

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: P934172

Luminaire Tested: SQ4-FA-025U-125D-935-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934172
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-935-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

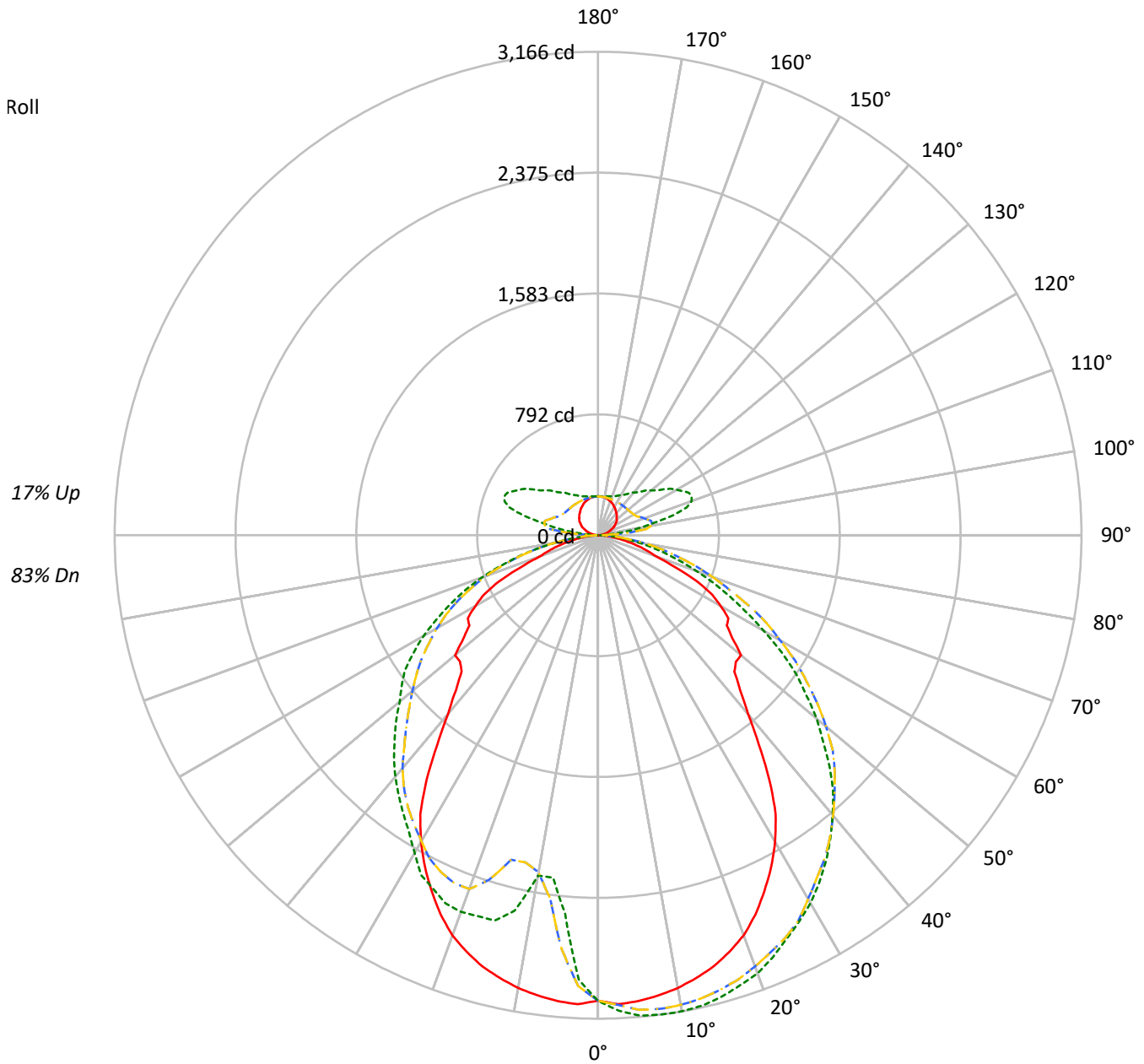
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9551.8 lumens
Efficiency: N/A
Efficacy: 96.3 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°	14141	14141	14141	14141
5°	14246	14274	14246	11224
10°	14151	14060	14151	10053
15°	13997	13756	13997	11487
20°	13705	13395	13705	11511
25°	13105	12869	13105	11267
30°	12331	12432	12331	10731
35°	10993	11879	10993	10143
40°	9160	11229	9160	9698
45°	8184	10467	8184	9186
50°	8694	9558	8694	8674
55°	8181	8580	8181	8376
60°	8432	7287	8432	7672
65°	7646	6023	7646	6733
70°	5294	4800	5294	5644
75°	4641	3549	4641	4248
80°	3742	2346	3742	2555
85°	2147	1243	2147	1057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12543 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.1	2.9
10°-20°	781.1	8.2
20°-30°	1207.5	12.6
30°-40°	1441.5	15.1
40°-50°	1449.9	15.2
50°-60°	1261.6	13.2
60°-70°	894.5	9.4
70°-80°	473.2	5.0
80°-90°	118.8	1.2
90°-100°	124.0	1.3
100°-110°	325.9	3.4
110°-120°	337.9	3.5
120°-130°	271.1	2.8
130°-140°	212.7	2.2
140°-150°	163.2	1.7
150°-160°	117.6	1.2
160°-170°	71.9	0.8
170°-180°	24.3	0.3
0°-30°	2263.7	23.7
0°-40°	3705.2	38.8
0°-60°	6416.7	67.2
0°-90°	7903.3	82.7
90°-120°	787.8	8.2
90°-150°	1434.7	15.0
90°-180°	1649.0	17.3
0°-180°	9551.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3048	3048	3048	3048	3048	
5°	3062	3157	3062	2483	3062	290
15°	2924	3128	2924	2612	2924	823
25°	2575	2918	2575	2555	2575	1182
35°	1958	2604	1958	2223	1958	1211
45°	1263	2145	1263	1883	1263	1012
55°	1029	1583	1029	1546	1029	946
65°	715	954	715	1067	715	683
75°	271	453	271	542	271	285
85°	46	115	46	98	46	62
90°	2	6	2	6	2	3
95°	16	75	16	75	16	18
105°	59	510	59	510	59	62
115°	104	657	104	657	104	103
125°	145	523	145	523	145	129
135°	173	406	173	406	173	134
145°	201	329	201	329	201	126
155°	227	284	227	284	227	104
165°	245	264	245	264	245	69
175°	254	256	254	256	254	24
180°	254	254	254	254	254	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3073.7	3073.7	3091.0	3096.8	3096.8	3088.2	3079.5	3088.2	3114.1	3122.8	3119.9
5°	3062.2	3085.3	3117.0	3122.8	3128.5	3125.6	3119.9	3125.6	3154.4	3160.2	3163.1
7.5°	3039.1	3082.4	3122.8	3131.4	3140.0	3131.4	3128.5	3134.3	3163.1	3168.8	3168.8
10°	3010.3	3070.9	3117.0	3122.8	3131.4	3122.8	3122.8	3134.3	3163.1	3168.8	3171.7
12.5°	2969.9	3053.5	3096.8	3102.6	3114.1	3111.2	3108.4	3119.9	3148.7	3154.4	3154.4
15°	2923.8	3021.8	3062.2	3068.0	3088.2	3082.4	3082.4	3093.9	3125.6	3134.3	3131.4
17.5°	2860.3	2981.4	3027.6	3036.2	3050.7	3047.8	3050.7	3062.2	3091.0	3096.8	3099.7
20°	2788.3	2926.6	2981.4	2990.1	3004.5	3004.5	3004.5	3018.9	3047.8	3059.3	3059.3
22.5°	2690.2	2869.0	2926.6	2932.4	2949.7	2949.7	2955.5	2975.7	3001.6	3004.5	3004.5
25°	2574.9	2805.6	2854.5	2871.8	2889.1	2897.8	2906.5	2918.0	2926.6	2923.8	2926.6
27.5°	2453.8	2724.8	2788.3	2799.8	2822.8	2831.5	2843.0	2845.9	2848.8	2857.4	2851.6
30°	2318.3	2612.4	2707.5	2719.1	2756.6	2762.3	2750.8	2756.6	2771.0	2776.8	2782.5
32.5°	2165.4	2445.2	2623.9	2649.9	2684.5	2667.2	2664.3	2672.9	2696.0	2696.0	2701.8
35°	1957.8	2315.4	2546.0	2569.1	2595.0	2574.9	2586.4	2589.3	2603.7	2612.4	2609.5
37.5°	1730.1	2202.9	2465.3	2482.6	2502.8	2476.8	2494.1	2502.8	2514.3	2508.5	2508.5
40°	1528.2	2027.0	2370.2	2381.7	2399.0	2378.8	2396.1	2401.9	2407.7	2401.9	2399.0
42.5°	1378.3	1833.8	2269.2	2283.6	2272.1	2286.5	2292.3	2303.8	2295.2	2283.6	2283.6
45°	1262.9	1782.0	2159.6	2176.9	2159.6	2182.7	2191.4	2191.4	2165.4	2159.6	2156.8
47.5°	1225.4	1678.1	2050.1	2050.1	2041.5	2070.3	2084.7	2064.5	2038.6	2029.9	2029.9
50°	1222.5	1562.8	1900.1	1888.6	1929.0	1963.6	1949.2	1929.0	1908.8	1877.1	1877.1
52.5°	1110.1	1421.5	1707.0	1750.3	1813.7	1833.8	1810.8	1790.6	1756.0	1741.6	1730.1
55°	1029.4	1274.5	1531.1	1617.6	1683.9	1709.9	1666.6	1646.4	1594.5	1585.9	1580.1
57.5°	1012.1	1061.1	1369.6	1479.2	1559.9	1557.0	1531.1	1493.6	1450.4	1441.7	1438.9
60°	928.4	767.0	1196.6	1326.4	1410.0	1401.4	1378.3	1343.7	1303.3	1297.5	1291.8
62.5°	841.9	556.5	1000.5	1147.6	1265.8	1262.9	1242.7	1190.8	1162.0	1147.6	1136.1
65°	715.1	467.2	712.2	954.4	1124.6	1130.3	1087.1	1049.6	1017.8	1000.5	997.7
67.5°	544.9	380.6	481.6	795.9	989.0	983.2	928.4	911.1	870.8	862.1	844.8
70°	403.7	253.7	334.5	645.9	856.3	841.9	798.7	778.6	741.1	720.9	709.3
72.5°	334.5	204.7	245.1	501.7	720.9	703.6	666.1	643.0	611.3	594.0	582.4
75°	271.0	216.2	187.4	372.0	585.3	573.8	539.2	516.1	490.2	467.2	470.0
77.5°	198.9	201.8	150.0	273.9	464.3	447.0	426.8	397.9	386.4	363.3	363.3
80°	150.0	158.6	112.5	187.4	334.5	334.5	317.2	297.0	276.8	265.3	265.3
82.5°	100.9	100.9	83.6	118.3	227.8	219.1	207.6	201.8	190.3	184.5	184.5
85°	46.1	57.7	51.9	72.1	124.0	129.8	129.8	124.0	121.1	115.4	118.3
87.5°	14.4	26.0	31.7	40.4	63.5	66.3	69.2	69.2	69.2	72.1	72.1
90°	1.7	3.1	4.4	4.8	7.5	11.2	13.0	11.5	8.6	6.5	6.5
92.5°	6.8	18.4	30.1	33.0	46.3	64.2	73.0	64.0	46.0	32.5	31.2
95°	16.4	37.6	58.9	64.2	113.9	180.3	213.5	190.5	144.6	110.1	106.2
97.5°	28.4	47.1	65.8	70.5	153.4	264.1	319.5	305.0	276.0	254.2	246.7
100°	37.6	54.5	71.5	75.7	167.8	290.6	352.0	353.2	355.3	356.9	348.0
102.5°	45.4	61.3	77.1	81.0	174.5	299.1	361.3	379.8	416.8	444.6	437.0
105°	58.7	72.2	85.6	88.9	179.4	300.0	360.3	401.8	484.8	547.0	542.9
107.5°	72.3	84.9	97.4	100.5	180.3	286.6	339.8	397.6	513.4	600.2	601.3
110°	81.6	92.9	104.2	107.0	178.9	274.8	322.7	387.4	516.8	613.9	618.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	90.7	101.4	112.1	114.8	179.0	264.5	307.2	373.4	505.8	605.2	611.7
115°	104.3	114.2	124.1	126.6	180.6	252.6	288.6	352.4	480.0	575.7	584.7
117.5°	117.7	126.8	135.8	138.1	184.0	245.2	275.8	333.4	448.5	534.9	544.9
120°	125.6	134.1	142.6	144.8	186.8	242.7	270.7	323.2	428.5	507.4	517.1
122.5°	133.3	141.9	150.5	152.6	190.7	241.4	266.8	314.1	408.9	479.9	489.6
125°	145.1	152.9	160.7	162.6	196.0	240.3	262.5	302.7	383.2	443.6	452.4
127.5°	154.6	162.5	170.4	172.4	201.2	239.7	258.9	293.5	362.6	414.4	421.9
130°	159.8	168.3	176.7	178.8	205.1	240.1	257.6	288.3	349.8	395.9	402.8
132.5°	165.0	173.6	182.0	184.1	208.2	240.3	256.4	283.9	338.9	380.2	386.5
135°	172.9	180.6	188.4	190.3	211.6	240.1	254.3	277.4	323.5	358.1	363.4
137.5°	180.9	188.5	196.2	198.2	216.7	241.5	254.0	273.5	312.4	341.7	346.0
140°	187.5	194.6	201.7	203.5	219.9	241.8	252.8	269.7	303.3	328.5	332.6
142.5°	192.7	199.2	205.8	207.4	222.5	242.7	252.8	267.6	297.2	319.3	322.8
145°	200.6	206.3	211.9	213.3	226.0	242.7	251.1	263.2	287.4	305.5	308.2
147.5°	208.4	213.9	219.5	220.8	230.9	244.4	251.1	260.6	279.6	293.9	296.1
150°	213.5	218.5	223.5	224.8	233.5	245.2	251.1	259.1	275.2	287.2	289.0
152.5°	218.8	222.5	226.4	227.3	235.2	245.8	251.1	257.9	271.6	281.9	283.3
155°	226.6	229.4	232.3	232.9	239.0	247.1	251.1	256.5	267.4	275.6	276.5
157.5°	232.4	235.2	237.9	238.6	242.7	248.3	251.1	255.3	263.8	270.2	270.8
160°	236.3	238.5	240.6	241.1	244.4	248.9	251.1	254.7	262.0	267.4	267.8
162.5°	240.3	241.9	243.4	243.8	246.2	249.5	251.1	254.2	260.3	264.9	265.2
165°	244.6	246.1	247.5	247.8	249.0	250.4	251.1	253.3	257.6	261.0	261.3
167.5°	248.5	249.2	249.9	250.1	251.0	252.2	252.8	254.2	257.1	259.3	259.4
170°	251.1	251.8	252.4	252.6	252.7	252.8	252.8	254.2	257.1	259.3	259.3
172.5°	252.4	252.6	252.8	252.8	252.8	252.8	252.8	253.9	256.2	257.9	257.7
175°	254.3	254.3	254.3	254.3	253.8	253.1	252.8	253.5	254.9	256.0	256.0
177.5°	254.3	254.3	254.3	254.3	253.9	253.4	253.1	253.7	254.8	255.7	255.5
180°	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3125.6	3117.0	3125.6	3119.9	3122.8	3114.1	3088.2	3079.5	3088.2	3096.8	3096.8
5°	3163.1	3157.3	3163.1	3163.1	3160.2	3154.4	3125.6	3119.9	3125.6	3128.5	3122.8
7.5°	3174.6	3165.9	3174.6	3168.8	3168.8	3163.1	3134.3	3128.5	3131.4	3140.0	3131.4
10°	3174.6	3165.9	3174.6	3171.7	3168.8	3163.1	3134.3	3122.8	3122.8	3131.4	3122.8
12.5°	3160.2	3154.4	3160.2	3154.4	3154.4	3148.7	3119.9	3108.4	3111.2	3114.1	3102.6
15°	3137.1	3128.5	3137.1	3131.4	3134.3	3125.6	3093.9	3082.4	3082.4	3088.2	3068.0
17.5°	3102.6	3091.0	3102.6	3099.7	3096.8	3091.0	3062.2	3050.7	3047.8	3050.7	3036.2
20°	3062.2	3053.5	3062.2	3059.3	3059.3	3047.8	3018.9	3004.5	3004.5	3004.5	2990.1
22.5°	2998.7	2990.1	2998.7	3004.5	3004.5	3001.6	2975.7	2955.5	2949.7	2949.7	2932.4
25°	2926.6	2918.0	2926.6	2926.6	2923.8	2926.6	2918.0	2906.5	2897.8	2889.1	2871.8
27.5°	2857.4	2851.6	2857.4	2851.6	2857.4	2848.8	2845.9	2843.0	2831.5	2822.8	2799.8
30°	2788.3	2782.5	2788.3	2782.5	2776.8	2771.0	2756.6	2750.8	2762.3	2756.6	2719.1
32.5°	2701.8	2696.0	2701.8	2701.8	2696.0	2696.0	2672.9	2664.3	2667.2	2684.5	2649.9
35°	2612.4	2603.7	2612.4	2609.5	2612.4	2603.7	2589.3	2586.4	2574.9	2595.0	2569.1
37.5°	2508.5	2499.9	2508.5	2508.5	2508.5	2514.3	2502.8	2494.1	2476.8	2502.8	2482.6
40°	2401.9	2390.4	2401.9	2399.0	2401.9	2407.7	2401.9	2396.1	2378.8	2399.0	2381.7
42.5°	2280.8	2277.9	2280.8	2283.6	2283.6	2295.2	2303.8	2292.3	2286.5	2272.1	2283.6
45°	2151.0	2145.3	2151.0	2156.8	2159.6	2165.4	2191.4	2191.4	2182.7	2159.6	2176.9
47.5°	2012.6	1998.2	2012.6	2029.9	2029.9	2038.6	2064.5	2084.7	2070.3	2041.5	2050.1
50°	1865.5	1868.4	1865.5	1877.1	1877.1	1908.8	1929.0	1949.2	1963.6	1929.0	1888.6
52.5°	1721.4	1718.5	1721.4	1730.1	1741.6	1756.0	1790.6	1810.8	1833.8	1813.7	1750.3
55°	1577.2	1583.0	1577.2	1580.1	1585.9	1594.5	1646.4	1666.6	1709.9	1683.9	1617.6
57.5°	1433.1	1424.4	1433.1	1438.9	1441.7	1450.4	1493.6	1531.1	1557.0	1559.9	1479.2
60°	1265.8	1254.3	1265.8	1291.8	1297.5	1303.3	1343.7	1378.3	1401.4	1410.0	1326.4
62.5°	1118.8	1098.6	1118.8	1136.1	1147.6	1162.0	1190.8	1242.7	1262.9	1265.8	1147.6
65°	963.0	954.4	963.0	997.7	1000.5	1017.8	1049.6	1087.1	1130.3	1124.6	954.4
67.5°	821.8	821.8	821.8	844.8	862.1	870.8	911.1	928.4	983.2	989.0	795.9
70°	692.0	689.1	692.0	709.3	720.9	741.1	778.6	798.7	841.9	856.3	645.9
72.5°	568.0	565.1	568.0	582.4	594.0	611.3	643.0	666.1	703.6	720.9	501.7
75°	458.5	452.7	458.5	470.0	467.2	490.2	516.1	539.2	573.8	585.3	372.0
77.5°	351.8	351.8	351.8	363.3	363.3	386.4	397.9	426.8	447.0	464.3	273.9
80°	262.4	259.5	262.4	265.3	265.3	276.8	297.0	317.2	334.5	334.5	187.4
82.5°	184.5	178.7	184.5	184.5	184.5	190.3	201.8	207.6	219.1	227.8	118.3
85°	115.4	115.4	115.4	118.3	115.4	121.1	124.0	129.8	129.8	124.0	72.1
87.5°	75.0	72.1	75.0	72.1	72.1	69.2	69.2	69.2	66.3	63.5	40.4
90°	6.5	6.5	6.5	6.5	6.5	8.6	11.5	13.0	11.2	7.5	4.8
92.5°	26.0	20.8	26.0	31.2	32.5	46.0	64.0	73.0	64.2	46.3	33.0
95°	90.6	74.9	90.6	106.2	110.1	144.6	190.5	213.5	180.3	113.9	64.2
97.5°	216.9	187.2	216.9	246.7	254.2	276.0	305.0	319.5	264.1	153.4	70.5
100°	312.6	277.2	312.6	348.0	356.9	355.3	353.2	352.0	290.6	167.8	75.7
102.5°	406.7	376.3	406.7	437.0	444.6	416.8	379.8	361.3	299.1	174.5	81.0
105°	526.6	510.3	526.6	542.9	547.0	484.8	401.8	360.3	300.0	179.4	88.9
107.5°	605.2	609.1	605.2	601.3	600.2	513.4	397.6	339.8	286.6	180.3	100.5
110°	635.1	652.1	635.1	618.1	613.9	516.8	387.4	322.7	274.8	178.9	107.0



TEST NUMBER: P934172

CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	637.8	663.9	637.8	611.7	605.2	505.8	373.4	307.2	264.5	179.0	114.8
115°	620.9	657.1	620.9	584.7	575.7	480.0	352.4	288.6	252.6	180.6	126.6
117.5°	585.1	625.2	585.1	544.9	534.9	448.5	333.4	275.8	245.2	184.0	138.1
120°	556.1	595.1	556.1	517.1	507.4	428.5	323.2	270.7	242.7	186.8	144.8
122.5°	528.0	566.4	528.0	489.6	479.9	408.9	314.1	266.8	241.4	190.7	152.6
125°	487.9	523.3	487.9	452.4	443.6	383.2	302.7	262.5	240.3	196.0	162.6
127.5°	451.7	481.6	451.7	421.9	414.4	362.6	293.5	258.9	239.7	201.2	172.4
130°	430.4	458.0	430.4	402.8	395.9	349.8	288.3	257.6	240.1	205.1	178.8
132.5°	411.2	435.9	411.2	386.5	380.2	338.9	283.9	256.4	240.3	208.2	184.1
135°	384.7	406.0	384.7	363.4	358.1	323.5	277.4	254.3	240.1	211.6	190.3
137.5°	363.5	380.9	363.5	346.0	341.7	312.4	273.5	254.0	241.5	216.7	198.2
140°	348.9	365.3	348.9	332.6	328.5	303.3	269.7	252.8	241.8	219.9	203.5
142.5°	336.9	350.9	336.9	322.8	319.3	297.2	267.6	252.8	242.7	222.5	207.4
145°	318.8	329.4	318.8	308.2	305.5	287.4	263.2	251.1	242.7	226.0	213.3
147.5°	304.8	313.7	304.8	296.1	293.9	279.6	260.6	251.1	244.4	230.9	220.8
150°	296.2	303.3	296.2	289.0	287.2	275.2	259.1	251.1	245.2	233.5	224.8
152.5°	288.7	294.0	288.7	283.3	281.9	271.6	257.9	251.1	245.8	235.2	227.3
155°	280.1	283.6	280.1	276.5	275.6	267.4	256.5	251.1	247.1	239.0	232.9
157.5°	273.3	275.8	273.3	270.8	270.2	263.8	255.3	251.1	248.3	242.7	238.6
160°	269.2	270.7	269.2	267.8	267.4	262.0	254.7	251.1	248.9	244.4	241.1
162.5°	266.6	268.0	266.6	265.2	264.9	260.3	254.2	251.1	249.5	246.2	243.8
165°	262.8	264.2	262.8	261.3	261.0	257.6	253.3	251.1	250.4	249.0	247.8
167.5°	260.0	260.6	260.0	259.4	259.3	257.1	254.2	252.8	252.2	251.0	250.1
170°	259.3	259.3	259.3	259.3	259.3	257.1	254.2	252.8	252.8	252.7	252.6
172.5°	257.2	256.7	257.2	257.7	257.9	256.2	253.9	252.8	252.8	252.8	252.8
175°	256.0	256.0	256.0	256.0	256.0	254.9	253.5	252.8	253.1	253.8	254.3
177.5°	254.9	254.3	254.9	255.5	255.7	254.8	253.7	253.1	253.4	253.9	254.3
180°	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3



TEST NUMBER: P934172
 CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3091.0	3073.7	3073.7	3044.9	3033.4	3024.7	3010.3	2967.0	2955.5	2943.9	2961.3
5°	3117.0	3085.3	3062.2	3010.3	2967.0	2949.7	2894.9	2791.2	2722.0	2670.0	2641.2
7.5°	3122.8	3082.4	3039.1	2958.4	2854.5	2808.4	2641.2	2450.9	2399.0	2352.9	2324.0
10°	3117.0	3070.9	3010.3	2889.1	2644.1	2563.3	2396.1	2272.1	2240.4	2231.7	2240.4
12.5°	3096.8	3053.5	2969.9	2768.1	2425.0	2370.2	2272.1	2200.0	2194.2	2208.7	2286.5
15°	3062.2	3021.8	2923.8	2606.6	2303.8	2263.5	2194.2	2168.3	2200.0	2301.0	2534.5
17.5°	3027.6	2981.4	2860.3	2448.1	2211.5	2182.7	2133.7	2185.6	2364.4	2499.9	2577.7
20°	2981.4	2926.6	2788.3	2332.7	2145.3	2119.3	2096.3	2329.8	2465.3	2514.3	2557.6
22.5°	2926.6	2869.0	2690.2	2251.9	2076.1	2055.9	2070.3	2410.6	2465.3	2499.9	2537.4
25°	2854.5	2805.6	2574.9	2188.5	2021.3	1998.2	2053.0	2401.9	2433.6	2442.3	2517.2
27.5°	2788.3	2724.8	2453.8	2130.9	1954.9	1946.3	2067.4	2364.4	2387.5	2396.1	2476.8
30°	2707.5	2612.4	2318.3	2070.3	1885.7	1882.8	2070.3	2318.3	2312.5	2335.6	2416.3
32.5°	2623.9	2445.2	2165.4	1995.3	1819.4	1816.5	2050.1	2249.0	2243.3	2275.0	2335.6
35°	2546.0	2315.4	1957.8	1908.8	1735.8	1738.7	2001.1	2168.3	2171.2	2200.0	2237.5
37.5°	2465.3	2202.9	1730.1	1813.7	1655.1	1655.1	1934.7	2093.4	2087.6	2096.3	2148.1
40°	2370.2	2027.0	1528.2	1689.7	1580.1	1571.4	1854.0	2012.6	1992.4	1989.6	2061.7
42.5°	2269.2	1833.8	1378.3	1525.3	1493.6	1482.1	1756.0	1914.6	1877.1	1885.7	1978.0
45°	2159.6	1782.0	1262.9	1288.9	1404.2	1395.6	1649.3	1802.2	1776.2	1799.3	1894.4
47.5°	2050.1	1678.1	1225.4	1069.8	1309.1	1306.2	1531.1	1692.6	1678.1	1701.2	1802.2
50°	1900.1	1562.8	1222.5	916.9	1202.3	1213.9	1389.8	1585.9	1585.9	1606.0	1712.8
52.5°	1707.0	1421.5	1110.1	830.4	1078.4	1113.0	1265.8	1493.6	1499.3	1519.5	1614.7
55°	1531.1	1274.5	1029.4	764.1	931.3	1006.3	1144.7	1398.5	1410.0	1430.2	1516.6
57.5°	1369.6	1061.1	1012.1	686.3	795.9	867.9	1038.0	1306.2	1311.9	1329.3	1412.9
60°	1196.6	767.0	928.4	602.6	677.6	732.4	940.0	1196.6	1216.8	1228.3	1300.4
62.5°	1000.5	556.5	841.9	544.9	619.9	631.5	859.2	1092.8	1118.8	1127.5	1170.6
65°	712.2	467.2	715.1	495.9	559.3	562.2	772.8	986.1	1009.2	1023.6	1055.3
67.5°	481.6	380.6	544.9	449.8	513.2	516.1	689.1	862.1	893.8	905.4	925.6
70°	334.5	253.7	403.7	400.8	461.4	467.2	599.7	749.7	778.6	787.2	798.7
72.5°	245.1	204.7	334.5	360.4	406.6	412.4	507.5	622.8	651.6	660.3	666.1
75°	187.4	216.2	271.0	314.3	346.0	348.9	415.2	507.5	527.6	533.4	536.3
77.5°	150.0	201.8	198.9	253.7	282.6	276.8	325.8	392.2	409.5	409.5	409.5
80°	112.5	158.6	150.0	181.6	207.6	201.8	233.5	279.7	285.4	291.2	288.3
82.5°	83.6	100.9	100.9	115.4	138.4	132.7	155.7	181.6	181.6	181.6	187.4
85°	51.9	57.7	46.1	60.6	77.9	75.0	86.5	98.1	100.9	100.9	95.2
87.5°	31.7	26.0	14.4	23.1	34.6	34.6	40.4	43.3	40.4	40.4	40.4
90°	4.4	3.1	1.7	3.1	4.4	4.8	7.5	11.2	13.0	11.5	8.6
92.5°	30.1	18.4	6.8	18.4	30.1	33.0	46.3	64.2	73.0	64.0	46.0
95°	58.9	37.6	16.4	37.6	58.9	64.2	113.9	180.3	213.5	190.5	144.6
97.5°	65.8	47.1	28.4	47.1	65.8	70.5	153.4	264.1	319.5	305.0	276.0
100°	71.5	54.5	37.6	54.5	71.5	75.7	167.8	290.6	352.0	353.2	355.3
102.5°	77.1	61.3	45.4	61.3	77.1	81.0	174.5	299.1	361.3	379.8	416.8
105°	85.6	72.2	58.7	72.2	85.6	88.9	179.4	300.0	360.3	401.8	484.8
107.5°	97.4	84.9	72.3	84.9	97.4	100.5	180.3	286.6	339.8	397.6	513.4
110°	104.2	92.9	81.6	92.9	104.2	107.0	178.9	274.8	322.7	387.4	516.8



TEST NUMBER: P934172

CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	112.1	101.4	90.7	101.4	112.1	114.8	179.0	264.5	307.2	373.4	505.8
115°	124.1	114.2	104.3	114.2	124.1	126.6	180.6	252.6	288.6	352.4	480.0
117.5°	135.8	126.8	117.7	126.8	135.8	138.1	184.0	245.2	275.8	333.4	448.5
120°	142.6	134.1	125.6	134.1	142.6	144.8	186.8	242.7	270.7	323.2	428.5
122.5°	150.5	141.9	133.3	141.9	150.5	152.6	190.7	241.4	266.8	314.1	408.9
125°	160.7	152.9	145.1	152.9	160.7	162.6	196.0	240.3	262.5	302.7	383.2
127.5°	170.4	162.5	154.6	162.5	170.4	172.4	201.2	239.7	258.9	293.5	362.6
130°	176.7	168.3	159.8	168.3	176.7	178.8	205.1	240.1	257.6	288.3	349.8
132.5°	182.0	173.6	165.0	173.6	182.0	184.1	208.2	240.3	256.4	283.9	338.9
135°	188.4	180.6	172.9	180.6	188.4	190.3	211.6	240.1	254.3	277.4	323.5
137.5°	196.2	188.5	180.9	188.5	196.2	198.2	216.7	241.5	254.0	273.5	312.4
140°	201.7	194.6	187.5	194.6	201.7	203.5	219.9	241.8	252.8	269.7	303.3
142.5°	205.8	199.2	192.7	199.2	205.8	207.4	222.5	242.7	252.8	267.6	297.2
145°	211.9	206.3	200.6	206.3	211.9	213.3	226.0	242.7	251.1	263.2	287.4
147.5°	219.5	213.9	208.4	213.9	219.5	220.8	230.9	244.4	251.1	260.6	279.6
150°	223.5	218.5	213.5	218.5	223.5	224.8	233.5	245.2	251.1	259.1	275.2
152.5°	226.4	222.5	218.8	222.5	226.4	227.3	235.2	245.8	251.1	257.9	271.6
155°	232.3	229.4	226.6	229.4	232.3	232.9	239.0	247.1	251.1	256.5	267.4
157.5°	237.9	235.2	232.4	235.2	237.9	238.6	242.7	248.3	251.1	255.3	263.8
160°	240.6	238.5	236.3	238.5	240.6	241.1	244.4	248.9	251.1	254.7	262.0
162.5°	243.4	241.9	240.3	241.9	243.4	243.8	246.2	249.5	251.1	254.2	260.3
165°	247.5	246.1	244.6	246.1	247.5	247.8	249.0	250.4	251.1	253.3	257.6
167.5°	249.9	249.2	248.5	249.2	249.9	250.1	251.0	252.2	252.8	254.2	257.1
170°	252.4	251.8	251.1	251.8	252.4	252.6	252.7	252.8	252.8	254.2	257.1
172.5°	252.8	252.6	252.4	252.6	252.8	252.8	252.8	252.8	252.8	253.9	256.2
175°	254.3	254.3	254.3	254.3	254.3	254.3	253.8	253.1	252.8	253.5	254.9
177.5°	254.3	254.3	254.3	254.3	254.3	254.3	253.9	253.4	253.1	253.7	254.8
180°	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3



TEST NUMBER: P934172
 CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	2941.1	2932.4	2943.9	2912.2	2943.9	2932.4	2941.1	2961.3	2943.9	2955.5	2967.0
5°	2580.6	2566.2	2520.1	2482.6	2520.1	2566.2	2580.6	2641.2	2670.0	2722.0	2791.2
7.5°	2306.7	2295.2	2283.6	2260.6	2283.6	2295.2	2306.7	2324.0	2352.9	2399.0	2450.9
10°	2246.2	2249.0	2266.3	2263.5	2266.3	2249.0	2246.2	2240.4	2231.7	2240.4	2272.1
12.5°	2401.9	2427.9	2522.9	2517.2	2522.9	2427.9	2401.9	2286.5	2208.7	2194.2	2200.0
15°	2580.6	2589.3	2609.5	2612.4	2609.5	2589.3	2580.6	2534.5	2301.0	2200.0	2168.3
17.5°	2597.9	2600.8	2615.2	2615.2	2615.2	2600.8	2597.9	2577.7	2499.9	2364.4	2185.6
20°	2583.5	2589.3	2618.1	2623.9	2618.1	2589.3	2583.5	2557.6	2514.3	2465.3	2329.8
22.5°	2577.7	2589.3	2612.4	2609.5	2612.4	2589.3	2577.7	2537.4	2499.9	2465.3	2410.6
25°	2548.9	2548.9	2551.8	2554.7	2551.8	2548.9	2548.9	2517.2	2442.3	2433.6	2401.9
27.5°	2488.4	2494.1	2511.4	2508.5	2511.4	2494.1	2488.4	2476.8	2396.1	2387.5	2364.4
30°	2433.6	2427.9	2413.4	2401.9	2413.4	2427.9	2433.6	2416.3	2335.6	2312.5	2318.3
32.5°	2341.3	2326.9	2312.5	2303.8	2312.5	2326.9	2341.3	2335.6	2275.0	2243.3	2249.0
35°	2231.7	2234.6	2231.7	2223.1	2231.7	2234.6	2231.7	2237.5	2200.0	2171.2	2168.3
37.5°	2153.9	2159.6	2156.8	2145.3	2156.8	2159.6	2153.9	2148.1	2096.3	2087.6	2093.4
40°	2073.2	2076.1	2073.2	2064.5	2073.2	2076.1	2073.2	2061.7	1989.6	1992.4	2012.6
42.5°	1995.3	1992.4	1983.8	1978.0	1983.8	1992.4	1995.3	1978.0	1885.7	1877.1	1914.6
45°	1905.9	1908.8	1891.5	1882.8	1891.5	1908.8	1905.9	1894.4	1799.3	1776.2	1802.2
47.5°	1816.5	1816.5	1802.2	1793.5	1802.2	1816.5	1816.5	1802.2	1701.2	1678.1	1692.6
50°	1721.4	1718.5	1698.3	1695.5	1698.3	1718.5	1721.4	1712.8	1606.0	1585.9	1585.9
52.5°	1611.8	1611.8	1614.7	1620.5	1614.7	1611.8	1611.8	1614.7	1519.5	1499.3	1493.6
55°	1516.6	1519.5	1539.7	1545.5	1539.7	1519.5	1516.6	1516.6	1430.2	1410.0	1398.5
57.5°	1418.7	1418.7	1433.1	1433.1	1433.1	1418.7	1418.7	1412.9	1329.3	1311.9	1306.2
60°	1306.2	1311.9	1323.5	1320.6	1323.5	1311.9	1306.2	1300.4	1228.3	1216.8	1196.6
62.5°	1187.9	1193.7	1196.6	1190.8	1196.6	1193.7	1187.9	1170.6	1127.5	1118.8	1092.8
65°	1064.0	1069.8	1072.7	1066.9	1072.7	1069.8	1064.0	1055.3	1023.6	1009.2	986.1
67.5°	937.1	934.2	931.3	942.9	931.3	934.2	937.1	925.6	905.4	893.8	862.1
70°	807.4	807.4	804.5	810.3	804.5	807.4	807.4	798.7	787.2	778.6	749.7
72.5°	669.0	666.1	677.6	669.0	677.6	666.1	669.0	666.1	660.3	651.6	622.8
75°	533.4	539.2	533.4	542.0	533.4	539.2	533.4	536.3	533.4	527.6	507.5
77.5°	406.6	412.4	406.6	406.6	406.6	412.4	406.6	409.5	409.5	409.5	392.2
80°	288.3	285.4	285.4	282.6	285.4	285.4	288.3	288.3	291.2	285.4	279.7
82.5°	184.5	181.6	181.6	187.4	181.6	181.6	184.5	187.4	181.6	181.6	181.6
85°	100.9	103.8	98.1	98.1	98.1	103.8	100.9	95.2	100.9	100.9	98.1
87.5°	37.5	34.6	34.6	34.6	34.6	34.6	37.5	40.4	40.4	40.4	43.3
90°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	8.6	11.5	13.0	11.2
92.5°	32.5	31.2	26.0	20.8	26.0	31.2	32.5	46.0	64.0	73.0	64.2
95°	110.1	106.2	90.6	74.9	90.6	106.2	110.1	144.6	190.5	213.5	180.3
97.5°	254.2	246.7	216.9	187.2	216.9	246.7	254.2	276.0	305.0	319.5	264.1
100°	356.9	348.0	312.6	277.2	312.6	348.0	356.9	355.3	353.2	352.0	290.6
102.5°	444.6	437.0	406.7	376.3	406.7	437.0	444.6	416.8	379.8	361.3	299.1
105°	547.0	542.9	526.6	510.3	526.6	542.9	547.0	484.8	401.8	360.3	300.0
107.5°	600.2	601.3	605.2	609.1	605.2	601.3	600.2	513.4	397.6	339.8	286.6
110°	613.9	618.1	635.1	652.1	635.1	618.1	613.9	516.8	387.4	322.7	274.8



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	605.2	611.7	637.8	663.9	637.8	611.7	605.2	505.8	373.4	307.2	264.5
115°	575.7	584.7	620.9	657.1	620.9	584.7	575.7	480.0	352.4	288.6	252.6
117.5°	534.9	544.9	585.1	625.2	585.1	544.9	534.9	448.5	333.4	275.8	245.2
120°	507.4	517.1	556.1	595.1	556.1	517.1	507.4	428.5	323.2	270.7	242.7
122.5°	479.9	489.6	528.0	566.4	528.0	489.6	479.9	408.9	314.1	266.8	241.4
125°	443.6	452.4	487.9	523.3	487.9	452.4	443.6	383.2	302.7	262.5	240.3
127.5°	414.4	421.9	451.7	481.6	451.7	421.9	414.4	362.6	293.5	258.9	239.7
130°	395.9	402.8	430.4	458.0	430.4	402.8	395.9	349.8	288.3	257.6	240.1
132.5°	380.2	386.5	411.2	435.9	411.2	386.5	380.2	338.9	283.9	256.4	240.3
135°	358.1	363.4	384.7	406.0	384.7	363.4	358.1	323.5	277.4	254.3	240.1
137.5°	341.7	346.0	363.5	380.9	363.5	346.0	341.7	312.4	273.5	254.0	241.5
140°	328.5	332.6	348.9	365.3	348.9	332.6	328.5	303.3	269.7	252.8	241.8
142.5°	319.3	322.8	336.9	350.9	336.9	322.8	319.3	297.2	267.6	252.8	242.7
145°	305.5	308.2	318.8	329.4	318.8	308.2	305.5	287.4	263.2	251.1	242.7
147.5°	293.9	296.1	304.8	313.7	304.8	296.1	293.9	279.6	260.6	251.1	244.4
150°	287.2	289.0	296.2	303.3	296.2	289.0	287.2	275.2	259.1	251.1	245.2
152.5°	281.9	283.3	288.7	294.0	288.7	283.3	281.9	271.6	257.9	251.1	245.8
155°	275.6	276.5	280.1	283.6	280.1	276.5	275.6	267.4	256.5	251.1	247.1
157.5°	270.2	270.8	273.3	275.8	273.3	270.8	270.2	263.8	255.3	251.1	248.3
160°	267.4	267.8	269.2	270.7	269.2	267.8	267.4	262.0	254.7	251.1	248.9
162.5°	264.9	265.2	266.6	268.0	266.6	265.2	264.9	260.3	254.2	251.1	249.5
165°	261.0	261.3	262.8	264.2	262.8	261.3	261.0	257.6	253.3	251.1	250.4
167.5°	259.3	259.4	260.0	260.6	260.0	259.4	259.3	257.1	254.2	252.8	252.2
170°	259.3	259.3	259.3	259.3	259.3	259.3	259.3	257.1	254.2	252.8	252.8
172.5°	257.9	257.7	257.2	256.7	257.2	257.7	257.9	256.2	253.9	252.8	252.8
175°	256.0	256.0	256.0	256.0	256.0	256.0	256.0	254.9	253.5	252.8	253.1
177.5°	255.7	255.5	254.9	254.3	254.9	255.5	255.7	254.8	253.7	253.1	253.4
180°	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3	254.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3010.3	3024.7	3033.4	3044.9	3073.7
5°	2894.9	2949.7	2967.0	3010.3	3062.2
7.5°	2641.2	2808.4	2854.5	2958.4	3039.1
10°	2396.1	2563.3	2644.1	2889.1	3010.3
12.5°	2272.1	2370.2	2425.0	2768.1	2969.9
15°	2194.2	2263.5	2303.8	2606.6	2923.8
17.5°	2133.7	2182.7	2211.5	2448.1	2860.3
20°	2096.3	2119.3	2145.3	2332.7	2788.3
22.5°	2070.3	2055.9	2076.1	2251.9	2690.2
25°	2053.0	1998.2	2021.3	2188.5	2574.9
27.5°	2067.4	1946.3	1954.9	2130.9	2453.8
30°	2070.3	1882.8	1885.7	2070.3	2318.3
32.5°	2050.1	1816.5	1819.4	1995.3	2165.4
35°	2001.1	1738.7	1735.8	1908.8	1957.8
37.5°	1934.7	1655.1	1655.1	1813.7	1730.1
40°	1854.0	1571.4	1580.1	1689.7	1528.2
42.5°	1756.0	1482.1	1493.6	1525.3	1378.3
45°	1649.3	1395.6	1404.2	1288.9	1262.9
47.5°	1531.1	1306.2	1309.1	1069.8	1225.4
50°	1389.8	1213.9	1202.3	916.9	1222.5
52.5°	1265.8	1113.0	1078.4	830.4	1110.1
55°	1144.7	1006.3	931.3	764.1	1029.4
57.5°	1038.0	867.9	795.9	686.3	1012.1
60°	940.0	732.4	677.6	602.6	928.4
62.5°	859.2	631.5	619.9	544.9	841.9
65°	772.8	562.2	559.3	495.9	715.1
67.5°	689.1	516.1	513.2	449.8	544.9
70°	599.7	467.2	461.4	400.8	403.7
72.5°	507.5	412.4	406.6	360.4	334.5
75°	415.2	348.9	346.0	314.3	271.0
77.5°	325.8	276.8	282.6	253.7	198.9
80°	233.5	201.8	207.6	181.6	150.0
82.5°	155.7	132.7	138.4	115.4	100.9
85°	86.5	75.0	77.9	60.6	46.1
87.5°	40.4	34.6	34.6	23.1	14.4
90°	7.5	4.8	4.4	3.1	1.7
92.5°	46.3	33.0	30.1	18.4	6.8
95°	113.9	64.2	58.9	37.6	16.4
97.5°	153.4	70.5	65.8	47.1	28.4
100°	167.8	75.7	71.5	54.5	37.6
102.5°	174.5	81.0	77.1	61.3	45.4
105°	179.4	88.9	85.6	72.2	58.7
107.5°	180.3	100.5	97.4	84.9	72.3
110°	178.9	107.0	104.2	92.9	81.6



TEST NUMBER: P934172

CATALOG NUMBER: SQ4-FA-025U-125D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	179.0	114.8	112.1	101.4	90.7
115°	180.6	126.6	124.1	114.2	104.3
117.5°	184.0	138.1	135.8	126.8	117.7
120°	186.8	144.8	142.6	134.1	125.6
122.5°	190.7	152.6	150.5	141.9	133.3
125°	196.0	162.6	160.7	152.9	145.1
127.5°	201.2	172.4	170.4	162.5	154.6
130°	205.1	178.8	176.7	168.3	159.8
132.5°	208.2	184.1	182.0	173.6	165.0
135°	211.6	190.3	188.4	180.6	172.9
137.5°	216.7	198.2	196.2	188.5	180.9
140°	219.9	203.5	201.7	194.6	187.5
142.5°	222.5	207.4	205.8	199.2	192.7
145°	226.0	213.3	211.9	206.3	200.6
147.5°	230.9	220.8	219.5	213.9	208.4
150°	233.5	224.8	223.5	218.5	213.5
152.5°	235.2	227.3	226.4	222.5	218.8
155°	239.0	232.9	232.3	229.4	226.6
157.5°	242.7	238.6	237.9	235.2	232.4
160°	244.4	241.1	240.6	238.5	236.3
162.5°	246.2	243.8	243.4	241.9	240.3
165°	249.0	247.8	247.5	246.1	244.6
167.5°	251.0	250.1	249.9	249.2	248.5
170°	252.7	252.6	252.4	251.8	251.1
172.5°	252.8	252.8	252.8	252.6	252.4
175°	253.8	254.3	254.3	254.3	254.3
177.5°	253.9	254.3	254.3	254.3	254.3
180°	254.3	254.3	254.3	254.3	254.3



TEST NUMBER: P934172
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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	16.62	17.88	17.24	18.51	19.22	19.46	20.72	20.07	21.34	22.06
	3H	17.13	18.26	17.76	18.90	19.64	20.84	21.97	21.46	22.60	23.35
	4H	17.34	18.40	17.98	19.05	19.81	21.30	22.37	21.95	23.02	23.78
	6H	17.48	18.46	18.14	19.12	19.90	21.61	22.59	22.27	23.25	24.03
	8H	17.49	18.43	18.16	19.11	19.89	21.69	22.63	22.37	23.31	24.09
	12H	17.47	18.37	18.15	19.04	19.85	21.75	22.64	22.43	23.32	24.12
4H	2H	17.70	18.77	18.35	19.42	20.18	19.92	20.98	20.57	21.63	22.39
	3H	18.77	19.66	19.43	20.34	21.12	21.46	22.35	22.12	23.04	23.82
	4H	19.06	19.87	19.74	20.56	21.37	22.01	22.81	22.69	23.50	24.31
	6H	19.21	19.91	19.91	20.62	21.44	22.40	23.10	23.10	23.81	24.63
	8H	19.22	19.88	19.93	20.59	21.42	22.51	23.17	23.22	23.88	24.71
	12H	19.21	19.79	19.93	20.53	21.37	22.59	23.18	23.32	23.92	24.75
8H	4H	19.55	20.20	20.25	20.91	21.75	22.16	22.82	22.87	23.53	24.36
	6H	19.82	20.37	20.56	21.12	21.96	22.62	23.16	23.35	23.92	24.75
	8H	19.87	20.35	20.62	21.11	21.96	22.77	23.26	23.52	24.02	24.87
	12H	19.87	20.30	20.62	21.05	21.96	22.89	23.32	23.64	24.07	24.98
12H	4H	19.57	20.16	20.30	20.90	21.74	22.14	22.73	22.87	23.47	24.31
	6H	19.89	20.37	20.64	21.13	21.98	22.62	23.10	23.37	23.86	24.71
	8H	19.97	20.40	20.72	21.15	22.06	22.80	23.22	23.55	23.97	24.89