

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: P933969

Luminaire Tested: SQ4-FA-025U-075D-935-1D-UNV-STD-W-12

Issue Date: 12/17/2024

**Test Information**

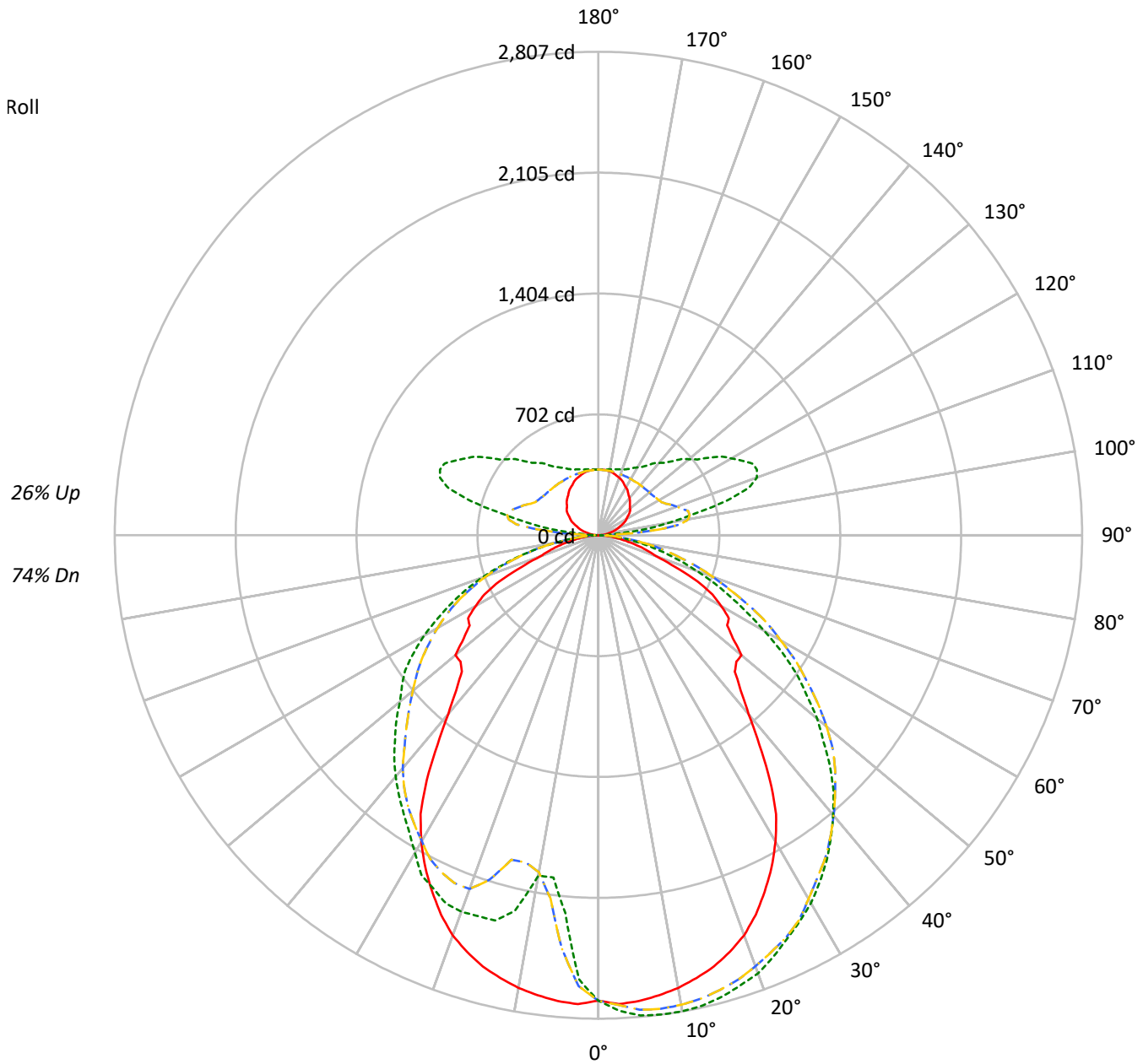
Test Method: LM-79-2019  
Report Number: P933969  
REPORT IS A COMBINATION OF REPORTS P933677 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-075D-935-1D-UNV-STD-W-12  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9479.2 lumens  
Efficiency: N/A  
Efficacy: 105.3 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 90  
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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### 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	113	113	113	113	107	107	107	107	97	97	97	87	87	87	78	78	78	78	78	78	74
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	69	68	66	66	66	66	62
2	94	86	80	75	89	82	77	72	75	70	66	68	64	61	61	58	56	56	56	56	52
3	86	76	68	62	81	72	66	60	66	60	56	60	55	52	54	51	48	48	48	48	44
4	79	67	59	53	74	64	57	51	59	52	48	53	48	44	48	44	41	41	41	41	38
5	72	60	52	45	68	57	50	44	52	46	41	48	43	38	43	39	36	36	36	36	33
6	67	54	46	39	63	52	44	38	47	41	36	43	38	34	39	35	31	31	31	31	29
7	62	49	41	35	58	47	39	34	43	36	32	39	34	30	36	31	28	28	28	28	26
8	57	44	36	31	54	43	35	30	39	33	28	36	31	27	33	28	25	25	25	25	23
9	53	41	33	28	51	39	32	27	36	30	25	33	28	24	30	26	23	23	23	23	21
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	20	20	20	19

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

	0°	90°	180°	270°
0°	8357	8357	8357	8357
5°	8422	8436	8422	6633
10°	8369	8310	8369	5941
15°	8281	8130	8281	6788
20°	8111	7916	8111	6802
25°	7760	7605	7760	6658
30°	7304	7347	7304	6342
35°	6515	7021	6515	5994
40°	5432	6636	5432	5731
45°	4857	6186	4857	5429
50°	5163	5649	5163	5126
55°	4863	5070	4863	4950
60°	5019	4306	5019	4534
65°	4558	3560	4558	3979
70°	3163	2837	3163	3335
75°	2785	2097	2785	2511
80°	2260	1386	2260	1510
85°	1325	734	1325	624

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 7439 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	243.9	2.6
10°-20°	692.4	7.3
20°-30°	1070.4	11.3
30°-40°	1277.8	13.5
40°-50°	1285.3	13.6
50°-60°	1118.4	11.8
60°-70°	792.9	8.4
70°-80°	419.5	4.4
80°-90°	105.9	1.1
90°-100°	185.9	2.0
100°-110°	488.8	5.2
110°-120°	506.9	5.3
120°-130°	406.6	4.3
130°-140°	319.0	3.4
140°-150°	244.9	2.6
150°-160°	176.3	1.9
160°-170°	107.9	1.1
170°-180°	36.5	0.4
0°-30°	2006.7	21.2
0°-40°	3284.5	34.6
0°-60°	5688.2	60.0
0°-90°	7006.5	73.9
90°-120°	1181.6	12.5
90°-150°	2152.0	22.7
90°-180°	2473.0	26.1
0°-180°	9479.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2702	2702	2702	2702	2702	
5°	2715	2799	2715	2201	2715	258
15°	2592	2773	2592	2316	2592	729
25°	2283	2587	2283	2265	2283	1048
35°	1736	2308	1736	1971	1736	1074
45°	1120	1902	1120	1669	1120	897
55°	912	1403	912	1370	912	839
65°	634	846	634	946	634	606
75°	240	401	240	480	240	253
85°	41	102	41	87	41	55
90°	3	10	3	10	3	4
95°	24	112	24	112	24	27
105°	88	765	88	765	88	93
115°	156	986	156	986	156	154
125°	218	785	218	785	218	193
135°	259	609	259	609	259	201
145°	301	494	301	494	301	188
155°	340	426	340	426	340	156
165°	367	396	367	396	367	104
175°	381	384	381	384	381	36
180°	381	381	381	381	381	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2724.8	2724.8	2740.1	2745.2	2745.2	2737.6	2729.9	2737.6	2760.6	2768.2	2765.7
5°	2714.6	2735.0	2763.1	2768.2	2773.3	2770.8	2765.7	2770.8	2796.3	2801.5	2804.0
7.5°	2694.1	2732.4	2768.2	2775.9	2783.6	2775.9	2773.3	2778.5	2804.0	2809.1	2809.1
10°	2668.5	2722.2	2763.1	2768.2	2775.9	2768.2	2768.2	2778.5	2804.0	2809.1	2811.7
12.5°	2632.8	2706.9	2745.2	2750.3	2760.6	2758.0	2755.5	2765.7	2791.2	2796.3	2796.3
15°	2591.9	2678.8	2714.6	2719.7	2737.6	2732.4	2732.4	2742.7	2770.8	2778.5	2775.9
17.5°	2535.6	2643.0	2683.9	2691.6	2704.3	2701.8	2704.3	2714.6	2740.1	2745.2	2747.8
20°	2471.7	2594.4	2643.0	2650.7	2663.4	2663.4	2663.4	2676.2	2701.8	2712.0	2712.0
22.5°	2384.8	2543.3	2594.4	2599.5	2614.9	2614.9	2620.0	2637.9	2660.9	2663.4	2663.4
25°	2282.6	2487.1	2530.5	2545.9	2561.2	2568.9	2576.5	2586.8	2594.4	2591.9	2594.4
27.5°	2175.2	2415.5	2471.7	2482.0	2502.4	2510.1	2520.3	2522.9	2525.4	2533.1	2528.0
30°	2055.0	2315.8	2400.2	2410.4	2443.6	2448.7	2438.5	2443.6	2456.4	2461.5	2466.6
32.5°	1919.6	2167.5	2326.0	2349.0	2379.7	2364.4	2361.8	2369.5	2389.9	2389.9	2395.1
35°	1735.5	2052.5	2257.0	2277.5	2300.5	2282.6	2292.8	2295.4	2308.2	2315.8	2313.3
37.5°	1533.6	1952.8	2185.4	2200.7	2218.6	2195.6	2210.9	2218.6	2228.8	2223.7	2223.7
40°	1354.7	1796.9	2101.0	2111.3	2126.6	2108.7	2124.0	2129.1	2134.3	2129.1	2126.6
42.5°	1221.8	1625.6	2011.6	2024.4	2014.1	2026.9	2032.0	2042.2	2034.6	2024.4	2024.4
45°	1119.5	1579.6	1914.4	1929.8	1914.4	1934.9	1942.6	1942.6	1919.6	1914.4	1911.9
47.5°	1086.3	1487.6	1817.3	1817.3	1809.6	1835.2	1848.0	1830.1	1807.1	1799.4	1799.4
50°	1083.7	1385.4	1684.4	1674.2	1710.0	1740.6	1727.9	1710.0	1692.1	1664.0	1664.0
52.5°	984.1	1260.1	1513.2	1551.5	1607.7	1625.6	1605.2	1587.3	1556.6	1543.8	1533.6
55°	912.5	1129.8	1357.2	1433.9	1492.7	1515.7	1477.4	1459.5	1413.5	1405.8	1400.7
57.5°	897.2	940.6	1214.1	1311.2	1382.8	1380.2	1357.2	1324.0	1285.7	1278.0	1275.4
60°	823.0	679.9	1060.7	1175.8	1249.9	1242.2	1221.8	1191.1	1155.3	1150.2	1145.1
62.5°	746.4	493.3	886.9	1017.3	1122.1	1119.5	1101.6	1055.6	1030.1	1017.3	1007.1
65°	633.9	414.1	631.3	846.0	996.8	1002.0	963.6	930.4	902.3	886.9	884.4
67.5°	483.1	337.4	426.9	705.5	876.7	871.6	823.0	807.7	771.9	764.2	748.9
70°	357.8	224.9	296.5	572.5	759.1	746.4	708.0	690.1	656.9	639.0	628.8
72.5°	296.5	181.5	217.3	444.7	639.0	623.7	590.4	570.0	541.9	526.5	516.3
75°	240.3	191.7	166.1	329.7	518.9	508.6	478.0	457.5	434.5	414.1	416.6
77.5°	176.4	178.9	132.9	242.8	411.5	396.2	378.3	352.7	342.5	322.1	322.1
80°	132.9	140.6	99.7	166.1	296.5	296.5	281.2	263.3	245.4	235.2	235.2
82.5°	89.5	89.5	74.1	104.8	201.9	194.3	184.0	178.9	168.7	163.6	163.6
85°	40.9	51.1	46.0	63.9	109.9	115.0	115.0	109.9	107.4	102.2	104.8
87.5°	12.8	23.0	28.1	35.8	56.2	58.8	61.3	61.3	61.3	63.9	63.9
90°	2.6	4.6	6.6	7.2	11.2	16.7	19.4	17.3	13.0	9.7	9.7
92.5°	10.2	27.6	45.1	49.4	69.4	96.2	109.6	96.0	68.9	48.6	46.7
95°	24.5	56.4	88.3	96.3	170.9	270.5	320.3	285.8	216.8	165.1	159.2
97.5°	42.5	70.6	98.7	105.7	230.2	396.3	479.2	457.4	413.9	381.2	370.0
100°	56.3	81.8	107.3	113.7	251.9	436.1	528.2	529.8	532.9	535.3	522.0
102.5°	68.1	91.8	115.6	121.6	261.7	448.6	542.0	569.7	625.2	666.9	655.4
105°	88.1	108.2	128.3	133.3	269.1	449.9	540.4	602.6	727.1	820.5	814.3
107.5°	108.5	127.3	146.1	150.8	270.4	429.9	509.7	596.5	770.1	900.4	901.8
110°	122.3	139.3	156.3	160.5	268.4	412.2	484.1	581.1	775.2	920.8	927.2



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	136.0	152.1	168.3	172.3	268.5	396.7	460.8	560.2	758.8	907.8	917.6
115°	156.4	171.3	186.2	190.0	270.9	378.9	432.9	528.6	719.9	863.5	877.0
117.5°	176.6	190.2	203.7	207.1	276.0	367.8	413.7	500.1	672.8	802.3	817.4
120°	188.4	201.2	213.9	217.1	280.1	364.0	406.0	484.9	642.7	761.1	775.7
122.5°	200.0	212.8	225.6	228.8	285.9	362.0	400.1	471.2	613.3	719.9	734.3
125°	217.6	229.4	241.1	244.0	293.9	360.5	393.7	454.0	574.8	665.3	678.6
127.5°	231.9	243.8	255.6	258.6	301.9	359.5	388.3	440.1	543.8	621.5	632.8
130°	239.6	252.4	265.1	268.3	307.7	360.1	386.3	432.5	524.7	593.9	604.3
132.5°	247.6	260.3	273.1	276.2	312.3	360.5	384.5	425.8	508.5	570.4	579.7
135°	259.3	270.9	282.5	285.4	317.5	360.1	381.4	416.0	485.2	537.1	545.1
137.5°	271.4	282.9	294.3	297.2	325.1	362.4	380.9	410.2	468.6	512.5	519.0
140°	281.3	291.9	302.5	305.2	329.8	362.7	379.1	404.4	454.9	492.8	498.9
142.5°	289.0	298.8	308.6	311.1	333.7	364.0	379.1	401.3	445.7	479.0	484.3
145°	300.8	309.4	317.9	320.0	338.8	364.0	376.6	394.7	431.0	458.2	462.2
147.5°	312.6	320.9	329.2	331.3	346.3	366.5	376.6	390.9	419.4	440.8	444.1
150°	320.3	327.8	335.3	337.1	350.3	367.8	376.6	388.7	412.8	430.9	433.5
152.5°	328.2	333.9	339.5	341.0	352.8	368.7	376.6	386.9	407.5	422.9	425.0
155°	339.9	344.1	348.4	349.4	358.4	370.5	376.6	384.8	401.2	413.5	414.8
157.5°	348.6	352.7	356.9	357.9	364.1	372.4	376.6	383.0	395.7	405.2	406.1
160°	354.6	357.8	361.0	361.8	366.7	373.3	376.6	382.0	392.9	401.1	401.6
162.5°	360.5	362.9	365.3	365.8	369.4	374.2	376.6	381.2	390.4	397.3	397.8
165°	366.9	369.0	371.2	371.7	373.3	375.5	376.6	379.9	386.5	391.4	391.9
167.5°	372.8	373.8	374.8	375.1	376.4	378.2	379.1	381.3	385.6	388.9	389.1
170°	376.6	377.6	378.6	378.9	379.0	379.1	379.1	381.3	385.6	388.9	388.9
172.5°	378.6	378.9	379.1	379.1	379.1	379.1	379.1	380.8	384.3	386.8	386.6
175°	381.4	381.4	381.4	381.4	380.7	379.7	379.1	380.2	382.4	384.0	384.0
177.5°	381.4	381.4	381.4	381.4	380.8	380.1	379.7	380.5	382.2	383.5	383.2
180°	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2770.8	2763.1	2770.8	2765.7	2768.2	2760.6	2737.6	2729.9	2737.6	2745.2	2745.2
5°	2804.0	2798.9	2804.0	2804.0	2801.5	2796.3	2770.8	2765.7	2770.8	2773.3	2768.2
7.5°	2814.2	2806.6	2814.2	2809.1	2809.1	2804.0	2778.5	2773.3	2775.9	2783.6	2775.9
10°	2814.2	2806.6	2814.2	2811.7	2809.1	2804.0	2778.5	2768.2	2768.2	2775.9	2768.2
12.5°	2801.5	2796.3	2801.5	2796.3	2796.3	2791.2	2765.7	2755.5	2758.0	2760.6	2750.3
15°	2781.0	2773.3	2781.0	2775.9	2778.5	2770.8	2742.7	2732.4	2732.4	2737.6	2719.7
17.5°	2750.3	2740.1	2750.3	2747.8	2745.2	2740.1	2714.6	2704.3	2701.8	2704.3	2691.6
20°	2714.6	2706.9	2714.6	2712.0	2712.0	2701.8	2676.2	2663.4	2663.4	2663.4	2650.7
22.5°	2658.3	2650.7	2658.3	2663.4	2663.4	2660.9	2637.9	2620.0	2614.9	2614.9	2599.5
25°	2594.4	2586.8	2594.4	2594.4	2591.9	2594.4	2586.8	2576.5	2568.9	2561.2	2545.9
27.5°	2533.1	2528.0	2533.1	2528.0	2533.1	2525.4	2522.9	2520.3	2510.1	2502.4	2482.0
30°	2471.7	2466.6	2471.7	2466.6	2461.5	2456.4	2443.6	2438.5	2448.7	2443.6	2410.4
32.5°	2395.1	2389.9	2395.1	2395.1	2389.9	2389.9	2369.5	2361.8	2364.4	2379.7	2349.0
35°	2315.8	2308.2	2315.8	2313.3	2315.8	2308.2	2295.4	2292.8	2282.6	2300.5	2277.5
37.5°	2223.7	2216.1	2223.7	2223.7	2223.7	2228.8	2218.6	2210.9	2195.6	2218.6	2200.7
40°	2129.1	2118.9	2129.1	2126.6	2129.1	2134.3	2129.1	2124.0	2108.7	2126.6	2111.3
42.5°	2021.8	2019.2	2021.8	2024.4	2024.4	2034.6	2042.2	2032.0	2026.9	2014.1	2024.4
45°	1906.8	1901.7	1906.8	1911.9	1914.4	1919.6	1942.6	1942.6	1934.9	1914.4	1929.8
47.5°	1784.1	1771.3	1784.1	1799.4	1799.4	1807.1	1830.1	1848.0	1835.2	1809.6	1817.3
50°	1653.7	1656.3	1653.7	1664.0	1664.0	1692.1	1710.0	1727.9	1740.6	1710.0	1674.2
52.5°	1525.9	1523.4	1525.9	1533.6	1543.8	1556.6	1587.3	1605.2	1625.6	1607.7	1551.5
55°	1398.1	1403.2	1398.1	1400.7	1405.8	1413.5	1459.5	1477.4	1515.7	1492.7	1433.9
57.5°	1270.3	1262.7	1270.3	1275.4	1278.0	1285.7	1324.0	1357.2	1380.2	1382.8	1311.2
60°	1122.1	1111.9	1122.1	1145.1	1150.2	1155.3	1191.1	1221.8	1242.2	1249.9	1175.8
62.5°	991.7	973.8	991.7	1007.1	1017.3	1030.1	1055.6	1101.6	1119.5	1122.1	1017.3
65°	853.7	846.0	853.7	884.4	886.9	902.3	930.4	963.6	1002.0	996.8	846.0
67.5°	728.5	728.5	728.5	748.9	764.2	771.9	807.7	823.0	871.6	876.7	705.5
70°	613.4	610.9	613.4	628.8	639.0	656.9	690.1	708.0	746.4	759.1	572.5
72.5°	503.5	501.0	503.5	516.3	526.5	541.9	570.0	590.4	623.7	639.0	444.7
75°	406.4	401.3	406.4	416.6	414.1	434.5	457.5	478.0	508.6	518.9	329.7
77.5°	311.8	311.8	311.8	322.1	322.1	342.5	352.7	378.3	396.2	411.5	242.8
80°	232.6	230.0	232.6	235.2	235.2	245.4	263.3	281.2	296.5	296.5	166.1
82.5°	163.6	158.5	163.6	163.6	163.6	168.7	178.9	184.0	194.3	201.9	104.8
85°	102.2	102.2	102.2	104.8	102.2	107.4	109.9	115.0	115.0	109.9	63.9
87.5°	66.5	63.9	66.5	63.9	63.9	61.3	61.3	61.3	58.8	56.2	35.8
90°	9.7	9.7	9.7	9.7	9.7	13.0	17.3	19.4	16.7	11.2	7.2
92.5°	39.0	31.3	39.0	46.7	48.6	68.9	96.0	109.6	96.2	69.4	49.4
95°	135.8	112.4	135.8	159.2	165.1	216.8	285.8	320.3	270.5	170.9	96.3
97.5°	325.5	280.8	325.5	370.0	381.2	413.9	457.4	479.2	396.3	230.2	105.7
100°	468.9	415.8	468.9	522.0	535.3	532.9	529.8	528.2	436.1	251.9	113.7
102.5°	609.9	564.4	609.9	655.4	666.9	625.2	569.7	542.0	448.6	261.7	121.6
105°	789.9	765.4	789.9	814.3	820.5	727.1	602.6	540.4	449.9	269.1	133.3
107.5°	907.8	913.7	907.8	901.8	900.4	770.1	596.5	509.7	429.9	270.4	150.8
110°	952.7	978.2	952.7	927.2	920.8	775.2	581.1	484.1	412.2	268.4	160.5





TEST NUMBER: P933969

CATALOG NUMBER: SQ4-FA-025U-075D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	956.7	995.8	956.7	917.6	907.8	758.8	560.2	460.8	396.7	268.5	172.3
115°	931.3	985.6	931.3	877.0	863.5	719.9	528.6	432.9	378.9	270.9	190.0
117.5°	877.6	937.7	877.6	817.4	802.3	672.8	500.1	413.7	367.8	276.0	207.1
120°	834.2	892.6	834.2	775.7	761.1	642.7	484.9	406.0	364.0	280.1	217.1
122.5°	792.0	849.7	792.0	734.3	719.9	613.3	471.2	400.1	362.0	285.9	228.8
125°	731.7	784.9	731.7	678.6	665.3	574.8	454.0	393.7	360.5	293.9	244.0
127.5°	677.6	722.4	677.6	632.8	621.5	543.8	440.1	388.3	359.5	301.9	258.6
130°	645.7	687.1	645.7	604.3	593.9	524.7	432.5	386.3	360.1	307.7	268.3
132.5°	616.8	653.8	616.8	579.7	570.4	508.5	425.8	384.5	360.5	312.3	276.2
135°	577.1	609.0	577.1	545.1	537.1	485.2	416.0	381.4	360.1	317.5	285.4
137.5°	545.2	571.4	545.2	519.0	512.5	468.6	410.2	380.9	362.4	325.1	297.2
140°	523.4	547.8	523.4	498.9	492.8	454.9	404.4	379.1	362.7	329.8	305.2
142.5°	505.3	526.4	505.3	484.3	479.0	445.7	401.3	379.1	364.0	333.7	311.1
145°	478.1	494.1	478.1	462.2	458.2	431.0	394.7	376.6	364.0	338.8	320.0
147.5°	457.4	470.6	457.4	444.1	440.8	419.4	390.9	376.6	366.5	346.3	331.3
150°	444.2	454.9	444.2	433.5	430.9	412.8	388.7	376.6	367.8	350.3	337.1
152.5°	433.0	441.1	433.0	425.0	422.9	407.5	386.9	376.6	368.7	352.8	341.0
155°	420.1	425.5	420.1	414.8	413.5	401.2	384.8	376.6	370.5	358.4	349.4
157.5°	410.0	413.7	410.0	406.1	405.2	395.7	383.0	376.6	372.4	364.1	357.9
160°	403.8	406.0	403.8	401.6	401.1	392.9	382.0	376.6	373.3	366.7	361.8
162.5°	399.8	401.9	399.8	397.8	397.3	390.4	381.2	376.6	374.2	369.4	365.8
165°	394.1	396.3	394.1	391.9	391.4	386.5	379.9	376.6	375.5	373.3	371.7
167.5°	390.0	390.9	390.0	389.1	388.9	385.6	381.3	379.1	378.2	376.4	375.1
170°	388.9	388.9	388.9	388.9	388.9	385.6	381.3	379.1	379.1	379.0	378.9
172.5°	385.8	385.0	385.8	386.6	386.8	384.3	380.8	379.1	379.1	379.1	379.1
175°	384.0	384.0	384.0	384.0	384.0	382.4	380.2	379.1	379.7	380.7	381.4
177.5°	382.4	381.4	382.4	383.2	383.5	382.2	380.5	379.7	380.1	380.8	381.4
180°	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4



TEST NUMBER: P933969

CATALOG NUMBER: SQ4-FA-025U-075D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2740.1	2724.8	2724.8	2699.2	2689.0	2681.3	2668.5	2630.2	2620.0	2609.8	2625.1
5°	2763.1	2735.0	2714.6	2668.5	2630.2	2614.9	2566.3	2474.3	2412.9	2366.9	2341.4
7.5°	2768.2	2732.4	2694.1	2622.5	2530.5	2489.6	2341.4	2172.6	2126.6	2085.7	2060.1
10°	2763.1	2722.2	2668.5	2561.2	2343.9	2272.4	2124.0	2014.1	1986.0	1978.3	1986.0
12.5°	2745.2	2706.9	2632.8	2453.8	2149.6	2101.0	2014.1	1950.2	1945.1	1957.9	2026.9
15°	2714.6	2678.8	2591.9	2310.7	2042.2	2006.5	1945.1	1922.1	1950.2	2039.7	2246.7
17.5°	2683.9	2643.0	2535.6	2170.0	1960.5	1934.9	1891.4	1937.4	2095.9	2216.1	2285.1
20°	2643.0	2594.4	2471.7	2067.8	1901.7	1878.7	1858.2	2065.2	2185.4	2228.8	2267.3
22.5°	2594.4	2543.3	2384.8	1996.2	1840.3	1822.4	1835.2	2136.8	2185.4	2216.1	2249.3
25°	2530.5	2487.1	2282.6	1940.0	1791.8	1771.3	1819.9	2129.1	2157.3	2164.9	2231.4
27.5°	2471.7	2415.5	2175.2	1888.9	1733.0	1725.3	1832.7	2095.9	2116.4	2124.0	2195.6
30°	2400.2	2315.8	2055.0	1835.2	1671.6	1669.1	1835.2	2055.0	2049.9	2070.4	2141.9
32.5°	2326.0	2167.5	1919.6	1768.8	1612.8	1610.3	1817.3	1993.7	1988.6	2016.7	2070.4
35°	2257.0	2052.5	1735.5	1692.1	1538.7	1541.3	1773.9	1922.1	1924.7	1950.2	1983.5
37.5°	2185.4	1952.8	1533.6	1607.7	1467.1	1467.1	1715.1	1855.7	1850.5	1858.2	1904.2
40°	2101.0	1796.9	1354.7	1497.8	1400.7	1393.0	1643.5	1784.1	1766.2	1763.6	1827.5
42.5°	2011.6	1625.6	1221.8	1352.1	1324.0	1313.8	1556.6	1697.2	1664.0	1671.6	1753.4
45°	1914.4	1579.6	1119.5	1142.5	1244.8	1237.1	1462.0	1597.5	1574.5	1594.9	1679.3
47.5°	1817.3	1487.6	1086.3	948.3	1160.4	1157.9	1357.2	1500.4	1487.6	1508.0	1597.5
50°	1684.4	1385.4	1083.7	812.8	1065.9	1076.1	1232.0	1405.8	1405.8	1423.7	1518.3
52.5°	1513.2	1260.1	984.1	736.1	955.9	986.6	1122.1	1324.0	1329.1	1347.0	1431.4
55°	1357.2	1129.8	912.5	677.3	825.6	892.0	1014.7	1239.7	1249.9	1267.8	1344.5
57.5°	1214.1	940.6	897.2	608.3	705.5	769.4	920.2	1157.9	1163.0	1178.3	1252.4
60°	1060.7	679.9	823.0	534.2	600.7	649.2	833.3	1060.7	1078.6	1088.9	1152.8
62.5°	886.9	493.3	746.4	483.1	549.5	559.8	761.7	968.7	991.7	999.4	1037.7
65°	631.3	414.1	633.9	439.6	495.9	498.4	685.0	874.2	894.6	907.4	935.5
67.5°	426.9	337.4	483.1	398.7	455.0	457.5	610.9	764.2	792.4	802.6	820.5
70°	296.5	224.9	357.8	355.3	409.0	414.1	531.6	664.6	690.1	697.8	708.0
72.5°	217.3	181.5	296.5	319.5	360.4	365.5	449.9	552.1	577.7	585.3	590.4
75°	166.1	191.7	240.3	278.6	306.7	309.3	368.1	449.9	467.7	472.9	475.4
77.5°	132.9	178.9	176.4	224.9	250.5	245.4	288.8	347.6	363.0	363.0	363.0
80°	99.7	140.6	132.9	161.0	184.0	178.9	207.0	247.9	253.0	258.2	255.6
82.5°	74.1	89.5	89.5	102.2	122.7	117.6	138.0	161.0	161.0	161.0	166.1
85°	46.0	51.1	40.9	53.7	69.0	66.5	76.7	86.9	89.5	89.5	84.3
87.5°	28.1	23.0	12.8	20.4	30.7	30.7	35.8	38.3	35.8	35.8	35.8
90°	6.6	4.6	2.6	4.6	6.6	7.2	11.2	16.7	19.4	17.3	13.0
92.5°	45.1	27.6	10.2	27.6	45.1	49.4	69.4	96.2	109.6	96.0	68.9
95°	88.3	56.4	24.5	56.4	88.3	96.3	170.9	270.5	320.3	285.8	216.8
97.5°	98.7	70.6	42.5	70.6	98.7	105.7	230.2	396.3	479.2	457.4	413.9
100°	107.3	81.8	56.3	81.8	107.3	113.7	251.9	436.1	528.2	529.8	532.9
102.5°	115.6	91.8	68.1	91.8	115.6	121.6	261.7	448.6	542.0	569.7	625.2
105°	128.3	108.2	88.1	108.2	128.3	133.3	269.1	449.9	540.4	602.6	727.1
107.5°	146.1	127.3	108.5	127.3	146.1	150.8	270.4	429.9	509.7	596.5	770.1
110°	156.3	139.3	122.3	139.3	156.3	160.5	268.4	412.2	484.1	581.1	775.2



TEST NUMBER: P933969

CATALOG NUMBER: SQ4-FA-025U-075D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	168.3	152.1	136.0	152.1	168.3	172.3	268.5	396.7	460.8	560.2	758.8
115°	186.2	171.3	156.4	171.3	186.2	190.0	270.9	378.9	432.9	528.6	719.9
117.5°	203.7	190.2	176.6	190.2	203.7	207.1	276.0	367.8	413.7	500.1	672.8
120°	213.9	201.2	188.4	201.2	213.9	217.1	280.1	364.0	406.0	484.9	642.7
122.5°	225.6	212.8	200.0	212.8	225.6	228.8	285.9	362.0	400.1	471.2	613.3
125°	241.1	229.4	217.6	229.4	241.1	244.0	293.9	360.5	393.7	454.0	574.8
127.5°	255.6	243.8	231.9	243.8	255.6	258.6	301.9	359.5	388.3	440.1	543.8
130°	265.1	252.4	239.6	252.4	265.1	268.3	307.7	360.1	386.3	432.5	524.7
132.5°	273.1	260.3	247.6	260.3	273.1	276.2	312.3	360.5	384.5	425.8	508.5
135°	282.5	270.9	259.3	270.9	282.5	285.4	317.5	360.1	381.4	416.0	485.2
137.5°	294.3	282.9	271.4	282.9	294.3	297.2	325.1	362.4	380.9	410.2	468.6
140°	302.5	291.9	281.3	291.9	302.5	305.2	329.8	362.7	379.1	404.4	454.9
142.5°	308.6	298.8	289.0	298.8	308.6	311.1	333.7	364.0	379.1	401.3	445.7
145°	317.9	309.4	300.8	309.4	317.9	320.0	338.8	364.0	376.6	394.7	431.0
147.5°	329.2	320.9	312.6	320.9	329.2	331.3	346.3	366.5	376.6	390.9	419.4
150°	335.3	327.8	320.3	327.8	335.3	337.1	350.3	367.8	376.6	388.7	412.8
152.5°	339.5	333.9	328.2	333.9	339.5	341.0	352.8	368.7	376.6	386.9	407.5
155°	348.4	344.1	339.9	344.1	348.4	349.4	358.4	370.5	376.6	384.8	401.2
157.5°	356.9	352.7	348.6	352.7	356.9	357.9	364.1	372.4	376.6	383.0	395.7
160°	361.0	357.8	354.6	357.8	361.0	361.8	366.7	373.3	376.6	382.0	392.9
162.5°	365.3	362.9	360.5	362.9	365.3	365.8	369.4	374.2	376.6	381.2	390.4
165°	371.2	369.0	366.9	369.0	371.2	371.7	373.3	375.5	376.6	379.9	386.5
167.5°	374.8	373.8	372.8	373.8	374.8	375.1	376.4	378.2	379.1	381.3	385.6
170°	378.6	377.6	376.6	377.6	378.6	378.9	379.0	379.1	379.1	381.3	385.6
172.5°	379.1	378.9	378.6	378.9	379.1	379.1	379.1	379.1	379.1	380.8	384.3
175°	381.4	381.4	381.4	381.4	381.4	381.4	380.7	379.7	379.1	380.2	382.4
177.5°	381.4	381.4	381.4	381.4	381.4	381.4	380.8	380.1	379.7	380.5	382.2
180°	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4



TEST NUMBER: P933969  
 CATALOG NUMBER: SQ4-FA-025U-075D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2607.2	2599.5	2609.8	2581.6	2609.8	2599.5	2607.2	2625.1	2609.8	2620.0	2630.2
5°	2287.7	2274.9	2233.9	2200.7	2233.9	2274.9	2287.7	2341.4	2366.9	2412.9	2474.3
7.5°	2044.8	2034.6	2024.4	2003.9	2024.4	2034.6	2044.8	2060.1	2085.7	2126.6	2172.6
10°	1991.1	1993.7	2009.0	2006.5	2009.0	1993.7	1991.1	1986.0	1978.3	1986.0	2014.1
12.5°	2129.1	2152.2	2236.5	2231.4	2236.5	2152.2	2129.1	2026.9	1957.9	1945.1	1950.2
15°	2287.7	2295.4	2313.3	2315.8	2313.3	2295.4	2287.7	2246.7	2039.7	1950.2	1922.1
17.5°	2303.0	2305.6	2318.4	2318.4	2318.4	2305.6	2303.0	2285.1	2216.1	2095.9	1937.4
20°	2290.3	2295.4	2320.9	2326.0	2320.9	2295.4	2290.3	2267.3	2228.8	2185.4	2065.2
22.5°	2285.1	2295.4	2315.8	2313.3	2315.8	2295.4	2285.1	2249.3	2216.1	2185.4	2136.8
25°	2259.6	2259.6	2262.1	2264.7	2262.1	2259.6	2259.6	2231.4	2164.9	2157.3	2129.1
27.5°	2205.8	2210.9	2226.3	2223.7	2226.3	2210.9	2205.8	2195.6	2124.0	2116.4	2095.9
30°	2157.3	2152.2	2139.4	2129.1	2139.4	2152.2	2157.3	2141.9	2070.4	2049.9	2055.0
32.5°	2075.5	2062.7	2049.9	2042.2	2049.9	2062.7	2075.5	2070.4	2016.7	1988.6	1993.7
35°	1978.3	1980.9	1978.3	1970.7	1978.3	1980.9	1978.3	1983.5	1950.2	1924.7	1922.1
37.5°	1909.3	1914.4	1911.9	1901.7	1911.9	1914.4	1909.3	1904.2	1858.2	1850.5	1855.7
40°	1837.8	1840.3	1837.8	1830.1	1837.8	1840.3	1837.8	1827.5	1763.6	1766.2	1784.1
42.5°	1768.8	1766.2	1758.5	1753.4	1758.5	1766.2	1768.8	1753.4	1671.6	1664.0	1697.2
45°	1689.5	1692.1	1676.7	1669.1	1676.7	1692.1	1689.5	1679.3	1594.9	1574.5	1597.5
47.5°	1610.3	1610.3	1597.5	1589.8	1597.5	1610.3	1610.3	1597.5	1508.0	1487.6	1500.4
50°	1525.9	1523.4	1505.5	1502.9	1505.5	1523.4	1525.9	1518.3	1423.7	1405.8	1405.8
52.5°	1428.8	1428.8	1431.4	1436.5	1431.4	1428.8	1428.8	1431.4	1347.0	1329.1	1324.0
55°	1344.5	1347.0	1364.9	1370.0	1364.9	1347.0	1344.5	1344.5	1267.8	1249.9	1239.7
57.5°	1257.6	1257.6	1270.3	1270.3	1270.3	1257.6	1257.6	1252.4	1178.3	1163.0	1157.9
60°	1157.9	1163.0	1173.2	1170.6	1173.2	1163.0	1157.9	1152.8	1088.9	1078.6	1060.7
62.5°	1053.1	1058.2	1060.7	1055.6	1060.7	1058.2	1053.1	1037.7	999.4	991.7	968.7
65°	943.2	948.3	950.8	945.7	950.8	948.3	943.2	935.5	907.4	894.6	874.2
67.5°	830.7	828.1	825.6	835.8	825.6	828.1	830.7	820.5	802.6	792.4	764.2
70°	715.7	715.7	713.1	718.2	713.1	715.7	715.7	708.0	697.8	690.1	664.6
72.5°	593.0	590.4	600.7	593.0	600.7	590.4	593.0	590.4	585.3	577.7	552.1
75°	472.9	478.0	472.9	480.5	472.9	478.0	472.9	475.4	472.9	467.7	449.9
77.5°	360.4	365.5	360.4	360.4	360.4	365.5	360.4	363.0	363.0	363.0	347.6
80°	255.6	253.0	253.0	250.5	253.0	253.0	255.6	255.6	258.2	253.0	247.9
82.5°	163.6	161.0	161.0	166.1	161.0	161.0	163.6	166.1	161.0	161.0	161.0
85°	89.5	92.0	86.9	86.9	86.9	92.0	89.5	84.3	89.5	89.5	86.9
87.5°	33.2	30.7	30.7	30.7	30.7	30.7	33.2	35.8	35.8	35.8	38.3
90°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	13.0	17.3	19.4	16.7
92.5°	48.6	46.7	39.0	31.3	39.0	46.7	48.6	68.9	96.0	109.6	96.2
95°	165.1	159.2	135.8	112.4	135.8	159.2	165.1	216.8	285.8	320.3	270.5
97.5°	381.2	370.0	325.5	280.8	325.5	370.0	381.2	413.9	457.4	479.2	396.3
100°	535.3	522.0	468.9	415.8	468.9	522.0	535.3	532.9	529.8	528.2	436.1
102.5°	666.9	655.4	609.9	564.4	609.9	655.4	666.9	625.2	569.7	542.0	448.6
105°	820.5	814.3	789.9	765.4	789.9	814.3	820.5	727.1	602.6	540.4	449.9
107.5°	900.4	901.8	907.8	913.7	907.8	901.8	900.4	770.1	596.5	509.7	429.9
110°	920.8	927.2	952.7	978.2	952.7	927.2	920.8	775.2	581.1	484.1	412.2



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	907.8	917.6	956.7	995.8	956.7	917.6	907.8	758.8	560.2	460.8	396.7
115°	863.5	877.0	931.3	985.6	931.3	877.0	863.5	719.9	528.6	432.9	378.9
117.5°	802.3	817.4	877.6	937.7	877.6	817.4	802.3	672.8	500.1	413.7	367.8
120°	761.1	775.7	834.2	892.6	834.2	775.7	761.1	642.7	484.9	406.0	364.0
122.5°	719.9	734.3	792.0	849.7	792.0	734.3	719.9	613.3	471.2	400.1	362.0
125°	665.3	678.6	731.7	784.9	731.7	678.6	665.3	574.8	454.0	393.7	360.5
127.5°	621.5	632.8	677.6	722.4	677.6	632.8	621.5	543.8	440.1	388.3	359.5
130°	593.9	604.3	645.7	687.1	645.7	604.3	593.9	524.7	432.5	386.3	360.1
132.5°	570.4	579.7	616.8	653.8	616.8	579.7	570.4	508.5	425.8	384.5	360.5
135°	537.1	545.1	577.1	609.0	577.1	545.1	537.1	485.2	416.0	381.4	360.1
137.5°	512.5	519.0	545.2	571.4	545.2	519.0	512.5	468.6	410.2	380.9	362.4
140°	492.8	498.9	523.4	547.8	523.4	498.9	492.8	454.9	404.4	379.1	362.7
142.5°	479.0	484.3	505.3	526.4	505.3	484.3	479.0	445.7	401.3	379.1	364.0
145°	458.2	462.2	478.1	494.1	478.1	462.2	458.2	431.0	394.7	376.6	364.0
147.5°	440.8	444.1	457.4	470.6	457.4	444.1	440.8	419.4	390.9	376.6	366.5
150°	430.9	433.5	444.2	454.9	444.2	433.5	430.9	412.8	388.7	376.6	367.8
152.5°	422.9	425.0	433.0	441.1	433.0	425.0	422.9	407.5	386.9	376.6	368.7
155°	413.5	414.8	420.1	425.5	420.1	414.8	413.5	401.2	384.8	376.6	370.5
157.5°	405.2	406.1	410.0	413.7	410.0	406.1	405.2	395.7	383.0	376.6	372.4
160°	401.1	401.6	403.8	406.0	403.8	401.6	401.1	392.9	382.0	376.6	373.3
162.5°	397.3	397.8	399.8	401.9	399.8	397.8	397.3	390.4	381.2	376.6	374.2
165°	391.4	391.9	394.1	396.3	394.1	391.9	391.4	386.5	379.9	376.6	375.5
167.5°	388.9	389.1	390.0	390.9	390.0	389.1	388.9	385.6	381.3	379.1	378.2
170°	388.9	388.9	388.9	388.9	388.9	388.9	388.9	385.6	381.3	379.1	379.1
172.5°	386.8	386.6	385.8	385.0	385.8	386.6	386.8	384.3	380.8	379.1	379.1
175°	384.0	384.0	384.0	384.0	384.0	384.0	384.0	382.4	380.2	379.1	379.7
177.5°	383.5	383.2	382.4	381.4	382.4	383.2	383.5	382.2	380.5	379.7	380.1
180°	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4	381.4



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2668.5	2681.3	2689.0	2699.2	2724.8
5°	2566.3	2614.9	2630.2	2668.5	2714.6
7.5°	2341.4	2489.6	2530.5	2622.5	2694.1
10°	2124.0	2272.4	2343.9	2561.2	2668.5
12.5°	2014.1	2101.0	2149.6	2453.8	2632.8
15°	1945.1	2006.5	2042.2	2310.7	2591.9
17.5°	1891.4	1934.9	1960.5	2170.0	2535.6
20°	1858.2	1878.7	1901.7	2067.8	2471.7
22.5°	1835.2	1822.4	1840.3	1996.2	2384.8
25°	1819.9	1771.3	1791.8	1940.0	2282.6
27.5°	1832.7	1725.3	1733.0	1888.9	2175.2
30°	1835.2	1669.1	1671.6	1835.2	2055.0
32.5°	1817.3	1610.3	1612.8	1768.8	1919.6
35°	1773.9	1541.3	1538.7	1692.1	1735.5
37.5°	1715.1	1467.1	1467.1	1607.7	1533.6
40°	1643.5	1393.0	1400.7	1497.8	1354.7
42.5°	1556.6	1313.8	1324.0	1352.1	1221.8
45°	1462.0	1237.1	1244.8	1142.5	1119.5
47.5°	1357.2	1157.9	1160.4	948.3	1086.3
50°	1232.0	1076.1	1065.9	812.8	1083.7
52.5°	1122.1	986.6	955.9	736.1	984.1
55°	1014.7	892.0	825.6	677.3	912.5
57.5°	920.2	769.4	705.5	608.3	897.2
60°	833.3	649.2	600.7	534.2	823.0
62.5°	761.7	559.8	549.5	483.1	746.4
65°	685.0	498.4	495.9	439.6	633.9
67.5°	610.9	457.5	455.0	398.7	483.1
70°	531.6	414.1	409.0	355.3	357.8
72.5°	449.9	365.5	360.4	319.5	296.5
75°	368.1	309.3	306.7	278.6	240.3
77.5°	288.8	245.4	250.5	224.9	176.4
80°	207.0	178.9	184.0	161.0	132.9
82.5°	138.0	117.6	122.7	102.2	89.5
85°	76.7	66.5	69.0	53.7	40.9
87.5°	35.8	30.7	30.7	20.4	12.8
90°	11.2	7.2	6.6	4.6	2.6
92.5°	69.4	49.4	45.1	27.6	10.2
95°	170.9	96.3	88.3	56.4	24.5
97.5°	230.2	105.7	98.7	70.6	42.5
100°	251.9	113.7	107.3	81.8	56.3
102.5°	261.7	121.6	115.6	91.8	68.1
105°	269.1	133.3	128.3	108.2	88.1
107.5°	270.4	150.8	146.1	127.3	108.5
110°	268.4	160.5	156.3	139.3	122.3



TEST NUMBER: P933969

CATALOG NUMBER: SQ4-FA-025U-075D-935-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	268.5	172.3	168.3	152.1	136.0
115°	270.9	190.0	186.2	171.3	156.4
117.5°	276.0	207.1	203.7	190.2	176.6
120°	280.1	217.1	213.9	201.2	188.4
122.5°	285.9	228.8	225.6	212.8	200.0
125°	293.9	244.0	241.1	229.4	217.6
127.5°	301.9	258.6	255.6	243.8	231.9
130°	307.7	268.3	265.1	252.4	239.6
132.5°	312.3	276.2	273.1	260.3	247.6
135°	317.5	285.4	282.5	270.9	259.3
137.5°	325.1	297.2	294.3	282.9	271.4
140°	329.8	305.2	302.5	291.9	281.3
142.5°	333.7	311.1	308.6	298.8	289.0
145°	338.8	320.0	317.9	309.4	300.8
147.5°	346.3	331.3	329.2	320.9	312.6
150°	350.3	337.1	335.3	327.8	320.3
152.5°	352.8	341.0	339.5	333.9	328.2
155°	358.4	349.4	348.4	344.1	339.9
157.5°	364.1	357.9	356.9	352.7	348.6
160°	366.7	361.8	361.0	357.8	354.6
162.5°	369.4	365.8	365.3	362.9	360.5
165°	373.3	371.7	371.2	369.0	366.9
167.5°	376.4	375.1	374.8	373.8	372.8
170°	379.0	378.9	378.6	377.6	376.6
172.5°	379.1	379.1	379.1	378.9	378.6
175°	380.7	381.4	381.4	381.4	381.4
177.5°	380.8	381.4	381.4	381.4	381.4
180°	381.4	381.4	381.4	381.4	381.4



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**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.15	15.28	14.87	16.02	16.90	17.00	18.13	17.72	18.87	19.76
	3H	14.65	15.66	15.38	16.41	17.33	18.38	19.39	19.11	20.14	21.05
	4H	14.85	15.81	15.61	16.57	17.50	18.84	19.79	19.59	20.55	21.48
	6H	14.99	15.87	15.75	16.64	17.58	19.14	20.02	19.91	20.79	21.73
	8H	14.99	15.83	15.77	16.62	17.57	19.23	20.07	20.00	20.85	21.80
	12H	14.97	15.77	15.76	16.56	17.53	19.28	20.08	20.06	20.86	21.83
4H	2H	15.22	16.18	15.98	16.94	17.86	17.44	18.40	18.20	19.16	20.09
	3H	16.27	17.07	17.04	17.87	18.81	18.98	19.78	19.75	20.57	21.52
	4H	16.56	17.28	17.35	18.08	19.05	19.52	20.25	20.31	21.04	22.02
	6H	16.70	17.33	17.50	18.15	19.13	19.91	20.54	20.71	21.36	22.34
	8H	16.71	17.30	17.52	18.11	19.11	20.03	20.61	20.83	21.43	22.42
	12H	16.69	17.22	17.52	18.06	19.05	20.10	20.63	20.93	21.46	22.46
8H	4H	17.04	17.62	17.85	18.44	19.43	19.67	20.25	20.48	21.07	22.06
	6H	17.31	17.80	18.15	18.66	19.65	20.12	20.61	20.96	21.47	22.46
	8H	17.36	17.79	18.20	18.64	19.65	20.28	20.71	21.13	21.57	22.58
	12H	17.35	17.73	18.20	18.58	19.64	20.40	20.77	21.24	21.62	22.69
12H	4H	17.06	17.59	17.89	18.42	19.42	19.65	20.17	20.47	21.01	22.01
	6H	17.38	17.81	18.22	18.66	19.67	20.12	20.55	20.97	21.41	22.42
	8H	17.46	17.83	18.30	18.68	19.75	20.30	20.68	21.15	21.53	22.59