

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: P934069

Luminaire Tested: SQ4-FA-025U-100D-935-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934069
REPORT IS A COMBINATION OF REPORTS P933681 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-100D-935-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

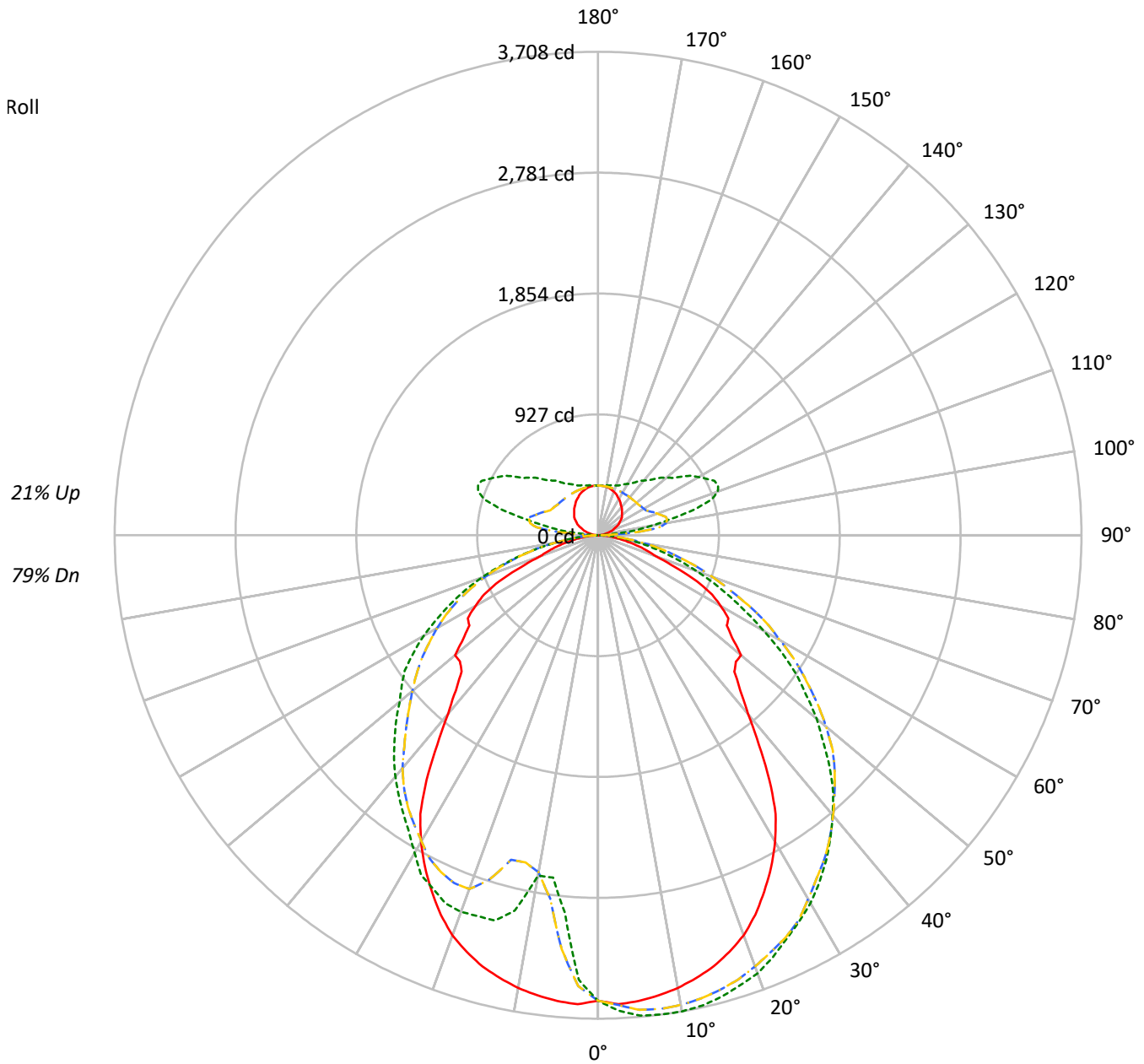
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11729.4 lumens
Efficiency: N/A
Efficacy: 100.8 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): 116.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - 90°-270° - · - 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	114	114	114	114	109	109	109	109	99	99	99	91	91	91	83	83	83	79				79
1	104	100	96	92	100	96	92	89	88	85	82	80	78	76	73	72	70	67				67
2	95	87	81	76	91	84	78	73	77	72	68	70	67	64	65	62	59	56				56
3	87	77	69	63	83	74	67	61	68	62	57	62	58	54	57	54	50	47				47
4	79	68	60	53	76	65	58	52	60	54	49	56	50	46	51	47	43	41				41
5	73	61	52	46	70	58	51	45	54	47	42	50	44	40	46	41	38	35				35
6	67	55	46	40	64	53	45	39	49	42	37	45	39	35	42	37	33	31				31
7	62	50	41	35	59	48	40	34	44	38	33	41	35	31	38	33	30	27				27
8	58	45	37	31	55	44	36	31	40	34	29	38	32	28	35	30	26	24				24
9	54	41	33	28	52	40	33	27	37	31	26	35	29	25	32	27	24	22				22
10	51	38	30	25	48	37	30	25	34	28	24	32	27	23	30	25	22	20				20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11041	11041	11041	11041
5°	11128	11145	11128	8764
10°	11057	10979	11057	7849
15°	10941	10741	10941	8969
20°	10716	10459	10716	8988
25°	10252	10048	10252	8797
30°	9651	9707	9651	8379
35°	8608	9275	8608	7919
40°	7177	8767	7177	7572
45°	6417	8172	6417	7173
50°	6823	7463	6823	6772
55°	6425	6699	6425	6540
60°	6631	5689	6631	5990
65°	6022	4703	6022	5257
70°	4180	3748	4180	4407
75°	3680	2771	3680	3318
80°	2987	1831	2987	1994
85°	1750	970	1750	824

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9828 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	322.2	2.7
10°-20°	914.9	7.8
20°-30°	1414.2	12.1
30°-40°	1688.3	14.4
40°-50°	1698.2	14.5
50°-60°	1477.6	12.6
60°-70°	1047.6	8.9
70°-80°	554.3	4.7
80°-90°	139.5	1.2
90°-100°	185.9	1.6
100°-110°	488.8	4.2
110°-120°	506.9	4.3
120°-130°	406.6	3.5
130°-140°	319.0	2.7
140°-150°	244.9	2.1
150°-160°	176.3	1.5
160°-170°	107.9	0.9
170°-180°	36.5	0.3
0°-30°	2651.3	22.6
0°-40°	4339.6	37.0
0°-60°	7515.3	64.1
0°-90°	9256.7	78.9
90°-120°	1181.6	10.1
90°-150°	2152.0	18.3
90°-180°	2473.0	21.1
0°-180°	11729.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3570	3570	3570	3570	3570	
5°	3586	3698	3586	2908	3586	340
15°	3424	3664	3424	3060	3424	963
25°	3016	3418	3016	2992	3016	1385
35°	2293	3050	2293	2604	2293	1419
45°	1479	2512	1479	2205	1479	1185
55°	1206	1854	1206	1810	1206	1108
65°	838	1118	838	1250	838	800
75°	318	530	318	635	318	334
85°	54	135	54	115	54	73
90°	3	10	3	10	3	4
95°	24	112	24	112	24	27
105°	88	765	88	765	88	93
115°	156	986	156	986	156	154
125°	218	785	218	785	218	193
135°	259	609	259	609	259	201
145°	301	494	301	494	301	188
155°	340	426	340	426	340	156
165°	367	396	367	396	367	104
175°	381	384	381	384	381	36
180°	381	381	381	381	381	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5
2.5°	3600.0	3600.0	3620.2	3627.0	3627.0	3616.8	3606.7	3616.8	3647.2	3657.4	3654.0
5°	3586.5	3613.5	3650.6	3657.4	3664.1	3660.8	3654.0	3660.8	3694.5	3701.3	3704.7
7.5°	3559.4	3610.1	3657.4	3667.5	3677.7	3667.5	3664.1	3670.9	3704.7	3711.4	3711.4
10°	3525.7	3596.6	3650.6	3657.4	3667.5	3657.4	3657.4	3670.9	3704.7	3711.4	3714.8
12.5°	3478.4	3576.4	3627.0	3633.8	3647.2	3643.8	3640.5	3654.0	3687.8	3694.5	3694.5
15°	3424.4	3539.2	3586.5	3593.2	3616.8	3610.1	3610.1	3623.6	3660.8	3670.9	3667.5
17.5°	3350.1	3491.9	3545.9	3556.1	3572.9	3569.5	3572.9	3586.5	3620.2	3627.0	3630.4
20°	3265.6	3427.8	3491.9	3502.1	3518.9	3518.9	3518.9	3535.8	3569.5	3583.1	3583.1
22.5°	3150.8	3360.2	3427.8	3434.5	3454.8	3454.8	3461.5	3485.1	3515.5	3518.9	3518.9
25°	3015.7	3285.9	3343.3	3363.6	3383.8	3393.9	3404.1	3417.6	3427.8	3424.4	3427.8
27.5°	2873.9	3191.3	3265.6	3279.2	3306.2	3316.3	3329.8	3333.2	3336.5	3346.7	3339.9
30°	2715.2	3059.6	3171.1	3184.6	3228.5	3235.2	3221.8	3228.5	3245.4	3252.2	3258.9
32.5°	2536.1	2863.7	3073.2	3103.5	3144.1	3123.8	3120.4	3130.6	3157.6	3157.6	3164.3
35°	2293.1	2711.8	2982.0	3009.0	3039.3	3015.7	3029.2	3032.6	3049.5	3059.6	3056.3
37.5°	2026.2	2580.1	2887.4	2907.7	2931.3	2900.9	2921.2	2931.3	2944.9	2938.0	2938.0
40°	1789.9	2374.1	2776.0	2789.4	2809.7	2786.1	2806.3	2813.1	2819.9	2813.1	2809.7
42.5°	1614.3	2147.8	2657.7	2674.7	2661.1	2678.0	2684.7	2698.3	2688.1	2674.7	2674.7
45°	1479.2	2087.1	2529.4	2549.7	2529.4	2556.4	2566.6	2566.6	2536.1	2529.4	2526.1
47.5°	1435.3	1965.5	2401.1	2401.1	2391.0	2424.7	2441.7	2418.0	2387.6	2377.5	2377.5
50°	1431.9	1830.4	2225.5	2212.0	2259.2	2299.8	2282.9	2259.2	2235.6	2198.5	2198.5
52.5°	1300.2	1664.9	1999.2	2049.9	2124.2	2147.8	2120.8	2097.2	2056.6	2039.8	2026.2
55°	1205.6	1492.7	1793.2	1894.5	1972.2	2002.6	1951.9	1928.3	1867.5	1857.4	1850.6
57.5°	1185.4	1242.7	1604.1	1732.5	1827.0	1823.6	1793.2	1749.3	1698.6	1688.6	1685.2
60°	1087.4	898.3	1401.5	1553.5	1651.4	1641.3	1614.3	1573.7	1526.4	1519.7	1512.9
62.5°	986.1	651.8	1171.8	1344.1	1482.6	1479.2	1455.6	1394.7	1361.0	1344.1	1330.6
65°	837.5	547.1	834.1	1117.8	1317.0	1323.8	1273.1	1229.3	1192.1	1171.8	1168.4
67.5°	638.2	445.8	563.9	932.1	1158.4	1151.6	1087.4	1067.1	1019.8	1009.7	989.5
70°	472.8	297.2	391.7	756.5	1003.0	986.1	935.4	911.8	867.9	844.2	830.8
72.5°	391.7	239.8	287.0	587.6	844.2	824.0	780.1	753.1	715.9	695.7	682.2
75°	317.5	253.3	219.5	435.6	685.5	672.1	631.5	604.5	574.1	547.1	550.5
77.5°	233.0	236.4	175.6	320.9	543.7	523.5	499.8	466.0	452.5	425.5	425.5
80°	175.6	185.7	131.7	219.5	391.7	391.7	371.5	347.9	324.2	310.7	310.7
82.5°	118.2	118.2	97.9	138.4	266.8	256.6	243.2	236.4	222.9	216.2	216.2
85°	54.0	67.6	60.7	84.4	145.2	152.0	152.0	145.2	141.9	135.0	138.4
87.5°	16.9	30.4	37.1	47.3	74.3	77.7	81.0	81.0	81.0	84.4	84.4
90°	2.6	4.6	6.6	7.2	11.2	16.7	19.4	17.3	13.0	9.7	9.7
92.5°	10.2	27.6	45.1	49.4	69.4	96.2	109.6	96.0	68.9	48.6	46.7
95°	24.5	56.4	88.3	96.3	170.9	270.5	320.3	285.8	216.8	165.1	159.2
97.5°	42.5	70.6	98.7	105.7	230.2	396.3	479.2	457.4	413.9	381.2	370.0
100°	56.3	81.8	107.3	113.7	251.9	436.1	528.2	529.8	532.9	535.3	522.0
102.5°	68.1	91.8	115.6	121.6	261.7	448.6	542.0	569.7	625.2	666.9	655.4
105°	88.1	108.2	128.3	133.3	269.1	449.9	540.4	602.6	727.1	820.5	814.3
107.5°	108.5	127.3	146.1	150.8	270.4	429.9	509.7	596.5	770.1	900.4	901.8
110°	122.3	139.3	156.3	160.5	268.4	412.2	484.1	581.1	775.2	920.8	927.2



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5
2.5°	3660.8	3650.6	3660.8	3654.0	3657.4	3647.2	3616.8	3606.7	3616.8	3627.0	3627.0
5°	3704.7	3697.9	3704.7	3704.7	3701.3	3694.5	3660.8	3654.0	3660.8	3664.1	3657.4
7.5°	3718.1	3708.1	3718.1	3711.4	3711.4	3704.7	3670.9	3664.1	3667.5	3677.7	3667.5
10°	3718.1	3708.1	3718.1	3714.8	3711.4	3704.7	3670.9	3657.4	3657.4	3667.5	3657.4
12.5°	3701.3	3694.5	3701.3	3694.5	3694.5	3687.8	3654.0	3640.5	3643.8	3647.2	3633.8
15°	3674.2	3664.1	3674.2	3667.5	3670.9	3660.8	3623.6	3610.1	3610.1	3616.8	3593.2
17.5°	3633.8	3620.2	3633.8	3630.4	3627.0	3620.2	3586.5	3572.9	3569.5	3572.9	3556.1
20°	3586.5	3576.4	3586.5	3583.1	3583.1	3569.5	3535.8	3518.9	3518.9	3518.9	3502.1
22.5°	3512.2	3502.1	3512.2	3518.9	3518.9	3515.5	3485.1	3461.5	3454.8	3454.8	3434.5
25°	3427.8	3417.6	3427.8	3427.8	3424.4	3427.8	3417.6	3404.1	3393.9	3383.8	3363.6
27.5°	3346.7	3339.9	3346.7	3339.9	3346.7	3336.5	3333.2	3329.8	3316.3	3306.2	3279.2
30°	3265.6	3258.9	3265.6	3258.9	3252.2	3245.4	3228.5	3221.8	3235.2	3228.5	3184.6
32.5°	3164.3	3157.6	3164.3	3164.3	3157.6	3157.6	3130.6	3120.4	3123.8	3144.1	3103.5
35°	3059.6	3049.5	3059.6	3056.3	3059.6	3049.5	3032.6	3029.2	3015.7	3039.3	3009.0
37.5°	2938.0	2927.9	2938.0	2938.0	2938.0	2944.9	2931.3	2921.2	2900.9	2931.3	2907.7
40°	2813.1	2799.6	2813.1	2809.7	2813.1	2819.9	2813.1	2806.3	2786.1	2809.7	2789.4
42.5°	2671.3	2667.9	2671.3	2674.7	2674.7	2688.1	2698.3	2684.7	2678.0	2661.1	2674.7
45°	2519.3	2512.5	2519.3	2526.1	2529.4	2536.1	2566.6	2566.6	2556.4	2529.4	2549.7
47.5°	2357.2	2340.4	2357.2	2377.5	2377.5	2387.6	2418.0	2441.7	2424.7	2391.0	2401.1
50°	2185.0	2188.4	2185.0	2198.5	2198.5	2235.6	2259.2	2282.9	2299.8	2259.2	2212.0
52.5°	2016.1	2012.8	2016.1	2026.2	2039.8	2056.6	2097.2	2120.8	2147.8	2124.2	2049.9
55°	1847.2	1854.0	1847.2	1850.6	1857.4	1867.5	1928.3	1951.9	2002.6	1972.2	1894.5
57.5°	1678.4	1668.3	1678.4	1685.2	1688.6	1698.6	1749.3	1793.2	1823.6	1827.0	1732.5
60°	1482.6	1469.0	1482.6	1512.9	1519.7	1526.4	1573.7	1614.3	1641.3	1651.4	1553.5
62.5°	1310.3	1286.7	1310.3	1330.6	1344.1	1361.0	1394.7	1455.6	1479.2	1482.6	1344.1
65°	1128.0	1117.8	1128.0	1168.4	1171.8	1192.1	1229.3	1273.1	1323.8	1317.0	1117.8
67.5°	962.5	962.5	962.5	989.5	1009.7	1019.8	1067.1	1087.4	1151.6	1158.4	932.1
70°	810.5	807.1	810.5	830.8	844.2	867.9	911.8	935.4	986.1	1003.0	756.5
72.5°	665.3	661.9	665.3	682.2	695.7	715.9	753.1	780.1	824.0	844.2	587.6
75°	536.9	530.2	536.9	550.5	547.1	574.1	604.5	631.5	672.1	685.5	435.6
77.5°	412.0	412.0	412.0	425.5	425.5	452.5	466.0	499.8	523.5	543.7	320.9
80°	307.3	303.9	307.3	310.7	310.7	324.2	347.9	371.5	391.7	391.7	219.5
82.5°	216.2	209.3	216.2	216.2	216.2	222.9	236.4	243.2	256.6	266.8	138.4
85°	135.0	135.0	135.0	138.4	135.0	141.9	145.2	152.0	152.0	145.2	84.4
87.5°	87.8	84.4	87.8	84.4	84.4	81.0	81.0	81.0	77.7	74.3	47.3
90°	9.7	9.7	9.7	9.7	9.7	13.0	17.3	19.4	16.7	11.2	7.2
92.5°	39.0	31.3	39.0	46.7	48.6	68.9	96.0	109.6	96.2	69.4	49.4
95°	135.8	112.4	135.8	159.2	165.1	216.8	285.8	320.3	270.5	170.9	96.3
97.5°	325.5	280.8	325.5	370.0	381.2	413.9	457.4	479.2	396.3	230.2	105.7
100°	468.9	415.8	468.9	522.0	535.3	532.9	529.8	528.2	436.1	251.9	113.7
102.5°	609.9	564.4	609.9	655.4	666.9	625.2	569.7	542.0	448.6	261.7	121.6
105°	789.9	765.4	789.9	814.3	820.5	727.1	602.6	540.4	449.9	269.1	133.3
107.5°	907.8	913.7	907.8	901.8	900.4	770.1	596.5	509.7	429.9	270.4	150.8
110°	952.7	978.2	952.7	927.2	920.8	775.2	581.1	484.1	412.2	268.4	160.5



TEST NUMBER: P934069

CATALOG NUMBER: SQ4-FA-025U-100D-935-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P934069
 CATALOG NUMBER: SQ4-FA-025U-100D-935-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5
2.5°	3620.2	3600.0	3600.0	3566.2	3552.7	3542.5	3525.7	3475.1	3461.5	3448.0	3468.2
5°	3650.6	3613.5	3586.5	3525.7	3475.1	3454.8	3390.6	3269.0	3187.9	3127.2	3093.4
7.5°	3657.4	3610.1	3559.4	3464.9	3343.3	3289.3	3093.4	2870.6	2809.7	2755.7	2721.9
10°	3650.6	3596.6	3525.7	3383.8	3096.8	3002.2	2806.3	2661.1	2624.0	2613.9	2624.0
12.5°	3627.0	3576.4	3478.4	3242.0	2840.1	2776.0	2661.1	2576.7	2570.0	2586.8	2678.0
15°	3586.5	3539.2	3424.4	3052.9	2698.3	2651.0	2570.0	2539.6	2576.7	2694.9	2968.5
17.5°	3545.9	3491.9	3350.1	2867.2	2590.3	2556.4	2499.0	2559.8	2769.2	2927.9	3019.1
20°	3491.9	3427.8	3265.6	2732.0	2512.5	2482.1	2455.1	2728.7	2887.4	2944.9	2995.5
22.5°	3427.8	3360.2	3150.8	2637.5	2431.5	2407.8	2424.7	2823.3	2887.4	2927.9	2971.9
25°	3343.3	3285.9	3015.7	2563.2	2367.4	2340.4	2404.5	2813.1	2850.3	2860.4	2948.2
27.5°	3265.6	3191.3	2873.9	2495.7	2289.7	2279.5	2421.4	2769.2	2796.3	2806.3	2900.9
30°	3171.1	3059.6	2715.2	2424.7	2208.6	2205.2	2424.7	2715.2	2708.4	2735.4	2830.0
32.5°	3073.2	2863.7	2536.1	2337.0	2130.9	2127.5	2401.1	2634.1	2627.4	2664.5	2735.4
35°	2982.0	2711.8	2293.1	2235.6	2033.0	2036.4	2343.7	2539.6	2543.0	2576.7	2620.6
37.5°	2887.4	2580.1	2026.2	2124.2	1938.5	1938.5	2266.0	2451.8	2445.0	2455.1	2516.0
40°	2776.0	2374.1	1789.9	1978.9	1850.6	1840.5	2171.5	2357.2	2333.5	2330.2	2414.7
42.5°	2657.7	2147.8	1614.3	1786.5	1749.3	1735.8	2056.6	2242.4	2198.5	2208.6	2316.7
45°	2529.4	2087.1	1479.2	1509.6	1644.6	1634.5	1931.7	2110.7	2080.2	2107.3	2218.8
47.5°	2401.1	1965.5	1435.3	1252.9	1533.2	1529.9	1793.2	1982.3	1965.5	1992.5	2110.7
50°	2225.5	1830.4	1431.9	1073.9	1408.3	1421.7	1627.7	1857.4	1857.4	1881.0	2005.9
52.5°	1999.2	1664.9	1300.2	972.6	1263.0	1303.6	1482.6	1749.3	1756.1	1779.7	1891.2
55°	1793.2	1492.7	1205.6	894.9	1090.8	1178.6	1340.7	1637.9	1651.4	1675.0	1776.3
57.5°	1604.1	1242.7	1185.4	803.8	932.1	1016.5	1215.7	1529.9	1536.6	1556.9	1654.8
60°	1401.5	898.3	1087.4	705.8	793.6	857.8	1101.0	1401.5	1425.1	1438.6	1523.0
62.5°	1171.8	651.8	986.1	638.2	726.1	739.6	1006.4	1279.9	1310.3	1320.4	1371.1
65°	834.1	547.1	837.5	580.9	655.2	658.5	905.1	1155.0	1182.0	1198.8	1236.0
67.5°	563.9	445.8	638.2	526.8	601.1	604.5	807.1	1009.7	1046.9	1060.4	1084.1
70°	391.7	297.2	472.8	469.5	540.3	547.1	702.5	878.1	911.8	921.9	935.4
72.5°	287.0	239.8	391.7	422.2	476.2	482.9	594.4	729.5	763.2	773.4	780.1
75°	219.5	253.3	317.5	368.1	405.2	408.6	486.3	594.4	618.0	624.8	628.1
77.5°	175.6	236.4	233.0	297.2	330.9	324.2	381.6	459.3	479.5	479.5	479.5
80°	131.7	185.7	175.6	212.7	243.2	236.4	273.6	327.6	334.3	341.1	337.7
82.5°	97.9	118.2	118.2	135.0	162.1	155.3	182.3	212.7	212.7	212.7	219.5
85°	60.7	67.6	54.0	70.9	91.2	87.8	101.3	114.8	118.2	118.2	111.4
87.5°	37.1	30.4	16.9	27.0	40.6	40.6	47.3	50.7	47.3	47.3	47.3
90°	6.6	4.6	2.6	4.6	6.6	7.2	11.2	16.7	19.4	17.3	13.0
92.5°	45.1	27.6	10.2	27.6	45.1	49.4	69.4	96.2	109.6	96.0	68.9
95°	88.3	56.4	24.5	56.4	88.3	96.3	170.9	270.5	320.3	285.8	216.8
97.5°	98.7	70.6	42.5	70.6	98.7	105.7	230.2	396.3	479.2	457.4	413.9
100°	107.3	81.8	56.3	81.8	107.3	113.7	251.9	436.1	528.2	529.8	532.9
102.5°	115.6	91.8	68.1	91.8	115.6	121.6	261.7	448.6	542.0	569.7	625.2
105°	128.3	108.2	88.1	108.2	128.3	133.3	269.1	449.9	540.4	602.6	727.1
107.5°	146.1	127.3	108.5	127.3	146.1	150.8	270.4	429.9	509.7	596.5	770.1
110°	156.3	139.3	122.3	139.3	156.3	160.5	268.4	412.2	484.1	581.1	775.2



TEST NUMBER: P934069

CATALOG NUMBER: SQ4-FA-025U-100D-935-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P934069
 CATALOG NUMBER: SQ4-FA-025U-100D-935-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5	3569.5
2.5°	3444.6	3434.5	3448.0	3410.8	3448.0	3434.5	3444.6	3468.2	3448.0	3461.5	3475.1
5°	3022.5	3005.6	2951.6	2907.7	2951.6	3005.6	3022.5	3093.4	3127.2	3187.9	3269.0
7.5°	2701.7	2688.1	2674.7	2647.6	2674.7	2688.1	2701.7	2721.9	2755.7	2809.7	2870.6
10°	2630.7	2634.1	2654.4	2651.0	2654.4	2634.1	2630.7	2624.0	2613.9	2624.0	2661.1
12.5°	2813.1	2843.5	2954.9	2948.2	2954.9	2843.5	2813.1	2678.0	2586.8	2570.0	2576.7
15°	3022.5	3032.6	3056.3	3059.6	3056.3	3032.6	3022.5	2968.5	2694.9	2576.7	2539.6
17.5°	3042.7	3046.2	3063.0	3063.0	3063.0	3046.2	3042.7	3019.1	2927.9	2769.2	2559.8
20°	3025.9	3032.6	3066.3	3073.2	3066.3	3032.6	3025.9	2995.5	2944.9	2887.4	2728.7
22.5°	3019.1	3032.6	3059.6	3056.3	3059.6	3032.6	3019.1	2971.9	2927.9	2887.4	2823.3
25°	2985.3	2985.3	2988.7	2992.1	2988.7	2985.3	2985.3	2948.2	2860.4	2850.3	2813.1
27.5°	2914.4	2921.2	2941.4	2938.0	2941.4	2921.2	2914.4	2900.9	2806.3	2796.3	2769.2
30°	2850.3	2843.5	2826.6	2813.1	2826.6	2843.5	2850.3	2830.0	2735.4	2708.4	2715.2
32.5°	2742.2	2725.3	2708.4	2698.3	2708.4	2725.3	2742.2	2735.4	2664.5	2627.4	2634.1
35°	2613.9	2617.3	2613.9	2603.7	2613.9	2617.3	2613.9	2620.6	2576.7	2543.0	2539.6
37.5°	2522.7	2529.4	2526.1	2512.5	2526.1	2529.4	2522.7	2516.0	2455.1	2445.0	2451.8
40°	2428.1	2431.5	2428.1	2418.0	2428.1	2431.5	2428.1	2414.7	2330.2	2333.5	2357.2
42.5°	2337.0	2333.5	2323.4	2316.7	2323.4	2333.5	2337.0	2316.7	2208.6	2198.5	2242.4
45°	2232.2	2235.6	2215.4	2205.2	2215.4	2235.6	2232.2	2218.8	2107.3	2080.2	2110.7
47.5°	2127.5	2127.5	2110.7	2100.5	2110.7	2127.5	2127.5	2110.7	1992.5	1965.5	1982.3
50°	2016.1	2012.8	1989.1	1985.8	1989.1	2012.8	2016.1	2005.9	1881.0	1857.4	1857.4
52.5°	1887.8	1887.8	1891.2	1897.9	1891.2	1887.8	1887.8	1891.2	1779.7	1756.1	1749.3
55°	1776.3	1779.7	1803.3	1810.1	1803.3	1779.7	1776.3	1776.3	1675.0	1651.4	1637.9
57.5°	1661.5	1661.5	1678.4	1678.4	1678.4	1661.5	1661.5	1654.8	1556.9	1536.6	1529.9
60°	1529.9	1536.6	1550.0	1546.7	1550.0	1536.6	1529.9	1523.0	1438.6	1425.1	1401.5
62.5°	1391.3	1398.1	1401.5	1394.7	1401.5	1398.1	1391.3	1371.1	1320.4	1310.3	1279.9
65°	1246.1	1252.9	1256.3	1249.5	1256.3	1252.9	1246.1	1236.0	1198.8	1182.0	1155.0
67.5°	1097.5	1094.1	1090.8	1104.3	1090.8	1094.1	1097.5	1084.1	1060.4	1046.9	1009.7
70°	945.5	945.5	942.2	949.0	942.2	945.5	945.5	935.4	921.9	911.8	878.1
72.5°	783.5	780.1	793.6	783.5	793.6	780.1	783.5	780.1	773.4	763.2	729.5
75°	624.8	631.5	624.8	634.9	624.8	631.5	624.8	628.1	624.8	618.0	594.4
77.5°	476.2	482.9	476.2	476.2	476.2	482.9	476.2	479.5	479.5	479.5	459.3
80°	337.7	334.3	334.3	330.9	334.3	334.3	337.7	337.7	341.1	334.3	327.6
82.5°	216.2	212.7	212.7	219.5	212.7	212.7	216.2	219.5	212.7	212.7	212.7
85°	118.2	121.6	114.8	114.8	114.8	121.6	118.2	111.4	118.2	118.2	114.8
87.5°	43.9	40.6	40.6	40.6	40.6	40.6	43.9	47.3	47.3	47.3	50.7
90°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	13.0	17.3	19.4	16.7
92.5°	48.6	46.7	39.0	31.3	39.0	46.7	48.6	68.9	96.0	109.6	96.2
95°	165.1	159.2	135.8	112.4	135.8	159.2	165.1	216.8	285.8	320.3	270.5
97.5°	381.2	370.0	325.5	280.8	325.5	370.0	381.2	413.9	457.4	479.2	396.3
100°	535.3	522.0	468.9	415.8	468.9	522.0	535.3	532.9	529.8	528.2	436.1
102.5°	666.9	655.4	609.9	564.4	609.9	655.4	666.9	625.2	569.7	542.0	448.6
105°	820.5	814.3	789.9	765.4	789.9	814.3	820.5	727.1	602.6	540.4	449.9
107.5°	900.4	901.8	907.8	913.7	907.8	901.8	900.4	770.1	596.5	509.7	429.9
110°	920.8	927.2	952.7	978.2	952.7	927.2	920.8	775.2	581.1	484.1	412.2



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3569.5	3569.5	3569.5	3569.5	3569.5
2.5°	3525.7	3542.5	3552.7	3566.2	3600.0
5°	3390.6	3454.8	3475.1	3525.7	3586.5
7.5°	3093.4	3289.3	3343.3	3464.9	3559.4
10°	2806.3	3002.2	3096.8	3383.8	3525.7
12.5°	2661.1	2776.0	2840.1	3242.0	3478.4
15°	2570.0	2651.0	2698.3	3052.9	3424.4
17.5°	2499.0	2556.4	2590.3	2867.2	3350.1
20°	2455.1	2482.1	2512.5	2732.0	3265.6
22.5°	2424.7	2407.8	2431.5	2637.5	3150.8
25°	2404.5	2340.4	2367.4	2563.2	3015.7
27.5°	2421.4	2279.5	2289.7	2495.7	2873.9
30°	2424.7	2205.2	2208.6	2424.7	2715.2
32.5°	2401.1	2127.5	2130.9	2337.0	2536.1
35°	2343.7	2036.4	2033.0	2235.6	2293.1
37.5°	2266.0	1938.5	1938.5	2124.2	2026.2
40°	2171.5	1840.5	1850.6	1978.9	1789.9
42.5°	2056.6	1735.8	1749.3	1786.5	1614.3
45°	1931.7	1634.5	1644.6	1509.6	1479.2
47.5°	1793.2	1529.9	1533.2	1252.9	1435.3
50°	1627.7	1421.7	1408.3	1073.9	1431.9
52.5°	1482.6	1303.6	1263.0	972.6	1300.2
55°	1340.7	1178.6	1090.8	894.9	1205.6
57.5°	1215.7	1016.5	932.1	803.8	1185.4
60°	1101.0	857.8	793.6	705.8	1087.4
62.5°	1006.4	739.6	726.1	638.2	986.1
65°	905.1	658.5	655.2	580.9	837.5
67.5°	807.1	604.5	601.1	526.8	638.2
70°	702.5	547.1	540.3	469.5	472.8
72.5°	594.4	482.9	476.2	422.2	391.7
75°	486.3	408.6	405.2	368.1	317.5
77.5°	381.6	324.2	330.9	297.2	233.0
80°	273.6	236.4	243.2	212.7	175.6
82.5°	182.3	155.3	162.1	135.0	118.2
85°	101.3	87.8	91.2	70.9	54.0
87.5°	47.3	40.6	40.6	27.0	16.9
90°	11.2	7.2	6.6	4.6	2.6
92.5°	69.4	49.4	45.1	27.6	10.2
95°	170.9	96.3	88.3	56.4	24.5
97.5°	230.2	105.7	98.7	70.6	42.5
100°	251.9	113.7	107.3	81.8	56.3
102.5°	261.7	121.6	115.6	91.8	68.1
105°	269.1	133.3	128.3	108.2	88.1
107.5°	270.4	150.8	146.1	127.3	108.5
110°	268.4	160.5	156.3	139.3	122.3



TEST NUMBER: P934069

CATALOG NUMBER: SQ4-FA-025U-100D-935-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P934069
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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	15.49	16.69	16.15	17.37	18.16	18.34	19.54	19.00	20.22	21.01
	3H	15.99	17.07	16.67	17.76	18.58	19.72	20.80	20.39	21.48	22.31
	4H	16.20	17.21	16.89	17.91	18.75	20.18	21.20	20.88	21.90	22.73
	6H	16.33	17.27	17.04	17.98	18.83	20.49	21.43	21.20	22.14	22.99
	8H	16.35	17.24	17.06	17.97	18.82	20.58	21.47	21.30	22.20	23.05
	12H	16.33	17.18	17.05	17.90	18.78	20.63	21.48	21.36	22.21	23.09
4H	2H	16.57	17.58	17.27	18.28	19.12	18.79	19.81	19.49	20.51	21.34
	3H	17.63	18.47	18.34	19.21	20.06	20.33	21.18	21.04	21.92	22.77
	4H	17.92	18.68	18.64	19.42	20.31	20.88	21.65	21.61	22.39	23.27
	6H	18.06	18.73	18.81	19.49	20.38	21.27	21.94	22.02	22.70	23.59
	8H	18.07	18.70	18.82	19.46	20.36	21.39	22.01	22.14	22.77	23.67
	12H	18.06	18.62	18.83	19.40	20.31	21.46	22.02	22.23	22.81	23.72
8H	4H	18.40	19.02	19.15	19.78	20.69	21.03	21.65	21.78	22.41	23.32
	6H	18.68	19.19	19.46	19.99	20.90	21.49	22.00	22.27	22.81	23.71
	8H	18.72	19.18	19.51	19.98	20.91	21.64	22.10	22.44	22.91	23.83
	12H	18.72	19.13	19.51	19.92	20.90	21.76	22.17	22.56	22.96	23.94
12H	4H	18.42	18.98	19.19	19.77	20.68	21.01	21.57	21.78	22.35	23.26
	6H	18.74	19.20	19.53	20.00	20.92	21.49	21.95	22.28	22.75	23.67
	8H	18.82	19.23	19.62	20.02	21.00	21.67	22.07	22.46	22.86	23.85