.5	1477.5	1461.7	1221.8	901.9	742.0	638.8
115°	1390.4	1412.2	1499.6	1587.0	1499.6	1412.2	1390.4	1159.3	851.2	697.1	610.2
117.5°	1291.9	1316.1	1413.1	1510.0	1413.1	1316.1	1291.9	1083.3	805.2	666.1	592.2
120°	1225.5	1249.0	1343.2	1437.4	1343.2	1249.0	1225.5	1034.9	780.8	653.8	586.2
122.5°	1159.2	1182.4	1275.3	1368.2	1275.3	1182.4	1159.2	987.6	758.7	644.3	583.0
125°	1071.4	1092.8	1178.3	1263.9	1178.3	1092.8	1071.4	925.6	731.2	634.0	580.4
127.5°	1000.9	1018.9	1091.1	1163.3	1091.1	1018.9	1000.9	875.7	708.8	625.3	578.9
130°	956.3	973.0	1039.7	1106.4	1039.7	973.0	956.3	844.9	696.3	622.0	579.8
132.5°	918.4	933.3	993.1	1052.8	993.1	933.3	918.4	818.7	685.7	619.2	580.4
135°	864.8	877.7	929.2	980.7	929.2	877.7	864.8	781.3	669.9	614.2	579.8
137.5°	825.3	835.8	878.0	920.1	878.0	835.8	825.3	754.7	660.5	613.4	583.4
140°	793.5	803.3	842.7	882.1	842.7	803.3	793.5	732.5	651.2	610.5	584.0
142.5°	771.3	779.8	813.6	847.5	813.6	779.8	771.3	717.7	646.2	610.5	586.1
145°	737.9	744.3	770.0	795.6	770.0	744.3	737.9	694.1	635.6	606.4	586.2
147.5°	709.8	715.1	736.4	757.7	736.4	715.1	709.8	675.3	629.4	606.4	590.2
150°	693.8	698.1	715.3	732.5	715.3	698.1	693.8	664.7	625.8	606.4	592.3
152.5°	681.0	684.3	697.3	710.3	697.3	684.3	681.0	656.1	623.0	606.4	593.7
155°	665.7	667.9	676.5	685.1	676.5	667.9	665.7	645.9	619.6	606.4	596.7
157.5°	652.5	654.0	660.1	666.1	660.1	654.0	652.5	637.1	616.6	606.4	599.7
160°	645.9	646.8	650.3	653.8	650.3	646.8	645.9	632.7	615.2	606.4	601.1
162.5°	639.8	640.6	643.9	647.2	643.9	640.6	639.8	628.7	613.8	606.4	602.6
165°	630.3	631.2	634.6	638.1	634.6	631.2	630.3	622.3	611.7	606.4	604.6
167.5°	626.2	626.6	628.0	629.5	628.0	626.6	626.2	621.0	614.0	610.5	609.0
170°	626.2	626.2	626.2	626.2	626.2	626.2	626.2	621.0	614.0	610.5	610.4
172.5°	622.9	622.6	621.3	620.0	621.3	622.6	622.9	618.8	613.3	610.5	610.5
175°	618.3	618.3	618.3	618.3	618.3	618.3	618.3	615.7	612.2	610.5	611.3
177.5°	617.5	617.1	615.7	614.2	615.7	617.1	617.5	615.4	612.7	611.3	611.9
180°	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2



TEST NUMBER: P934516

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3533.2	3550.1	3560.3	3573.8	3607.6
5°	3397.8	3462.1	3482.4	3533.2	3594.1
7.5°	3100.0	3296.3	3350.4	3472.3	3567.0
10°	2812.3	3008.6	3103.4	3391.0	3533.2
12.5°	2666.8	2781.9	2846.2	3248.9	3485.8
15°	2575.4	2656.7	2704.0	3059.4	3431.7
17.5°	2504.4	2561.9	2595.7	2873.3	3357.2
20°	2460.4	2487.4	2517.9	2737.9	3272.6
22.5°	2429.9	2413.0	2436.7	2643.1	3157.5
25°	2409.6	2345.3	2372.4	2568.7	3022.2
27.5°	2426.5	2284.4	2294.5	2501.0	2880.0
30°	2429.9	2209.9	2213.3	2429.9	2721.0
32.5°	2406.2	2132.1	2135.5	2341.9	2541.6
35°	2348.7	2040.7	2037.3	2240.4	2297.9
37.5°	2270.8	1942.6	1942.6	2128.7	2030.6
40°	2176.1	1844.4	1854.6	1983.2	1793.7
42.5°	2061.0	1739.5	1753.1	1790.3	1617.7
45°	1935.8	1638.0	1648.1	1512.8	1482.3
47.5°	1797.1	1533.1	1536.5	1255.6	1438.3
50°	1631.2	1424.8	1411.2	1076.2	1434.9
52.5°	1485.7	1306.3	1265.7	974.7	1302.9
55°	1343.6	1181.1	1093.1	896.8	1208.2
57.5°	1218.3	1018.7	934.1	805.5	1187.9
60°	1103.3	859.6	795.3	707.3	1089.7
62.5°	1008.5	741.2	727.6	639.6	988.2
65°	907.0	659.9	656.5	582.1	839.3
67.5°	808.8	605.8	602.4	527.9	639.6
70°	703.9	548.3	541.5	470.4	473.8
72.5°	595.6	484.0	477.2	423.0	392.6
75°	487.3	409.5	406.1	368.9	318.1
77.5°	382.4	324.9	331.7	297.8	233.5
80°	274.1	236.9	243.7	213.2	176.0
82.5°	182.8	155.7	162.4	135.4	118.4
85°	101.5	88.0	91.4	71.1	54.1
87.5°	47.4	40.6	40.6	27.1	16.9
90°	18.1	11.5	10.7	7.4	4.1
92.5°	111.9	79.6	72.6	44.5	16.5
95°	275.2	155.0	142.2	90.9	39.6
97.5°	370.7	170.2	158.9	113.6	68.4
100°	405.5	183.0	172.7	131.7	90.7
102.5°	421.4	195.8	186.2	148.0	109.7
105°	433.3	214.8	206.7	174.2	141.8
107.5°	435.4	242.8	235.2	205.0	174.8
110°	432.2	258.5	251.7	224.3	197.0



TEST NUMBER: P934516

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	432.3	277.4	270.9	244.9	218.9
115°	436.3	305.9	299.9	275.9	251.9
117.5°	444.4	333.5	328.0	306.2	284.4
120°	451.0	349.6	344.5	323.9	303.4
122.5°	460.4	368.5	363.3	342.6	321.9
125°	473.2	392.8	388.1	369.2	350.4
127.5°	486.0	416.3	411.5	392.5	373.5
130°	495.3	432.0	426.9	406.3	385.8
132.5°	502.9	444.8	439.7	419.1	398.6
135°	511.1	459.6	454.9	436.3	417.6
137.5°	523.5	478.6	474.0	455.5	437.0
140°	531.1	491.4	487.1	470.1	453.0
142.5°	537.4	500.8	496.9	481.1	465.4
145°	545.7	515.3	511.9	498.1	484.4
147.5°	557.7	533.4	530.1	516.7	503.3
150°	564.1	542.9	539.9	527.8	515.7
152.5°	568.2	549.1	546.8	537.7	528.5
155°	577.3	562.7	561.0	554.2	547.4
157.5°	586.3	576.3	574.6	568.0	561.4
160°	590.5	582.5	581.2	576.1	570.9
162.5°	594.9	589.1	588.1	584.3	580.4
165°	601.1	598.5	597.6	594.2	590.7
167.5°	606.1	603.9	603.5	601.8	600.2
170°	610.2	610.1	609.7	608.0	606.4
172.5°	610.5	610.5	610.4	610.1	609.7
175°	613.0	614.2	614.2	614.2	614.2
177.5°	613.2	614.2	614.2	614.2	614.2
180°	614.2	614.2	614.2	614.2	614.2



TEST NUMBER: P934516
 CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-8

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	16.23	17.31	17.00	18.10	19.05	19.07	20.15	19.84	20.93	21.89
	3H	16.73	17.69	17.51	18.49	19.47	20.44	21.40	21.21	22.20	23.18
	4H	16.93	17.84	17.72	18.64	19.64	20.89	21.80	21.69	22.61	23.60
	6H	17.06	17.90	17.87	18.71	19.72	21.19	22.03	22.00	22.84	23.85
	8H	17.07	17.87	17.88	18.70	19.71	21.27	22.07	22.09	22.90	23.91
	12H	17.04	17.81	17.87	18.63	19.67	21.32	22.08	22.14	22.91	23.94
4H	2H	17.29	18.20	18.09	19.01	20.01	19.51	20.42	20.31	21.22	22.22
	3H	18.34	19.10	19.15	19.94	20.95	21.03	21.79	21.85	22.63	23.65
	4H	18.63	19.32	19.45	20.15	21.19	21.57	22.26	22.40	23.10	24.14
	6H	18.76	19.36	19.61	20.22	21.27	21.95	22.55	22.80	23.41	24.46
	8H	18.77	19.33	19.62	20.19	21.25	22.07	22.62	22.91	23.48	24.54
	12H	18.75	19.25	19.62	20.13	21.19	22.13	22.64	23.00	23.51	24.58
8H	4H	19.10	19.66	19.94	20.51	21.57	21.71	22.27	22.56	23.13	24.19
	6H	19.37	19.83	20.24	20.73	21.79	22.16	22.62	23.04	23.52	24.58
	8H	19.41	19.82	20.30	20.72	21.79	22.32	22.73	23.20	23.62	24.70
	12H	19.41	19.77	20.29	20.65	21.78	22.43	22.79	23.31	23.67	24.80
12H	4H	19.12	19.62	19.98	20.50	21.56	21.69	22.19	22.56	23.07	24.13
	6H	19.43	19.84	20.32	20.74	21.81	22.16	22.57	23.05	23.47	24.54
	8H	19.51	19.87	20.40	20.76	21.88	22.33	22.69	23.22	23.58	24.71