

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: P934952

Luminaire Tested: SQ4-FA-075U-125D-930-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934952
REPORT IS A COMBINATION OF REPORTS P933720 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-125D-930-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

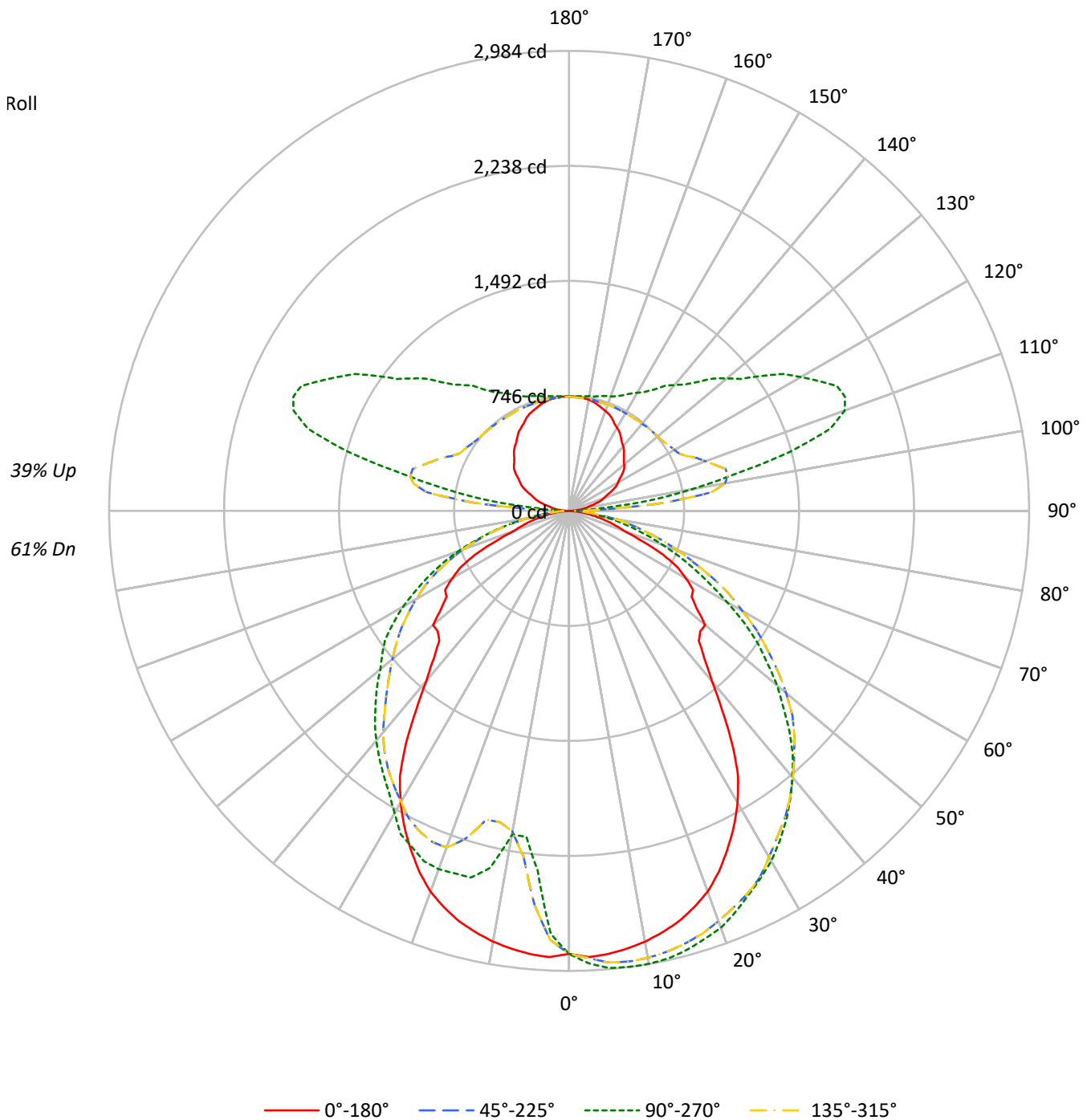
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12259.4 lumens
Efficiency: N/A
Efficacy: 98.9 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): 124
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





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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	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66	66	66	66	61
1	100	96	92	88	94	90	86	83	79	76	74	68	66	65	59	57	56	56	56	56	51
2	91	84	78	72	85	79	73	68	69	65	61	60	57	54	52	49	47	47	47	47	43
3	83	74	66	60	78	69	63	57	61	56	51	53	49	46	46	43	40	40	40	40	36
4	76	65	57	51	71	61	54	49	54	48	44	47	43	39	41	37	35	35	35	35	31
5	70	58	50	44	65	55	47	42	48	42	38	42	38	34	37	33	30	30	30	30	27
6	65	52	44	38	60	49	42	36	44	37	33	38	33	30	33	29	26	26	26	26	24
7	60	47	39	33	56	45	37	32	39	33	29	35	30	26	30	26	23	23	23	23	21
8	55	43	35	29	52	40	33	28	36	30	26	32	27	23	28	24	21	21	21	21	19
9	52	39	31	26	48	37	30	25	33	27	23	29	24	21	26	22	19	19	19	19	17
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	24	20	17	17	17	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13327	13327	13327	13327
5°	13427	13453	13427	10579
10°	13337	13252	13337	9474
15°	13192	12965	13192	10826
20°	12916	12625	12916	10849
25°	12351	12129	12351	10619
30°	11622	11717	11622	10114
35°	10360	11196	10360	9559
40°	8633	10583	8633	9140
45°	7714	9865	7714	8658
50°	8194	9009	8194	8175
55°	7710	8086	7710	7895
60°	7947	6868	7947	7230
65°	7206	5677	7206	6346
70°	4990	4524	4990	5320
75°	4374	3344	4374	4005
80°	3525	2211	3525	2408
85°	2022	1171	2022	995

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11822 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	259.3	2.1
10°-20°	736.2	6.0
20°-30°	1138.0	9.3
30°-40°	1358.6	11.1
40°-50°	1366.5	11.1
50°-60°	1189.0	9.7
60°-70°	843.1	6.9
70°-80°	446.0	3.6
80°-90°	113.9	0.9
90°-100°	361.6	2.9
100°-110°	950.6	7.8
110°-120°	985.7	8.0
120°-130°	790.7	6.4
130°-140°	620.4	5.1
140°-150°	476.2	3.9
150°-160°	342.9	2.8
160°-170°	209.8	1.7
170°-180°	70.9	0.6
0°-30°	2133.5	17.4
0°-40°	3492.1	28.5
0°-60°	6047.7	49.3
0°-90°	7450.7	60.8
90°-120°	2297.9	18.7
90°-150°	4185.1	34.1
90°-180°	4809.0	39.2
0°-180°	12259.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2872	2872	2872	2872	2872	
5°	2886	2976	2886	2340	2886	274
15°	2756	2948	2756	2462	2756	775
25°	2427	2750	2427	2408	2427	1114
35°	1845	2454	1845	2095	1845	1142
45°	1190	2022	1190	1774	1190	953
55°	970	1492	970	1457	970	891
65°	674	900	674	1006	674	644
75°	255	427	255	511	255	269
85°	43	109	43	92	43	59
90°	5	19	5	19	5	6
95°	48	219	48	219	48	53
105°	171	1488	171	1488	171	182
115°	304	1917	304	1917	304	300
125°	423	1526	423	1526	423	376
135°	504	1184	504	1184	504	390
145°	585	961	585	961	585	366
155°	661	827	661	827	661	304
165°	713	771	713	771	713	201
175°	742	747	742	747	742	70
180°	742	742	742	742	742	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5
2.5°	2896.9	2896.9	2913.2	2918.7	2918.7	2910.6	2902.4	2910.6	2935.0	2943.2	2940.4
5°	2886.1	2907.8	2937.7	2943.2	2948.5	2945.9	2940.4	2945.9	2973.0	2978.5	2981.2
7.5°	2864.3	2905.1	2943.2	2951.3	2959.5	2951.3	2948.5	2954.0	2981.2	2986.6	2986.6
10°	2837.2	2894.3	2937.7	2943.2	2951.3	2943.2	2943.2	2954.0	2981.2	2986.6	2989.3
12.5°	2799.1	2877.9	2918.7	2924.1	2935.0	2932.2	2929.6	2940.4	2967.6	2973.0	2973.0
15°	2755.7	2848.0	2886.1	2891.5	2910.6	2905.1	2905.1	2915.9	2945.9	2954.0	2951.3
17.5°	2695.8	2809.9	2853.5	2861.6	2875.2	2872.5	2875.2	2886.1	2913.2	2918.7	2921.4
20°	2627.9	2758.3	2809.9	2818.1	2831.7	2831.7	2831.7	2845.3	2872.5	2883.3	2883.3
22.5°	2535.5	2704.0	2758.3	2763.8	2780.1	2780.1	2785.5	2804.6	2829.0	2831.7	2831.7
25°	2426.8	2644.2	2690.4	2706.7	2723.0	2731.2	2739.4	2750.2	2758.3	2755.7	2758.3
27.5°	2312.6	2568.1	2627.9	2638.7	2660.5	2668.7	2679.5	2682.3	2685.0	2693.1	2687.6
30°	2185.0	2462.2	2551.8	2562.7	2598.0	2603.4	2592.6	2598.0	2611.6	2617.1	2622.4
32.5°	2040.9	2304.5	2473.0	2497.5	2530.1	2513.8	2511.1	2519.2	2540.9	2540.9	2546.4
35°	1845.2	2182.2	2399.6	2421.4	2445.8	2426.8	2437.7	2440.4	2454.0	2462.2	2459.4
37.5°	1630.6	2076.2	2323.6	2339.9	2358.9	2334.4	2350.7	2358.9	2369.7	2364.3	2364.3
40°	1440.3	1910.4	2233.9	2244.7	2261.0	2242.0	2258.3	2263.7	2269.2	2263.7	2261.0
42.5°	1299.0	1728.4	2138.7	2152.3	2141.4	2155.0	2160.5	2171.3	2163.2	2152.3	2152.3
45°	1190.3	1679.5	2035.4	2051.7	2035.4	2057.2	2065.4	2065.4	2040.9	2035.4	2032.7
47.5°	1155.0	1581.6	1932.2	1932.2	1924.1	1951.2	1964.8	1945.7	1921.3	1913.1	1913.1
50°	1152.2	1472.9	1790.9	1780.0	1818.1	1850.7	1837.1	1818.1	1799.0	1769.2	1769.2
52.5°	1046.2	1339.7	1608.8	1649.6	1709.3	1728.4	1706.6	1687.6	1655.0	1641.4	1630.6
55°	970.2	1201.2	1443.1	1524.6	1587.0	1611.5	1570.7	1551.7	1502.8	1494.7	1489.2
57.5°	953.9	1000.1	1290.8	1394.1	1470.2	1467.5	1443.1	1407.7	1366.9	1358.8	1356.1
60°	875.0	722.9	1127.8	1250.1	1328.9	1320.8	1299.0	1266.4	1228.3	1222.9	1217.5
62.5°	793.5	524.5	943.0	1081.6	1193.0	1190.3	1171.3	1122.4	1095.2	1081.6	1070.7
65°	674.0	440.3	671.2	899.5	1059.9	1065.3	1024.5	989.2	959.3	943.0	940.3
67.5°	513.6	358.7	453.9	750.1	932.1	926.7	875.0	858.7	820.7	812.6	796.3
70°	380.5	239.1	315.3	608.8	807.1	793.5	752.7	733.8	698.4	679.4	668.5
72.5°	315.3	193.0	231.0	472.9	679.4	663.1	627.8	606.0	576.2	559.9	548.9
75°	255.4	203.8	176.7	350.6	551.7	540.8	508.2	486.5	462.0	440.3	442.9
77.5°	187.5	190.2	141.3	258.2	437.6	421.3	402.2	375.0	364.2	342.4	342.4
80°	141.3	149.4	106.0	176.7	315.3	315.3	299.0	279.9	260.9	250.1	250.1
82.5°	95.1	95.1	78.8	111.5	214.7	206.5	195.7	190.2	179.4	173.9	173.9
85°	43.4	54.4	48.9	67.9	116.8	122.3	122.3	116.8	114.1	108.7	111.5
87.5°	13.6	24.5	29.9	38.1	59.8	62.5	65.2	65.2	65.2	67.9	67.9
90°	5.0	9.0	13.0	14.0	21.9	32.5	37.8	33.6	25.2	19.0	19.0
92.5°	19.9	53.8	87.7	96.1	135.1	187.1	213.1	186.8	134.1	94.6	90.8
95°	47.8	109.8	171.7	187.2	332.4	526.0	622.8	555.8	421.7	321.1	309.7
97.5°	82.6	137.3	192.0	205.6	447.8	770.6	932.0	889.6	804.8	741.3	719.6
100°	109.5	159.1	208.7	221.1	489.7	848.0	1027.0	1030.2	1036.4	1041.0	1015.2
102.5°	132.4	178.7	224.9	236.5	508.9	872.3	1053.9	1107.9	1215.9	1296.9	1274.8
105°	171.3	210.5	249.6	259.4	523.2	875.0	1051.0	1172.0	1414.0	1595.6	1583.7
107.5°	211.1	247.6	284.1	293.3	525.9	836.1	991.2	1160.0	1497.7	1750.9	1753.8
110°	238.0	270.9	303.9	312.1	521.9	801.6	941.4	1130.1	1507.6	1790.8	1803.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	264.3	295.7	327.1	335.0	522.0	771.4	896.1	1089.3	1475.7	1765.4	1784.4
115°	304.2	333.2	362.2	369.4	526.8	736.8	841.9	1027.9	1400.1	1679.2	1705.7
117.5°	343.5	369.9	396.2	402.8	536.7	715.2	804.5	972.4	1308.3	1560.2	1589.5
120°	366.4	391.1	416.0	422.1	544.6	707.9	789.6	943.0	1249.9	1480.1	1508.5
122.5°	388.8	413.9	438.8	445.1	556.1	704.1	778.1	916.3	1192.7	1400.0	1428.0
125°	423.2	446.0	468.7	474.4	571.5	700.9	765.7	883.1	1117.8	1293.9	1319.7
127.5°	451.0	474.1	497.1	502.8	587.0	699.2	755.2	856.0	1057.6	1208.8	1230.5
130°	466.0	490.7	515.5	521.7	598.2	700.3	751.3	841.0	1020.5	1155.0	1175.2
132.5°	481.4	506.2	531.0	537.2	607.4	700.9	747.8	828.1	988.7	1109.2	1127.3
135°	504.3	526.8	549.5	555.1	617.3	700.3	741.8	809.1	943.6	1044.5	1060.0
137.5°	527.7	550.1	572.4	578.0	632.3	704.6	740.8	797.6	911.4	996.7	1009.4
140°	547.2	567.7	588.3	593.4	641.4	705.4	737.3	786.5	884.7	958.4	970.3
142.5°	562.1	581.1	600.2	604.9	649.1	707.9	737.3	780.4	866.8	931.5	941.7
145°	585.0	601.6	618.1	622.3	659.0	707.9	732.3	767.7	838.3	891.2	898.9
147.5°	607.9	624.0	640.2	644.2	673.6	712.7	732.3	760.1	815.6	857.3	863.7
150°	622.8	637.4	652.0	655.6	681.2	715.3	732.3	755.8	802.7	837.9	843.1
152.5°	638.2	649.3	660.4	663.1	686.2	716.9	732.3	752.3	792.4	822.4	826.4
155°	661.1	669.3	677.5	679.6	697.2	720.6	732.3	748.2	780.1	804.0	806.6
157.5°	678.1	686.0	694.0	696.0	708.1	724.2	732.3	744.7	769.5	788.1	789.9
160°	689.5	695.7	701.9	703.4	713.1	725.9	732.3	742.9	764.2	780.1	781.2
162.5°	700.9	705.6	710.3	711.5	718.4	727.7	732.3	741.3	759.2	772.6	773.6
165°	713.4	717.6	721.8	722.9	726.0	730.2	732.3	738.8	751.6	761.2	762.3
167.5°	724.9	726.9	728.9	729.4	732.0	735.5	737.3	741.5	749.9	756.3	756.7
170°	732.3	734.3	736.4	736.8	737.0	737.2	737.3	741.5	749.9	756.3	756.3
172.5°	736.4	736.8	737.2	737.3	737.3	737.3	737.3	740.6	747.3	752.3	751.8
175°	741.8	741.8	741.8	741.8	740.3	738.3	737.3	739.4	743.7	746.8	746.8
177.5°	741.8	741.8	741.8	741.8	740.6	739.1	738.3	740.0	743.3	745.7	745.3
180°	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5
2.5°	2945.9	2937.7	2945.9	2940.4	2943.2	2935.0	2910.6	2902.4	2910.6	2918.7	2918.7
5°	2981.2	2975.8	2981.2	2981.2	2978.5	2973.0	2945.9	2940.4	2945.9	2948.5	2943.2
7.5°	2992.1	2983.9	2992.1	2986.6	2986.6	2981.2	2954.0	2948.5	2951.3	2959.5	2951.3
10°	2992.1	2983.9	2992.1	2989.3	2986.6	2981.2	2954.0	2943.2	2943.2	2951.3	2943.2
12.5°	2978.5	2973.0	2978.5	2973.0	2973.0	2967.6	2940.4	2929.6	2932.2	2935.0	2924.1
15°	2956.7	2948.5	2956.7	2951.3	2954.0	2945.9	2915.9	2905.1	2905.1	2910.6	2891.5
17.5°	2924.1	2913.2	2924.1	2921.4	2918.7	2913.2	2886.1	2875.2	2872.5	2875.2	2861.6
20°	2886.1	2877.9	2886.1	2883.3	2883.3	2872.5	2845.3	2831.7	2831.7	2831.7	2818.1
22.5°	2826.2	2818.1	2826.2	2831.7	2831.7	2829.0	2804.6	2785.5	2780.1	2780.1	2763.8
25°	2758.3	2750.2	2758.3	2758.3	2755.7	2758.3	2750.2	2739.4	2731.2	2723.0	2706.7
27.5°	2693.1	2687.6	2693.1	2687.6	2693.1	2685.0	2682.3	2679.5	2668.7	2660.5	2638.7
30°	2627.9	2622.4	2627.9	2622.4	2617.1	2611.6	2598.0	2592.6	2603.4	2598.0	2562.7
32.5°	2546.4	2540.9	2546.4	2546.4	2540.9	2540.9	2519.2	2511.1	2513.8	2530.1	2497.5
35°	2462.2	2454.0	2462.2	2459.4	2462.2	2454.0	2440.4	2437.7	2426.8	2445.8	2421.4
37.5°	2364.3	2356.2	2364.3	2364.3	2364.3	2369.7	2358.9	2350.7	2334.4	2358.9	2339.9
40°	2263.7	2252.9	2263.7	2261.0	2263.7	2269.2	2263.7	2258.3	2242.0	2261.0	2244.7
42.5°	2149.6	2146.9	2149.6	2152.3	2152.3	2163.2	2171.3	2160.5	2155.0	2141.4	2152.3
45°	2027.3	2021.9	2027.3	2032.7	2035.4	2040.9	2065.4	2065.4	2057.2	2035.4	2051.7
47.5°	1896.8	1883.3	1896.8	1913.1	1913.1	1921.3	1945.7	1964.8	1951.2	1924.1	1932.2
50°	1758.2	1761.0	1758.2	1769.2	1769.2	1799.0	1818.1	1837.1	1850.7	1818.1	1780.0
52.5°	1622.4	1619.7	1622.4	1630.6	1641.4	1655.0	1687.6	1706.6	1728.4	1709.3	1649.6
55°	1486.5	1492.0	1486.5	1489.2	1494.7	1502.8	1551.7	1570.7	1611.5	1587.0	1524.6
57.5°	1350.6	1342.5	1350.6	1356.1	1358.8	1366.9	1407.7	1443.1	1467.5	1470.2	1394.1
60°	1193.0	1182.2	1193.0	1217.5	1222.9	1228.3	1266.4	1299.0	1320.8	1328.9	1250.1
62.5°	1054.4	1035.4	1054.4	1070.7	1081.6	1095.2	1122.4	1171.3	1190.3	1193.0	1081.6
65°	907.6	899.5	907.6	940.3	943.0	959.3	989.2	1024.5	1065.3	1059.9	899.5
67.5°	774.5	774.5	774.5	796.3	812.6	820.7	858.7	875.0	926.7	932.1	750.1
70°	652.2	649.5	652.2	668.5	679.4	698.4	733.8	752.7	793.5	807.1	608.8
72.5°	535.4	532.6	535.4	548.9	559.9	576.2	606.0	627.8	663.1	679.4	472.9
75°	432.1	426.6	432.1	442.9	440.3	462.0	486.5	508.2	540.8	551.7	350.6
77.5°	331.6	331.6	331.6	342.4	342.4	364.2	375.0	402.2	421.3	437.6	258.2
80°	247.3	244.6	247.3	250.1	250.1	260.9	279.9	299.0	315.3	315.3	176.7
82.5°	173.9	168.5	173.9	173.9	173.9	179.4	190.2	195.7	206.5	214.7	111.5
85°	108.7	108.7	108.7	111.5	108.7	114.1	116.8	122.3	122.3	116.8	67.9
87.5°	70.7	67.9	70.7	67.9	67.9	65.2	65.2	65.2	62.5	59.8	38.1
90°	19.0	19.0	19.0	19.0	19.0	25.2	33.6	37.8	32.5	21.9	14.0
92.5°	75.8	60.7	75.8	90.8	94.6	134.1	186.8	213.1	187.1	135.1	96.1
95°	264.2	218.6	264.2	309.7	321.1	421.7	555.8	622.8	526.0	332.4	187.2
97.5°	632.8	546.1	632.8	719.6	741.3	804.8	889.6	932.0	770.6	447.8	205.6
100°	911.9	808.5	911.9	1015.2	1041.0	1036.4	1030.2	1027.0	848.0	489.7	221.1
102.5°	1186.3	1097.8	1186.3	1274.8	1296.9	1215.9	1107.9	1053.9	872.3	508.9	236.5
105°	1536.1	1488.5	1536.1	1583.7	1595.6	1414.0	1172.0	1051.0	875.0	523.2	259.4
107.5°	1765.3	1776.8	1765.3	1753.8	1750.9	1497.7	1160.0	991.2	836.1	525.9	293.3
110°	1852.8	1902.3	1852.8	1803.1	1790.8	1507.6	1130.1	941.4	801.6	521.9	312.1



TEST NUMBER: P934952

CATALOG NUMBER: SQ4-FA-075U-125D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1860.5	1936.6	1860.5	1784.4	1765.4	1475.7	1089.3	896.1	771.4	522.0	335.0
115°	1811.2	1916.7	1811.2	1705.7	1679.2	1400.1	1027.9	841.9	736.8	526.8	369.4
117.5°	1706.5	1823.6	1706.5	1589.5	1560.2	1308.3	972.4	804.5	715.2	536.7	402.8
120°	1622.3	1736.0	1622.3	1508.5	1480.1	1249.9	943.0	789.6	707.9	544.6	422.1
122.5°	1540.2	1652.3	1540.2	1428.0	1400.0	1192.7	916.3	778.1	704.1	556.1	445.1
125°	1423.1	1526.4	1423.1	1319.7	1293.9	1117.8	883.1	765.7	700.9	571.5	474.4
127.5°	1317.7	1404.9	1317.7	1230.5	1208.8	1057.6	856.0	755.2	699.2	587.0	502.8
130°	1255.7	1336.2	1255.7	1175.2	1155.0	1020.5	841.0	751.3	700.3	598.2	521.7
132.5°	1199.4	1271.5	1199.4	1127.3	1109.2	988.7	828.1	747.8	700.9	607.4	537.2
135°	1122.2	1184.3	1122.2	1060.0	1044.5	943.6	809.1	741.8	700.3	617.3	555.1
137.5°	1060.3	1111.2	1060.3	1009.4	996.7	911.4	797.6	740.8	704.6	632.3	578.0
140°	1017.9	1065.4	1017.9	970.3	958.4	884.7	786.5	737.3	705.4	641.4	593.4
142.5°	982.6	1023.6	982.6	941.7	931.5	866.8	780.4	737.3	707.9	649.1	604.9
145°	929.9	960.9	929.9	898.9	891.2	838.3	767.7	732.3	707.9	659.0	622.3
147.5°	889.3	915.0	889.3	863.7	857.3	815.6	760.1	732.3	712.7	673.6	644.2
150°	863.9	884.7	863.9	843.1	837.9	802.7	755.8	732.3	715.3	681.2	655.6
152.5°	842.0	857.8	842.0	826.4	822.4	792.4	752.3	732.3	716.9	686.2	663.1
155°	817.1	827.4	817.1	806.6	804.0	780.1	748.2	732.3	720.6	697.2	679.6
157.5°	797.2	804.5	797.2	789.9	788.1	769.5	744.7	732.3	724.2	708.1	696.0
160°	785.4	789.6	785.4	781.2	780.1	764.2	742.9	732.3	725.9	713.1	703.4
162.5°	777.6	781.6	777.6	773.6	772.6	759.2	741.3	732.3	727.7	718.4	711.5
165°	766.5	770.6	766.5	762.3	761.2	751.6	738.8	732.3	730.2	726.0	722.9
167.5°	758.4	760.2	758.4	756.7	756.3	749.9	741.5	737.3	735.5	732.0	729.4
170°	756.3	756.3	756.3	756.3	756.3	749.9	741.5	737.3	737.2	737.0	736.8
172.5°	750.3	748.8	750.3	751.8	752.3	747.3	740.6	737.3	737.3	737.3	737.3
175°	746.8	746.8	746.8	746.8	746.8	743.7	739.4	737.3	738.3	740.3	741.8
177.5°	743.6	741.8	743.6	745.3	745.7	743.3	740.0	738.3	739.1	740.6	741.8
180°	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5
2.5°	2913.2	2896.9	2896.9	2869.8	2858.9	2850.7	2837.2	2796.4	2785.5	2774.6	2791.0
5°	2937.7	2907.8	2886.1	2837.2	2796.4	2780.1	2728.4	2630.6	2565.4	2516.4	2489.3
7.5°	2943.2	2905.1	2864.3	2788.3	2690.4	2646.9	2489.3	2309.9	2261.0	2217.6	2190.3
10°	2937.7	2894.3	2837.2	2723.0	2492.0	2415.9	2258.3	2141.4	2111.6	2103.4	2111.6
12.5°	2918.7	2877.9	2799.1	2608.9	2285.5	2233.9	2141.4	2073.5	2068.0	2081.7	2155.0
15°	2886.1	2848.0	2755.7	2456.7	2171.3	2133.3	2068.0	2043.6	2073.5	2168.7	2388.8
17.5°	2853.5	2809.9	2695.8	2307.3	2084.3	2057.2	2011.0	2059.9	2228.4	2356.2	2429.5
20°	2809.9	2758.3	2627.9	2198.5	2021.9	1997.4	1975.7	2195.8	2323.6	2369.7	2410.5
22.5°	2758.3	2704.0	2535.5	2122.4	1956.7	1937.6	1951.2	2271.9	2323.6	2356.2	2391.5
25°	2690.4	2644.2	2426.8	2062.7	1905.0	1883.3	1934.9	2263.7	2293.6	2301.8	2372.5
27.5°	2627.9	2568.1	2312.6	2008.3	1842.5	1834.4	1948.5	2228.4	2250.2	2258.3	2334.4
30°	2551.8	2462.2	2185.0	1951.2	1777.3	1774.5	1951.2	2185.0	2179.5	2201.3	2277.3
32.5°	2473.0	2304.5	2040.9	1880.5	1714.8	1712.1	1932.2	2119.7	2114.3	2144.2	2201.3
35°	2399.6	2182.2	1845.2	1799.0	1636.0	1638.7	1886.0	2043.6	2046.4	2073.5	2108.8
37.5°	2323.6	2076.2	1630.6	1709.3	1559.9	1559.9	1823.5	1973.0	1967.5	1975.7	2024.6
40°	2233.9	1910.4	1440.3	1592.5	1489.2	1481.1	1747.4	1896.8	1877.8	1875.2	1943.1
42.5°	2138.7	1728.4	1299.0	1437.6	1407.7	1396.8	1655.0	1804.5	1769.2	1777.3	1864.2
45°	2035.4	1679.5	1190.3	1214.8	1323.4	1315.3	1554.4	1698.5	1674.0	1695.8	1785.5
47.5°	1932.2	1581.6	1155.0	1008.2	1233.8	1231.1	1443.1	1595.2	1581.6	1603.4	1698.5
50°	1790.9	1472.9	1152.2	864.2	1133.2	1144.1	1309.9	1494.7	1494.7	1513.7	1614.3
52.5°	1608.8	1339.7	1046.2	782.7	1016.4	1049.0	1193.0	1407.7	1413.1	1432.2	1521.8
55°	1443.1	1201.2	970.2	720.1	877.8	948.4	1078.9	1318.0	1328.9	1347.9	1429.4
57.5°	1290.8	1000.1	953.9	646.8	750.1	818.0	978.3	1231.1	1236.5	1252.8	1331.6
60°	1127.8	722.9	875.0	568.0	638.6	690.3	885.9	1127.8	1146.8	1157.7	1225.6
62.5°	943.0	524.5	793.5	513.6	584.3	595.2	809.8	1029.9	1054.4	1062.6	1103.3
65°	671.2	440.3	674.0	467.4	527.2	529.9	728.3	929.4	951.2	964.7	994.6
67.5°	453.9	358.7	513.6	423.9	483.7	486.5	649.5	812.6	842.4	853.3	872.4
70°	315.3	239.1	380.5	377.7	434.8	440.3	565.2	706.6	733.8	741.9	752.7
72.5°	231.0	193.0	315.3	339.7	383.2	388.7	478.3	587.0	614.1	622.3	627.8
75°	176.7	203.8	255.4	296.2	326.1	328.8	391.3	478.3	497.3	502.8	505.5
77.5°	141.3	190.2	187.5	239.1	266.4	260.9	307.1	369.6	385.9	385.9	385.9
80°	106.0	149.4	141.3	171.2	195.7	190.2	220.1	263.6	269.0	274.5	271.7
82.5°	78.8	95.1	95.1	108.7	130.4	125.0	146.8	171.2	171.2	171.2	176.7
85°	48.9	54.4	43.4	57.1	73.4	70.7	81.5	92.4	95.1	95.1	89.7
87.5°	29.9	24.5	13.6	21.8	32.6	32.6	38.1	40.8	38.1	38.1	38.1
90°	13.0	9.0	5.0	9.0	13.0	14.0	21.9	32.5	37.8	33.6	25.2
92.5°	87.7	53.8	19.9	53.8	87.7	96.1	135.1	187.1	213.1	186.8	134.1
95°	171.7	109.8	47.8	109.8	171.7	187.2	332.4	526.0	622.8	555.8	421.7
97.5°	192.0	137.3	82.6	137.3	192.0	205.6	447.8	770.6	932.0	889.6	804.8
100°	208.7	159.1	109.5	159.1	208.7	221.1	489.7	848.0	1027.0	1030.2	1036.4
102.5°	224.9	178.7	132.4	178.7	224.9	236.5	508.9	872.3	1053.9	1107.9	1215.9
105°	249.6	210.5	171.3	210.5	249.6	259.4	523.2	875.0	1051.0	1172.0	1414.0
107.5°	284.1	247.6	211.1	247.6	284.1	293.3	525.9	836.1	991.2	1160.0	1497.7
110°	303.9	270.9	238.0	270.9	303.9	312.1	521.9	801.6	941.4	1130.1	1507.6



TEST NUMBER: P934952

CATALOG NUMBER: SQ4-FA-075U-125D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	327.1	295.7	264.3	295.7	327.1	335.0	522.0	771.4	896.1	1089.3	1475.7
115°	362.2	333.2	304.2	333.2	362.2	369.4	526.8	736.8	841.9	1027.9	1400.1
117.5°	396.2	369.9	343.5	369.9	396.2	402.8	536.7	715.2	804.5	972.4	1308.3
120°	416.0	391.1	366.4	391.1	416.0	422.1	544.6	707.9	789.6	943.0	1249.9
122.5°	438.8	413.9	388.8	413.9	438.8	445.1	556.1	704.1	778.1	916.3	1192.7
125°	468.7	446.0	423.2	446.0	468.7	474.4	571.5	700.9	765.7	883.1	1117.8
127.5°	497.1	474.1	451.0	474.1	497.1	502.8	587.0	699.2	755.2	856.0	1057.6
130°	515.5	490.7	466.0	490.7	515.5	521.7	598.2	700.3	751.3	841.0	1020.5
132.5°	531.0	506.2	481.4	506.2	531.0	537.2	607.4	700.9	747.8	828.1	988.7
135°	549.5	526.8	504.3	526.8	549.5	555.1	617.3	700.3	741.8	809.1	943.6
137.5°	572.4	550.1	527.7	550.1	572.4	578.0	632.3	704.6	740.8	797.6	911.4
140°	588.3	567.7	547.2	567.7	588.3	593.4	641.4	705.4	737.3	786.5	884.7
142.5°	600.2	581.1	562.1	581.1	600.2	604.9	649.1	707.9	737.3	780.4	866.8
145°	618.1	601.6	585.0	601.6	618.1	622.3	659.0	707.9	732.3	767.7	838.3
147.5°	640.2	624.0	607.9	624.0	640.2	644.2	673.6	712.7	732.3	760.1	815.6
150°	652.0	637.4	622.8	637.4	652.0	655.6	681.2	715.3	732.3	755.8	802.7
152.5°	660.4	649.3	638.2	649.3	660.4	663.1	686.2	716.9	732.3	752.3	792.4
155°	677.5	669.3	661.1	669.3	677.5	679.6	697.2	720.6	732.3	748.2	780.1
157.5°	694.0	686.0	678.1	686.0	694.0	696.0	708.1	724.2	732.3	744.7	769.5
160°	701.9	695.7	689.5	695.7	701.9	703.4	713.1	725.9	732.3	742.9	764.2
162.5°	710.3	705.6	700.9	705.6	710.3	711.5	718.4	727.7	732.3	741.3	759.2
165°	721.8	717.6	713.4	717.6	721.8	722.9	726.0	730.2	732.3	738.8	751.6
167.5°	728.9	726.9	724.9	726.9	728.9	729.4	732.0	735.5	737.3	741.5	749.9
170°	736.4	734.3	732.3	734.3	736.4	736.8	737.0	737.2	737.3	741.5	749.9
172.5°	737.2	736.8	736.4	736.8	737.2	737.3	737.3	737.3	737.3	740.6	747.3
175°	741.8	741.8	741.8	741.8	741.8	741.8	740.3	738.3	737.3	739.4	743.7
177.5°	741.8	741.8	741.8	741.8	741.8	741.8	740.6	739.1	738.3	740.0	743.3
180°	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8



TEST NUMBER: P934952
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5
2.5°	2772.0	2763.8	2774.6	2744.7	2774.6	2763.8	2772.0	2791.0	2774.6	2785.5	2796.4
5°	2432.2	2418.6	2375.2	2339.9	2375.2	2418.6	2432.2	2489.3	2516.4	2565.4	2630.6
7.5°	2174.0	2163.2	2152.3	2130.6	2152.3	2163.2	2174.0	2190.3	2217.6	2261.0	2309.9
10°	2117.0	2119.7	2136.0	2133.3	2136.0	2119.7	2117.0	2111.6	2103.4	2111.6	2141.4
12.5°	2263.7	2288.2	2377.8	2372.5	2377.8	2288.2	2263.7	2155.0	2081.7	2068.0	2073.5
15°	2432.2	2440.4	2459.4	2462.2	2459.4	2440.4	2432.2	2388.8	2168.7	2073.5	2043.6
17.5°	2448.5	2451.2	2464.8	2464.8	2464.8	2451.2	2448.5	2429.5	2356.2	2228.4	2059.9
20°	2434.9	2440.4	2467.5	2473.0	2467.5	2440.4	2434.9	2410.5	2369.7	2323.6	2195.8
22.5°	2429.5	2440.4	2462.2	2459.4	2462.2	2440.4	2429.5	2391.5	2356.2	2323.6	2271.9
25°	2402.3	2402.3	2405.1	2407.8	2405.1	2402.3	2402.3	2372.5	2301.8	2293.6	2263.7
27.5°	2345.2	2350.7	2367.0	2364.3	2367.0	2350.7	2345.2	2334.4	2258.3	2250.2	2228.4
30°	2293.6	2288.2	2274.6	2263.7	2274.6	2288.2	2293.6	2277.3	2201.3	2179.5	2185.0
32.5°	2206.6	2193.1	2179.5	2171.3	2179.5	2193.1	2206.6	2201.3	2144.2	2114.3	2119.7
35°	2103.4	2106.1	2103.4	2095.3	2103.4	2106.1	2103.4	2108.8	2073.5	2046.4	2043.6
37.5°	2030.1	2035.4	2032.7	2021.9	2032.7	2035.4	2030.1	2024.6	1975.7	1967.5	1973.0
40°	1953.9	1956.7	1953.9	1945.7	1953.9	1956.7	1953.9	1943.1	1875.2	1877.8	1896.8
42.5°	1880.5	1877.8	1869.7	1864.2	1869.7	1877.8	1880.5	1864.2	1777.3	1769.2	1804.5
45°	1796.3	1799.0	1782.7	1774.5	1782.7	1799.0	1796.3	1785.5	1695.8	1674.0	1698.5
47.5°	1712.1	1712.1	1698.5	1690.3	1698.5	1712.1	1712.1	1698.5	1603.4	1581.6	1595.2
50°	1622.4	1619.7	1600.6	1598.0	1600.6	1619.7	1622.4	1614.3	1513.7	1494.7	1494.7
52.5°	1519.1	1519.1	1521.8	1527.3	1521.8	1519.1	1519.1	1521.8	1432.2	1413.1	1407.7
55°	1429.4	1432.2	1451.2	1456.6	1451.2	1432.2	1429.4	1429.4	1347.9	1328.9	1318.0
57.5°	1337.1	1337.1	1350.6	1350.6	1350.6	1337.1	1337.1	1331.6	1252.8	1236.5	1231.1
60°	1231.1	1236.5	1247.4	1244.6	1247.4	1236.5	1231.1	1225.6	1157.7	1146.8	1127.8
62.5°	1119.6	1125.1	1127.8	1122.4	1127.8	1125.1	1119.6	1103.3	1062.6	1054.4	1029.9
65°	1002.8	1008.2	1011.0	1005.5	1011.0	1008.2	1002.8	994.6	964.7	951.2	929.4
67.5°	883.2	880.5	877.8	888.7	877.8	880.5	883.2	872.4	853.3	842.4	812.6
70°	760.9	760.9	758.2	763.7	758.2	760.9	760.9	752.7	741.9	733.8	706.6
72.5°	630.5	627.8	638.6	630.5	638.6	627.8	630.5	627.8	622.3	614.1	587.0
75°	502.8	508.2	502.8	510.9	502.8	508.2	502.8	505.5	502.8	497.3	478.3
77.5°	383.2	388.7	383.2	383.2	383.2	388.7	383.2	385.9	385.9	385.9	369.6
80°	271.7	269.0	269.0	266.4	269.0	269.0	271.7	271.7	274.5	269.0	263.6
82.5°	173.9	171.2	171.2	176.7	171.2	171.2	173.9	176.7	171.2	171.2	171.2
85°	95.1	97.8	92.4	92.4	92.4	97.8	95.1	89.7	95.1	95.1	92.4
87.5°	35.3	32.6	32.6	32.6	32.6	32.6	35.3	38.1	38.1	38.1	40.8
90°	19.0	19.0	19.0	19.0	19.0	19.0	19.0	25.2	33.6	37.8	32.5
92.5°	94.6	90.8	75.8	60.7	75.8	90.8	94.6	134.1	186.8	213.1	187.1
95°	321.1	309.7	264.2	218.6	264.2	309.7	321.1	421.7	555.8	622.8	526.0
97.5°	741.3	719.6	632.8	546.1	632.8	719.6	741.3	804.8	889.6	932.0	770.6
100°	1041.0	1015.2	911.9	808.5	911.9	1015.2	1041.0	1036.4	1030.2	1027.0	848.0
102.5°	1296.9	1274.8	1186.3	1097.8	1186.3	1274.8	1296.9	1215.9	1107.9	1053.9	872.3
105°	1595.6	1583.7	1536.1	1488.5	1536.1	1583.7	1595.6	1414.0	1172.0	1051.0	875.0
107.5°	1750.9	1753.8	1765.3	1776.8	1765.3	1753.8	1750.9	1497.7	1160.0	991.2	836.1
110°	1790.8	1803.1	1852.8	1902.3	1852.8	1803.1	1790.8	1507.6	1130.1	941.4	801.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1765.4	1784.4	1860.5	1936.6	1860.5	1784.4	1765.4	1475.7	1089.3	896.1	771.4
115°	1679.2	1705.7	1811.2	1916.7	1811.2	1705.7	1679.2	1400.1	1027.9	841.9	736.8
117.5°	1560.2	1589.5	1706.5	1823.6	1706.5	1589.5	1560.2	1308.3	972.4	804.5	715.2
120°	1480.1	1508.5	1622.3	1736.0	1622.3	1508.5	1480.1	1249.9	943.0	789.6	707.9
122.5°	1400.0	1428.0	1540.2	1652.3	1540.2	1428.0	1400.0	1192.7	916.3	778.1	704.1
125°	1293.9	1319.7	1423.1	1526.4	1423.1	1319.7	1293.9	1117.8	883.1	765.7	700.9
127.5°	1208.8	1230.5	1317.7	1404.9	1317.7	1230.5	1208.8	1057.6	856.0	755.2	699.2
130°	1155.0	1175.2	1255.7	1336.2	1255.7	1175.2	1155.0	1020.5	841.0	751.3	700.3
132.5°	1109.2	1127.3	1199.4	1271.5	1199.4	1127.3	1109.2	988.7	828.1	747.8	700.9
135°	1044.5	1060.0	1122.2	1184.3	1122.2	1060.0	1044.5	943.6	809.1	741.8	700.3
137.5°	996.7	1009.4	1060.3	1111.2	1060.3	1009.4	996.7	911.4	797.6	740.8	704.6
140°	958.4	970.3	1017.9	1065.4	1017.9	970.3	958.4	884.7	786.5	737.3	705.4
142.5°	931.5	941.7	982.6	1023.6	982.6	941.7	931.5	866.8	780.4	737.3	707.9
145°	891.2	898.9	929.9	960.9	929.9	898.9	891.2	838.3	767.7	732.3	707.9
147.5°	857.3	863.7	889.3	915.0	889.3	863.7	857.3	815.6	760.1	732.3	712.7
150°	837.9	843.1	863.9	884.7	863.9	843.1	837.9	802.7	755.8	732.3	715.3
152.5°	822.4	826.4	842.0	857.8	842.0	826.4	822.4	792.4	752.3	732.3	716.9
155°	804.0	806.6	817.1	827.4	817.1	806.6	804.0	780.1	748.2	732.3	720.6
157.5°	788.1	789.9	797.2	804.5	797.2	789.9	788.1	769.5	744.7	732.3	724.2
160°	780.1	781.2	785.4	789.6	785.4	781.2	780.1	764.2	742.9	732.3	725.9
162.5°	772.6	773.6	777.6	781.6	777.6	773.6	772.6	759.2	741.3	732.3	727.7
165°	761.2	762.3	766.5	770.6	766.5	762.3	761.2	751.6	738.8	732.3	730.2
167.5°	756.3	756.7	758.4	760.2	758.4	756.7	756.3	749.9	741.5	737.3	735.5
170°	756.3	756.3	756.3	756.3	756.3	756.3	756.3	749.9	741.5	737.3	737.2
172.5°	752.3	751.8	750.3	748.8	750.3	751.8	752.3	747.3	740.6	737.3	737.3
175°	746.8	746.8	746.8	746.8	746.8	746.8	746.8	743.7	739.4	737.3	738.3
177.5°	745.7	745.3	743.6	741.8	743.6	745.3	745.7	743.3	740.0	738.3	739.1
180°	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2872.5	2872.5	2872.5	2872.5	2872.5
2.5°	2837.2	2850.7	2858.9	2869.8	2896.9
5°	2728.4	2780.1	2796.4	2837.2	2886.1
7.5°	2489.3	2646.9	2690.4	2788.3	2864.3
10°	2258.3	2415.9	2492.0	2723.0	2837.2
12.5°	2141.4	2233.9	2285.5	2608.9	2799.1
15°	2068.0	2133.3	2171.3	2456.7	2755.7
17.5°	2011.0	2057.2	2084.3	2307.3	2695.8
20°	1975.7	1997.4	2021.9	2198.5	2627.9
22.5°	1951.2	1937.6	1956.7	2122.4	2535.5
25°	1934.9	1883.3	1905.0	2062.7	2426.8
27.5°	1948.5	1834.4	1842.5	2008.3	2312.6
30°	1951.2	1774.5	1777.3	1951.2	2185.0
32.5°	1932.2	1712.1	1714.8	1880.5	2040.9
35°	1886.0	1638.7	1636.0	1799.0	1845.2
37.5°	1823.5	1559.9	1559.9	1709.3	1630.6
40°	1747.4	1481.1	1489.2	1592.5	1440.3
42.5°	1655.0	1396.8	1407.7	1437.6	1299.0
45°	1554.4	1315.3	1323.4	1214.8	1190.3
47.5°	1443.1	1231.1	1233.8	1008.2	1155.0
50°	1309.9	1144.1	1133.2	864.2	1152.2
52.5°	1193.0	1049.0	1016.4	782.7	1046.2
55°	1078.9	948.4	877.8	720.1	970.2
57.5°	978.3	818.0	750.1	646.8	953.9
60°	885.9	690.3	638.6	568.0	875.0
62.5°	809.8	595.2	584.3	513.6	793.5
65°	728.3	529.9	527.2	467.4	674.0
67.5°	649.5	486.5	483.7	423.9	513.6
70°	565.2	440.3	434.8	377.7	380.5
72.5°	478.3	388.7	383.2	339.7	315.3
75°	391.3	328.8	326.1	296.2	255.4
77.5°	307.1	260.9	266.4	239.1	187.5
80°	220.1	190.2	195.7	171.2	141.3
82.5°	146.8	125.0	130.4	108.7	95.1
85°	81.5	70.7	73.4	57.1	43.4
87.5°	38.1	32.6	32.6	21.8	13.6
90°	21.9	14.0	13.0	9.0	5.0
92.5°	135.1	96.1	87.7	53.8	19.9
95°	332.4	187.2	171.7	109.8	47.8
97.5°	447.8	205.6	192.0	137.3	82.6
100°	489.7	221.1	208.7	159.1	109.5
102.5°	508.9	236.5	224.9	178.7	132.4
105°	523.2	259.4	249.6	210.5	171.3
107.5°	525.9	293.3	284.1	247.6	211.1
110°	521.9	312.1	303.9	270.9	238.0



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CATALOG NUMBER: SQ4-FA-075U-125D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	522.0	335.0	327.1	295.7	264.3
115°	526.8	369.4	362.2	333.2	304.2
117.5°	536.7	402.8	396.2	369.9	343.5
120°	544.6	422.1	416.0	391.1	366.4
122.5°	556.1	445.1	438.8	413.9	388.8
125°	571.5	474.4	468.7	446.0	423.2
127.5°	587.0	502.8	497.1	474.1	451.0
130°	598.2	521.7	515.5	490.7	466.0
132.5°	607.4	537.2	531.0	506.2	481.4
135°	617.3	555.1	549.5	526.8	504.3
137.5°	632.3	578.0	572.4	550.1	527.7
140°	641.4	593.4	588.3	567.7	547.2
142.5°	649.1	604.9	600.2	581.1	562.1
145°	659.0	622.3	618.1	601.6	585.0
147.5°	673.6	644.2	640.2	624.0	607.9
150°	681.2	655.6	652.0	637.4	622.8
152.5°	686.2	663.1	660.4	649.3	638.2
155°	697.2	679.6	677.5	669.3	661.1
157.5°	708.1	696.0	694.0	686.0	678.1
160°	713.1	703.4	701.9	695.7	689.5
162.5°	718.4	711.5	710.3	705.6	700.9
165°	726.0	722.9	721.8	717.6	713.4
167.5°	732.0	729.4	728.9	726.9	724.9
170°	737.0	736.8	736.4	734.3	732.3
172.5°	737.3	737.3	737.2	736.8	736.4
175°	740.3	741.8	741.8	741.8	741.8
177.5°	740.6	741.8	741.8	741.8	741.8
180°	741.8	741.8	741.8	741.8	741.8



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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	14.74	15.71	15.60	16.59	17.70	17.58	18.55	18.44	19.43	20.54
	3H	15.23	16.10	16.10	16.99	18.12	18.94	19.81	19.81	20.70	21.83
	4H	15.43	16.24	16.31	17.14	18.29	19.39	20.21	20.28	21.10	22.25
	6H	15.55	16.30	16.45	17.21	18.37	19.68	20.44	20.58	21.34	22.50
	8H	15.55	16.27	16.46	17.19	18.35	19.76	20.48	20.67	21.40	22.56
	12H	15.53	16.21	16.44	17.13	18.31	19.80	20.49	20.72	21.40	22.59
4H	2H	15.79	16.61	16.68	17.51	18.65	18.00	18.82	18.90	19.72	20.86
	3H	16.83	17.51	17.73	18.44	19.60	19.52	20.20	20.43	21.13	22.29
	4H	17.11	17.73	18.02	18.65	19.84	20.06	20.68	20.97	21.60	22.79
	6H	17.24	17.78	18.17	18.72	19.91	20.43	20.97	21.36	21.91	23.10
	8H	17.25	17.75	18.18	18.69	19.89	20.54	21.04	21.47	21.98	23.18
	12H	17.22	17.67	18.17	18.63	19.84	20.60	21.05	21.55	22.01	23.22
8H	4H	17.57	18.07	18.50	19.02	20.22	20.19	20.69	21.12	21.63	22.83
	6H	17.84	18.25	18.80	19.24	20.44	20.63	21.05	21.59	22.03	23.23
	8H	17.88	18.25	18.85	19.22	20.44	20.79	21.15	21.75	22.13	23.34
	12H	17.87	18.19	18.84	19.16	20.43	20.89	21.21	21.86	22.18	23.45
12H	4H	17.58	18.04	18.53	19.00	20.20	20.16	20.61	21.11	21.57	22.78
	6H	17.90	18.27	18.87	19.24	20.46	20.63	21.00	21.60	21.97	23.19
	8H	17.97	18.30	18.94	19.26	20.53	20.80	21.12	21.77	22.09	23.35