

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: P934519

Luminaire Tested: SQ4-FA-050U-125D-840-1D-UNV-STD-W-6

Issue Date: 12/17/2024

**Test Information**

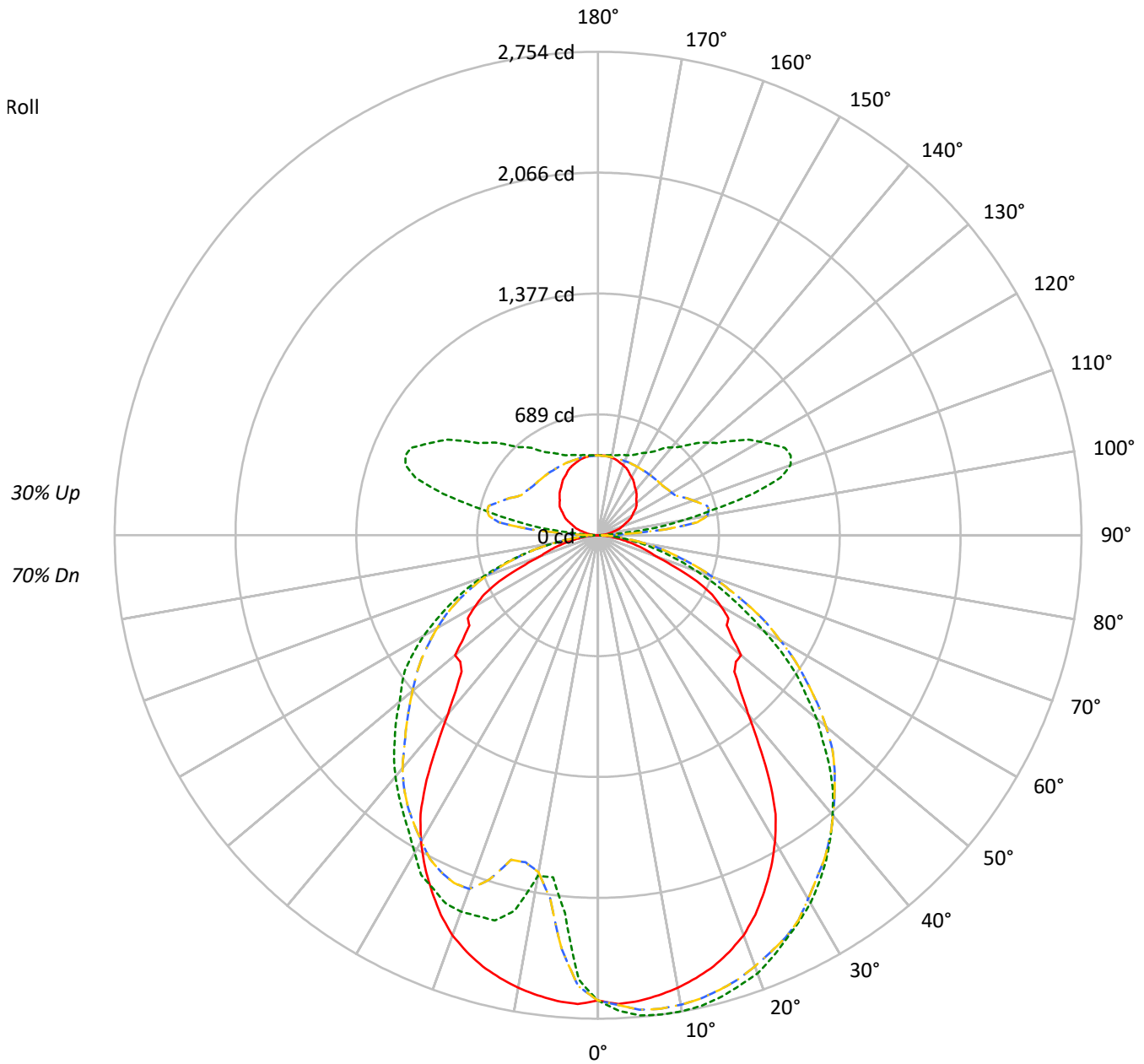
Test Method: LM-79-2019  
Report Number: P934519  
REPORT IS A COMBINATION OF REPORTS P933703 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-050U-125D-840-1D-UNV-STD-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9824.7 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: 6' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 84  
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-6

### Luminous Intensity Polar Plot



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



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CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-6

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	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	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	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	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	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	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	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	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	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	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	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	19	19	19	18		

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	16397	16397	16397	16397
5°	16514	16552	16514	13015
10°	16397	16305	16397	11657
15°	16213	15952	16213	13319
20°	15867	15533	15867	13348
25°	15167	14923	15167	13065
30°	14264	14416	14264	12444
35°	12710	13775	12710	11761
40°	10585	13021	10585	11246
45°	9452	12137	9452	10652
50°	10034	11084	10034	10057
55°	9430	9949	9430	9713
60°	9710	8450	9710	8897
65°	8789	6984	8789	7807
70°	6071	5566	6071	6544
75°	5304	4115	5304	4928
80°	4244	2720	4244	2961
85°	2391	1441	2391	1225

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 14495 cd/sqm



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CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-6

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	239.3	2.4
10°-20°	679.3	6.9
20°-30°	1050.1	10.7
30°-40°	1253.6	12.8
40°-50°	1261.0	12.8
50°-60°	1097.2	11.2
60°-70°	777.9	7.9
70°-80°	411.6	4.2
80°-90°	104.2	1.1
90°-100°	221.9	2.3
100°-110°	583.3	5.9
110°-120°	604.8	6.2
120°-130°	485.1	4.9
130°-140°	380.6	3.9
140°-150°	292.2	3.0
150°-160°	210.4	2.1
160°-170°	128.7	1.3
170°-180°	43.5	0.4
0°-30°	1968.7	20.0
0°-40°	3222.3	32.8
0°-60°	5580.5	56.8
0°-90°	6874.3	70.0
90°-120°	1409.9	14.4
90°-150°	2567.8	26.1
90°-180°	2950.0	30.0
0°-180°	9824.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2651	2651	2651	2651	2651	
5°	2663	2746	2663	2159	2663	253
15°	2543	2721	2543	2272	2543	715
25°	2239	2538	2239	2222	2239	1028
35°	1703	2264	1703	1933	1703	1053
45°	1098	1866	1098	1638	1098	880
55°	895	1377	895	1344	895	823
65°	622	830	622	928	622	594
75°	236	394	236	472	236	248
85°	40	100	40	85	40	54
90°	3	12	3	12	3	4
95°	29	134	29	134	29	33
105°	105	913	105	913	105	111
115°	187	1176	187	1176	187	184
125°	260	936	260	936	260	231
135°	309	727	309	727	309	239
145°	359	590	359	590	359	225
155°	406	508	406	508	406	186
165°	438	473	438	473	438	124
175°	455	458	455	458	455	43
180°	455	455	455	455	455	



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CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6
2.5°	2673.1	2673.1	2688.2	2693.2	2693.2	2685.7	2678.2	2685.7	2708.3	2715.8	2713.2
5°	2663.2	2683.2	2710.8	2715.8	2720.9	2718.3	2713.2	2718.3	2743.4	2748.4	2750.9
7.5°	2643.1	2680.6	2715.8	2723.3	2730.8	2723.3	2720.9	2725.8	2750.9	2755.9	2755.9
10°	2618.0	2670.7	2710.8	2715.8	2723.3	2715.8	2715.8	2725.8	2750.9	2755.9	2758.4
12.5°	2582.9	2655.6	2693.2	2698.2	2708.3	2705.7	2703.3	2713.2	2738.3	2743.4	2743.4
15°	2542.8	2628.0	2663.2	2668.2	2685.7	2680.6	2680.6	2690.7	2718.3	2725.8	2723.3
17.5°	2487.6	2592.9	2633.0	2640.5	2653.1	2650.6	2653.1	2663.2	2688.2	2693.2	2695.8
20°	2424.9	2545.3	2592.9	2600.4	2613.0	2613.0	2613.0	2625.5	2650.6	2660.6	2660.6
22.5°	2339.7	2495.1	2545.3	2550.3	2565.3	2565.3	2570.4	2587.9	2610.5	2613.0	2613.0
25°	2239.3	2440.0	2482.5	2497.7	2512.7	2520.2	2527.7	2537.8	2545.3	2542.8	2545.3
27.5°	2134.0	2369.7	2424.9	2434.9	2455.0	2462.5	2472.6	2475.0	2477.6	2485.1	2480.1
30°	2016.1	2271.9	2354.7	2364.7	2397.3	2402.3	2392.3	2397.3	2409.8	2414.9	2419.9
32.5°	1883.2	2126.5	2282.0	2304.5	2334.6	2319.6	2317.1	2324.6	2344.6	2344.6	2349.7
35°	1702.7	2013.6	2214.3	2234.4	2256.9	2239.3	2249.4	2251.8	2264.4	2271.9	2269.4
37.5°	1504.6	1915.8	2144.1	2159.1	2176.7	2154.0	2169.2	2176.7	2186.6	2181.7	2181.7
40°	1329.1	1762.9	2061.3	2071.3	2086.4	2068.8	2083.9	2088.9	2093.9	2088.9	2086.4
42.5°	1198.6	1594.8	1973.5	1986.1	1976.0	1988.5	1993.6	2003.7	1996.1	1986.1	1986.1
45°	1098.4	1549.8	1878.2	1893.3	1878.2	1898.3	1905.9	1905.9	1883.2	1878.2	1875.7
47.5°	1065.8	1459.5	1782.9	1782.9	1775.4	1800.5	1813.1	1795.5	1772.9	1765.4	1765.4
50°	1063.3	1359.2	1652.5	1642.6	1677.6	1707.8	1695.2	1677.6	1660.0	1632.5	1632.5
52.5°	965.5	1236.3	1484.6	1522.1	1577.3	1594.8	1574.8	1557.3	1527.2	1514.6	1504.6
55°	895.2	1108.3	1331.5	1406.8	1464.5	1487.0	1449.4	1431.9	1386.8	1379.2	1374.2
57.5°	880.2	922.8	1191.1	1286.5	1356.6	1354.2	1331.5	1298.9	1261.4	1253.9	1251.3
60°	807.5	667.0	1040.7	1153.5	1226.2	1218.7	1198.6	1168.6	1133.4	1128.5	1123.5
62.5°	732.2	484.0	870.1	998.1	1100.8	1098.4	1080.8	1035.6	1010.6	998.1	988.0
65°	621.9	406.3	619.4	830.0	978.0	983.0	945.4	912.8	885.2	870.1	867.7
67.5°	473.9	331.0	418.8	692.1	860.2	855.1	807.5	792.4	757.3	749.8	734.8
70°	351.0	220.7	290.9	561.7	744.8	732.2	694.7	677.1	644.5	626.9	616.9
72.5°	290.9	178.0	213.1	436.3	626.9	611.9	579.3	559.2	531.6	516.6	506.5
75°	235.7	188.1	163.0	323.5	509.0	499.0	468.9	448.8	426.3	406.3	408.7
77.5°	173.0	175.6	130.4	238.2	403.7	388.7	371.1	346.1	336.0	316.0	316.0
80°	130.4	137.9	97.8	163.0	290.9	290.9	275.8	258.3	240.8	230.7	230.7
82.5°	87.7	87.7	72.7	102.9	198.1	190.6	180.5	175.6	165.5	160.5	160.5
85°	40.1	50.2	45.2	62.7	107.8	112.8	112.8	107.8	105.3	100.3	102.9
87.5°	12.5	22.5	27.6	35.1	55.1	57.7	60.2	60.2	60.2	62.7	62.7
90°	3.1	5.5	8.0	8.6	13.4	20.0	23.2	20.6	15.4	11.6	11.6
92.5°	12.3	33.0	53.7	59.0	82.9	114.8	130.7	114.5	82.2	58.0	55.7
95°	29.3	67.3	105.3	114.8	203.9	322.8	382.2	341.1	258.8	197.0	190.0
97.5°	50.7	84.3	117.8	126.2	274.8	472.9	571.9	545.9	493.8	454.8	441.4
100°	67.2	97.6	128.0	135.7	300.5	520.3	630.1	632.0	635.9	638.7	622.9
102.5°	81.2	109.7	138.0	145.1	312.3	535.2	646.6	679.7	746.0	795.7	782.2
105°	105.1	129.1	153.1	159.2	321.0	536.9	644.8	719.1	867.6	979.0	971.7
107.5°	129.5	152.0	174.3	179.9	322.7	513.0	608.1	711.7	918.8	1074.3	1076.0
110°	146.0	166.2	186.4	191.5	320.2	491.8	577.6	693.4	925.1	1098.8	1106.4



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CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	162.2	181.5	200.8	205.6	320.3	473.4	549.8	668.4	905.4	1083.1	1094.8
115°	186.6	204.4	222.2	226.6	323.3	452.1	516.5	630.7	859.1	1030.3	1046.5
117.5°	210.7	226.9	243.0	247.1	329.3	438.9	493.6	596.7	802.8	957.3	975.3
120°	224.8	240.0	255.2	259.1	334.1	434.3	484.4	578.6	766.9	908.1	925.6
122.5°	238.6	253.9	269.2	273.1	341.2	432.0	477.4	562.2	731.8	859.0	876.2
125°	259.6	273.6	287.6	291.1	350.6	430.1	469.8	541.8	685.9	793.9	809.7
127.5°	276.7	290.9	305.0	308.6	360.1	429.0	463.4	525.2	648.8	741.6	754.9
130°	285.9	301.1	316.4	320.1	367.0	429.6	460.9	515.9	626.1	708.7	721.0
132.5°	295.4	310.6	325.8	329.6	372.7	430.1	458.8	508.1	606.6	680.5	691.6
135°	309.4	323.3	337.1	340.6	378.8	429.7	455.2	496.5	579.0	640.8	650.4
137.5°	323.8	337.5	351.1	354.6	387.9	432.2	454.5	489.4	559.1	611.5	619.3
140°	335.7	348.4	360.9	364.1	393.5	432.7	452.4	482.5	542.8	588.0	595.3
142.5°	344.8	356.5	368.1	371.1	398.2	434.3	452.4	478.9	531.7	571.5	577.8
145°	358.9	369.1	379.3	381.9	404.4	434.3	449.3	471.0	514.3	546.8	551.5
147.5°	373.0	382.8	392.8	395.3	413.3	437.3	449.3	466.3	500.4	526.0	530.0
150°	382.2	391.1	400.0	402.3	418.0	438.9	449.3	463.8	492.5	514.1	517.2
152.5°	391.5	398.4	405.2	406.9	421.0	439.9	449.3	461.6	486.2	504.6	506.9
155°	405.7	410.7	415.7	416.9	427.7	442.1	449.3	459.1	478.7	493.3	494.9
157.5°	416.0	420.9	425.8	427.0	434.4	444.4	449.3	457.0	472.2	483.5	484.6
160°	423.1	426.8	430.6	431.6	437.5	445.4	449.3	455.9	468.9	478.7	479.3
162.5°	430.1	432.9	435.8	436.5	440.7	446.5	449.3	454.9	465.8	474.0	474.6
165°	437.7	440.3	442.8	443.5	445.5	448.1	449.3	453.3	461.1	467.0	467.7
167.5°	444.7	445.9	447.2	447.5	449.1	451.3	452.4	455.0	460.1	464.0	464.3
170°	449.3	450.5	451.8	452.1	452.2	452.3	452.4	455.0	460.1	464.0	464.0
172.5°	451.8	452.1	452.3	452.4	452.4	452.4	452.4	454.4	458.4	461.5	461.3
175°	455.2	455.2	455.2	455.2	454.3	453.0	452.4	453.7	456.3	458.1	458.1
177.5°	455.2	455.2	455.2	455.2	454.5	453.5	453.0	454.0	456.1	457.5	457.2
180°	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6
2.5°	2718.3	2710.8	2718.3	2713.2	2715.8	2708.3	2685.7	2678.2	2685.7	2693.2	2693.2
5°	2750.9	2745.8	2750.9	2750.9	2748.4	2743.4	2718.3	2713.2	2718.3	2720.9	2715.8
7.5°	2761.0	2753.5	2761.0	2755.9	2755.9	2750.9	2725.8	2720.9	2723.3	2730.8	2723.3
10°	2761.0	2753.5	2761.0	2758.4	2755.9	2750.9	2725.8	2715.8	2715.8	2723.3	2715.8
12.5°	2748.4	2743.4	2748.4	2743.4	2743.4	2738.3	2713.2	2703.3	2705.7	2708.3	2698.2
15°	2728.4	2720.9	2728.4	2723.3	2725.8	2718.3	2690.7	2680.6	2680.6	2685.7	2668.2
17.5°	2698.2	2688.2	2698.2	2695.8	2693.2	2688.2	2663.2	2653.1	2650.6	2653.1	2640.5
20°	2663.2	2655.6	2663.2	2660.6	2660.6	2650.6	2625.5	2613.0	2613.0	2613.0	2600.4
22.5°	2607.9	2600.4	2607.9	2613.0	2613.0	2610.5	2587.9	2570.4	2565.3	2565.3	2550.3
25°	2545.3	2537.8	2545.3	2545.3	2542.8	2545.3	2537.8	2527.7	2520.2	2512.7	2497.7
27.5°	2485.1	2480.1	2485.1	2480.1	2485.1	2477.6	2475.0	2472.6	2462.5	2455.0	2434.9
30°	2424.9	2419.9	2424.9	2419.9	2414.9	2409.8	2397.3	2392.3	2402.3	2397.3	2364.7
32.5°	2349.7	2344.6	2349.7	2349.7	2344.6	2344.6	2324.6	2317.1	2319.6	2334.6	2304.5
35°	2271.9	2264.4	2271.9	2269.4	2271.9	2264.4	2251.8	2249.4	2239.3	2256.9	2234.4
37.5°	2181.7	2174.1	2181.7	2181.7	2181.7	2186.6	2176.7	2169.2	2154.0	2176.7	2159.1
40°	2088.9	2078.9	2088.9	2086.4	2088.9	2093.9	2088.9	2083.9	2068.8	2086.4	2071.3
42.5°	1983.6	1981.0	1983.6	1986.1	1986.1	1996.1	2003.7	1993.6	1988.5	1976.0	1986.1
45°	1870.7	1865.7	1870.7	1875.7	1878.2	1883.2	1905.9	1905.9	1898.3	1878.2	1893.3
47.5°	1750.3	1737.8	1750.3	1765.4	1765.4	1772.9	1795.5	1813.1	1800.5	1775.4	1782.9
50°	1622.5	1625.0	1622.5	1632.5	1632.5	1660.0	1677.6	1695.2	1707.8	1677.6	1642.6
52.5°	1497.1	1494.5	1497.1	1504.6	1514.6	1527.2	1557.3	1574.8	1594.8	1577.3	1522.1
55°	1371.6	1376.7	1371.6	1374.2	1379.2	1386.8	1431.9	1449.4	1487.0	1464.5	1406.8
57.5°	1246.3	1238.8	1246.3	1251.3	1253.9	1261.4	1298.9	1331.5	1354.2	1356.6	1286.5
60°	1100.8	1090.9	1100.8	1123.5	1128.5	1133.4	1168.6	1198.6	1218.7	1226.2	1153.5
62.5°	973.0	955.4	973.0	988.0	998.1	1010.6	1035.6	1080.8	1098.4	1100.8	998.1
65°	837.5	830.0	837.5	867.7	870.1	885.2	912.8	945.4	983.0	978.0	830.0
67.5°	714.7	714.7	714.7	734.8	749.8	757.3	792.4	807.5	855.1	860.2	692.1
70°	601.8	599.3	601.8	616.9	626.9	644.5	677.1	694.7	732.2	744.8	561.7
72.5°	494.0	491.5	494.0	506.5	516.6	531.6	559.2	579.3	611.9	626.9	436.3
75°	398.8	393.7	398.8	408.7	406.3	426.3	448.8	468.9	499.0	509.0	323.5
77.5°	306.0	306.0	306.0	316.0	316.0	336.0	346.1	371.1	388.7	403.7	238.2
80°	228.2	225.7	228.2	230.7	230.7	240.8	258.3	275.8	290.9	290.9	163.0
82.5°	160.5	155.5	160.5	160.5	160.5	165.5	175.6	180.5	190.6	198.1	102.9
85°	100.3	100.3	100.3	102.9	100.3	105.3	107.8	112.8	112.8	107.8	62.7
87.5°	65.2	62.7	65.2	62.7	62.7	60.2	60.2	60.2	57.7	55.1	35.1
90°	11.6	11.6	11.6	11.6	11.6	15.4	20.6	23.2	20.0	13.4	8.6
92.5°	46.4	37.2	46.4	55.7	58.0	82.2	114.5	130.7	114.8	82.9	59.0
95°	162.0	134.1	162.0	190.0	197.0	258.8	341.1	382.2	322.8	203.9	114.8
97.5°	388.3	335.1	388.3	441.4	454.8	493.8	545.9	571.9	472.9	274.8	126.2
100°	559.5	496.1	559.5	622.9	638.7	635.9	632.0	630.1	520.3	300.5	135.7
102.5°	727.9	673.5	727.9	782.2	795.7	746.0	679.7	646.6	535.2	312.3	145.1
105°	942.6	913.3	942.6	971.7	979.0	867.6	719.1	644.8	536.9	321.0	159.2
107.5°	1083.0	1090.2	1083.0	1076.0	1074.3	918.8	711.7	608.1	513.0	322.7	179.9
110°	1136.7	1167.1	1136.7	1106.4	1098.8	925.1	693.4	577.6	491.8	320.2	191.5





TEST NUMBER: P934519

CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1141.5	1188.2	1141.5	1094.8	1083.1	905.4	668.4	549.8	473.4	320.3	205.6
115°	1111.2	1176.0	1111.2	1046.5	1030.3	859.1	630.7	516.5	452.1	323.3	226.6
117.5°	1047.1	1118.9	1047.1	975.3	957.3	802.8	596.7	493.6	438.9	329.3	247.1
120°	995.3	1065.2	995.3	925.6	908.1	766.9	578.6	484.4	434.3	334.1	259.1
122.5°	945.0	1013.8	945.0	876.2	859.0	731.8	562.2	477.4	432.0	341.2	273.1
125°	873.1	936.5	873.1	809.7	793.9	685.9	541.8	469.8	430.1	350.6	291.1
127.5°	808.5	862.0	808.5	754.9	741.6	648.8	525.2	463.4	429.0	360.1	308.6
130°	770.4	819.8	770.4	721.0	708.7	626.1	515.9	460.9	429.6	367.0	320.1
132.5°	735.9	780.1	735.9	691.6	680.5	606.6	508.1	458.8	430.1	372.7	329.6
135°	688.5	726.7	688.5	650.4	640.8	579.0	496.5	455.2	429.7	378.8	340.6
137.5°	650.6	681.8	650.6	619.3	611.5	559.1	489.4	454.5	432.2	387.9	354.6
140°	624.4	653.7	624.4	595.3	588.0	542.8	482.5	452.4	432.7	393.5	364.1
142.5°	602.9	628.0	602.9	577.8	571.5	531.7	478.9	452.4	434.3	398.2	371.1
145°	570.6	589.5	570.6	551.5	546.8	514.3	471.0	449.3	434.3	404.4	381.9
147.5°	545.7	561.4	545.7	530.0	526.0	500.4	466.3	449.3	437.3	413.3	395.3
150°	530.1	542.8	530.1	517.2	514.1	492.5	463.8	449.3	438.9	418.0	402.3
152.5°	516.6	526.3	516.6	506.9	504.6	486.2	461.6	449.3	439.9	421.0	406.9
155°	501.3	507.6	501.3	494.9	493.3	478.7	459.1	449.3	442.1	427.7	416.9
157.5°	489.2	493.6	489.2	484.6	483.5	472.2	457.0	449.3	444.4	434.4	427.0
160°	481.8	484.4	481.8	479.3	478.7	468.9	455.9	449.3	445.4	437.5	431.6
162.5°	477.1	479.6	477.1	474.6	474.0	465.8	454.9	449.3	446.5	440.7	436.5
165°	470.3	472.9	470.3	467.7	467.0	461.1	453.3	449.3	448.1	445.5	443.5
167.5°	465.3	466.4	465.3	464.3	464.0	460.1	455.0	452.4	451.3	449.1	447.5
170°	464.0	464.0	464.0	464.0	464.0	460.1	455.0	452.4	452.3	452.2	452.1
172.5°	460.3	459.4	460.3	461.3	461.5	458.4	454.4	452.4	452.4	452.4	452.4
175°	458.1	458.1	458.1	458.1	458.1	456.3	453.7	452.4	453.0	454.3	455.2
177.5°	456.3	455.2	456.3	457.2	457.5	456.1	454.0	453.0	453.5	454.5	455.2
180°	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2



TEST NUMBER: P934519

CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6
2.5°	2688.2	2673.1	2673.1	2648.1	2638.1	2630.6	2618.0	2580.4	2570.4	2560.3	2575.3
5°	2710.8	2683.2	2663.2	2618.0	2580.4	2565.3	2517.7	2427.4	2367.2	2322.1	2297.0
7.5°	2715.8	2680.6	2643.1	2572.9	2482.5	2442.4	2297.0	2131.5	2086.4	2046.2	2021.2
10°	2710.8	2670.7	2618.0	2512.7	2299.6	2229.3	2083.9	1976.0	1948.4	1940.9	1948.4
12.5°	2693.2	2655.6	2582.9	2407.4	2109.0	2061.3	1976.0	1913.4	1908.3	1920.9	1988.5
15°	2663.2	2628.0	2542.8	2267.0	2003.7	1968.5	1908.3	1885.8	1913.4	2001.1	2204.2
17.5°	2633.0	2592.9	2487.6	2129.0	1923.3	1898.3	1855.7	1900.8	2056.3	2174.1	2241.9
20°	2592.9	2545.3	2424.9	2028.7	1865.7	1843.1	1823.1	2026.2	2144.1	2186.6	2224.3
22.5°	2545.3	2495.1	2339.7	1958.5	1805.5	1788.0	1800.5	2096.4	2144.1	2174.1	2206.7
25°	2482.5	2440.0	2239.3	1903.3	1757.8	1737.8	1785.4	2088.9	2116.5	2124.0	2189.2
27.5°	2424.9	2369.7	2134.0	1853.2	1700.2	1692.6	1798.0	2056.3	2076.4	2083.9	2154.0
30°	2354.7	2271.9	2016.1	1800.5	1640.0	1637.5	1800.5	2016.1	2011.2	2031.2	2101.4
32.5°	2282.0	2126.5	1883.2	1735.3	1582.4	1579.8	1782.9	1955.9	1951.0	1978.6	2031.2
35°	2214.3	2013.6	1702.7	1660.0	1509.6	1512.1	1740.4	1885.8	1888.3	1913.4	1946.0
37.5°	2144.1	1915.8	1504.6	1577.3	1439.4	1439.4	1682.7	1820.6	1815.5	1823.1	1868.2
40°	2061.3	1762.9	1329.1	1469.5	1374.2	1366.7	1612.4	1750.3	1732.8	1730.3	1793.0
42.5°	1973.5	1594.8	1198.6	1326.6	1298.9	1288.9	1527.2	1665.1	1632.5	1640.0	1720.2
45°	1878.2	1549.8	1098.4	1120.9	1221.3	1213.7	1434.4	1567.3	1544.7	1564.8	1647.5
47.5°	1782.9	1459.5	1065.8	930.3	1138.5	1136.0	1331.5	1472.0	1459.5	1479.5	1567.3
50°	1652.5	1359.2	1063.3	797.4	1045.7	1055.7	1208.7	1379.2	1379.2	1396.7	1489.5
52.5°	1484.6	1236.3	965.5	722.2	937.9	967.9	1100.8	1298.9	1304.0	1321.5	1404.2
55°	1331.5	1108.3	895.2	664.5	810.0	875.2	995.5	1216.2	1226.2	1243.8	1319.0
57.5°	1191.1	922.8	880.2	596.9	692.1	754.8	902.7	1136.0	1140.9	1156.1	1228.8
60°	1040.7	667.0	807.5	524.1	589.3	637.0	817.5	1040.7	1058.2	1068.2	1131.0
62.5°	870.1	484.0	732.2	473.9	539.2	549.1	747.3	950.4	973.0	980.5	1018.1
65°	619.4	406.3	621.9	431.4	486.5	489.0	672.0	857.6	877.6	890.2	917.9
67.5°	418.8	331.0	473.9	391.1	446.4	448.8	599.3	749.8	777.4	787.4	804.9
70°	290.9	220.7	351.0	348.6	401.2	406.3	521.6	652.0	677.1	684.6	694.7
72.5°	213.1	178.0	290.9	313.5	353.6	358.6	441.3	541.6	566.7	574.2	579.3
75°	163.0	188.1	235.7	273.4	300.9	303.4	361.1	441.3	458.9	464.0	466.4
77.5°	130.4	175.6	173.0	220.7	245.7	240.8	283.4	341.1	356.1	356.1	356.1
80°	97.8	137.9	130.4	158.0	180.5	175.6	203.1	243.2	248.3	253.2	250.8
82.5°	72.7	87.7	87.7	100.3	120.3	115.4	135.5	158.0	158.0	158.0	163.0
85°	45.2	50.2	40.1	52.7	67.7	65.2	75.2	85.3	87.7	87.7	82.8
87.5°	27.6	22.5	12.5	20.1	30.1	30.1	35.1	37.6	35.1	35.1	35.1
90°	8.0	5.5	3.1	5.5	8.0	8.6	13.4	20.0	23.2	20.6	15.4
92.5°	53.7	33.0	12.3	33.0	53.7	59.0	82.9	114.8	130.7	114.5	82.2
95°	105.3	67.3	29.3	67.3	105.3	114.8	203.9	322.8	382.2	341.1	258.8
97.5°	117.8	84.3	50.7	84.3	117.8	126.2	274.8	472.9	571.9	545.9	493.8
100°	128.0	97.6	67.2	97.6	128.0	135.7	300.5	520.3	630.1	632.0	635.9
102.5°	138.0	109.7	81.2	109.7	138.0	145.1	312.3	535.2	646.6	679.7	746.0
105°	153.1	129.1	105.1	129.1	153.1	159.2	321.0	536.9	644.8	719.1	867.6
107.5°	174.3	152.0	129.5	152.0	174.3	179.9	322.7	513.0	608.1	711.7	918.8
110°	186.4	166.2	146.0	166.2	186.4	191.5	320.2	491.8	577.6	693.4	925.1



TEST NUMBER: P934519

CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	200.8	181.5	162.2	181.5	200.8	205.6	320.3	473.4	549.8	668.4	905.4
115°	222.2	204.4	186.6	204.4	222.2	226.6	323.3	452.1	516.5	630.7	859.1
117.5°	243.0	226.9	210.7	226.9	243.0	247.1	329.3	438.9	493.6	596.7	802.8
120°	255.2	240.0	224.8	240.0	255.2	259.1	334.1	434.3	484.4	578.6	766.9
122.5°	269.2	253.9	238.6	253.9	269.2	273.1	341.2	432.0	477.4	562.2	731.8
125°	287.6	273.6	259.6	273.6	287.6	291.1	350.6	430.1	469.8	541.8	685.9
127.5°	305.0	290.9	276.7	290.9	305.0	308.6	360.1	429.0	463.4	525.2	648.8
130°	316.4	301.1	285.9	301.1	316.4	320.1	367.0	429.6	460.9	515.9	626.1
132.5°	325.8	310.6	295.4	310.6	325.8	329.6	372.7	430.1	458.8	508.1	606.6
135°	337.1	323.3	309.4	323.3	337.1	340.6	378.8	429.7	455.2	496.5	579.0
137.5°	351.1	337.5	323.8	337.5	351.1	354.6	387.9	432.2	454.5	489.4	559.1
140°	360.9	348.4	335.7	348.4	360.9	364.1	393.5	432.7	452.4	482.5	542.8
142.5°	368.1	356.5	344.8	356.5	368.1	371.1	398.2	434.3	452.4	478.9	531.7
145°	379.3	369.1	358.9	369.1	379.3	381.9	404.4	434.3	449.3	471.0	514.3
147.5°	392.8	382.8	373.0	382.8	392.8	395.3	413.3	437.3	449.3	466.3	500.4
150°	400.0	391.1	382.2	391.1	400.0	402.3	418.0	438.9	449.3	463.8	492.5
152.5°	405.2	398.4	391.5	398.4	405.2	406.9	421.0	439.9	449.3	461.6	486.2
155°	415.7	410.7	405.7	410.7	415.7	416.9	427.7	442.1	449.3	459.1	478.7
157.5°	425.8	420.9	416.0	420.9	425.8	427.0	434.4	444.4	449.3	457.0	472.2
160°	430.6	426.8	423.1	426.8	430.6	431.6	437.5	445.4	449.3	455.9	468.9
162.5°	435.8	432.9	430.1	432.9	435.8	436.5	440.7	446.5	449.3	454.9	465.8
165°	442.8	440.3	437.7	440.3	442.8	443.5	445.5	448.1	449.3	453.3	461.1
167.5°	447.2	445.9	444.7	445.9	447.2	447.5	449.1	451.3	452.4	455.0	460.1
170°	451.8	450.5	449.3	450.5	451.8	452.1	452.2	452.3	452.4	455.0	460.1
172.5°	452.3	452.1	451.8	452.1	452.3	452.4	452.4	452.4	452.4	454.4	458.4
175°	455.2	455.2	455.2	455.2	455.2	455.2	454.3	453.0	452.4	453.7	456.3
177.5°	455.2	455.2	455.2	455.2	455.2	455.2	454.5	453.5	453.0	454.0	456.1
180°	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2



TEST NUMBER: P934519

CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6	2650.6
2.5°	2557.8	2550.3	2560.3	2532.7	2560.3	2550.3	2557.8	2575.3	2560.3	2570.4	2580.4
5°	2244.3	2231.8	2191.7	2159.1	2191.7	2231.8	2244.3	2297.0	2322.1	2367.2	2427.4
7.5°	2006.1	1996.1	1986.1	1966.0	1986.1	1996.1	2006.1	2021.2	2046.2	2086.4	2131.5
10°	1953.5	1955.9	1971.1	1968.5	1971.1	1955.9	1953.5	1948.4	1940.9	1948.4	1976.0
12.5°	2088.9	2111.5	2194.2	2189.2	2194.2	2111.5	2088.9	1988.5	1920.9	1908.3	1913.4
15°	2244.3	2251.8	2269.4	2271.9	2269.4	2251.8	2244.3	2204.2	2001.1	1913.4	1885.8
17.5°	2259.4	2261.9	2274.5	2274.5	2274.5	2261.9	2259.4	2241.9	2174.1	2056.3	1900.8
20°	2246.9	2251.8	2276.9	2282.0	2276.9	2251.8	2246.9	2224.3	2186.6	2144.1	2026.2
22.5°	2241.9	2251.8	2271.9	2269.4	2271.9	2251.8	2241.9	2206.7	2174.1	2144.1	2096.4
25°	2216.8	2216.8	2219.2	2221.8	2219.2	2216.8	2216.8	2189.2	2124.0	2116.5	2088.9
27.5°	2164.1	2169.2	2184.2	2181.7	2184.2	2169.2	2164.1	2154.0	2083.9	2076.4	2056.3
30°	2116.5	2111.5	2098.9	2088.9	2098.9	2111.5	2116.5	2101.4	2031.2	2011.2	2016.1
32.5°	2036.3	2023.7	2011.2	2003.7	2011.2	2023.7	2036.3	2031.2	1978.6	1951.0	1955.9
35°	1940.9	1943.4	1940.9	1933.4	1940.9	1943.4	1940.9	1946.0	1913.4	1888.3	1885.8
37.5°	1873.2	1878.2	1875.7	1865.7	1875.7	1878.2	1873.2	1868.2	1823.1	1815.5	1820.6
40°	1803.0	1805.5	1803.0	1795.5	1803.0	1805.5	1803.0	1793.0	1730.3	1732.8	1750.3
42.5°	1735.3	1732.8	1725.2	1720.2	1725.2	1732.8	1735.3	1720.2	1640.0	1632.5	1665.1
45°	1657.6	1660.0	1645.0	1637.5	1645.0	1660.0	1657.6	1647.5	1564.8	1544.7	1567.3
47.5°	1579.8	1579.8	1567.3	1559.8	1567.3	1579.8	1579.8	1567.3	1479.5	1459.5	1472.0
50°	1497.1	1494.5	1477.1	1474.5	1477.1	1494.5	1497.1	1489.5	1396.7	1379.2	1379.2
52.5°	1401.8	1401.8	1404.2	1409.3	1404.2	1401.8	1401.8	1404.2	1321.5	1304.0	1298.9
55°	1319.0	1321.5	1339.1	1344.1	1339.1	1321.5	1319.0	1319.0	1243.8	1226.2	1216.2
57.5°	1233.8	1233.8	1246.3	1246.3	1246.3	1233.8	1233.8	1228.8	1156.1	1140.9	1136.0
60°	1136.0	1140.9	1151.0	1148.6	1151.0	1140.9	1136.0	1131.0	1068.2	1058.2	1040.7
62.5°	1033.2	1038.2	1040.7	1035.6	1040.7	1038.2	1033.2	1018.1	980.5	973.0	950.4
65°	925.4	930.3	932.9	927.8	932.9	930.3	925.4	917.9	890.2	877.6	857.6
67.5°	815.0	812.4	810.0	820.0	810.0	812.4	815.0	804.9	787.4	777.4	749.8
70°	702.2	702.2	699.6	704.6	699.6	702.2	702.2	694.7	684.6	677.1	652.0
72.5°	581.7	579.3	589.3	581.7	589.3	579.3	581.7	579.3	574.2	566.7	541.6
75°	464.0	468.9	464.0	471.5	464.0	468.9	464.0	466.4	464.0	458.9	441.3
77.5°	353.6	358.6	353.6	353.6	353.6	358.6	353.6	356.1	356.1	356.1	341.1
80°	250.8	248.3	248.3	245.7	248.3	248.3	250.8	250.8	253.2	248.3	243.2
82.5°	160.5	158.0	158.0	163.0	158.0	158.0	160.5	163.0	158.0	158.0	158.0
85°	87.7	90.3	85.3	85.3	85.3	90.3	87.7	82.8	87.7	87.7	85.3
87.5°	32.6	30.1	30.1	30.1	30.1	30.1	32.6	35.1	35.1	35.1	37.6
90°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	15.4	20.6	23.2	20.0
92.5°	58.0	55.7	46.4	37.2	46.4	55.7	58.0	82.2	114.5	130.7	114.8
95°	197.0	190.0	162.0	134.1	162.0	190.0	197.0	258.8	341.1	382.2	322.8
97.5°	454.8	441.4	388.3	335.1	388.3	441.4	454.8	493.8	545.9	571.9	472.9
100°	638.7	622.9	559.5	496.1	559.5	622.9	638.7	635.9	632.0	630.1	520.3
102.5°	795.7	782.2	727.9	673.5	727.9	782.2	795.7	746.0	679.7	646.6	535.2
105°	979.0	971.7	942.6	913.3	942.6	971.7	979.0	867.6	719.1	644.8	536.9
107.5°	1074.3	1076.0	1083.0	1090.2	1083.0	1076.0	1074.3	918.8	711.7	608.1	513.0
110°	1098.8	1106.4	1136.7	1167.1	1136.7	1106.4	1098.8	925.1	693.4	577.6	491.8



TEST NUMBER: P934519

CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1083.1	1094.8	1141.5	1188.2	1141.5	1094.8	1083.1	905.4	668.4	549.8	473.4
115°	1030.3	1046.5	1111.2	1176.0	1111.2	1046.5	1030.3	859.1	630.7	516.5	452.1
117.5°	957.3	975.3	1047.1	1118.9	1047.1	975.3	957.3	802.8	596.7	493.6	438.9
120°	908.1	925.6	995.3	1065.2	995.3	925.6	908.1	766.9	578.6	484.4	434.3
122.5°	859.0	876.2	945.0	1013.8	945.0	876.2	859.0	731.8	562.2	477.4	432.0
125°	793.9	809.7	873.1	936.5	873.1	809.7	793.9	685.9	541.8	469.8	430.1
127.5°	741.6	754.9	808.5	862.0	808.5	754.9	741.6	648.8	525.2	463.4	429.0
130°	708.7	721.0	770.4	819.8	770.4	721.0	708.7	626.1	515.9	460.9	429.6
132.5°	680.5	691.6	735.9	780.1	735.9	691.6	680.5	606.6	508.1	458.8	430.1
135°	640.8	650.4	688.5	726.7	688.5	650.4	640.8	579.0	496.5	455.2	429.7
137.5°	611.5	619.3	650.6	681.8	650.6	619.3	611.5	559.1	489.4	454.5	432.2
140°	588.0	595.3	624.4	653.7	624.4	595.3	588.0	542.8	482.5	452.4	432.7
142.5°	571.5	577.8	602.9	628.0	602.9	577.8	571.5	531.7	478.9	452.4	434.3
145°	546.8	551.5	570.6	589.5	570.6	551.5	546.8	514.3	471.0	449.3	434.3
147.5°	526.0	530.0	545.7	561.4	545.7	530.0	526.0	500.4	466.3	449.3	437.3
150°	514.1	517.2	530.1	542.8	530.1	517.2	514.1	492.5	463.8	449.3	438.9
152.5°	504.6	506.9	516.6	526.3	516.6	506.9	504.6	486.2	461.6	449.3	439.9
155°	493.3	494.9	501.3	507.6	501.3	494.9	493.3	478.7	459.1	449.3	442.1
157.5°	483.5	484.6	489.2	493.6	489.2	484.6	483.5	472.2	457.0	449.3	444.4
160°	478.7	479.3	481.8	484.4	481.8	479.3	478.7	468.9	455.9	449.3	445.4
162.5°	474.0	474.6	477.1	479.6	477.1	474.6	474.0	465.8	454.9	449.3	446.5
165°	467.0	467.7	470.3	472.9	470.3	467.7	467.0	461.1	453.3	449.3	448.1
167.5°	464.0	464.3	465.3	466.4	465.3	464.3	464.0	460.1	455.0	452.4	451.3
170°	464.0	464.0	464.0	464.0	464.0	464.0	464.0	460.1	455.0	452.4	452.3
172.5°	461.5	461.3	460.3	459.4	460.3	461.3	461.5	458.4	454.4	452.4	452.4
175°	458.1	458.1	458.1	458.1	458.1	458.1	458.1	456.3	453.7	452.4	453.0
177.5°	457.5	457.2	456.3	455.2	456.3	457.2	457.5	456.1	454.0	453.0	453.5
180°	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2



TEST NUMBER: P934519  
 CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2650.6	2650.6	2650.6	2650.6	2650.6
2.5°	2618.0	2630.6	2638.1	2648.1	2673.1
5°	2517.7	2565.3	2580.4	2618.0	2663.2
7.5°	2297.0	2442.4	2482.5	2572.9	2643.1
10°	2083.9	2229.3	2299.6	2512.7	2618.0
12.5°	1976.0	2061.3	2109.0	2407.4	2582.9
15°	1908.3	1968.5	2003.7	2267.0	2542.8
17.5°	1855.7	1898.3	1923.3	2129.0	2487.6
20°	1823.1	1843.1	1865.7	2028.7	2424.9
22.5°	1800.5	1788.0	1805.5	1958.5	2339.7
25°	1785.4	1737.8	1757.8	1903.3	2239.3
27.5°	1798.0	1692.6	1700.2	1853.2	2134.0
30°	1800.5	1637.5	1640.0	1800.5	2016.1
32.5°	1782.9	1579.8	1582.4	1735.3	1883.2
35°	1740.4	1512.1	1509.6	1660.0	1702.7
37.5°	1682.7	1439.4	1439.4	1577.3	1504.6
40°	1612.4	1366.7	1374.2	1469.5	1329.1
42.5°	1527.2	1288.9	1298.9	1326.6	1198.6
45°	1434.4	1213.7	1221.3	1120.9	1098.4
47.5°	1331.5	1136.0	1138.5	930.3	1065.8
50°	1208.7	1055.7	1045.7	797.4	1063.3
52.5°	1100.8	967.9	937.9	722.2	965.5
55°	995.5	875.2	810.0	664.5	895.2
57.5°	902.7	754.8	692.1	596.9	880.2
60°	817.5	637.0	589.3	524.1	807.5
62.5°	747.3	549.1	539.2	473.9	732.2
65°	672.0	489.0	486.5	431.4	621.9
67.5°	599.3	448.8	446.4	391.1	473.9
70°	521.6	406.3	401.2	348.6	351.0
72.5°	441.3	358.6	353.6	313.5	290.9
75°	361.1	303.4	300.9	273.4	235.7
77.5°	283.4	240.8	245.7	220.7	173.0
80°	203.1	175.6	180.5	158.0	130.4
82.5°	135.5	115.4	120.3	100.3	87.7
85°	75.2	65.2	67.7	52.7	40.1
87.5°	35.1	30.1	30.1	20.1	12.5
90°	13.4	8.6	8.0	5.5	3.1
92.5°	82.9	59.0	53.7	33.0	12.3
95°	203.9	114.8	105.3	67.3	29.3
97.5°	274.8	126.2	117.8	84.3	50.7
100°	300.5	135.7	128.0	97.6	67.2
102.5°	312.3	145.1	138.0	109.7	81.2
105°	321.0	159.2	153.1	129.1	105.1
107.5°	322.7	179.9	174.3	152.0	129.5
110°	320.2	191.5	186.4	166.2	146.0



TEST NUMBER: P934519

CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	320.3	205.6	200.8	181.5	162.2
115°	323.3	226.6	222.2	204.4	186.6
117.5°	329.3	247.1	243.0	226.9	210.7
120°	334.1	259.1	255.2	240.0	224.8
122.5°	341.2	273.1	269.2	253.9	238.6
125°	350.6	291.1	287.6	273.6	259.6
127.5°	360.1	308.6	305.0	290.9	276.7
130°	367.0	320.1	316.4	301.1	285.9
132.5°	372.7	329.6	325.8	310.6	295.4
135°	378.8	340.6	337.1	323.3	309.4
137.5°	387.9	354.6	351.1	337.5	323.8
140°	393.5	364.1	360.9	348.4	335.7
142.5°	398.2	371.1	368.1	356.5	344.8
145°	404.4	381.9	379.3	369.1	358.9
147.5°	413.3	395.3	392.8	382.8	373.0
150°	418.0	402.3	400.0	391.1	382.2
152.5°	421.0	406.9	405.2	398.4	391.5
155°	427.7	416.9	415.7	410.7	405.7
157.5°	434.4	427.0	425.8	420.9	416.0
160°	437.5	431.6	430.6	426.8	423.1
162.5°	440.7	436.5	435.8	432.9	430.1
165°	445.5	443.5	442.8	440.3	437.7
167.5°	449.1	447.5	447.2	445.9	444.7
170°	452.2	452.1	451.8	450.5	449.3
172.5°	452.4	452.4	452.3	452.1	451.8
175°	454.3	455.2	455.2	455.2	455.2
177.5°	454.5	455.2	455.2	455.2	455.2
180°	455.2	455.2	455.2	455.2	455.2



TEST NUMBER: P934519  
 CATALOG NUMBER: SQ4-FA-050U-125D-840-1D-UNV-STD-W-6

**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	17.26	16.95	18.05	19.00	19.01	20.09	19.78	20.87	21.83
	3H	16.68	17.65	17.46	18.44	19.43	20.37	21.34	21.15	22.13	23.12
	4H	16.88	17.79	17.68	18.60	19.59	20.82	21.73	21.62	22.54	23.54
	6H	17.01	17.85	17.82	18.67	19.67	21.12	21.96	21.93	22.77	23.78
	8H	17.02	17.82	17.84	18.65	19.66	21.20	22.00	22.02	22.83	23.84
	12H	17.00	17.76	17.82	18.59	19.62	21.24	22.01	22.07	22.83	23.87
4H	2H	17.24	18.15	18.04	18.96	19.96	19.45	20.36	20.25	21.16	22.16
	3H	18.29	19.05	19.10	19.89	20.90	20.97	21.73	21.78	22.57	23.58
	4H	18.58	19.27	19.40	20.10	21.14	21.51	22.20	22.33	23.03	24.07
	6H	18.71	19.31	19.56	20.17	21.22	21.88	22.48	22.73	23.34	24.39
	8H	18.72	19.28	19.57	20.14	21.20	21.99	22.55	22.84	23.41	24.47
	12H	18.70	19.20	19.57	20.08	21.14	22.06	22.56	22.93	23.44	24.50
8H	4H	19.05	19.60	19.89	20.46	21.52	21.65	22.21	22.49	23.06	24.12
	6H	19.32	19.78	20.19	20.68	21.74	22.09	22.55	22.97	23.45	24.51
	8H	19.36	19.77	20.25	20.67	21.74	22.25	22.66	23.13	23.55	24.62
	12H	19.35	19.72	20.24	20.60	21.73	22.35	22.71	23.24	23.60	24.73
12H	4H	19.06	19.56	19.93	20.44	21.51	21.62	22.13	22.49	23.00	24.07
	6H	19.38	19.79	20.26	20.68	21.76	22.09	22.50	22.98	23.40	24.47
	8H	19.46	19.82	20.34	20.70	21.83	22.26	22.62	23.15	23.51	24.64