

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: P934124

Luminaire Tested: SQ4-FA-025U-125D-927-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934124
REPORT IS A COMBINATION OF REPORTS P933688 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-125D-927-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

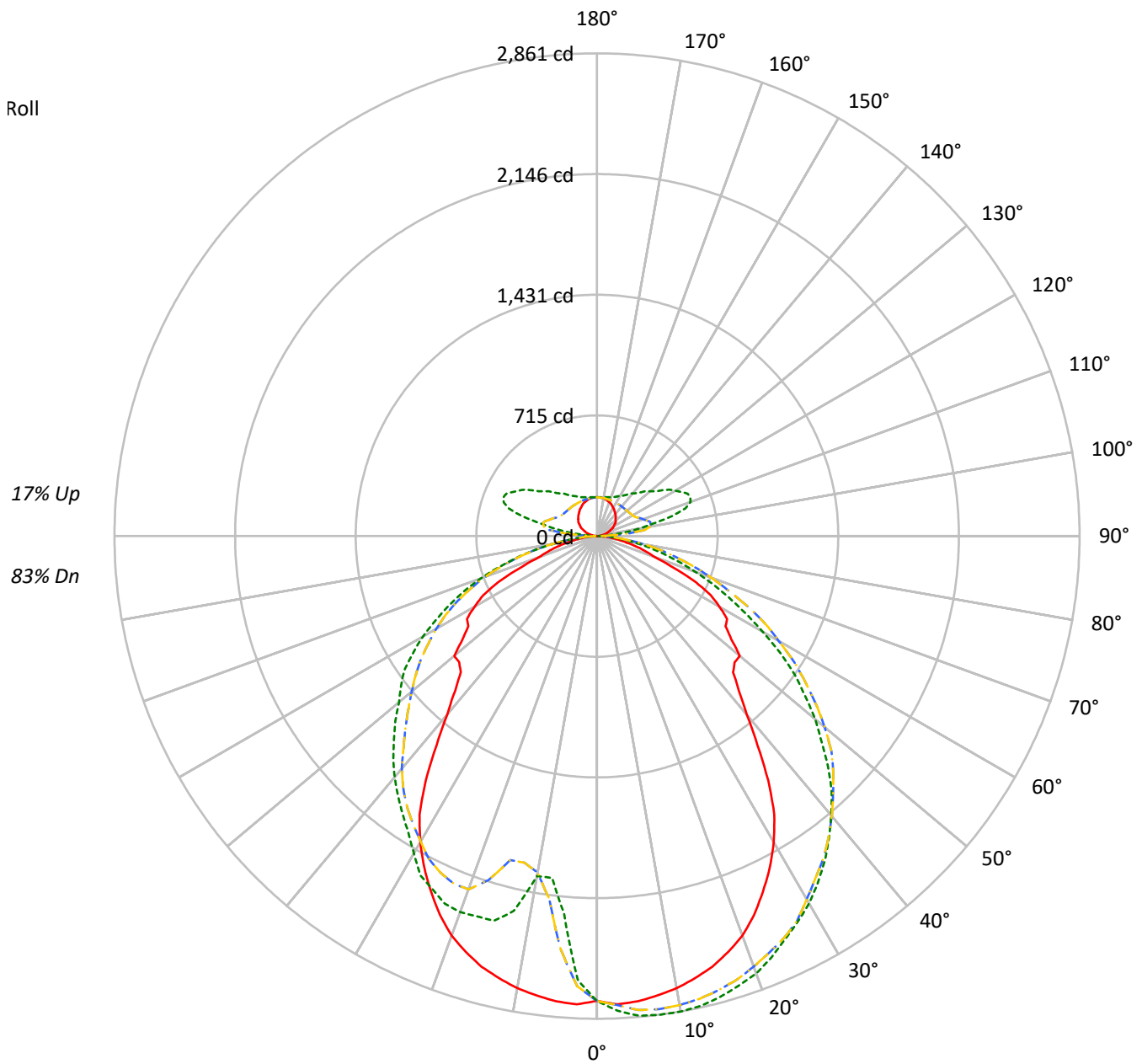
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8632.5 lumens
Efficiency: N/A
Efficacy: 87.0 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): 99.2
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				
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	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	86	86	86	83
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	73	73	73	70
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	62	62	62	59
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	52	52	52	50
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	45	45	45	43
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	39	39	39	37
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	35	35	35	32
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	31	31	31	29
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	28	28	28	26
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	25	25	25	23
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	23	23	23	21

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12779	12779	12779	12779
5°	12875	12901	12875	10144
10°	12789	12707	12789	9085
15°	12650	12432	12650	10381
20°	12385	12106	12385	10403
25°	11844	11630	11844	10182
30°	11144	11235	11144	9698
35°	9935	10736	9935	9167
40°	8278	10148	8278	8764
45°	7397	9459	7397	8302
50°	7858	8638	7858	7839
55°	7393	7754	7393	7570
60°	7621	6586	7621	6934
65°	6910	5444	6910	6085
70°	4784	4338	4784	5101
75°	4194	3207	4194	3840
80°	3381	2120	3381	2309
85°	1942	1124	1942	954

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11336 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	248.6	2.9
10°-20°	705.9	8.2
20°-30°	1091.3	12.6
30°-40°	1302.7	15.1
40°-50°	1310.4	15.2
50°-60°	1140.2	13.2
60°-70°	808.4	9.4
70°-80°	427.7	5.0
80°-90°	107.4	1.2
90°-100°	112.0	1.3
100°-110°	294.5	3.4
110°-120°	305.4	3.5
120°-130°	245.0	2.8
130°-140°	192.2	2.2
140°-150°	147.5	1.7
150°-160°	106.2	1.2
160°-170°	65.0	0.8
170°-180°	22.0	0.3
0°-30°	2045.8	23.7
0°-40°	3348.6	38.8
0°-60°	5799.1	67.2
0°-90°	7142.6	82.7
90°-120°	711.9	8.2
90°-150°	1296.7	15.0
90°-180°	1490.0	17.3
0°-180°	8632.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2754	2754	2754	2754	2754	
5°	2768	2854	2768	2244	2768	263
15°	2642	2827	2642	2361	2642	743
25°	2327	2637	2327	2309	2327	1068
35°	1769	2353	1769	2009	1769	1095
45°	1141	1939	1141	1702	1141	914
55°	930	1431	930	1397	930	855
65°	646	863	646	964	646	618
75°	245	409	245	490	245	258
85°	42	104	42	89	42	56
90°	2	6	2	6	2	3
95°	15	68	15	68	15	16
105°	53	461	53	461	53	56
115°	94	594	94	594	94	93
125°	131	473	131	473	131	116
135°	156	367	156	367	156	121
145°	181	298	181	298	181	114
155°	205	256	205	256	205	94
165°	221	239	221	239	221	62
175°	230	231	230	231	230	22
180°	230	230	230	230	230	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2777.9	2777.9	2793.5	2798.7	2798.7	2790.9	2783.1	2790.9	2814.4	2822.2	2819.6
5°	2767.5	2788.3	2817.0	2822.2	2827.4	2824.8	2819.6	2824.8	2850.8	2856.1	2858.7
7.5°	2746.6	2785.7	2822.2	2830.0	2837.8	2830.0	2827.4	2832.6	2858.7	2863.9	2863.9
10°	2720.6	2775.3	2817.0	2822.2	2830.0	2822.2	2822.2	2832.6	2858.7	2863.9	2866.5
12.5°	2684.1	2759.6	2798.7	2804.0	2814.4	2811.7	2809.2	2819.6	2845.6	2850.8	2850.8
15°	2642.4	2731.0	2767.5	2772.7	2790.9	2785.7	2785.7	2796.1	2824.8	2832.6	2830.0
17.5°	2585.0	2694.5	2736.2	2744.0	2757.1	2754.4	2757.1	2767.5	2793.5	2798.7	2801.3
20°	2519.9	2645.0	2694.5	2702.3	2715.3	2715.3	2715.3	2728.3	2754.4	2764.8	2764.8
22.5°	2431.3	2592.9	2645.0	2650.2	2665.8	2665.8	2671.1	2689.3	2712.7	2715.3	2715.3
25°	2327.1	2535.5	2579.8	2595.4	2611.1	2618.9	2626.8	2637.2	2645.0	2642.4	2645.0
27.5°	2217.6	2462.5	2519.9	2530.3	2551.2	2559.0	2569.4	2572.0	2574.6	2582.4	2577.2
30°	2095.2	2361.0	2446.9	2457.4	2491.3	2496.4	2486.0	2491.3	2504.3	2509.5	2514.7
32.5°	1957.0	2209.8	2371.4	2394.9	2426.1	2410.5	2407.9	2415.6	2436.5	2436.5	2441.7
35°	1769.4	2092.6	2301.0	2321.9	2345.3	2327.1	2337.5	2340.1	2353.1	2361.0	2358.4
37.5°	1563.6	1990.9	2228.1	2243.7	2262.0	2238.5	2254.1	2262.0	2272.3	2267.1	2267.1
40°	1381.1	1831.9	2142.1	2152.5	2168.1	2149.8	2165.5	2170.7	2175.9	2170.7	2168.1
42.5°	1245.6	1657.3	2050.8	2063.8	2053.4	2066.4	2071.7	2082.1	2074.3	2063.8	2063.8
45°	1141.4	1610.5	1951.8	1967.4	1951.8	1972.7	1980.5	1980.5	1957.0	1951.8	1949.2
47.5°	1107.5	1516.6	1852.8	1852.8	1845.0	1871.0	1884.0	1865.8	1842.4	1834.5	1834.5
50°	1104.9	1412.4	1717.3	1706.9	1743.4	1774.6	1761.6	1743.4	1725.1	1696.5	1696.5
52.5°	1003.2	1284.7	1542.7	1581.8	1639.1	1657.3	1636.5	1618.2	1587.0	1574.0	1563.6
55°	930.3	1151.8	1383.8	1461.9	1521.8	1545.3	1506.2	1487.9	1441.1	1433.3	1428.0
57.5°	914.7	959.0	1237.8	1336.8	1409.8	1407.2	1383.8	1349.9	1310.8	1302.9	1300.4
60°	839.1	693.2	1081.5	1198.7	1274.3	1266.5	1245.6	1214.4	1177.9	1172.6	1167.5
62.5°	760.9	503.0	904.2	1037.1	1144.0	1141.4	1123.1	1076.2	1050.2	1037.1	1026.7
65°	646.3	422.2	643.6	862.6	1016.3	1021.5	982.4	948.6	919.8	904.2	901.7
67.5°	492.5	344.0	435.2	719.3	893.8	888.6	839.1	823.4	787.0	779.2	763.5
70°	364.8	229.3	302.3	583.7	773.9	760.9	721.8	703.6	669.7	651.5	641.0
72.5°	302.3	185.0	221.5	453.5	651.5	635.9	602.0	581.1	552.5	536.8	526.4
75°	244.9	195.4	169.4	336.2	529.0	518.6	487.3	466.5	443.0	422.2	424.7
77.5°	179.8	182.4	135.5	247.6	419.6	403.9	385.7	359.6	349.2	328.3	328.3
80°	135.5	143.3	101.6	169.4	302.3	302.3	286.7	268.4	250.2	239.8	239.8
82.5°	91.2	91.2	75.5	106.9	205.9	198.0	187.6	182.4	172.0	166.8	166.8
85°	41.7	52.1	46.9	65.1	112.0	117.3	117.3	112.0	109.4	104.3	106.9
87.5°	13.0	23.5	28.6	36.5	57.4	59.9	62.5	62.5	62.5	65.1	65.1
90°	1.5	2.8	4.0	4.3	6.8	10.1	11.7	10.4	7.8	5.9	5.9
92.5°	6.2	16.6	27.2	29.8	41.9	58.0	66.0	57.8	41.6	29.3	28.2
95°	14.8	34.0	53.2	58.0	102.9	162.9	193.0	172.2	130.7	99.5	95.9
97.5°	25.6	42.6	59.4	63.7	138.7	238.7	288.8	275.7	249.4	229.7	223.0
100°	34.0	49.3	64.6	68.5	151.7	262.6	318.2	319.2	321.1	322.6	314.5
102.5°	41.0	55.4	69.7	73.2	157.7	270.3	326.6	343.3	376.7	401.8	394.9
105°	53.1	65.2	77.4	80.4	162.2	271.1	325.6	363.1	438.1	494.3	490.6
107.5°	65.4	76.7	88.0	90.9	162.9	259.0	307.1	359.4	464.0	542.5	543.4
110°	73.8	83.9	94.2	96.7	161.7	248.3	291.7	350.1	467.1	554.8	558.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	81.9	91.6	101.3	103.8	161.8	239.0	277.7	337.5	457.1	546.9	552.9
115°	94.2	103.2	112.2	114.4	163.2	228.3	260.8	318.5	433.8	520.3	528.5
117.5°	106.4	114.6	122.7	124.8	166.3	221.6	249.2	301.3	405.3	483.4	492.5
120°	113.5	121.2	128.9	130.8	168.8	219.4	244.6	292.1	387.2	458.5	467.3
122.5°	120.4	128.2	136.0	137.9	172.3	218.1	241.1	283.9	369.5	433.7	442.4
125°	131.1	138.2	145.2	147.0	177.1	217.2	237.2	273.6	346.3	400.9	408.9
127.5°	139.8	146.8	154.0	155.8	181.9	216.6	234.0	265.3	327.7	374.5	381.3
130°	144.4	152.1	159.7	161.6	185.3	217.0	232.8	260.6	316.2	357.8	364.1
132.5°	149.1	156.8	164.5	166.4	188.2	217.2	231.7	256.6	306.3	343.7	349.3
135°	156.2	163.2	170.2	172.0	191.3	217.0	229.8	250.7	292.4	323.6	328.4
137.5°	163.5	170.4	177.3	179.1	195.9	218.3	229.5	247.2	282.4	308.8	312.7
140°	169.5	175.9	182.3	183.9	198.7	218.5	228.5	243.7	274.1	296.9	300.6
142.5°	174.2	180.0	186.0	187.4	201.1	219.4	228.5	241.9	268.6	288.6	291.8
145°	181.3	186.4	191.5	192.8	204.2	219.4	226.9	237.9	259.7	276.1	278.5
147.5°	188.3	193.3	198.4	199.6	208.7	220.8	226.9	235.5	252.7	265.6	267.6
150°	193.0	197.5	202.0	203.1	211.1	221.6	226.9	234.2	248.7	259.6	261.2
152.5°	197.7	201.1	204.6	205.4	212.6	222.1	226.9	233.1	245.5	254.8	256.0
155°	204.8	207.4	209.9	210.5	216.0	223.3	226.9	231.8	241.7	249.1	249.9
157.5°	210.1	212.5	215.0	215.6	219.4	224.4	226.9	230.8	238.4	244.2	244.7
160°	213.6	215.5	217.4	217.9	220.9	224.9	226.9	230.2	236.8	241.7	242.0
162.5°	217.1	218.6	220.0	220.4	222.5	225.5	226.9	229.7	235.2	239.4	239.7
165°	221.1	222.4	223.7	224.0	225.0	226.3	226.9	228.9	232.8	235.9	236.2
167.5°	224.6	225.2	225.8	226.0	226.8	227.9	228.5	229.8	232.4	234.3	234.5
170°	226.9	227.5	228.2	228.3	228.4	228.5	228.5	229.8	232.4	234.3	234.3
172.5°	228.2	228.3	228.5	228.5	228.5	228.5	228.5	229.5	231.5	233.1	232.9
175°	229.8	229.8	229.8	229.8	229.4	228.8	228.5	229.1	230.4	231.4	231.4
177.5°	229.8	229.8	229.8	229.8	229.5	229.0	228.8	229.3	230.3	231.1	230.9
180°	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2824.8	2817.0	2824.8	2819.6	2822.2	2814.4	2790.9	2783.1	2790.9	2798.7	2798.7
5°	2858.7	2853.5	2858.7	2858.7	2856.1	2850.8	2824.8	2819.6	2824.8	2827.4	2822.2
7.5°	2869.1	2861.2	2869.1	2863.9	2863.9	2858.7	2832.6	2827.4	2830.0	2837.8	2830.0
10°	2869.1	2861.2	2869.1	2866.5	2863.9	2858.7	2832.6	2822.2	2822.2	2830.0	2822.2
12.5°	2856.1	2850.8	2856.1	2850.8	2850.8	2845.6	2819.6	2809.2	2811.7	2814.4	2804.0
15°	2835.2	2827.4	2835.2	2830.0	2832.6	2824.8	2796.1	2785.7	2785.7	2790.9	2772.7
17.5°	2804.0	2793.5	2804.0	2801.3	2798.7	2793.5	2767.5	2757.1	2754.4	2757.1	2744.0
20°	2767.5	2759.6	2767.5	2764.8	2764.8	2754.4	2728.3	2715.3	2715.3	2715.3	2702.3
22.5°	2710.1	2702.3	2710.1	2715.3	2715.3	2712.7	2689.3	2671.1	2665.8	2665.8	2650.2
25°	2645.0	2637.2	2645.0	2645.0	2642.4	2645.0	2637.2	2626.8	2618.9	2611.1	2595.4
27.5°	2582.4	2577.2	2582.4	2577.2	2582.4	2574.6	2572.0	2569.4	2559.0	2551.2	2530.3
30°	2519.9	2514.7	2519.9	2514.7	2509.5	2504.3	2491.3	2486.0	2496.4	2491.3	2457.4
32.5°	2441.7	2436.5	2441.7	2441.7	2436.5	2436.5	2415.6	2407.9	2410.5	2426.1	2394.9
35°	2361.0	2353.1	2361.0	2358.4	2361.0	2353.1	2340.1	2337.5	2327.1	2345.3	2321.9
37.5°	2267.1	2259.3	2267.1	2267.1	2267.1	2272.3	2262.0	2254.1	2238.5	2262.0	2243.7
40°	2170.7	2160.3	2170.7	2168.1	2170.7	2175.9	2170.7	2165.5	2149.8	2168.1	2152.5
42.5°	2061.3	2058.7	2061.3	2063.8	2063.8	2074.3	2082.1	2071.7	2066.4	2053.4	2063.8
45°	1944.0	1938.8	1944.0	1949.2	1951.8	1957.0	1980.5	1980.5	1972.7	1951.8	1967.4
47.5°	1818.9	1805.9	1818.9	1834.5	1834.5	1842.4	1865.8	1884.0	1871.0	1845.0	1852.8
50°	1686.0	1688.6	1686.0	1696.5	1696.5	1725.1	1743.4	1761.6	1774.6	1743.4	1706.9
52.5°	1555.7	1553.1	1555.7	1563.6	1574.0	1587.0	1618.2	1636.5	1657.3	1639.1	1581.8
55°	1425.4	1430.7	1425.4	1428.0	1433.3	1441.1	1487.9	1506.2	1545.3	1521.8	1461.9
57.5°	1295.1	1287.3	1295.1	1300.4	1302.9	1310.8	1349.9	1383.8	1407.2	1409.8	1336.8
60°	1144.0	1133.6	1144.0	1167.5	1172.6	1177.9	1214.4	1245.6	1266.5	1274.3	1198.7
62.5°	1011.1	992.8	1011.1	1026.7	1037.1	1050.2	1076.2	1123.1	1141.4	1144.0	1037.1
65°	870.3	862.6	870.3	901.7	904.2	919.8	948.6	982.4	1021.5	1016.3	862.6
67.5°	742.7	742.7	742.7	763.5	779.2	787.0	823.4	839.1	888.6	893.8	719.3
70°	625.4	622.8	625.4	641.0	651.5	669.7	703.6	721.8	760.9	773.9	583.7
72.5°	513.4	510.7	513.4	526.4	536.8	552.5	581.1	602.0	635.9	651.5	453.5
75°	414.3	409.1	414.3	424.7	422.2	443.0	466.5	487.3	518.6	529.0	336.2
77.5°	317.9	317.9	317.9	328.3	328.3	349.2	359.6	385.7	403.9	419.6	247.6
80°	237.2	234.5	237.2	239.8	239.8	250.2	268.4	286.7	302.3	302.3	169.4
82.5°	166.8	161.5	166.8	166.8	166.8	172.0	182.4	187.6	198.0	205.9	106.9
85°	104.3	104.3	104.3	106.9	104.3	109.4	112.0	117.3	117.3	112.0	65.1
87.5°	67.8	65.1	67.8	65.1	65.1	62.5	62.5	62.5	59.9	57.4	36.5
90°	5.9	5.9	5.9	5.9	5.9	7.8	10.4	11.7	10.1	6.8	4.3
92.5°	23.5	18.8	23.5	28.2	29.3	41.6	57.8	66.0	58.0	41.9	29.8
95°	81.9	67.7	81.9	95.9	99.5	130.7	172.2	193.0	162.9	102.9	58.0
97.5°	196.0	169.2	196.0	223.0	229.7	249.4	275.7	288.8	238.7	138.7	63.7
100°	282.5	250.5	282.5	314.5	322.6	321.1	319.2	318.2	262.6	151.7	68.5
102.5°	367.5	340.1	367.5	394.9	401.8	376.7	343.3	326.6	270.3	157.7	73.2
105°	475.9	461.2	475.9	490.6	494.3	438.1	363.1	325.6	271.1	162.2	80.4
107.5°	546.9	550.5	546.9	543.4	542.5	464.0	359.4	307.1	259.0	162.9	90.9
110°	574.0	589.4	574.0	558.6	554.8	467.1	350.1	291.7	248.3	161.7	96.7



TEST NUMBER: P934124

CATALOG NUMBER: SQ4-FA-025U-125D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	576.4	600.0	576.4	552.9	546.9	457.1	337.5	277.7	239.0	161.8	103.8
115°	561.2	593.8	561.2	528.5	520.3	433.8	318.5	260.8	228.3	163.2	114.4
117.5°	528.8	565.0	528.8	492.5	483.4	405.3	301.3	249.2	221.6	166.3	124.8
120°	502.6	537.8	502.6	467.3	458.5	387.2	292.1	244.6	219.4	168.8	130.8
122.5°	477.2	511.9	477.2	442.4	433.7	369.5	283.9	241.1	218.1	172.3	137.9
125°	440.9	472.9	440.9	408.9	400.9	346.3	273.6	237.2	217.2	177.1	147.0
127.5°	408.3	435.3	408.3	381.3	374.5	327.7	265.3	234.0	216.6	181.9	155.8
130°	389.0	414.0	389.0	364.1	357.8	316.2	260.6	232.8	217.0	185.3	161.6
132.5°	371.6	393.9	371.6	349.3	343.7	306.3	256.6	231.7	217.2	188.2	166.4
135°	347.7	366.9	347.7	328.4	323.6	292.4	250.7	229.8	217.0	191.3	172.0
137.5°	328.5	344.3	328.5	312.7	308.8	282.4	247.2	229.5	218.3	195.9	179.1
140°	315.3	330.1	315.3	300.6	296.9	274.1	243.7	228.5	218.5	198.7	183.9
142.5°	304.5	317.1	304.5	291.8	288.6	268.6	241.9	228.5	219.4	201.1	187.4
145°	288.1	297.7	288.1	278.5	276.1	259.7	237.9	226.9	219.4	204.2	192.8
147.5°	275.5	283.5	275.5	267.6	265.6	252.7	235.5	226.9	220.8	208.7	199.6
150°	267.7	274.1	267.7	261.2	259.6	248.7	234.2	226.9	221.6	211.1	203.1
152.5°	260.9	265.7	260.9	256.0	254.8	245.5	233.1	226.9	222.1	212.6	205.4
155°	253.1	256.3	253.1	249.9	249.1	241.7	231.8	226.9	223.3	216.0	210.5
157.5°	247.0	249.2	247.0	244.7	244.2	238.4	230.8	226.9	224.4	219.4	215.6
160°	243.3	244.6	243.3	242.0	241.7	236.8	230.2	226.9	224.9	220.9	217.9
162.5°	240.9	242.2	240.9	239.7	239.4	235.2	229.7	226.9	225.5	222.5	220.4
165°	237.5	238.8	237.5	236.2	235.9	232.8	228.9	226.9	226.3	225.0	224.0
167.5°	235.0	235.5	235.0	234.5	234.3	232.4	229.8	228.5	227.9	226.8	226.0
170°	234.3	234.3	234.3	234.3	234.3	232.4	229.8	228.5	228.5	228.4	228.3
172.5°	232.5	232.0	232.5	232.9	233.1	231.5	229.5	228.5	228.5	228.5	228.5
175°	231.4	231.4	231.4	231.4	231.4	230.4	229.1	228.5	228.8	229.4	229.8
177.5°	230.4	229.8	230.4	230.9	231.1	230.3	229.3	228.8	229.0	229.5	229.8
180°	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8



TEST NUMBER: P934124

CATALOG NUMBER: SQ4-FA-025U-125D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2793.5	2777.9	2777.9	2751.8	2741.4	2733.6	2720.6	2681.4	2671.1	2660.6	2676.3
5°	2817.0	2788.3	2767.5	2720.6	2681.4	2665.8	2616.3	2522.5	2460.0	2413.0	2387.0
7.5°	2822.2	2785.7	2746.6	2673.7	2579.8	2538.2	2387.0	2215.0	2168.1	2126.4	2100.3
10°	2817.0	2775.3	2720.6	2611.1	2389.6	2316.6	2165.5	2053.4	2024.8	2016.9	2024.8
12.5°	2798.7	2759.6	2684.1	2501.7	2191.6	2142.1	2053.4	1988.3	1983.1	1996.1	2066.4
15°	2767.5	2731.0	2642.4	2355.7	2082.1	2045.7	1983.1	1959.6	1988.3	2079.5	2290.6
17.5°	2736.2	2694.5	2585.0	2212.4	1998.7	1972.7	1928.4	1975.3	2136.8	2259.3	2329.6
20°	2694.5	2645.0	2519.9	2108.2	1938.8	1915.3	1894.5	2105.6	2228.1	2272.3	2311.5
22.5°	2645.0	2592.9	2431.3	2035.2	1876.3	1858.0	1871.0	2178.6	2228.1	2259.3	2293.2
25°	2579.8	2535.5	2327.1	1977.9	1826.7	1805.9	1855.4	2170.7	2199.4	2207.2	2275.0
27.5°	2519.9	2462.5	2217.6	1925.8	1766.8	1759.0	1868.4	2136.8	2157.7	2165.5	2238.5
30°	2446.9	2361.0	2095.2	1871.0	1704.2	1701.6	1871.0	2095.2	2089.9	2110.8	2183.7
32.5°	2371.4	2209.8	1957.0	1803.3	1644.3	1641.7	1852.8	2032.6	2027.4	2056.1	2110.8
35°	2301.0	2092.6	1769.4	1725.1	1568.7	1571.3	1808.5	1959.6	1962.3	1988.3	2022.2
37.5°	2228.1	1990.9	1563.6	1639.1	1495.8	1495.8	1748.5	1891.9	1886.7	1894.5	1941.4
40°	2142.1	1831.9	1381.1	1527.1	1428.0	1420.2	1675.6	1818.9	1800.6	1798.1	1863.2
42.5°	2050.8	1657.3	1245.6	1378.5	1349.9	1339.4	1587.0	1730.3	1696.5	1704.2	1787.6
45°	1951.8	1610.5	1141.4	1164.9	1269.0	1261.3	1490.6	1628.7	1605.2	1626.1	1712.1
47.5°	1852.8	1516.6	1107.5	966.8	1183.1	1180.5	1383.8	1529.7	1516.6	1537.5	1628.7
50°	1717.3	1412.4	1104.9	828.7	1086.6	1097.1	1256.0	1433.3	1433.3	1451.4	1547.9
52.5°	1542.7	1284.7	1003.2	750.5	974.6	1005.9	1144.0	1349.9	1355.0	1373.3	1459.3
55°	1383.8	1151.8	930.3	690.5	841.7	909.4	1034.6	1263.9	1274.3	1292.5	1370.7
57.5°	1237.8	959.0	914.7	620.2	719.3	784.4	938.1	1180.5	1185.6	1201.4	1276.9
60°	1081.5	693.2	839.1	544.6	612.4	661.9	849.5	1081.5	1099.7	1110.1	1175.3
62.5°	904.2	503.0	760.9	492.5	560.3	570.7	776.5	987.6	1011.1	1018.9	1058.0
65°	643.6	422.2	646.3	448.2	505.5	508.1	698.4	891.2	912.1	925.1	953.7
67.5°	435.2	344.0	492.5	406.5	463.8	466.5	622.8	779.2	807.8	818.3	836.5
70°	302.3	229.3	364.8	362.2	417.0	422.2	542.0	677.5	703.6	711.4	721.8
72.5°	221.5	185.0	302.3	325.7	367.4	372.7	458.6	562.9	588.9	596.8	602.0
75°	169.4	195.4	244.9	284.1	312.7	315.3	375.2	458.6	476.9	482.1	484.7
77.5°	135.5	182.4	179.8	229.3	255.4	250.2	294.4	354.4	370.1	370.1	370.1
80°	101.6	143.3	135.5	164.2	187.6	182.4	211.1	252.8	258.0	263.2	260.6
82.5°	75.5	91.2	91.2	104.3	125.0	119.9	140.8	164.2	164.2	164.2	169.4
85°	46.9	52.1	41.7	54.7	70.4	67.8	78.2	88.6	91.2	91.2	86.0
87.5°	28.6	23.5	13.0	20.9	31.3	31.3	36.5	39.1	36.5	36.5	36.5
90°	4.0	2.8	1.5	2.8	4.0	4.3	6.8	10.1	11.7	10.4	7.8
92.5°	27.2	16.6	6.2	16.6	27.2	29.8	41.9	58.0	66.0	57.8	41.6
95°	53.2	34.0	14.8	34.0	53.2	58.0	102.9	162.9	193.0	172.2	130.7
97.5°	59.4	42.6	25.6	42.6	59.4	63.7	138.7	238.7	288.8	275.7	249.4
100°	64.6	49.3	34.0	49.3	64.6	68.5	151.7	262.6	318.2	319.2	321.1
102.5°	69.7	55.4	41.0	55.4	69.7	73.2	157.7	270.3	326.6	343.3	376.7
105°	77.4	65.2	53.1	65.2	77.4	80.4	162.2	271.1	325.6	363.1	438.1
107.5°	88.0	76.7	65.4	76.7	88.0	90.9	162.9	259.0	307.1	359.4	464.0
110°	94.2	83.9	73.8	83.9	94.2	96.7	161.7	248.3	291.7	350.1	467.1



TEST NUMBER: P934124

CATALOG NUMBER: SQ4-FA-025U-125D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	101.3	91.6	81.9	91.6	101.3	103.8	161.8	239.0	277.7	337.5	457.1
115°	112.2	103.2	94.2	103.2	112.2	114.4	163.2	228.3	260.8	318.5	433.8
117.5°	122.7	114.6	106.4	114.6	122.7	124.8	166.3	221.6	249.2	301.3	405.3
120°	128.9	121.2	113.5	121.2	128.9	130.8	168.8	219.4	244.6	292.1	387.2
122.5°	136.0	128.2	120.4	128.2	136.0	137.9	172.3	218.1	241.1	283.9	369.5
125°	145.2	138.2	131.1	138.2	145.2	147.0	177.1	217.2	237.2	273.6	346.3
127.5°	154.0	146.8	139.8	146.8	154.0	155.8	181.9	216.6	234.0	265.3	327.7
130°	159.7	152.1	144.4	152.1	159.7	161.6	185.3	217.0	232.8	260.6	316.2
132.5°	164.5	156.8	149.1	156.8	164.5	166.4	188.2	217.2	231.7	256.6	306.3
135°	170.2	163.2	156.2	163.2	170.2	172.0	191.3	217.0	229.8	250.7	292.4
137.5°	177.3	170.4	163.5	170.4	177.3	179.1	195.9	218.3	229.5	247.2	282.4
140°	182.3	175.9	169.5	175.9	182.3	183.9	198.7	218.5	228.5	243.7	274.1
142.5°	186.0	180.0	174.2	180.0	186.0	187.4	201.1	219.4	228.5	241.9	268.6
145°	191.5	186.4	181.3	186.4	191.5	192.8	204.2	219.4	226.9	237.9	259.7
147.5°	198.4	193.3	188.3	193.3	198.4	199.6	208.7	220.8	226.9	235.5	252.7
150°	202.0	197.5	193.0	197.5	202.0	203.1	211.1	221.6	226.9	234.2	248.7
152.5°	204.6	201.1	197.7	201.1	204.6	205.4	212.6	222.1	226.9	233.1	245.5
155°	209.9	207.4	204.8	207.4	209.9	210.5	216.0	223.3	226.9	231.8	241.7
157.5°	215.0	212.5	210.1	212.5	215.0	215.6	219.4	224.4	226.9	230.8	238.4
160°	217.4	215.5	213.6	215.5	217.4	217.9	220.9	224.9	226.9	230.2	236.8
162.5°	220.0	218.6	217.1	218.6	220.0	220.4	222.5	225.5	226.9	229.7	235.2
165°	223.7	222.4	221.1	222.4	223.7	224.0	225.0	226.3	226.9	228.9	232.8
167.5°	225.8	225.2	224.6	225.2	225.8	226.0	226.8	227.9	228.5	229.8	232.4
170°	228.2	227.5	226.9	227.5	228.2	228.3	228.4	228.5	228.5	229.8	232.4
172.5°	228.5	228.3	228.2	228.3	228.5	228.5	228.5	228.5	228.5	229.5	231.5
175°	229.8	229.8	229.8	229.8	229.8	229.8	229.4	228.8	228.5	229.1	230.4
177.5°	229.8	229.8	229.8	229.8	229.8	229.8	229.5	229.0	228.8	229.3	230.3
180°	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8



TEST NUMBER: P934124
 CATALOG NUMBER: SQ4-FA-025U-125D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2658.0	2650.2	2660.6	2631.9	2660.6	2650.2	2658.0	2676.3	2660.6	2671.1	2681.4
5°	2332.3	2319.2	2277.6	2243.7	2277.6	2319.2	2332.3	2387.0	2413.0	2460.0	2522.5
7.5°	2084.7	2074.3	2063.8	2043.0	2063.8	2074.3	2084.7	2100.3	2126.4	2168.1	2215.0
10°	2030.0	2032.6	2048.2	2045.7	2048.2	2032.6	2030.0	2024.8	2016.9	2024.8	2053.4
12.5°	2170.7	2194.2	2280.1	2275.0	2280.1	2194.2	2170.7	2066.4	1996.1	1983.1	1988.3
15°	2332.3	2340.1	2358.4	2361.0	2358.4	2340.1	2332.3	2290.6	2079.5	1988.3	1959.6
17.5°	2347.9	2350.5	2363.5	2363.5	2363.5	2350.5	2347.9	2329.6	2259.3	2136.8	1975.3
20°	2334.9	2340.1	2366.1	2371.4	2366.1	2340.1	2334.9	2311.5	2272.3	2228.1	2105.6
22.5°	2329.6	2340.1	2361.0	2358.4	2361.0	2340.1	2329.6	2293.2	2259.3	2228.1	2178.6
25°	2303.6	2303.6	2306.2	2308.8	2306.2	2303.6	2303.6	2275.0	2207.2	2199.4	2170.7
27.5°	2248.9	2254.1	2269.7	2267.1	2269.7	2254.1	2248.9	2238.5	2165.5	2157.7	2136.8
30°	2199.4	2194.2	2181.1	2170.7	2181.1	2194.2	2199.4	2183.7	2110.8	2089.9	2095.2
32.5°	2116.0	2102.9	2089.9	2082.1	2089.9	2102.9	2116.0	2110.8	2056.1	2027.4	2032.6
35°	2016.9	2019.6	2016.9	2009.2	2016.9	2019.6	2016.9	2022.2	1988.3	1962.3	1959.6
37.5°	1946.6	1951.8	1949.2	1938.8	1949.2	1951.8	1946.6	1941.4	1894.5	1886.7	1891.9
40°	1873.6	1876.3	1873.6	1865.8	1873.6	1876.3	1873.6	1863.2	1798.1	1800.6	1818.9
42.5°	1803.3	1800.6	1792.9	1787.6	1792.9	1800.6	1803.3	1787.6	1704.2	1696.5	1730.3
45°	1722.5	1725.1	1709.5	1701.6	1709.5	1725.1	1722.5	1712.1	1626.1	1605.2	1628.7
47.5°	1641.7	1641.7	1628.7	1620.9	1628.7	1641.7	1641.7	1628.7	1537.5	1516.6	1529.7
50°	1555.7	1553.1	1534.8	1532.3	1534.8	1553.1	1555.7	1547.9	1451.4	1433.3	1433.3
52.5°	1456.7	1456.7	1459.3	1464.5	1459.3	1456.7	1456.7	1459.3	1373.3	1355.0	1349.9
55°	1370.7	1373.3	1391.5	1396.8	1391.5	1373.3	1370.7	1370.7	1292.5	1274.3	1263.9
57.5°	1282.1	1282.1	1295.1	1295.1	1295.1	1282.1	1282.1	1276.9	1201.4	1185.6	1180.5
60°	1180.5	1185.6	1196.1	1193.5	1196.1	1185.6	1180.5	1175.3	1110.1	1099.7	1081.5
62.5°	1073.6	1078.8	1081.5	1076.2	1081.5	1078.8	1073.6	1058.0	1018.9	1011.1	987.6
65°	961.6	966.8	969.4	964.2	969.4	966.8	961.6	953.7	925.1	912.1	891.2
67.5°	846.9	844.3	841.7	852.2	841.7	844.3	846.9	836.5	818.3	807.8	779.2
70°	729.7	729.7	727.0	732.3	727.0	729.7	729.7	721.8	711.4	703.6	677.5
72.5°	604.6	602.0	612.4	604.6	612.4	602.0	604.6	602.0	596.8	588.9	562.9
75°	482.1	487.3	482.1	489.9	482.1	487.3	482.1	484.7	482.1	476.9	458.6
77.5°	367.4	372.7	367.4	367.4	367.4	372.7	367.4	370.1	370.1	370.1	354.4
80°	260.6	258.0	258.0	255.4	258.0	258.0	260.6	260.6	263.2	258.0	252.8
82.5°	166.8	164.2	164.2	169.4	164.2	164.2	166.8	169.4	164.2	164.2	164.2
85°	91.2	93.8	88.6	88.6	88.6	93.8	91.2	86.0	91.2	91.2	88.6
87.5°	33.9	31.3	31.3	31.3	31.3	31.3	33.9	36.5	36.5	36.5	39.1
90°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	7.8	10.4	11.7	10.1
92.5°	29.3	28.2	23.5	18.8	23.5	28.2	29.3	41.6	57.8	66.0	58.0
95°	99.5	95.9	81.9	67.7	81.9	95.9	99.5	130.7	172.2	193.0	162.9
97.5°	229.7	223.0	196.0	169.2	196.0	223.0	229.7	249.4	275.7	288.8	238.7
100°	322.6	314.5	282.5	250.5	282.5	314.5	322.6	321.1	319.2	318.2	262.6
102.5°	401.8	394.9	367.5	340.1	367.5	394.9	401.8	376.7	343.3	326.6	270.3
105°	494.3	490.6	475.9	461.2	475.9	490.6	494.3	438.1	363.1	325.6	271.1
107.5°	542.5	543.4	546.9	550.5	546.9	543.4	542.5	464.0	359.4	307.1	259.0
110°	554.8	558.6	574.0	589.4	574.0	558.6	554.8	467.1	350.1	291.7	248.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	546.9	552.9	576.4	600.0	576.4	552.9	546.9	457.1	337.5	277.7	239.0
115°	520.3	528.5	561.2	593.8	561.2	528.5	520.3	433.8	318.5	260.8	228.3
117.5°	483.4	492.5	528.8	565.0	528.8	492.5	483.4	405.3	301.3	249.2	221.6
120°	458.5	467.3	502.6	537.8	502.6	467.3	458.5	387.2	292.1	244.6	219.4
122.5°	433.7	442.4	477.2	511.9	477.2	442.4	433.7	369.5	283.9	241.1	218.1
125°	400.9	408.9	440.9	472.9	440.9	408.9	400.9	346.3	273.6	237.2	217.2
127.5°	374.5	381.3	408.3	435.3	408.3	381.3	374.5	327.7	265.3	234.0	216.6
130°	357.8	364.1	389.0	414.0	389.0	364.1	357.8	316.2	260.6	232.8	217.0
132.5°	343.7	349.3	371.6	393.9	371.6	349.3	343.7	306.3	256.6	231.7	217.2
135°	323.6	328.4	347.7	366.9	347.7	328.4	323.6	292.4	250.7	229.8	217.0
137.5°	308.8	312.7	328.5	344.3	328.5	312.7	308.8	282.4	247.2	229.5	218.3
140°	296.9	300.6	315.3	330.1	315.3	300.6	296.9	274.1	243.7	228.5	218.5
142.5°	288.6	291.8	304.5	317.1	304.5	291.8	288.6	268.6	241.9	228.5	219.4
145°	276.1	278.5	288.1	297.7	288.1	278.5	276.1	259.7	237.9	226.9	219.4
147.5°	265.6	267.6	275.5	283.5	275.5	267.6	265.6	252.7	235.5	226.9	220.8
150°	259.6	261.2	267.7	274.1	267.7	261.2	259.6	248.7	234.2	226.9	221.6
152.5°	254.8	256.0	260.9	265.7	260.9	256.0	254.8	245.5	233.1	226.9	222.1
155°	249.1	249.9	253.1	256.3	253.1	249.9	249.1	241.7	231.8	226.9	223.3
157.5°	244.2	244.7	247.0	249.2	247.0	244.7	244.2	238.4	230.8	226.9	224.4
160°	241.7	242.0	243.3	244.6	243.3	242.0	241.7	236.8	230.2	226.9	224.9
162.5°	239.4	239.7	240.9	242.2	240.9	239.7	239.4	235.2	229.7	226.9	225.5
165°	235.9	236.2	237.5	238.8	237.5	236.2	235.9	232.8	228.9	226.9	226.3
167.5°	234.3	234.5	235.0	235.5	235.0	234.5	234.3	232.4	229.8	228.5	227.9
170°	234.3	234.3	234.3	234.3	234.3	234.3	234.3	232.4	229.8	228.5	228.5
172.5°	233.1	232.9	232.5	232.0	232.5	232.9	233.1	231.5	229.5	228.5	228.5
175°	231.4	231.4	231.4	231.4	231.4	231.4	231.4	230.4	229.1	228.5	228.8
177.5°	231.1	230.9	230.4	229.8	230.4	230.9	231.1	230.3	229.3	228.8	229.0
180°	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8	229.8



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2720.6	2733.6	2741.4	2751.8	2777.9
5°	2616.3	2665.8	2681.4	2720.6	2767.5
7.5°	2387.0	2538.2	2579.8	2673.7	2746.6
10°	2165.5	2316.6	2389.6	2611.1	2720.6
12.5°	2053.4	2142.1	2191.6	2501.7	2684.1
15°	1983.1	2045.7	2082.1	2355.7	2642.4
17.5°	1928.4	1972.7	1998.7	2212.4	2585.0
20°	1894.5	1915.3	1938.8	2108.2	2519.9
22.5°	1871.0	1858.0	1876.3	2035.2	2431.3
25°	1855.4	1805.9	1826.7	1977.9	2327.1
27.5°	1868.4	1759.0	1766.8	1925.8	2217.6
30°	1871.0	1701.6	1704.2	1871.0	2095.2
32.5°	1852.8	1641.7	1644.3	1803.3	1957.0
35°	1808.5	1571.3	1568.7	1725.1	1769.4
37.5°	1748.5	1495.8	1495.8	1639.1	1563.6
40°	1675.6	1420.2	1428.0	1527.1	1381.1
42.5°	1587.0	1339.4	1349.9	1378.5	1245.6
45°	1490.6	1261.3	1269.0	1164.9	1141.4
47.5°	1383.8	1180.5	1183.1	966.8	1107.5
50°	1256.0	1097.1	1086.6	828.7	1104.9
52.5°	1144.0	1005.9	974.6	750.5	1003.2
55°	1034.6	909.4	841.7	690.5	930.3
57.5°	938.1	784.4	719.3	620.2	914.7
60°	849.5	661.9	612.4	544.6	839.1
62.5°	776.5	570.7	560.3	492.5	760.9
65°	698.4	508.1	505.5	448.2	646.3
67.5°	622.8	466.5	463.8	406.5	492.5
70°	542.0	422.2	417.0	362.2	364.8
72.5°	458.6	372.7	367.4	325.7	302.3
75°	375.2	315.3	312.7	284.1	244.9
77.5°	294.4	250.2	255.4	229.3	179.8
80°	211.1	182.4	187.6	164.2	135.5
82.5°	140.8	119.9	125.0	104.3	91.2
85°	78.2	67.8	70.4	54.7	41.7
87.5°	36.5	31.3	31.3	20.9	13.0
90°	6.8	4.3	4.0	2.8	1.5
92.5°	41.9	29.8	27.2	16.6	6.2
95°	102.9	58.0	53.2	34.0	14.8
97.5°	138.7	63.7	59.4	42.6	25.6
100°	151.7	68.5	64.6	49.3	34.0
102.5°	157.7	73.2	69.7	55.4	41.0
105°	162.2	80.4	77.4	65.2	53.1
107.5°	162.9	90.9	88.0	76.7	65.4
110°	161.7	96.7	94.2	83.9	73.8



TEST NUMBER: P934124

CATALOG NUMBER: SQ4-FA-025U-125D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	161.8	103.8	101.3	91.6	81.9
115°	163.2	114.4	112.2	103.2	94.2
117.5°	166.3	124.8	122.7	114.6	106.4
120°	168.8	130.8	128.9	121.2	113.5
122.5°	172.3	137.9	136.0	128.2	120.4
125°	177.1	147.0	145.2	138.2	131.1
127.5°	181.9	155.8	154.0	146.8	139.8
130°	185.3	161.6	159.7	152.1	144.4
132.5°	188.2	166.4	164.5	156.8	149.1
135°	191.3	172.0	170.2	163.2	156.2
137.5°	195.9	179.1	177.3	170.4	163.5
140°	198.7	183.9	182.3	175.9	169.5
142.5°	201.1	187.4	186.0	180.0	174.2
145°	204.2	192.8	191.5	186.4	181.3
147.5°	208.7	199.6	198.4	193.3	188.3
150°	211.1	203.1	202.0	197.5	193.0
152.5°	212.6	205.4	204.6	201.1	197.7
155°	216.0	210.5	209.9	207.4	204.8
157.5°	219.4	215.6	215.0	212.5	210.1
160°	220.9	217.9	217.4	215.5	213.6
162.5°	222.5	220.4	220.0	218.6	217.1
165°	225.0	224.0	223.7	222.4	221.1
167.5°	226.8	226.0	225.8	225.2	224.6
170°	228.4	228.3	228.2	227.5	226.9
172.5°	228.5	228.5	228.5	228.3	228.2
175°	229.4	229.8	229.8	229.8	229.8
177.5°	229.5	229.8	229.8	229.8	229.8
180°	229.8	229.8	229.8	229.8	229.8



TEST NUMBER: P934124
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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	16.27	17.53	16.88	18.15	18.87	19.11	20.37	19.72	20.99	21.70
	3H	16.78	17.91	17.40	18.54	19.29	20.48	21.62	21.11	22.25	23.00
	4H	16.99	18.05	17.63	18.70	19.46	20.95	22.02	21.60	22.66	23.42
	6H	17.12	18.11	17.79	18.77	19.54	21.26	22.24	21.92	22.90	23.68
	8H	17.14	18.08	17.81	18.76	19.54	21.34	22.28	22.02	22.96	23.74
	12H	17.12	18.02	17.80	18.69	19.50	21.40	22.29	22.07	22.97	23.77
4H	2H	17.35	18.42	18.00	19.07	19.83	19.56	20.63	20.21	21.28	22.04
	3H	18.41	19.30	19.08	19.99	20.77	21.11	22.00	21.77	22.68	23.46
	4H	18.71	19.51	19.39	20.21	21.02	21.65	22.46	22.33	23.15	23.96
	6H	18.85	19.55	19.56	20.27	21.09	22.04	22.74	22.74	23.46	24.28
	8H	18.87	19.52	19.58	20.24	21.07	22.16	22.81	22.87	23.53	24.36
	12H	18.86	19.44	19.58	20.18	21.02	22.24	22.83	22.96	23.56	24.40
8H	4H	19.19	19.85	19.90	20.56	21.39	21.81	22.46	22.52	23.18	24.01
	6H	19.47	20.01	20.21	20.77	21.61	22.26	22.81	23.00	23.56	24.40
	8H	19.52	20.00	20.27	20.76	21.61	22.42	22.91	23.17	23.66	24.52
	12H	19.52	19.95	20.27	20.69	21.61	22.54	22.97	23.29	23.71	24.63
12H	4H	19.22	19.81	19.95	20.55	21.38	21.79	22.38	22.52	23.12	23.96
	6H	19.54	20.02	20.28	20.78	21.63	22.26	22.75	23.01	23.51	24.36
	8H	19.62	20.05	20.37	20.80	21.71	22.45	22.87	23.20	23.62	24.53