

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: P933909

Luminaire Tested: SQ4-FA-025U-075D-830-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P933909
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-830-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

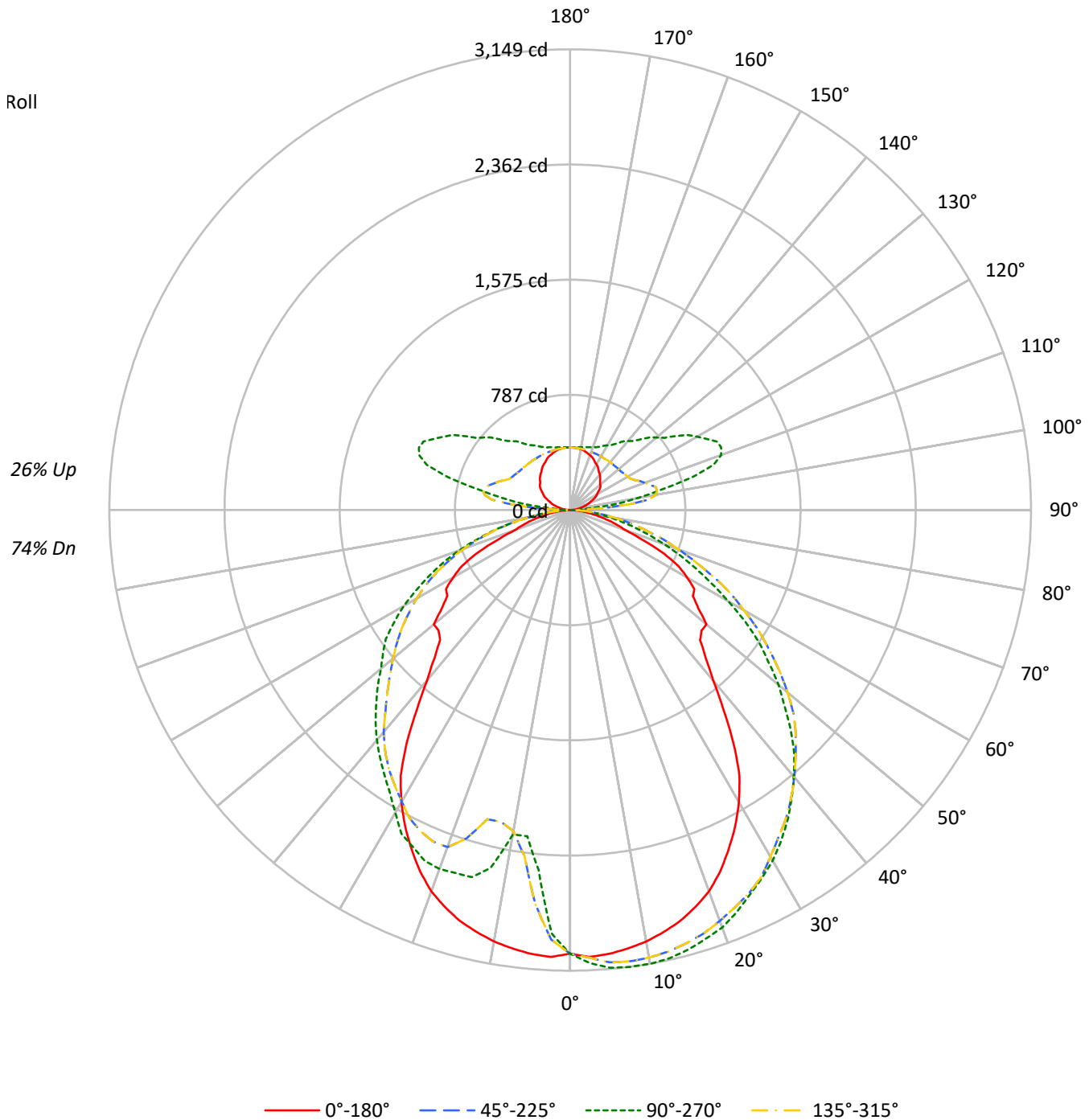
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10636.4 lumens
Efficiency: N/A
Efficacy: 118.2 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





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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	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	42	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°	9377	9377	9377	9377
5°	9450	9466	9450	7442
10°	9391	9324	9391	6666
15°	9292	9122	9292	7617
20°	9102	8883	9102	7633
25°	8707	8534	8707	7471
30°	8196	8244	8196	7116
35°	7311	7877	7311	6726
40°	6095	7446	6095	6431
45°	5450	6941	5450	6092
50°	5794	6338	5794	5751
55°	5457	5689	5457	5554
60°	5632	4832	5632	5087
65°	5114	3994	5114	4465
70°	3550	3183	3550	3743
75°	3125	2353	3125	2818
80°	2536	1555	2536	1694
85°	1487	824	1487	700

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8347 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	273.7	2.6
10°-20°	777.0	7.3
20°-30°	1201.1	11.3
30°-40°	1433.8	13.5
40°-50°	1442.2	13.6
50°-60°	1254.9	11.8
60°-70°	889.7	8.4
70°-80°	470.7	4.4
80°-90°	118.9	1.1
90°-100°	208.6	2.0
100°-110°	548.5	5.2
110°-120°	568.7	5.3
120°-130°	456.2	4.3
130°-140°	358.0	3.4
140°-150°	274.7	2.6
150°-160°	197.9	1.9
160°-170°	121.1	1.1
170°-180°	40.9	0.4
0°-30°	2251.7	21.2
0°-40°	3685.5	34.6
0°-60°	6382.5	60.0
0°-90°	7861.8	73.9
90°-120°	1325.9	12.5
90°-150°	2414.8	22.7
90°-180°	2775.0	26.1
0°-180°	10636.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3032	3032	3032	3032	3032	
5°	3046	3141	3046	2469	3046	289
15°	2908	3112	2908	2598	2908	818
25°	2561	2902	2561	2541	2561	1176
35°	1947	2590	1947	2211	1947	1205
45°	1256	2134	1256	1873	1256	1006
55°	1024	1574	1024	1537	1024	941
65°	711	949	711	1061	711	680
75°	270	450	270	539	270	283
85°	46	115	46	98	46	62
90°	3	11	3	11	3	4
95°	28	126	28	126	28	31
105°	99	859	99	859	99	105
115°	176	1106	176	1106	176	173
125°	244	881	244	881	244	217
135°	291	683	291	683	291	225
145°	338	554	338	554	338	211
155°	381	477	381	477	381	175
165°	412	445	412	445	412	116
175°	428	431	428	431	428	41
180°	428	428	428	428	428	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6
2.5°	3057.4	3057.4	3074.6	3080.3	3080.3	3071.7	3063.1	3071.7	3097.5	3106.1	3103.3
5°	3045.9	3068.9	3100.4	3106.1	3111.9	3109.0	3103.3	3109.0	3137.7	3143.4	3146.3
7.5°	3023.0	3066.0	3106.1	3114.7	3123.3	3114.7	3111.9	3117.6	3146.3	3152.0	3152.0
10°	2994.3	3054.5	3100.4	3106.1	3114.7	3106.1	3106.1	3117.6	3146.3	3152.0	3154.9
12.5°	2954.1	3037.3	3080.3	3086.1	3097.5	3094.7	3091.8	3103.3	3132.0	3137.7	3137.7
15°	2908.2	3005.8	3045.9	3051.6	3071.7	3066.0	3066.0	3077.5	3109.0	3117.6	3114.7
17.5°	2845.2	2965.6	3011.5	3020.1	3034.4	3031.6	3034.4	3045.9	3074.6	3080.3	3083.2
20°	2773.5	2911.1	2965.6	2974.2	2988.6	2988.6	2988.6	3002.9	3031.6	3043.0	3043.0
22.5°	2675.9	2853.8	2911.1	2916.9	2934.1	2934.1	2939.8	2959.9	2985.7	2988.6	2988.6
25°	2561.2	2790.7	2839.4	2856.6	2873.8	2882.4	2891.0	2902.5	2911.1	2908.2	2911.1
27.5°	2440.7	2710.4	2773.5	2784.9	2807.9	2816.5	2827.9	2830.8	2833.7	2842.3	2836.5
30°	2305.9	2598.5	2693.1	2704.6	2741.9	2747.6	2736.2	2741.9	2756.2	2762.0	2767.7
32.5°	2153.9	2432.1	2610.0	2635.8	2670.2	2653.0	2650.1	2658.7	2681.7	2681.7	2687.4
35°	1947.4	2303.0	2532.5	2555.5	2581.3	2561.2	2572.7	2575.6	2589.9	2598.5	2595.6
37.5°	1720.8	2191.2	2452.1	2469.3	2489.4	2463.6	2480.8	2489.4	2500.9	2495.2	2495.2
40°	1520.0	2016.2	2357.5	2369.0	2386.2	2366.1	2383.3	2389.0	2394.8	2389.0	2386.2
42.5°	1370.9	1824.0	2257.1	2271.5	2260.0	2274.3	2280.1	2291.5	2282.9	2271.5	2271.5
45°	1256.2	1772.4	2148.1	2165.3	2148.1	2171.1	2179.7	2179.7	2153.9	2148.1	2145.3
47.5°	1218.9	1669.2	2039.1	2039.1	2030.5	2059.2	2073.6	2053.5	2027.7	2019.1	2019.1
50°	1216.0	1554.5	1890.0	1878.5	1918.7	1953.1	1938.8	1918.7	1898.6	1867.1	1867.1
52.5°	1104.2	1413.9	1697.9	1740.9	1804.0	1824.0	1801.1	1781.0	1746.6	1732.3	1720.8
55°	1023.9	1267.7	1522.9	1608.9	1674.9	1700.7	1657.7	1637.6	1586.0	1577.4	1571.7
57.5°	1006.7	1055.4	1362.3	1471.3	1551.6	1548.7	1522.9	1485.6	1442.6	1434.0	1431.1
60°	923.5	762.9	1190.2	1319.3	1402.5	1393.8	1370.9	1336.5	1296.3	1290.6	1284.9
62.5°	837.5	553.5	995.2	1141.5	1259.1	1256.2	1236.1	1184.5	1155.8	1141.5	1130.0
65°	711.3	464.6	708.4	949.3	1118.5	1124.3	1081.2	1044.0	1012.4	995.2	992.3
67.5°	542.1	378.6	479.0	791.6	983.7	978.0	923.5	906.3	866.1	857.5	840.3
70°	401.5	252.4	332.7	642.4	851.8	837.5	794.4	774.4	737.1	717.0	705.5
72.5°	332.7	203.6	243.8	499.0	717.0	699.8	662.5	639.6	608.0	590.8	579.3
75°	269.6	215.1	186.4	370.0	582.2	570.7	536.3	513.4	487.6	464.6	467.5
77.5°	197.9	200.8	149.1	272.5	461.7	444.5	424.5	395.8	384.3	361.4	361.4
80°	149.1	157.7	111.9	186.4	332.7	332.7	315.5	295.4	275.3	263.9	263.9
82.5°	100.4	100.4	83.2	117.6	226.6	218.0	206.5	200.8	189.3	183.6	183.6
85°	45.9	57.4	51.6	71.7	123.3	129.1	129.1	123.3	120.5	114.7	117.6
87.5°	14.3	25.8	31.5	40.2	63.1	66.0	68.8	68.8	68.8	71.7	71.7
90°	2.9	5.2	7.5	8.0	12.6	18.7	21.8	19.4	14.5	10.9	10.9
92.5°	11.5	31.0	50.6	55.4	77.9	107.9	122.9	107.7	77.3	54.6	52.4
95°	27.5	63.3	99.0	108.0	191.8	303.5	359.4	320.6	243.3	185.3	178.7
97.5°	47.7	79.3	110.8	118.6	258.3	444.6	537.8	513.3	464.4	427.7	415.2
100°	63.2	91.8	120.4	127.5	282.6	489.3	592.6	594.4	598.0	600.7	585.7
102.5°	76.4	103.1	129.7	136.4	293.7	503.3	608.1	639.3	701.5	748.3	735.5
105°	98.9	121.4	144.0	149.6	301.9	504.9	606.4	676.2	815.9	920.6	913.7
107.5°	121.8	142.8	164.0	169.2	303.4	482.4	571.9	669.3	864.1	1010.3	1011.9
110°	137.3	156.3	175.3	180.1	301.1	462.5	543.2	652.1	869.9	1033.2	1040.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	152.6	170.6	188.8	193.3	301.2	445.1	517.1	628.6	851.4	1018.6	1029.6
115°	175.5	192.3	209.0	213.2	304.0	425.1	485.7	593.1	807.8	968.9	984.1
117.5°	198.2	213.4	228.6	232.4	309.6	412.7	464.2	561.2	755.0	900.3	917.2
120°	211.4	225.7	240.1	243.6	314.2	408.4	455.5	544.1	721.2	854.0	870.4
122.5°	224.4	238.8	253.1	256.8	320.8	406.2	448.9	528.7	688.1	807.7	823.9
125°	244.2	257.4	270.5	273.8	329.8	404.5	441.8	509.5	644.9	746.5	761.5
127.5°	260.2	273.5	286.8	290.1	338.7	403.4	435.7	493.9	610.2	697.4	710.0
130°	268.8	283.2	297.5	301.0	345.2	404.0	433.5	485.3	588.8	666.4	678.1
132.5°	277.8	292.1	306.4	309.9	350.5	404.5	431.4	477.8	570.5	640.0	650.5
135°	291.0	304.0	317.0	320.3	356.2	404.1	428.0	466.8	544.4	602.7	611.6
137.5°	304.5	317.4	330.2	333.5	364.8	406.6	427.4	460.2	525.8	575.0	582.4
140°	315.7	327.5	339.5	342.4	370.1	407.0	425.4	453.7	510.4	553.0	559.8
142.5°	324.3	335.3	346.3	349.0	374.5	408.4	425.4	450.3	500.1	537.5	543.4
145°	337.6	347.1	356.7	359.1	380.2	408.4	422.6	442.9	483.6	514.1	518.6
147.5°	350.8	360.0	369.4	371.7	388.6	411.3	422.6	438.6	470.6	494.6	498.4
150°	359.4	367.8	376.2	378.3	393.0	412.7	422.6	436.1	463.2	483.4	486.4
152.5°	368.3	374.7	381.0	382.6	395.9	413.7	422.6	434.1	457.3	474.6	476.9
155°	381.4	386.1	390.9	392.1	402.2	415.8	422.6	431.7	450.2	463.9	465.5
157.5°	391.2	395.8	400.5	401.6	408.6	417.9	422.6	429.7	444.0	454.7	455.7
160°	397.9	401.4	405.1	405.9	411.5	418.8	422.6	428.7	440.9	450.1	450.7
162.5°	404.5	407.2	409.8	410.5	414.5	419.9	422.6	427.7	438.0	445.8	446.4
165°	411.7	414.0	416.5	417.1	418.9	421.3	422.6	426.3	433.6	439.2	439.8
167.5°	418.2	419.4	420.5	420.8	422.4	424.4	425.4	427.8	432.7	436.3	436.6
170°	422.6	423.7	424.8	425.1	425.2	425.3	425.4	427.8	432.7	436.3	436.3
172.5°	424.8	425.1	425.3	425.4	425.4	425.4	425.4	427.3	431.2	434.0	433.8
175°	428.0	428.0	428.0	428.0	427.1	426.0	425.4	426.7	429.1	430.9	430.9
177.5°	428.0	428.0	428.0	428.0	427.3	426.5	426.0	426.9	428.9	430.3	430.0
180°	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6
2.5°	3109.0	3100.4	3109.0	3103.3	3106.1	3097.5	3071.7	3063.1	3071.7	3080.3	3080.3
5°	3146.3	3140.6	3146.3	3146.3	3143.4	3137.7	3109.0	3103.3	3109.0	3111.9	3106.1
7.5°	3157.8	3149.2	3157.8	3152.0	3152.0	3146.3	3117.6	3111.9	3114.7	3123.3	3114.7
10°	3157.8	3149.2	3157.8	3154.9	3152.0	3146.3	3117.6	3106.1	3106.1	3114.7	3106.1
12.5°	3143.4	3137.7	3143.4	3137.7	3137.7	3132.0	3103.3	3091.8	3094.7	3097.5	3086.1
15°	3120.5	3111.9	3120.5	3114.7	3117.6	3109.0	3077.5	3066.0	3066.0	3071.7	3051.6
17.5°	3086.1	3074.6	3086.1	3083.2	3080.3	3074.6	3045.9	3034.4	3031.6	3034.4	3020.1
20°	3045.9	3037.3	3045.9	3043.0	3043.0	3031.6	3002.9	2988.6	2988.6	2988.6	2974.2
22.5°	2982.8	2974.2	2982.8	2988.6	2988.6	2985.7	2959.9	2939.8	2934.1	2934.1	2916.9
25°	2911.1	2902.5	2911.1	2911.1	2908.2	2911.1	2902.5	2891.0	2882.4	2873.8	2856.6
27.5°	2842.3	2836.5	2842.3	2836.5	2842.3	2833.7	2830.8	2827.9	2816.5	2807.9	2784.9
30°	2773.5	2767.7	2773.5	2767.7	2762.0	2756.2	2741.9	2736.2	2747.6	2741.9	2704.6
32.5°	2687.4	2681.7	2687.4	2687.4	2681.7	2681.7	2658.7	2650.1	2653.0	2670.2	2635.8
35°	2598.5	2589.9	2598.5	2595.6	2598.5	2589.9	2575.6	2572.7	2561.2	2581.3	2555.5
37.5°	2495.2	2486.6	2495.2	2495.2	2495.2	2500.9	2489.4	2480.8	2463.6	2489.4	2469.3
40°	2389.0	2377.6	2389.0	2386.2	2389.0	2394.8	2389.0	2383.3	2366.1	2386.2	2369.0
42.5°	2268.6	2265.7	2268.6	2271.5	2271.5	2282.9	2291.5	2280.1	2274.3	2260.0	2271.5
45°	2139.5	2133.8	2139.5	2145.3	2148.1	2153.9	2179.7	2179.7	2171.1	2148.1	2165.3
47.5°	2001.9	1987.5	2001.9	2019.1	2019.1	2027.7	2053.5	2073.6	2059.2	2030.5	2039.1
50°	1855.6	1858.5	1855.6	1867.1	1867.1	1898.6	1918.7	1938.8	1953.1	1918.7	1878.5
52.5°	1712.2	1709.3	1712.2	1720.8	1732.3	1746.6	1781.0	1801.1	1824.0	1804.0	1740.9
55°	1568.8	1574.5	1568.8	1571.7	1577.4	1586.0	1637.6	1657.7	1700.7	1674.9	1608.9
57.5°	1425.4	1416.8	1425.4	1431.1	1434.0	1442.6	1485.6	1522.9	1548.7	1551.6	1471.3
60°	1259.1	1247.6	1259.1	1284.9	1290.6	1296.3	1336.5	1370.9	1393.8	1402.5	1319.3
62.5°	1112.8	1092.7	1112.8	1130.0	1141.5	1155.8	1184.5	1236.1	1256.2	1259.1	1141.5
65°	957.9	949.3	957.9	992.3	995.2	1012.4	1044.0	1081.2	1124.3	1118.5	949.3
67.5°	817.4	817.4	817.4	840.3	857.5	866.1	906.3	923.5	978.0	983.7	791.6
70°	688.3	685.5	688.3	705.5	717.0	737.1	774.4	794.4	837.5	851.8	642.4
72.5°	565.0	562.1	565.0	579.3	590.8	608.0	639.6	662.5	699.8	717.0	499.0
75°	456.0	450.3	456.0	467.5	464.6	487.6	513.4	536.3	570.7	582.2	370.0
77.5°	349.9	349.9	349.9	361.4	361.4	384.3	395.8	424.5	444.5	461.7	272.5
80°	261.0	258.1	261.0	263.9	263.9	275.3	295.4	315.5	332.7	332.7	186.4
82.5°	183.6	177.8	183.6	183.6	183.6	189.3	200.8	206.5	218.0	226.6	117.6
85°	114.7	114.7	114.7	117.6	114.7	120.5	123.3	129.1	129.1	123.3	71.7
87.5°	74.6	71.7	74.6	71.7	71.7	68.8	68.8	68.8	66.0	63.1	40.2
90°	10.9	10.9	10.9	10.9	10.9	14.5	19.4	21.8	18.7	12.6	8.0
92.5°	43.8	35.1	43.8	52.4	54.6	77.3	107.7	122.9	107.9	77.9	55.4
95°	152.4	126.1	152.4	178.7	185.3	243.3	320.6	359.4	303.5	191.8	108.0
97.5°	365.2	315.1	365.2	415.2	427.7	464.4	513.3	537.8	444.6	258.3	118.6
100°	526.2	466.5	526.2	585.7	600.7	598.0	594.4	592.6	489.3	282.6	127.5
102.5°	684.4	633.4	684.4	735.5	748.3	701.5	639.3	608.1	503.3	293.7	136.4
105°	886.3	858.9	886.3	913.7	920.6	815.9	676.2	606.4	504.9	301.9	149.6
107.5°	1018.6	1025.2	1018.6	1011.9	1010.3	864.1	669.3	571.9	482.4	303.4	169.2
110°	1069.0	1097.6	1069.0	1040.4	1033.2	869.9	652.1	543.2	462.5	301.1	180.1



TEST NUMBER: P933909

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1073.5	1117.4	1073.5	1029.6	1018.6	851.4	628.6	517.1	445.1	301.2	193.3
115°	1045.0	1105.9	1045.0	984.1	968.9	807.8	593.1	485.7	425.1	304.0	213.2
117.5°	984.7	1052.2	984.7	917.2	900.3	755.0	561.2	464.2	412.7	309.6	232.4
120°	936.0	1001.6	936.0	870.4	854.0	721.2	544.1	455.5	408.4	314.2	243.6
122.5°	888.7	953.4	888.7	823.9	807.7	688.1	528.7	448.9	406.2	320.8	256.8
125°	821.0	880.7	821.0	761.5	746.5	644.9	509.5	441.8	404.5	329.8	273.8
127.5°	760.3	810.6	760.3	710.0	697.4	610.2	493.9	435.7	403.4	338.7	290.1
130°	724.6	771.0	724.6	678.1	666.4	588.8	485.3	433.5	404.0	345.2	301.0
132.5°	692.0	733.6	692.0	650.5	640.0	570.5	477.8	431.4	404.5	350.5	309.9
135°	647.5	683.3	647.5	611.6	602.7	544.4	466.8	428.0	404.1	356.2	320.3
137.5°	611.7	641.2	611.7	582.4	575.0	525.8	460.2	427.4	406.6	364.8	333.5
140°	587.3	614.7	587.3	559.8	553.0	510.4	453.7	425.4	407.0	370.1	342.4
142.5°	567.0	590.6	567.0	543.4	537.5	500.1	450.3	425.4	408.4	374.5	349.0
145°	536.5	554.4	536.5	518.6	514.1	483.6	442.9	422.6	408.4	380.2	359.1
147.5°	513.2	528.0	513.2	498.4	494.6	470.6	438.6	422.6	411.3	388.6	371.7
150°	498.5	510.4	498.5	486.4	483.4	463.2	436.1	422.6	412.7	393.0	378.3
152.5°	485.8	494.9	485.8	476.9	474.6	457.3	434.1	422.6	413.7	395.9	382.6
155°	471.4	477.4	471.4	465.5	463.9	450.2	431.7	422.6	415.8	402.2	392.1
157.5°	460.0	464.2	460.0	455.7	454.7	444.0	429.7	422.6	417.9	408.6	401.6
160°	453.1	455.5	453.1	450.7	450.1	440.9	428.7	422.6	418.8	411.5	405.9
162.5°	448.7	450.9	448.7	446.4	445.8	438.0	427.7	422.6	419.9	414.5	410.5
165°	442.2	444.6	442.2	439.8	439.2	433.6	426.3	422.6	421.3	418.9	417.1
167.5°	437.6	438.6	437.6	436.6	436.3	432.7	427.8	425.4	424.4	422.4	420.8
170°	436.3	436.3	436.3	436.3	436.3	432.7	427.8	425.4	425.3	425.2	425.1
172.5°	432.9	432.0	432.9	433.8	434.0	431.2	427.3	425.4	425.4	425.4	425.4
175°	430.9	430.9	430.9	430.9	430.9	429.1	426.7	425.4	426.0	427.1	428.0
177.5°	429.1	428.0	429.1	430.0	430.3	428.9	426.9	426.0	426.5	427.3	428.0
180°	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0



TEST NUMBER: P933909

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6
2.5°	3074.6	3057.4	3057.4	3028.7	3017.2	3008.6	2994.3	2951.3	2939.8	2928.3	2945.5
5°	3100.4	3068.9	3045.9	2994.3	2951.3	2934.1	2879.6	2776.3	2707.5	2655.9	2627.2
7.5°	3106.1	3066.0	3023.0	2942.7	2839.4	2793.5	2627.2	2437.8	2386.2	2340.3	2311.6
10°	3100.4	3054.5	2994.3	2873.8	2630.1	2549.7	2383.3	2260.0	2228.4	2219.8	2228.4
12.5°	3080.3	3037.3	2954.1	2753.4	2412.0	2357.5	2260.0	2188.3	2182.5	2196.9	2274.3
15°	3045.9	3005.8	2908.2	2592.8	2291.5	2251.4	2182.5	2156.7	2188.3	2288.7	2521.0
17.5°	3011.5	2965.6	2845.2	2434.9	2199.8	2171.1	2122.3	2173.9	2351.8	2486.6	2564.1
20°	2965.6	2911.1	2773.5	2320.2	2133.8	2108.0	2085.0	2317.3	2452.1	2500.9	2544.0
22.5°	2911.1	2853.8	2675.9	2239.9	2065.0	2044.9	2059.2	2397.6	2452.1	2486.6	2523.8
25°	2839.4	2790.7	2561.2	2176.8	2010.5	1987.5	2042.0	2389.0	2420.6	2429.2	2503.8
27.5°	2773.5	2710.4	2440.7	2119.5	1944.5	1935.9	2056.4	2351.8	2374.7	2383.3	2463.6
30°	2693.1	2598.5	2305.9	2059.2	1875.7	1872.8	2059.2	2305.9	2300.1	2323.1	2403.4
32.5°	2610.0	2432.1	2153.9	1984.7	1809.7	1806.8	2039.1	2237.0	2231.3	2262.9	2323.1
35°	2532.5	2303.0	1947.4	1898.6	1726.5	1729.4	1990.4	2156.7	2159.6	2188.3	2225.6
37.5°	2452.1	2191.2	1720.8	1804.0	1646.2	1646.2	1924.4	2082.2	2076.4	2085.0	2136.7
40°	2357.5	2016.2	1520.0	1680.6	1571.7	1563.1	1844.1	2001.9	1981.8	1978.9	2050.6
42.5°	2257.1	1824.0	1370.9	1517.2	1485.6	1474.2	1746.6	1904.4	1867.1	1875.7	1967.4
45°	2148.1	1772.4	1256.2	1282.0	1396.7	1388.1	1640.5	1792.5	1766.7	1789.6	1884.3
47.5°	2039.1	1669.2	1218.9	1064.0	1302.1	1299.2	1522.9	1683.5	1669.2	1692.1	1792.5
50°	1890.0	1554.5	1216.0	912.0	1196.0	1207.4	1382.4	1577.4	1577.4	1597.5	1703.6
52.5°	1697.9	1413.9	1104.2	826.0	1072.6	1107.0	1259.1	1485.6	1491.4	1511.4	1606.1
55°	1522.9	1267.7	1023.9	760.0	926.4	1000.9	1138.6	1391.0	1402.5	1422.5	1508.6
57.5°	1362.3	1055.4	1006.7	682.6	791.6	863.3	1032.5	1299.2	1304.9	1322.1	1405.3
60°	1190.2	762.9	923.5	599.4	674.0	728.5	935.0	1190.2	1210.3	1221.8	1293.5
62.5°	995.2	553.5	837.5	542.1	616.6	628.1	854.7	1087.0	1112.8	1121.4	1164.4
65°	708.4	464.6	711.3	493.3	556.4	559.3	768.6	980.9	1003.8	1018.1	1049.7
67.5°	479.0	378.6	542.1	447.4	510.5	513.4	685.5	857.5	889.1	900.6	920.6
70°	332.7	252.4	401.5	398.7	458.9	464.6	596.5	745.7	774.4	783.0	794.4
72.5°	243.8	203.6	332.7	358.5	404.4	410.1	504.8	619.5	648.2	656.8	662.5
75°	186.4	215.1	269.6	312.6	344.2	347.0	413.0	504.8	524.8	530.6	533.4
77.5°	149.1	200.8	197.9	252.4	281.1	275.3	324.1	390.0	407.3	407.3	407.3
80°	111.9	157.7	149.1	180.7	206.5	200.8	232.3	278.2	283.9	289.7	286.8
82.5°	83.2	100.4	100.4	114.7	137.7	131.9	154.9	180.7	180.7	180.7	186.4
85°	51.6	57.4	45.9	60.2	77.4	74.6	86.0	97.5	100.4	100.4	94.6
87.5°	31.5	25.8	14.3	22.9	34.4	34.4	40.2	43.0	40.2	40.2	40.2
90°	7.5	5.2	2.9	5.2	7.5	8.0	12.6	18.7	21.8	19.4	14.5
92.5°	50.6	31.0	11.5	31.0	50.6	55.4	77.9	107.9	122.9	107.7	77.3
95°	99.0	63.3	27.5	63.3	99.0	108.0	191.8	303.5	359.4	320.6	243.3
97.5°	110.8	79.3	47.7	79.3	110.8	118.6	258.3	444.6	537.8	513.3	464.4
100°	120.4	91.8	63.2	91.8	120.4	127.5	282.6	489.3	592.6	594.4	598.0
102.5°	129.7	103.1	76.4	103.1	129.7	136.4	293.7	503.3	608.1	639.3	701.5
105°	144.0	121.4	98.9	121.4	144.0	149.6	301.9	504.9	606.4	676.2	815.9
107.5°	164.0	142.8	121.8	142.8	164.0	169.2	303.4	482.4	571.9	669.3	864.1
110°	175.3	156.3	137.3	156.3	175.3	180.1	301.1	462.5	543.2	652.1	869.9



TEST NUMBER: P933909

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	188.8	170.6	152.6	170.6	188.8	193.3	301.2	445.1	517.1	628.6	851.4
115°	209.0	192.3	175.5	192.3	209.0	213.2	304.0	425.1	485.7	593.1	807.8
117.5°	228.6	213.4	198.2	213.4	228.6	232.4	309.6	412.7	464.2	561.2	755.0
120°	240.1	225.7	211.4	225.7	240.1	243.6	314.2	408.4	455.5	544.1	721.2
122.5°	253.1	238.8	224.4	238.8	253.1	256.8	320.8	406.2	448.9	528.7	688.1
125°	270.5	257.4	244.2	257.4	270.5	273.8	329.8	404.5	441.8	509.5	644.9
127.5°	286.8	273.5	260.2	273.5	286.8	290.1	338.7	403.4	435.7	493.9	610.2
130°	297.5	283.2	268.8	283.2	297.5	301.0	345.2	404.0	433.5	485.3	588.8
132.5°	306.4	292.1	277.8	292.1	306.4	309.9	350.5	404.5	431.4	477.8	570.5
135°	317.0	304.0	291.0	304.0	317.0	320.3	356.2	404.1	428.0	466.8	544.4
137.5°	330.2	317.4	304.5	317.4	330.2	333.5	364.8	406.6	427.4	460.2	525.8
140°	339.5	327.5	315.7	327.5	339.5	342.4	370.1	407.0	425.4	453.7	510.4
142.5°	346.3	335.3	324.3	335.3	346.3	349.0	374.5	408.4	425.4	450.3	500.1
145°	356.7	347.1	337.6	347.1	356.7	359.1	380.2	408.4	422.6	442.9	483.6
147.5°	369.4	360.0	350.8	360.0	369.4	371.7	388.6	411.3	422.6	438.6	470.6
150°	376.2	367.8	359.4	367.8	376.2	378.3	393.0	412.7	422.6	436.1	463.2
152.5°	381.0	374.7	368.3	374.7	381.0	382.6	395.9	413.7	422.6	434.1	457.3
155°	390.9	386.1	381.4	386.1	390.9	392.1	402.2	415.8	422.6	431.7	450.2
157.5°	400.5	395.8	391.2	395.8	400.5	401.6	408.6	417.9	422.6	429.7	444.0
160°	405.1	401.4	397.9	401.4	405.1	405.9	411.5	418.8	422.6	428.7	440.9
162.5°	409.8	407.2	404.5	407.2	409.8	410.5	414.5	419.9	422.6	427.7	438.0
165°	416.5	414.0	411.7	414.0	416.5	417.1	418.9	421.3	422.6	426.3	433.6
167.5°	420.5	419.4	418.2	419.4	420.5	420.8	422.4	424.4	425.4	427.8	432.7
170°	424.8	423.7	422.6	423.7	424.8	425.1	425.2	425.3	425.4	427.8	432.7
172.5°	425.3	425.1	424.8	425.1	425.3	425.4	425.4	425.4	425.4	427.3	431.2
175°	428.0	428.0	428.0	428.0	428.0	428.0	427.1	426.0	425.4	426.7	429.1
177.5°	428.0	428.0	428.0	428.0	428.0	428.0	427.3	426.5	426.0	426.9	428.9
180°	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0



TEST NUMBER: P933909

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6	3031.6
2.5°	2925.5	2916.9	2928.3	2896.8	2928.3	2916.9	2925.5	2945.5	2928.3	2939.8	2951.3
5°	2567.0	2552.6	2506.6	2469.3	2506.6	2552.6	2567.0	2627.2	2655.9	2707.5	2776.3
7.5°	2294.4	2282.9	2271.5	2248.5	2271.5	2282.9	2294.4	2311.6	2340.3	2386.2	2437.8
10°	2234.2	2237.0	2254.2	2251.4	2254.2	2237.0	2234.2	2228.4	2219.8	2228.4	2260.0
12.5°	2389.0	2414.9	2509.5	2503.8	2509.5	2414.9	2389.0	2274.3	2196.9	2182.5	2188.3
15°	2567.0	2575.6	2595.6	2598.5	2595.6	2575.6	2567.0	2521.0	2288.7	2188.3	2156.7
17.5°	2584.2	2587.0	2601.4	2601.4	2601.4	2587.0	2584.2	2564.1	2486.6	2351.8	2173.9
20°	2569.8	2575.6	2604.2	2610.0	2604.2	2575.6	2569.8	2544.0	2500.9	2452.1	2317.3
22.5°	2564.1	2575.6	2598.5	2595.6	2598.5	2575.6	2564.1	2523.8	2486.6	2452.1	2397.6
25°	2535.4	2535.4	2538.3	2541.1	2538.3	2535.4	2535.4	2503.8	2429.2	2420.6	2389.0
27.5°	2475.1	2480.8	2498.0	2495.2	2498.0	2480.8	2475.1	2463.6	2383.3	2374.7	2351.8
30°	2420.6	2414.9	2400.5	2389.0	2400.5	2414.9	2420.6	2403.4	2323.1	2300.1	2305.9
32.5°	2328.8	2314.5	2300.1	2291.5	2300.1	2314.5	2328.8	2323.1	2262.9	2231.3	2237.0
35°	2219.8	2222.7	2219.8	2211.2	2219.8	2222.7	2219.8	2225.6	2188.3	2159.6	2156.7
37.5°	2142.4	2148.1	2145.3	2133.8	2145.3	2148.1	2142.4	2136.7	2085.0	2076.4	2082.2
40°	2062.1	2065.0	2062.1	2053.5	2062.1	2065.0	2062.1	2050.6	1978.9	1981.8	2001.9
42.5°	1984.7	1981.8	1973.2	1967.4	1973.2	1981.8	1984.7	1967.4	1875.7	1867.1	1904.4
45°	1895.7	1898.6	1881.4	1872.8	1881.4	1898.6	1895.7	1884.3	1789.6	1766.7	1792.5
47.5°	1806.8	1806.8	1792.5	1783.9	1792.5	1806.8	1806.8	1792.5	1692.1	1669.2	1683.5
50°	1712.2	1709.3	1689.3	1686.4	1689.3	1709.3	1712.2	1703.6	1597.5	1577.4	1577.4
52.5°	1603.2	1603.2	1606.1	1611.8	1606.1	1603.2	1603.2	1606.1	1511.4	1491.4	1485.6
55°	1508.6	1511.4	1531.5	1537.2	1531.5	1511.4	1508.6	1508.6	1422.5	1402.5	1391.0
57.5°	1411.1	1411.1	1425.4	1425.4	1425.4	1411.1	1411.1	1405.3	1322.1	1304.9	1299.2
60°	1299.2	1304.9	1316.4	1313.5	1316.4	1304.9	1299.2	1293.5	1221.8	1210.3	1190.2
62.5°	1181.6	1187.4	1190.2	1184.5	1190.2	1187.4	1181.6	1164.4	1121.4	1112.8	1087.0
65°	1058.3	1064.0	1066.9	1061.2	1066.9	1064.0	1058.3	1049.7	1018.1	1003.8	980.9
67.5°	932.1	929.2	926.4	937.8	926.4	929.2	932.1	920.6	900.6	889.1	857.5
70°	803.0	803.0	800.2	805.9	800.2	803.0	803.0	794.4	783.0	774.4	745.7
72.5°	665.4	662.5	674.0	665.4	674.0	662.5	665.4	662.5	656.8	648.2	619.5
75°	530.6	536.3	530.6	539.2	530.6	536.3	530.6	533.4	530.6	524.8	504.8
77.5°	404.4	410.1	404.4	404.4	404.4	410.1	404.4	407.3	407.3	407.3	390.0
80°	286.8	283.9	283.9	281.1	283.9	283.9	286.8	286.8	289.7	283.9	278.2
82.5°	183.6	180.7	180.7	186.4	180.7	180.7	183.6	186.4	180.7	180.7	180.7
85°	100.4	103.2	97.5	97.5	97.5	103.2	100.4	94.6	100.4	100.4	97.5
87.5°	37.3	34.4	34.4	34.4	34.4	34.4	37.3	40.2	40.2	40.2	43.0
90°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	14.5	19.4	21.8	18.7
92.5°	54.6	52.4	43.8	35.1	43.8	52.4	54.6	77.3	107.7	122.9	107.9
95°	185.3	178.7	152.4	126.1	152.4	178.7	185.3	243.3	320.6	359.4	303.5
97.5°	427.7	415.2	365.2	315.1	365.2	415.2	427.7	464.4	513.3	537.8	444.6
100°	600.7	585.7	526.2	466.5	526.2	585.7	600.7	598.0	594.4	592.6	489.3
102.5°	748.3	735.5	684.4	633.4	684.4	735.5	748.3	701.5	639.3	608.1	503.3
105°	920.6	913.7	886.3	858.9	886.3	913.7	920.6	815.9	676.2	606.4	504.9
107.5°	1010.3	1011.9	1018.6	1025.2	1018.6	1011.9	1010.3	864.1	669.3	571.9	482.4
110°	1033.2	1040.4	1069.0	1097.6	1069.0	1040.4	1033.2	869.9	652.1	543.2	462.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1018.6	1029.6	1073.5	1117.4	1073.5	1029.6	1018.6	851.4	628.6	517.1	445.1
115°	968.9	984.1	1045.0	1105.9	1045.0	984.1	968.9	807.8	593.1	485.7	425.1
117.5°	900.3	917.2	984.7	1052.2	984.7	917.2	900.3	755.0	561.2	464.2	412.7
120°	854.0	870.4	936.0	1001.6	936.0	870.4	854.0	721.2	544.1	455.5	408.4
122.5°	807.7	823.9	888.7	953.4	888.7	823.9	807.7	688.1	528.7	448.9	406.2
125°	746.5	761.5	821.0	880.7	821.0	761.5	746.5	644.9	509.5	441.8	404.5
127.5°	697.4	710.0	760.3	810.6	760.3	710.0	697.4	610.2	493.9	435.7	403.4
130°	666.4	678.1	724.6	771.0	724.6	678.1	666.4	588.8	485.3	433.5	404.0
132.5°	640.0	650.5	692.0	733.6	692.0	650.5	640.0	570.5	477.8	431.4	404.5
135°	602.7	611.6	647.5	683.3	647.5	611.6	602.7	544.4	466.8	428.0	404.1
137.5°	575.0	582.4	611.7	641.2	611.7	582.4	575.0	525.8	460.2	427.4	406.6
140°	553.0	559.8	587.3	614.7	587.3	559.8	553.0	510.4	453.7	425.4	407.0
142.5°	537.5	543.4	567.0	590.6	567.0	543.4	537.5	500.1	450.3	425.4	408.4
145°	514.1	518.6	536.5	554.4	536.5	518.6	514.1	483.6	442.9	422.6	408.4
147.5°	494.6	498.4	513.2	528.0	513.2	498.4	494.6	470.6	438.6	422.6	411.3
150°	483.4	486.4	498.5	510.4	498.5	486.4	483.4	463.2	436.1	422.6	412.7
152.5°	474.6	476.9	485.8	494.9	485.8	476.9	474.6	457.3	434.1	422.6	413.7
155°	463.9	465.5	471.4	477.4	471.4	465.5	463.9	450.2	431.7	422.6	415.8
157.5°	454.7	455.7	460.0	464.2	460.0	455.7	454.7	444.0	429.7	422.6	417.9
160°	450.1	450.7	453.1	455.5	453.1	450.7	450.1	440.9	428.7	422.6	418.8
162.5°	445.8	446.4	448.7	450.9	448.7	446.4	445.8	438.0	427.7	422.6	419.9
165°	439.2	439.8	442.2	444.6	442.2	439.8	439.2	433.6	426.3	422.6	421.3
167.5°	436.3	436.6	437.6	438.6	437.6	436.6	436.3	432.7	427.8	425.4	424.4
170°	436.3	436.3	436.3	436.3	436.3	436.3	436.3	432.7	427.8	425.4	425.3
172.5°	434.0	433.8	432.9	432.0	432.9	433.8	434.0	431.2	427.3	425.4	425.4
175°	430.9	430.9	430.9	430.9	430.9	430.9	430.9	429.1	426.7	425.4	426.0
177.5°	430.3	430.0	429.1	428.0	429.1	430.0	430.3	428.9	426.9	426.0	426.5
180°	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3031.6	3031.6	3031.6	3031.6	3031.6
2.5°	2994.3	3008.6	3017.2	3028.7	3057.4
5°	2879.6	2934.1	2951.3	2994.3	3045.9
7.5°	2627.2	2793.5	2839.4	2942.7	3023.0
10°	2383.3	2549.7	2630.1	2873.8	2994.3
12.5°	2260.0	2357.5	2412.0	2753.4	2954.1
15°	2182.5	2251.4	2291.5	2592.8	2908.2
17.5°	2122.3	2171.1	2199.8	2434.9	2845.2
20°	2085.0	2108.0	2133.8	2320.2	2773.5
22.5°	2059.2	2044.9	2065.0	2239.9	2675.9
25°	2042.0	1987.5	2010.5	2176.8	2561.2
27.5°	2056.4	1935.9	1944.5	2119.5	2440.7
30°	2059.2	1872.8	1875.7	2059.2	2305.9
32.5°	2039.1	1806.8	1809.7	1984.7	2153.9
35°	1990.4	1729.4	1726.5	1898.6	1947.4
37.5°	1924.4	1646.2	1646.2	1804.0	1720.8
40°	1844.1	1563.1	1571.7	1680.6	1520.0
42.5°	1746.6	1474.2	1485.6	1517.2	1370.9
45°	1640.5	1388.1	1396.7	1282.0	1256.2
47.5°	1522.9	1299.2	1302.1	1064.0	1218.9
50°	1382.4	1207.4	1196.0	912.0	1216.0
52.5°	1259.1	1107.0	1072.6	826.0	1104.2
55°	1138.6	1000.9	926.4	760.0	1023.9
57.5°	1032.5	863.3	791.6	682.6	1006.7
60°	935.0	728.5	674.0	599.4	923.5
62.5°	854.7	628.1	616.6	542.1	837.5
65°	768.6	559.3	556.4	493.3	711.3
67.5°	685.5	513.4	510.5	447.4	542.1
70°	596.5	464.6	458.9	398.7	401.5
72.5°	504.8	410.1	404.4	358.5	332.7
75°	413.0	347.0	344.2	312.6	269.6
77.5°	324.1	275.3	281.1	252.4	197.9
80°	232.3	200.8	206.5	180.7	149.1
82.5°	154.9	131.9	137.7	114.7	100.4
85°	86.0	74.6	77.4	60.2	45.9
87.5°	40.2	34.4	34.4	22.9	14.3
90°	12.6	8.0	7.5	5.2	2.9
92.5°	77.9	55.4	50.6	31.0	11.5
95°	191.8	108.0	99.0	63.3	27.5
97.5°	258.3	118.6	110.8	79.3	47.7
100°	282.6	127.5	120.4	91.8	63.2
102.5°	293.7	136.4	129.7	103.1	76.4
105°	301.9	149.6	144.0	121.4	98.9
107.5°	303.4	169.2	164.0	142.8	121.8
110°	301.1	180.1	175.3	156.3	137.3



TEST NUMBER: P933909

CATALOG NUMBER: SQ4-FA-025U-075D-830-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	301.2	193.3	188.8	170.6	152.6
115°	304.0	213.2	209.0	192.3	175.5
117.5°	309.6	232.4	228.6	213.4	198.2
120°	314.2	243.6	240.1	225.7	211.4
122.5°	320.8	256.8	253.1	238.8	224.4
125°	329.8	273.8	270.5	257.4	244.2
127.5°	338.7	290.1	286.8	273.5	260.2
130°	345.2	301.0	297.5	283.2	268.8
132.5°	350.5	309.9	306.4	292.1	277.8
135°	356.2	320.3	317.0	304.0	291.0
137.5°	364.8	333.5	330.2	317.4	304.5
140°	370.1	342.4	339.5	327.5	315.7
142.5°	374.5	349.0	346.3	335.3	324.3
145°	380.2	359.1	356.7	347.1	337.6
147.5°	388.6	371.7	369.4	360.0	350.8
150°	393.0	378.3	376.2	367.8	359.4
152.5°	395.9	382.6	381.0	374.7	368.3
155°	402.2	392.1	390.9	386.1	381.4
157.5°	408.6	401.6	400.5	395.8	391.2
160°	411.5	405.9	405.1	401.4	397.9
162.5°	414.5	410.5	409.8	407.2	404.5
165°	418.9	417.1	416.5	414.0	411.7
167.5°	422.4	420.8	420.5	419.4	418.2
170°	425.2	425.1	424.8	423.7	422.6
172.5°	425.4	425.4	425.3	425.1	424.8
175°	427.1	428.0	428.0	428.0	428.0
177.5°	427.3	428.0	428.0	428.0	428.0
180°	428.0	428.0	428.0	428.0	428.0



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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	14.55	15.68	15.27	16.42	17.30	17.40	18.53	18.13	19.27	20.16
	3H	15.05	16.06	15.78	16.81	17.73	18.78	19.79	19.51	20.54	21.45
	4H	15.25	16.21	16.01	16.97	17.90	19.24	20.19	19.99	20.95	21.88
	6H	15.39	16.27	16.15	17.04	17.98	19.54	20.42	20.31	21.19	22.13
	8H	15.39	16.23	16.17	17.02	17.97	19.63	20.47	20.40	21.26	22.20
	12H	15.37	16.17	16.16	16.96	17.93	19.68	20.48	20.46	21.26	22.23
4H	2H	15.62	16.58	16.38	17.34	18.27	17.84	18.80	18.60	19.56	20.49
	3H	16.67	17.47	17.44	18.27	19.21	19.38	20.18	20.15	20.97	21.92
	4H	16.96	17.68	17.75	18.48	19.45	19.92	20.65	20.71	21.44	22.42
	6H	17.10	17.73	17.90	18.55	19.53	20.31	20.94	21.11	21.76	22.74
	8H	17.11	17.70	17.92	18.52	19.51	20.43	21.01	21.23	21.83	22.82
	12H	17.09	17.62	17.92	18.46	19.46	20.50	21.03	21.33	21.86	22.86
8H	4H	17.44	18.02	18.25	18.84	19.83	20.07	20.65	20.88	21.47	22.46
	6H	17.71	18.20	18.55	19.06	20.05	20.52	21.01	21.36	21.87	22.86
	8H	17.76	18.19	18.60	19.04	20.05	20.68	21.11	21.53	21.97	22.98
	12H	17.75	18.13	18.60	18.98	20.05	20.80	21.18	21.64	22.02	23.09
12H	4H	17.46	17.99	18.29	18.82	19.82	20.05	20.57	20.87	21.41	22.41
	6H	17.78	18.21	18.62	19.06	20.07	20.52	20.95	21.37	21.81	22.82
	8H	17.86	18.24	18.70	19.08	20.15	20.70	21.08	21.55	21.93	22.99