

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: P934520

Luminaire Tested: SQ4-FA-050U-125D-840-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934520
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-840-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

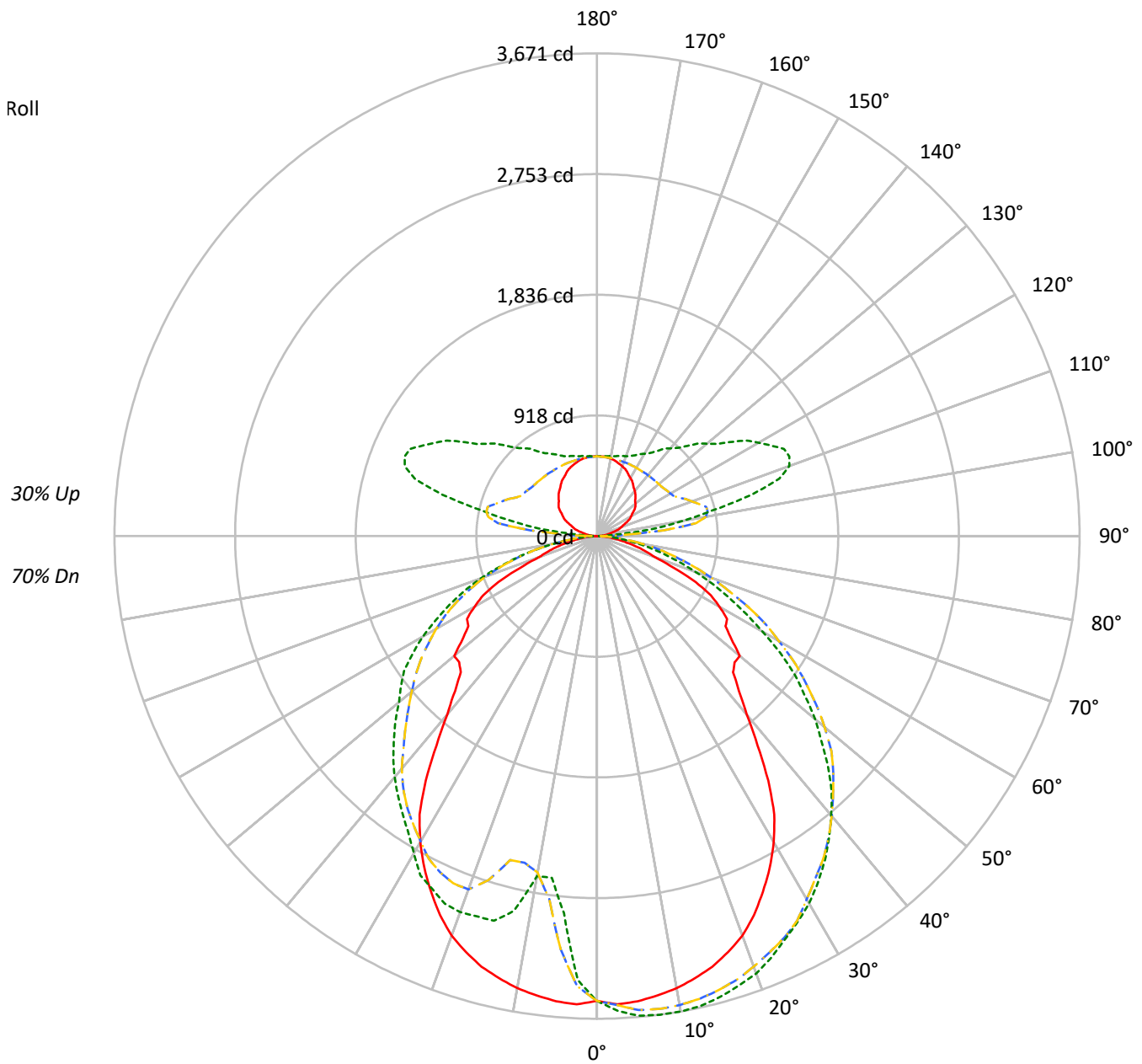
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13099.9 lumens
Efficiency: N/A
Efficacy: 117.0 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

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CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-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	
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	0
RCR																		
0	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	70
1	102	98	94	90	97	93	89	86	83	80	78	74	72	70	66	65	63	59
2	93	86	79	74	88	81	76	71	73	68	65	65	62	59	58	56	53	50
3	85	75	68	62	80	71	65	59	64	59	54	58	53	50	52	48	45	42
4	78	67	58	52	73	63	56	50	57	51	46	51	47	43	46	42	39	36
5	72	60	51	45	67	57	49	43	51	45	40	46	41	37	41	37	34	31
6	66	53	45	39	62	51	43	38	46	40	35	42	36	32	38	33	30	27
7	61	48	40	34	58	46	39	33	42	36	31	38	33	29	34	30	27	24
8	57	44	36	30	54	42	35	29	38	32	28	35	29	26	31	27	24	22
9	53	40	32	27	50	38	31	26	35	29	25	32	27	23	29	25	21	19
10	49	37	30	25	47	35	28	24	32	26	22	30	25	21	27	23	19	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16398	16398	16398	16398
5°	16520	16553	16520	13015
10°	16410	16305	16410	11657
15°	16231	15952	16231	13320
20°	15892	15533	15892	13348
25°	15197	14923	15197	13065
30°	14299	14416	14299	12444
35°	12747	13775	12747	11762
40°	10622	13021	10622	11246
45°	9491	12137	9491	10653
50°	10083	11084	10083	10058
55°	9486	9949	9486	9713
60°	9778	8450	9778	8897
65°	8866	6985	8866	7808
70°	6139	5566	6139	6545
75°	5383	4114	5383	4927
80°	4339	2720	4339	2962
85°	2492	1441	2492	1225

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14546 cd/sqm



TEST NUMBER: P934520

CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-8

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	319.0	2.4
10°-20°	905.8	6.9
20°-30°	1400.2	10.7
30°-40°	1671.6	12.8
40°-50°	1681.4	12.8
50°-60°	1463.0	11.2
60°-70°	1037.3	7.9
70°-80°	548.8	4.2
80°-90°	139.0	1.1
90°-100°	295.8	2.3
100°-110°	777.7	5.9
110°-120°	806.4	6.2
120°-130°	646.8	4.9
130°-140°	507.5	3.9
140°-150°	389.5	3.0
150°-160°	280.5	2.1
160°-170°	171.6	1.3
170°-180°	58.0	0.4
0°-30°	2625.1	20.0
0°-40°	4296.6	32.8
0°-60°	7441.0	56.8
0°-90°	9166.0	70.0
90°-120°	1879.9	14.4
90°-150°	3423.7	26.1
90°-180°	3934.0	30.0
0°-180°	13099.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3534	3534	3534	3534	3534	
5°	3551	3661	3551	2879	3551	337
15°	3390	3628	3390	3029	3390	954
25°	2986	3384	2986	2962	2986	1371
35°	2270	3019	2270	2578	2270	1405
45°	1464	2488	1464	2183	1464	1173
55°	1194	1836	1194	1792	1194	1097
65°	829	1107	829	1237	829	792
75°	314	525	314	629	314	330
85°	54	134	54	114	54	72
90°	4	16	4	16	4	6
95°	39	179	39	179	39	43
105°	140	1218	140	1218	140	149
115°	249	1568	249	1568	249	246
125°	346	1249	346	1249	346	307
135°	413	969	413	969	413	319
145°	479	786	479	786	479	300
155°	541	677	541	677	541	249
165°	584	630	584	630	584	165
175°	607	611	607	611	607	58
180°	607	607	607	607	607	



TEST NUMBER: P934520

CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3
2.5°	3564.3	3564.3	3584.4	3591.1	3591.1	3581.1	3571.0	3581.1	3611.1	3621.2	3617.9
5°	3551.0	3577.7	3614.5	3621.2	3627.8	3624.6	3617.9	3624.6	3658.0	3664.7	3668.0
7.5°	3524.2	3574.4	3621.2	3631.2	3641.3	3631.2	3627.8	3634.6	3668.0	3674.7	3674.7
10°	3490.8	3561.0	3614.5	3621.2	3631.2	3621.2	3621.2	3634.6	3668.0	3674.7	3678.0
12.5°	3444.0	3540.9	3591.1	3597.8	3611.1	3607.8	3604.5	3617.9	3651.3	3658.0	3658.0
15°	3390.5	3504.1	3551.0	3557.7	3581.1	3574.4	3574.4	3587.7	3624.6	3634.6	3631.2
17.5°	3316.9	3457.3	3510.9	3520.8	3537.6	3534.3	3537.6	3551.0	3584.4	3591.1	3594.4
20°	3233.3	3393.8	3457.3	3467.4	3484.1	3484.1	3484.1	3500.8	3534.3	3547.6	3547.6
22.5°	3119.6	3327.0	3393.8	3400.5	3420.6	3420.6	3427.3	3450.7	3480.7	3484.1	3484.1
25°	2985.9	3253.4	3310.2	3330.3	3350.3	3360.4	3370.5	3383.8	3393.8	3390.5	3393.8
27.5°	2845.4	3159.7	3233.3	3246.7	3273.4	3283.5	3296.9	3300.2	3303.6	3313.6	3306.8
30°	2688.3	3029.4	3139.7	3153.1	3196.6	3203.2	3189.9	3196.6	3213.3	3220.0	3226.6
32.5°	2511.1	2835.5	3042.7	3072.9	3113.0	3092.9	3089.6	3099.6	3126.3	3126.3	3133.0
35°	2270.3	2685.0	2952.4	2979.2	3009.3	2985.9	2999.3	3002.6	3019.3	3029.4	3026.0
37.5°	2006.2	2554.6	2858.9	2878.9	2902.3	2872.2	2892.3	2902.3	2915.7	2909.0	2909.0
40°	1772.2	2350.6	2748.5	2761.9	2781.9	2758.5	2778.6	2785.3	2792.0	2785.3	2781.9
42.5°	1598.3	2126.6	2631.4	2648.1	2634.8	2651.5	2658.2	2671.6	2661.6	2648.1	2648.1
45°	1464.5	2066.4	2504.4	2524.4	2504.4	2531.2	2541.2	2541.2	2511.1	2504.4	2501.0
47.5°	1421.0	1946.0	2377.3	2377.3	2367.3	2400.7	2417.4	2394.0	2364.0	2353.9	2353.9
50°	1417.7	1812.3	2203.4	2190.1	2236.9	2277.0	2260.3	2236.9	2213.5	2176.8	2176.8
52.5°	1287.3	1648.4	1979.5	2029.6	2103.2	2126.6	2099.8	2076.4	2036.3	2019.6	2006.2
55°	1193.7	1477.9	1775.5	1875.8	1952.7	1982.8	1932.6	1909.2	1849.0	1839.1	1832.3
57.5°	1173.6	1230.5	1588.2	1715.3	1808.9	1805.6	1775.5	1732.1	1681.9	1671.8	1668.5
60°	1076.6	889.4	1387.6	1538.1	1635.0	1625.1	1598.3	1558.2	1511.3	1504.6	1498.0
62.5°	976.3	645.4	1160.2	1330.7	1467.9	1464.5	1441.1	1380.9	1347.5	1330.7	1317.4
65°	829.2	541.7	825.9	1106.8	1304.1	1310.7	1260.6	1217.1	1180.3	1160.2	1156.9
67.5°	631.9	441.3	558.4	922.9	1146.9	1140.2	1076.6	1056.6	1009.8	999.8	979.7
70°	468.1	294.2	387.9	749.0	993.0	976.3	926.2	902.8	859.4	835.9	822.5
72.5°	387.9	237.4	284.2	581.8	835.9	815.9	772.4	745.6	708.9	688.8	675.4
75°	314.3	250.8	217.4	431.4	678.8	665.4	625.3	598.5	568.4	541.7	545.0
77.5°	230.7	234.1	173.9	317.6	538.4	518.3	494.9	461.4	448.1	421.3	421.3
80°	173.9	183.9	130.4	217.4	387.9	387.9	367.8	344.4	321.0	307.7	307.7
82.5°	117.0	117.0	96.9	137.1	264.2	254.1	240.8	234.1	220.7	214.0	214.0
85°	53.5	66.9	60.2	83.6	143.8	150.5	150.5	143.8	140.4	133.8	137.1
87.5°	16.7	30.1	36.8	46.8	73.6	76.9	80.2	80.2	80.2	83.6	83.6
90°	4.1	7.3	10.6	11.4	17.9	26.6	30.9	27.5	20.6	15.5	15.5
92.5°	16.3	44.0	71.7	78.6	110.6	153.0	174.3	152.7	109.7	77.4	74.3
95°	39.1	89.8	140.5	153.1	271.9	430.3	509.5	454.7	345.0	262.7	253.4
97.5°	67.6	112.2	157.0	168.2	366.3	630.3	762.4	727.8	658.4	606.4	588.7
100°	89.6	130.1	170.6	180.8	400.6	693.7	840.2	842.8	847.8	851.6	830.4
102.5°	108.4	146.2	184.0	193.5	416.3	713.6	862.2	906.4	994.7	1060.9	1042.8
105°	140.1	172.1	204.2	212.2	428.1	715.9	859.8	958.8	1156.8	1305.3	1295.6
107.5°	172.7	202.5	232.4	239.9	430.2	684.0	810.9	949.0	1225.2	1432.4	1434.8
110°	194.6	221.6	248.7	255.4	427.0	655.7	770.1	924.6	1233.3	1464.9	1475.1



TEST NUMBER: P934520

CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	216.3	242.0	267.6	274.1	427.1	631.1	733.1	891.1	1207.1	1444.2	1459.8
115°	248.9	272.6	296.3	302.2	431.1	602.9	688.7	841.0	1145.4	1373.7	1395.3
117.5°	281.0	302.5	324.1	329.5	439.1	585.1	658.1	795.5	1070.3	1276.4	1300.3
120°	299.8	320.0	340.4	345.4	445.6	579.2	646.0	771.4	1022.5	1210.8	1234.0
122.5°	318.0	338.5	358.9	364.1	454.9	576.0	636.6	749.6	975.7	1145.3	1168.2
125°	346.2	364.8	383.4	388.1	467.5	573.4	626.4	722.4	914.5	1058.5	1079.7
127.5°	369.0	387.8	406.6	411.3	480.2	572.0	617.8	700.3	865.2	988.9	1006.7
130°	381.2	401.4	421.8	426.8	489.4	572.8	614.5	687.9	834.8	944.8	961.3
132.5°	393.8	414.1	434.4	439.5	496.9	573.4	611.8	677.5	808.9	907.4	922.1
135°	412.6	431.1	449.4	454.1	505.0	572.8	606.8	661.9	771.9	854.4	867.2
137.5°	431.8	450.0	468.3	472.9	517.2	576.4	606.0	652.6	745.6	815.4	825.8
140°	447.6	464.5	481.3	485.5	524.7	577.0	603.2	643.4	723.7	784.0	793.7
142.5°	459.8	475.3	490.9	494.8	531.0	579.1	603.2	638.4	709.1	762.0	770.4
145°	478.6	492.1	505.8	509.1	539.2	579.2	599.1	628.0	685.8	729.0	735.4
147.5°	497.3	510.5	523.7	527.0	551.0	583.1	599.1	621.8	667.2	701.3	706.5
150°	509.5	521.5	533.4	536.4	557.3	585.2	599.1	618.3	656.7	685.5	689.7
152.5°	522.2	531.2	540.2	542.5	561.4	586.6	599.1	615.5	648.2	672.8	676.1
155°	540.8	547.5	554.3	555.9	570.4	589.5	599.1	612.2	638.1	657.7	659.9
157.5°	554.7	561.2	567.7	569.4	579.3	592.5	599.1	609.2	629.5	644.7	646.2
160°	564.0	569.2	574.2	575.5	583.4	593.9	599.1	607.8	625.1	638.1	639.0
162.5°	573.4	577.3	581.0	582.0	587.8	595.4	599.1	606.4	621.2	632.1	632.9
165°	583.6	587.1	590.4	591.3	593.9	597.3	599.1	604.4	614.8	622.7	623.6
167.5°	593.0	594.6	596.3	596.7	598.8	601.7	603.2	606.6	613.5	618.7	619.1
170°	599.1	600.7	602.4	602.8	602.9	603.1	603.2	606.6	613.5	618.7	618.7
172.5°	602.4	602.8	603.1	603.2	603.2	603.2	603.2	605.9	611.4	615.4	615.1
175°	606.8	606.8	606.8	606.8	605.6	604.0	603.2	604.9	608.3	610.9	610.9
177.5°	606.8	606.8	606.8	606.8	605.8	604.6	604.0	605.3	608.0	610.1	609.7
180°	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3
2.5°	3624.6	3614.5	3624.6	3617.9	3621.2	3611.1	3581.1	3571.0	3581.1	3591.1	3591.1
5°	3668.0	3661.3	3668.0	3668.0	3664.7	3658.0	3624.6	3617.9	3624.6	3627.8	3621.2
7.5°	3681.4	3671.3	3681.4	3674.7	3674.7	3668.0	3634.6	3627.8	3631.2	3641.3	3631.2
10°	3681.4	3671.3	3681.4	3678.0	3674.7	3668.0	3634.6	3621.2	3621.2	3631.2	3621.2
12.5°	3664.7	3658.0	3664.7	3658.0	3658.0	3651.3	3617.9	3604.5	3607.8	3611.1	3597.8
15°	3637.9	3627.8	3637.9	3631.2	3634.6	3624.6	3587.7	3574.4	3574.4	3581.1	3557.7
17.5°	3597.8	3584.4	3597.8	3594.4	3591.1	3584.4	3551.0	3537.6	3534.3	3537.6	3520.8
20°	3551.0	3540.9	3551.0	3547.6	3547.6	3534.3	3500.8	3484.1	3484.1	3484.1	3467.4
22.5°	3477.4	3467.4	3477.4	3484.1	3484.1	3480.7	3450.7	3427.3	3420.6	3420.6	3400.5
25°	3393.8	3383.8	3393.8	3393.8	3390.5	3393.8	3383.8	3370.5	3360.4	3350.3	3330.3
27.5°	3313.6	3306.8	3313.6	3306.8	3313.6	3303.6	3300.2	3296.9	3283.5	3273.4	3246.7
30°	3233.3	3226.6	3233.3	3226.6	3220.0	3213.3	3196.6	3189.9	3203.2	3196.6	3153.1
32.5°	3133.0	3126.3	3133.0	3133.0	3126.3	3126.3	3099.6	3089.6	3092.9	3113.0	3072.9
35°	3029.4	3019.3	3029.4	3026.0	3029.4	3019.3	3002.6	2999.3	2985.9	3009.3	2979.2
37.5°	2909.0	2899.0	2909.0	2909.0	2909.0	2915.7	2902.3	2892.3	2872.2	2902.3	2878.9
40°	2785.3	2771.9	2785.3	2781.9	2785.3	2792.0	2785.3	2778.6	2758.5	2781.9	2761.9
42.5°	2644.9	2641.5	2644.9	2648.1	2648.1	2661.6	2671.6	2658.2	2651.5	2634.8	2648.1
45°	2494.4	2487.7	2494.4	2501.0	2504.4	2511.1	2541.2	2541.2	2531.2	2504.4	2524.4
47.5°	2333.9	2317.2	2333.9	2353.9	2353.9	2364.0	2394.0	2417.4	2400.7	2367.3	2377.3
50°	2163.3	2166.7	2163.3	2176.8	2176.8	2213.5	2236.9	2260.3	2277.0	2236.9	2190.1
52.5°	1996.2	1992.8	1996.2	2006.2	2019.6	2036.3	2076.4	2099.8	2126.6	2103.2	2029.6
55°	1829.0	1835.7	1829.0	1832.3	1839.1	1849.0	1909.2	1932.6	1982.8	1952.7	1875.8
57.5°	1661.8	1651.7	1661.8	1668.5	1671.8	1681.9	1732.1	1775.5	1805.6	1808.9	1715.3
60°	1467.9	1454.5	1467.9	1498.0	1504.6	1511.3	1558.2	1598.3	1625.1	1635.0	1538.1
62.5°	1297.3	1273.9	1297.3	1317.4	1330.7	1347.5	1380.9	1441.1	1464.5	1467.9	1330.7
65°	1116.7	1106.8	1116.7	1156.9	1160.2	1180.3	1217.1	1260.6	1310.7	1304.1	1106.8
67.5°	952.9	952.9	952.9	979.7	999.8	1009.8	1056.6	1076.6	1140.2	1146.9	922.9
70°	802.5	799.1	802.5	822.5	835.9	859.4	902.8	926.2	976.3	993.0	749.0
72.5°	658.7	655.3	658.7	675.4	688.8	708.9	745.6	772.4	815.9	835.9	581.8
75°	531.6	524.9	531.6	545.0	541.7	568.4	598.5	625.3	665.4	678.8	431.4
77.5°	407.9	407.9	407.9	421.3	421.3	448.1	461.4	494.9	518.3	538.4	317.6
80°	304.3	300.9	304.3	307.7	307.7	321.0	344.4	367.8	387.9	387.9	217.4
82.5°	214.0	207.3	214.0	214.0	214.0	220.7	234.1	240.8	254.1	264.2	137.1
85°	133.8	133.8	133.8	137.1	133.8	140.4	143.8	150.5	150.5	143.8	83.6
87.5°	86.9	83.6	86.9	83.6	83.6	80.2	80.2	80.2	76.9	73.6	46.8
90°	15.5	15.5	15.5	15.5	15.5	20.6	27.5	30.9	26.6	17.9	11.4
92.5°	61.9	49.7	61.9	74.3	77.4	109.7	152.7	174.3	153.0	110.6	78.6
95°	216.1	178.8	216.1	253.4	262.7	345.0	454.7	509.5	430.3	271.9	153.1
97.5°	517.7	446.8	517.7	588.7	606.4	658.4	727.8	762.4	630.3	366.3	168.2
100°	745.9	661.4	745.9	830.4	851.6	847.8	842.8	840.2	693.7	400.6	180.8
102.5°	970.4	898.0	970.4	1042.8	1060.9	994.7	906.4	862.2	713.6	416.3	193.5
105°	1256.6	1217.7	1256.6	1295.6	1305.3	1156.8	958.8	859.8	715.9	428.1	212.2
107.5°	1444.2	1453.5	1444.2	1434.8	1432.4	1225.2	949.0	810.9	684.0	430.2	239.9
110°	1515.6	1556.2	1515.6	1475.1	1464.9	1233.3	924.6	770.1	655.7	427.0	255.4



TEST NUMBER: P934520

CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1522.0	1584.3	1522.0	1459.8	1444.2	1207.1	891.1	733.1	631.1	427.1	274.1
115°	1481.6	1568.0	1481.6	1395.3	1373.7	1145.4	841.0	688.7	602.9	431.1	302.2
117.5°	1396.1	1491.9	1396.1	1300.3	1276.4	1070.3	795.5	658.1	585.1	439.1	329.5
120°	1327.1	1420.2	1327.1	1234.0	1210.8	1022.5	771.4	646.0	579.2	445.6	345.4
122.5°	1260.0	1351.8	1260.0	1168.2	1145.3	975.7	749.6	636.6	576.0	454.9	364.1
125°	1164.2	1248.7	1164.2	1079.7	1058.5	914.5	722.4	626.4	573.4	467.5	388.1
127.5°	1078.0	1149.3	1078.0	1006.7	988.9	865.2	700.3	617.8	572.0	480.2	411.3
130°	1027.2	1093.1	1027.2	961.3	944.8	834.8	687.9	614.5	572.8	489.4	426.8
132.5°	981.2	1040.2	981.2	922.1	907.4	808.9	677.5	611.8	573.4	496.9	439.5
135°	918.0	968.9	918.0	867.2	854.4	771.9	661.9	606.8	572.8	505.0	454.1
137.5°	867.5	909.1	867.5	825.8	815.4	745.6	652.6	606.0	576.4	517.2	472.9
140°	832.6	871.5	832.6	793.7	784.0	723.7	643.4	603.2	577.0	524.7	485.5
142.5°	803.8	837.3	803.8	770.4	762.0	709.1	638.4	603.2	579.1	531.0	494.8
145°	760.8	786.1	760.8	735.4	729.0	685.8	628.0	599.1	579.2	539.2	509.1
147.5°	727.6	748.6	727.6	706.5	701.3	667.2	621.8	599.1	583.1	551.0	527.0
150°	706.7	723.7	706.7	689.7	685.5	656.7	618.3	599.1	585.2	557.3	536.4
152.5°	688.9	701.8	688.9	676.1	672.8	648.2	615.5	599.1	586.6	561.4	542.5
155°	668.4	676.9	668.4	659.9	657.7	638.1	612.2	599.1	589.5	570.4	555.9
157.5°	652.2	658.1	652.2	646.2	644.7	629.5	609.2	599.1	592.5	579.3	569.4
160°	642.5	646.0	642.5	639.0	638.1	625.1	607.8	599.1	593.9	583.4	575.5
162.5°	636.2	639.4	636.2	632.9	632.1	621.2	606.4	599.1	595.4	587.8	582.0
165°	627.0	630.4	627.0	623.6	622.7	614.8	604.4	599.1	597.3	593.9	591.3
167.5°	620.5	621.9	620.5	619.1	618.7	613.5	606.6	603.2	601.7	598.8	596.7
170°	618.7	618.7	618.7	618.7	618.7	613.5	606.6	603.2	603.1	602.9	602.8
172.5°	613.8	612.6	613.8	615.1	615.4	611.4	605.9	603.2	603.2	603.2	603.2
175°	610.9	610.9	610.9	610.9	610.9	608.3	604.9	603.2	604.0	605.6	606.8
177.5°	608.3	606.8	608.3	609.7	610.1	608.0	605.3	604.0	604.6	605.8	606.8
180°	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8



TEST NUMBER: P934520
 CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3
2.5°	3584.4	3564.3	3564.3	3530.9	3517.6	3507.5	3490.8	3440.6	3427.3	3413.8	3434.0
5°	3614.5	3577.7	3551.0	3490.8	3440.6	3420.6	3357.0	3236.7	3156.5	3096.2	3062.8
7.5°	3621.2	3574.4	3524.2	3430.6	3310.2	3256.7	3062.8	2842.1	2781.9	2728.5	2695.0
10°	3614.5	3561.0	3490.8	3350.3	3066.2	2972.5	2778.6	2634.8	2598.0	2588.0	2598.0
12.5°	3591.1	3540.9	3444.0	3209.9	2812.0	2748.5	2634.8	2551.2	2544.5	2561.3	2651.5
15°	3551.0	3504.1	3390.5	3022.7	2671.6	2624.8	2544.5	2514.5	2551.2	2668.3	2939.1
17.5°	3510.9	3457.3	3316.9	2838.8	2564.6	2531.2	2474.3	2534.5	2741.8	2899.0	2989.2
20°	3457.3	3393.8	3233.3	2705.0	2487.7	2457.6	2430.9	2701.7	2858.9	2915.7	2965.9
22.5°	3393.8	3327.0	3119.6	2611.4	2407.5	2384.0	2400.7	2795.3	2858.9	2899.0	2942.5
25°	3310.2	3253.4	2985.9	2537.9	2343.9	2317.2	2380.7	2785.3	2822.0	2832.1	2919.0
27.5°	3233.3	3159.7	2845.4	2471.0	2267.0	2257.0	2397.4	2741.8	2768.6	2778.6	2872.2
30°	3139.7	3029.4	2688.3	2400.7	2186.7	2183.4	2400.7	2688.3	2681.6	2708.4	2802.0
32.5°	3042.7	2835.5	2511.1	2313.8	2109.9	2106.5	2377.3	2608.0	2601.4	2638.2	2708.4
35°	2952.4	2685.0	2270.3	2213.5	2012.9	2016.2	2320.5	2514.5	2517.8	2551.2	2594.7
37.5°	2858.9	2554.6	2006.2	2103.2	1919.3	1919.3	2243.6	2427.5	2420.8	2430.9	2491.0
40°	2748.5	2350.6	1772.2	1959.4	1832.3	1822.3	2150.0	2333.9	2310.4	2307.2	2390.8
42.5°	2631.4	2126.6	1598.3	1768.8	1732.1	1718.6	2036.3	2220.2	2176.8	2186.7	2293.7
45°	2504.4	2066.4	1464.5	1494.6	1628.3	1618.3	1912.6	2089.8	2059.7	2086.5	2196.8
47.5°	2377.3	1946.0	1421.0	1240.5	1518.1	1514.7	1775.5	1962.8	1946.0	1972.7	2089.8
50°	2203.4	1812.3	1417.7	1063.3	1394.3	1407.7	1611.6	1839.1	1839.1	1862.4	1986.2
52.5°	1979.5	1648.4	1287.3	963.0	1250.5	1290.6	1467.9	1732.1	1738.7	1762.1	1872.5
55°	1775.5	1477.9	1193.7	886.0	1080.0	1166.9	1327.5	1621.7	1635.0	1658.5	1758.7
57.5°	1588.2	1230.5	1173.6	795.8	922.9	1006.5	1203.7	1514.7	1521.3	1541.5	1638.4
60°	1387.6	889.4	1076.6	698.8	785.8	849.3	1090.1	1387.6	1411.1	1424.4	1508.0
62.5°	1160.2	645.4	976.3	631.9	718.9	732.3	996.4	1267.2	1297.3	1307.4	1357.5
65°	825.9	541.7	829.2	575.1	648.6	652.0	896.1	1143.5	1170.3	1187.0	1223.7
67.5°	558.4	441.3	631.9	521.6	595.2	598.5	799.1	999.8	1036.5	1049.9	1073.4
70°	387.9	294.2	468.1	464.8	535.0	541.7	695.5	869.3	902.8	912.8	926.2
72.5°	284.2	237.4	387.9	417.9	471.5	478.2	588.5	722.2	755.6	765.7	772.4
75°	217.4	250.8	314.3	364.5	401.2	404.6	481.5	588.5	611.9	618.6	621.9
77.5°	173.9	234.1	230.7	294.2	327.7	321.0	377.8	454.8	474.8	474.8	474.8
80°	130.4	183.9	173.9	210.6	240.8	234.1	270.8	324.4	331.0	337.7	334.3
82.5°	96.9	117.0	117.0	133.8	160.5	153.8	180.6	210.6	210.6	210.6	217.4
85°	60.2	66.9	53.5	70.2	90.3	86.9	100.3	113.7	117.0	117.0	110.4
87.5°	36.8	30.1	16.7	26.8	40.1	40.1	46.8	50.2	46.8	46.8	46.8
90°	10.6	7.3	4.1	7.3	10.6	11.4	17.9	26.6	30.9	27.5	20.6
92.5°	71.7	44.0	16.3	44.0	71.7	78.6	110.6	153.0	174.3	152.7	109.7
95°	140.5	89.8	39.1	89.8	140.5	153.1	271.9	430.3	509.5	454.7	345.0
97.5°	157.0	112.2	67.6	112.2	157.0	168.2	366.3	630.3	762.4	727.8	658.4
100°	170.6	130.1	89.6	130.1	170.6	180.8	400.6	693.7	840.2	842.8	847.8
102.5°	184.0	146.2	108.4	146.2	184.0	193.5	416.3	713.6	862.2	906.4	994.7
105°	204.2	172.1	140.1	172.1	204.2	212.2	428.1	715.9	859.8	958.8	1156.8
107.5°	232.4	202.5	172.7	202.5	232.4	239.9	430.2	684.0	810.9	949.0	1225.2
110°	248.7	221.6	194.6	221.6	248.7	255.4	427.0	655.7	770.1	924.6	1233.3



TEST NUMBER: P934520

CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	267.6	242.0	216.3	242.0	267.6	274.1	427.1	631.1	733.1	891.1	1207.1
115°	296.3	272.6	248.9	272.6	296.3	302.2	431.1	602.9	688.7	841.0	1145.4
117.5°	324.1	302.5	281.0	302.5	324.1	329.5	439.1	585.1	658.1	795.5	1070.3
120°	340.4	320.0	299.8	320.0	340.4	345.4	445.6	579.2	646.0	771.4	1022.5
122.5°	358.9	338.5	318.0	338.5	358.9	364.1	454.9	576.0	636.6	749.6	975.7
125°	383.4	364.8	346.2	364.8	383.4	388.1	467.5	573.4	626.4	722.4	914.5
127.5°	406.6	387.8	369.0	387.8	406.6	411.3	480.2	572.0	617.8	700.3	865.2
130°	421.8	401.4	381.2	401.4	421.8	426.8	489.4	572.8	614.5	687.9	834.8
132.5°	434.4	414.1	393.8	414.1	434.4	439.5	496.9	573.4	611.8	677.5	808.9
135°	449.4	431.1	412.6	431.1	449.4	454.1	505.0	572.8	606.8	661.9	771.9
137.5°	468.3	450.0	431.8	450.0	468.3	472.9	517.2	576.4	606.0	652.6	745.6
140°	481.3	464.5	447.6	464.5	481.3	485.5	524.7	577.0	603.2	643.4	723.7
142.5°	490.9	475.3	459.8	475.3	490.9	494.8	531.0	579.1	603.2	638.4	709.1
145°	505.8	492.1	478.6	492.1	505.8	509.1	539.2	579.2	599.1	628.0	685.8
147.5°	523.7	510.5	497.3	510.5	523.7	527.0	551.0	583.1	599.1	621.8	667.2
150°	533.4	521.5	509.5	521.5	533.4	536.4	557.3	585.2	599.1	618.3	656.7
152.5°	540.2	531.2	522.2	531.2	540.2	542.5	561.4	586.6	599.1	615.5	648.2
155°	554.3	547.5	540.8	547.5	554.3	555.9	570.4	589.5	599.1	612.2	638.1
157.5°	567.7	561.2	554.7	561.2	567.7	569.4	579.3	592.5	599.1	609.2	629.5
160°	574.2	569.2	564.0	569.2	574.2	575.5	583.4	593.9	599.1	607.8	625.1
162.5°	581.0	577.3	573.4	577.3	581.0	582.0	587.8	595.4	599.1	606.4	621.2
165°	590.4	587.1	583.6	587.1	590.4	591.3	593.9	597.3	599.1	604.4	614.8
167.5°	596.3	594.6	593.0	594.6	596.3	596.7	598.8	601.7	603.2	606.6	613.5
170°	602.4	600.7	599.1	600.7	602.4	602.8	602.9	603.1	603.2	606.6	613.5
172.5°	603.1	602.8	602.4	602.8	603.1	603.2	603.2	603.2	603.2	605.9	611.4
175°	606.8	606.8	606.8	606.8	606.8	606.8	605.6	604.0	603.2	604.9	608.3
177.5°	606.8	606.8	606.8	606.8	606.8	606.8	605.8	604.6	604.0	605.3	608.0
180°	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8



TEST NUMBER: P934520
 CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3
2.5°	3410.6	3400.5	3413.8	3377.1	3413.8	3400.5	3410.6	3434.0	3413.8	3427.3	3440.6
5°	2992.6	2975.9	2922.4	2878.9	2922.4	2975.9	2992.6	3062.8	3096.2	3156.5	3236.7
7.5°	2674.9	2661.6	2648.1	2621.5	2648.1	2661.6	2674.9	2695.0	2728.5	2781.9	2842.1
10°	2604.8	2608.0	2628.1	2624.8	2628.1	2608.0	2604.8	2598.0	2588.0	2598.0	2634.8
12.5°	2785.3	2815.4	2925.7	2919.0	2925.7	2815.4	2785.3	2651.5	2561.3	2544.5	2551.2
15°	2992.6	3002.6	3026.0	3029.4	3026.0	3002.6	2992.6	2939.1	2668.3	2551.2	2514.5
17.5°	3012.6	3016.0	3032.7	3032.7	3032.7	3016.0	3012.6	2989.2	2899.0	2741.8	2534.5
20°	2995.9	3002.6	3036.0	3042.7	3036.0	3002.6	2995.9	2965.9	2915.7	2858.9	2701.7
22.5°	2989.2	3002.6	3029.4	3026.0	3029.4	3002.6	2989.2	2942.5	2899.0	2858.9	2795.3
25°	2955.8	2955.8	2959.2	2962.5	2959.2	2955.8	2955.8	2919.0	2832.1	2822.0	2785.3
27.5°	2885.6	2892.3	2912.3	2909.0	2912.3	2892.3	2885.6	2872.2	2778.6	2768.6	2741.8
30°	2822.0	2815.4	2798.6	2785.3	2798.6	2815.4	2822.0	2802.0	2708.4	2681.6	2688.3
32.5°	2715.0	2698.3	2681.6	2671.6	2681.6	2698.3	2715.0	2708.4	2638.2	2601.4	2608.0
35°	2588.0	2591.3	2588.0	2578.0	2588.0	2591.3	2588.0	2594.7	2551.2	2517.8	2514.5
37.5°	2497.8	2504.4	2501.0	2487.7	2501.0	2504.4	2497.8	2491.0	2430.9	2420.8	2427.5
40°	2404.1	2407.5	2404.1	2394.0	2404.1	2407.5	2404.1	2390.8	2307.2	2310.4	2333.9
42.5°	2313.8	2310.4	2300.5	2293.7	2300.5	2310.4	2313.8	2293.7	2186.7	2176.8	2220.2
45°	2210.2	2213.5	2193.5	2183.4	2193.5	2213.5	2210.2	2196.8	2086.5	2059.7	2089.8
47.5°	2106.5	2106.5	2089.8	2079.7	2089.8	2106.5	2106.5	2089.8	1972.7	1946.0	1962.8
50°	1996.2	1992.8	1969.4	1966.1	1969.4	1992.8	1996.2	1986.2	1862.4	1839.1	1839.1
52.5°	1869.1	1869.1	1872.5	1879.2	1872.5	1869.1	1869.1	1872.5	1762.1	1738.7	1732.1
55°	1758.7	1762.1	1785.5	1792.2	1785.5	1762.1	1758.7	1758.7	1658.5	1635.0	1621.7
57.5°	1645.1	1645.1	1661.8	1661.8	1661.8	1645.1	1645.1	1638.4	1541.5	1521.3	1514.7
60°	1514.7	1521.3	1534.8	1531.4	1534.8	1521.3	1514.7	1508.0	1424.4	1411.1	1387.6
62.5°	1377.6	1384.3	1387.6	1380.9	1387.6	1384.3	1377.6	1357.5	1307.4	1297.3	1267.2
65°	1233.8	1240.5	1243.9	1237.2	1243.9	1240.5	1233.8	1223.7	1187.0	1170.3	1143.5
67.5°	1086.7	1083.3	1080.0	1093.4	1080.0	1083.3	1086.7	1073.4	1049.9	1036.5	999.8
70°	936.2	936.2	932.9	939.6	932.9	936.2	936.2	926.2	912.8	902.8	869.3
72.5°	775.8	772.4	785.8	775.8	785.8	772.4	775.8	772.4	765.7	755.6	722.2
75°	618.6	625.3	618.6	628.6	618.6	625.3	618.6	621.9	618.6	611.9	588.5
77.5°	471.5	478.2	471.5	471.5	471.5	478.2	471.5	474.8	474.8	474.8	454.8
80°	334.3	331.0	331.0	327.7	331.0	331.0	334.3	334.3	337.7	331.0	324.4
82.5°	214.0	210.6	210.6	217.4	210.6	210.6	214.0	217.4	210.6	210.6	210.6
85°	117.0	120.3	113.7	113.7	113.7	120.3	117.0	110.4	117.0	117.0	113.7
87.5°	43.5	40.1	40.1	40.1	40.1	40.1	43.5	46.8	46.8	46.8	50.2
90°	15.5	15.5	15.5	15.5	15.5	15.5	15.5	20.6	27.5	30.9	26.6
92.5°	77.4	74.3	61.9	49.7	61.9	74.3	77.4	109.7	152.7	174.3	153.0
95°	262.7	253.4	216.1	178.8	216.1	253.4	262.7	345.0	454.7	509.5	430.3
97.5°	606.4	588.7	517.7	446.8	517.7	588.7	606.4	658.4	727.8	762.4	630.3
100°	851.6	830.4	745.9	661.4	745.9	830.4	851.6	847.8	842.8	840.2	693.7
102.5°	1060.9	1042.8	970.4	898.0	970.4	1042.8	1060.9	994.7	906.4	862.2	713.6
105°	1305.3	1295.6	1256.6	1217.7	1256.6	1295.6	1305.3	1156.8	958.8	859.8	715.9
107.5°	1432.4	1434.8	1444.2	1453.5	1444.2	1434.8	1432.4	1225.2	949.0	810.9	684.0
110°	1464.9	1475.1	1515.6	1556.2	1515.6	1475.1	1464.9	1233.3	924.6	770.1	655.7



TEST NUMBER: P934520

CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1444.2	1459.8	1522.0	1584.3	1522.0	1459.8	1444.2	1207.1	891.1	733.1	631.1
115°	1373.7	1395.3	1481.6	1568.0	1481.6	1395.3	1373.7	1145.4	841.0	688.7	602.9
117.5°	1276.4	1300.3	1396.1	1491.9	1396.1	1300.3	1276.4	1070.3	795.5	658.1	585.1
120°	1210.8	1234.0	1327.1	1420.2	1327.1	1234.0	1210.8	1022.5	771.4	646.0	579.2
122.5°	1145.3	1168.2	1260.0	1351.8	1260.0	1168.2	1145.3	975.7	749.6	636.6	576.0
125°	1058.5	1079.7	1164.2	1248.7	1164.2	1079.7	1058.5	914.5	722.4	626.4	573.4
127.5°	988.9	1006.7	1078.0	1149.3	1078.0	1006.7	988.9	865.2	700.3	617.8	572.0
130°	944.8	961.3	1027.2	1093.1	1027.2	961.3	944.8	834.8	687.9	614.5	572.8
132.5°	907.4	922.1	981.2	1040.2	981.2	922.1	907.4	808.9	677.5	611.8	573.4
135°	854.4	867.2	918.0	968.9	918.0	867.2	854.4	771.9	661.9	606.8	572.8
137.5°	815.4	825.8	867.5	909.1	867.5	825.8	815.4	745.6	652.6	606.0	576.4
140°	784.0	793.7	832.6	871.5	832.6	793.7	784.0	723.7	643.4	603.2	577.0
142.5°	762.0	770.4	803.8	837.3	803.8	770.4	762.0	709.1	638.4	603.2	579.1
145°	729.0	735.4	760.8	786.1	760.8	735.4	729.0	685.8	628.0	599.1	579.2
147.5°	701.3	706.5	727.6	748.6	727.6	706.5	701.3	667.2	621.8	599.1	583.1
150°	685.5	689.7	706.7	723.7	706.7	689.7	685.5	656.7	618.3	599.1	585.2
152.5°	672.8	676.1	688.9	701.8	688.9	676.1	672.8	648.2	615.5	599.1	586.6
155°	657.7	659.9	668.4	676.9	668.4	659.9	657.7	638.1	612.2	599.1	589.5
157.5°	644.7	646.2	652.2	658.1	652.2	646.2	644.7	629.5	609.2	599.1	592.5
160°	638.1	639.0	642.5	646.0	642.5	639.0	638.1	625.1	607.8	599.1	593.9
162.5°	632.1	632.9	636.2	639.4	636.2	632.9	632.1	621.2	606.4	599.1	595.4
165°	622.7	623.6	627.0	630.4	627.0	623.6	622.7	614.8	604.4	599.1	597.3
167.5°	618.7	619.1	620.5	621.9	620.5	619.1	618.7	613.5	606.6	603.2	601.7
170°	618.7	618.7	618.7	618.7	618.7	618.7	618.7	613.5	606.6	603.2	603.1
172.5°	615.4	615.1	613.8	612.6	613.8	615.1	615.4	611.4	605.9	603.2	603.2
175°	610.9	610.9	610.9	610.9	610.9	610.9	610.9	608.3	604.9	603.2	604.0
177.5°	610.1	609.7	608.3	606.8	608.3	609.7	610.1	608.0	605.3	604.0	604.6
180°	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8	606.8



TEST NUMBER: P934520

CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3534.3	3534.3	3534.3	3534.3	3534.3
2.5°	3490.8	3507.5	3517.6	3530.9	3564.3
5°	3357.0	3420.6	3440.6	3490.8	3551.0
7.5°	3062.8	3256.7	3310.2	3430.6	3524.2
10°	2778.6	2972.5	3066.2	3350.3	3490.8
12.5°	2634.8	2748.5	2812.0	3209.9	3444.0
15°	2544.5	2624.8	2671.6	3022.7	3390.5
17.5°	2474.3	2531.2	2564.6	2838.8	3316.9
20°	2430.9	2457.6	2487.7	2705.0	3233.3
22.5°	2400.7	2384.0	2407.5	2611.4	3119.6
25°	2380.7	2317.2	2343.9	2537.9	2985.9
27.5°	2397.4	2257.0	2267.0	2471.0	2845.4
30°	2400.7	2183.4	2186.7	2400.7	2688.3
32.5°	2377.3	2106.5	2109.9	2313.8	2511.1
35°	2320.5	2016.2	2012.9	2213.5	2270.3
37.5°	2243.6	1919.3	1919.3	2103.2	2006.2
40°	2150.0	1822.3	1832.3	1959.4	1772.2
42.5°	2036.3	1718.6	1732.1	1768.8	1598.3
45°	1912.6	1618.3	1628.3	1494.6	1464.5
47.5°	1775.5	1514.7	1518.1	1240.5	1421.0
50°	1611.6	1407.7	1394.3	1063.3	1417.7
52.5°	1467.9	1290.6	1250.5	963.0	1287.3
55°	1327.5	1166.9	1080.0	886.0	1193.7
57.5°	1203.7	1006.5	922.9	795.8	1173.6
60°	1090.1	849.3	785.8	698.8	1076.6
62.5°	996.4	732.3	718.9	631.9	976.3
65°	896.1	652.0	648.6	575.1	829.2
67.5°	799.1	598.5	595.2	521.6	631.9
70°	695.5	541.7	535.0	464.8	468.1
72.5°	588.5	478.2	471.5	417.9	387.9
75°	481.5	404.6	401.2	364.5	314.3
77.5°	377.8	321.0	327.7	294.2	230.7
80°	270.8	234.1	240.8	210.6	173.9
82.5°	180.6	153.8	160.5	133.8	117.0
85°	100.3	86.9	90.3	70.2	53.5
87.5°	46.8	40.1	40.1	26.8	16.7
90°	17.9	11.4	10.6	7.3	4.1
92.5°	110.6	78.6	71.7	44.0	16.3
95°	271.9	153.1	140.5	89.8	39.1
97.5°	366.3	168.2	157.0	112.2	67.6
100°	400.6	180.8	170.6	130.1	89.6
102.5°	416.3	193.5	184.0	146.2	108.4
105°	428.1	212.2	204.2	172.1	140.1
107.5°	430.2	239.9	232.4	202.5	172.7
110°	427.0	255.4	248.7	221.6	194.6



TEST NUMBER: P934520

CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	427.1	274.1	267.6	242.0	216.3
115°	431.1	302.2	296.3	272.6	248.9
117.5°	439.1	329.5	324.1	302.5	281.0
120°	445.6	345.4	340.4	320.0	299.8
122.5°	454.9	364.1	358.9	338.5	318.0
125°	467.5	388.1	383.4	364.8	346.2
127.5°	480.2	411.3	406.6	387.8	369.0
130°	489.4	426.8	421.8	401.4	381.2
132.5°	496.9	439.5	434.4	414.1	393.8
135°	505.0	454.1	449.4	431.1	412.6
137.5°	517.2	472.9	468.3	450.0	431.8
140°	524.7	485.5	481.3	464.5	447.6
142.5°	531.0	494.8	490.9	475.3	459.8
145°	539.2	509.1	505.8	492.1	478.6
147.5°	551.0	527.0	523.7	510.5	497.3
150°	557.3	536.4	533.4	521.5	509.5
152.5°	561.4	542.5	540.2	531.2	522.2
155°	570.4	555.9	554.3	547.5	540.8
157.5°	579.3	569.4	567.7	561.2	554.7
160°	583.4	575.5	574.2	569.2	564.0
162.5°	587.8	582.0	581.0	577.3	573.4
165°	593.9	591.3	590.4	587.1	583.6
167.5°	598.8	596.7	596.3	594.6	593.0
170°	602.9	602.8	602.4	600.7	599.1
172.5°	603.2	603.2	603.1	602.8	602.4
175°	605.6	606.8	606.8	606.8	606.8
177.5°	605.8	606.8	606.8	606.8	606.8
180°	606.8	606.8	606.8	606.8	606.8



TEST NUMBER: P934520
 CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-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	16.19	17.27	16.96	18.05	19.01	19.03	20.10	19.79	20.89	21.85
	3H	16.69	17.65	17.46	18.45	19.43	20.39	21.36	21.17	22.16	23.14
	4H	16.89	17.80	17.68	18.60	19.60	20.85	21.76	21.65	22.57	23.56
	6H	17.02	17.86	17.82	18.67	19.68	21.15	21.99	21.96	22.80	23.81
	8H	17.02	17.82	17.84	18.66	19.67	21.23	22.03	22.05	22.86	23.87
	12H	17.00	17.76	17.83	18.59	19.63	21.28	22.04	22.10	22.86	23.90
4H	2H	17.25	18.16	18.05	18.97	19.96	19.47	20.38	20.26	21.18	22.18
	3H	18.30	19.06	19.11	19.90	20.91	20.99	21.75	21.80	22.59	23.60
	4H	18.58	19.27	19.41	20.11	21.15	21.53	22.22	22.36	23.06	24.10
	6H	18.72	19.32	19.56	20.18	21.23	21.91	22.51	22.75	23.37	24.41
	8H	18.73	19.29	19.58	20.15	21.21	22.02	22.58	22.87	23.44	24.50
	12H	18.71	19.21	19.58	20.09	21.15	22.09	22.59	22.96	23.47	24.53
8H	4H	19.06	19.61	19.90	20.47	21.53	21.67	22.23	22.52	23.09	24.15
	6H	19.33	19.79	20.20	20.69	21.75	22.12	22.58	22.99	23.48	24.54
	8H	19.37	19.78	20.26	20.68	21.75	22.28	22.69	23.16	23.58	24.65
	12H	19.37	19.73	20.25	20.61	21.74	22.38	22.75	23.27	23.63	24.76
12H	4H	19.07	19.58	19.94	20.45	21.52	21.65	22.15	22.51	23.03	24.09
	6H	19.39	19.80	20.27	20.69	21.77	22.12	22.53	23.00	23.42	24.50
	8H	19.47	19.83	20.35	20.71	21.84	22.29	22.65	23.18	23.54	24.67