

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: P934112

Luminaire Tested: SQ4-FA-025U-125D-830-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934112
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-830-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

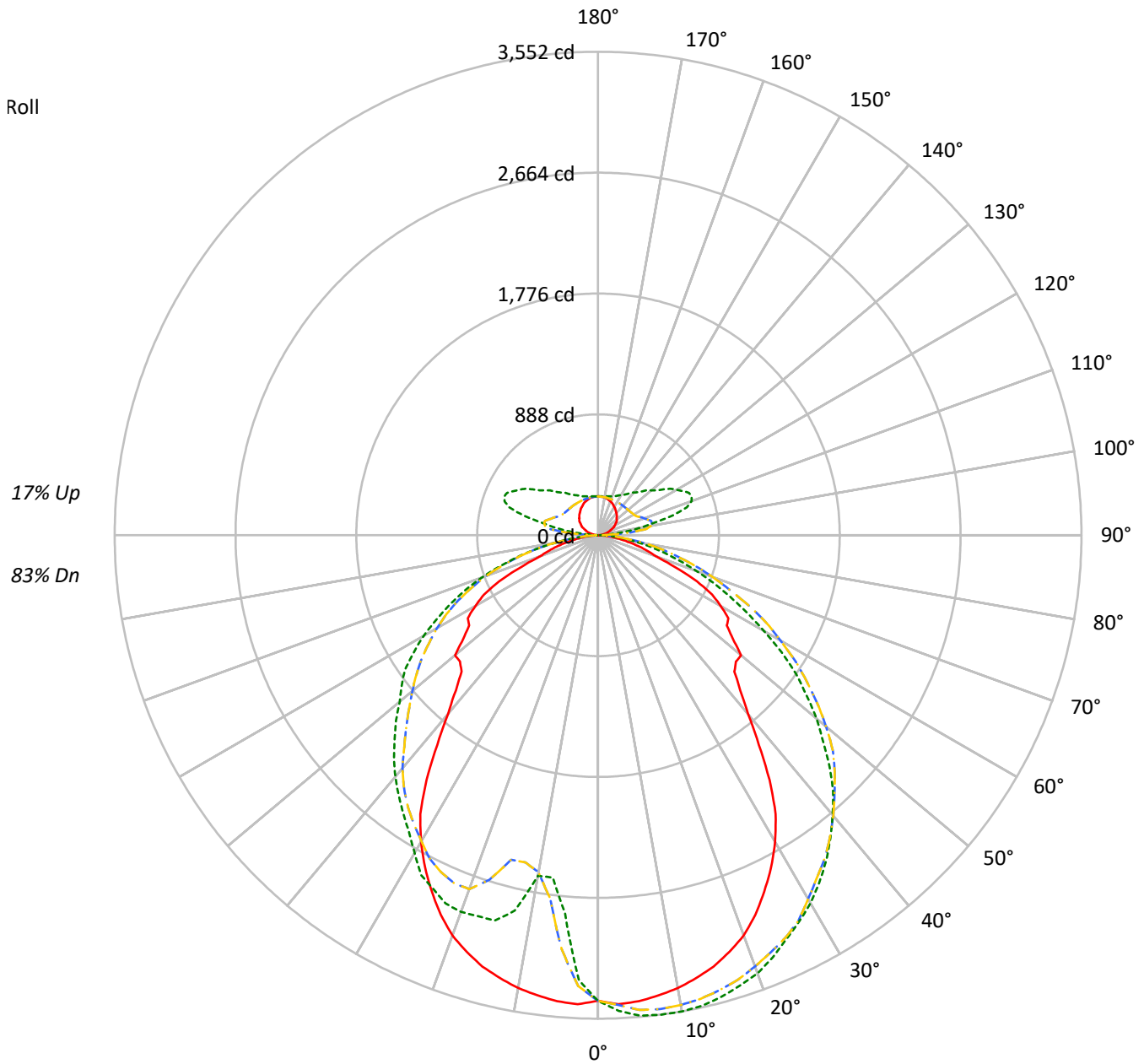
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10717.8 lumens
Efficiency: N/A
Efficacy: 108.0 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 99.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P934112
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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°	15867	15867	15867	15867
5°	15985	16016	15985	12594
10°	15878	15777	15878	11280
15°	15706	15435	15706	12889
20°	15377	15030	15377	12916
25°	14705	14440	14705	12642
30°	13836	13949	13836	12041
35°	12335	13329	12335	11381
40°	10278	12599	10278	10882
45°	9183	11744	9183	10308
50°	9756	10725	9756	9732
55°	9179	9627	9179	9399
60°	9462	8176	9462	8608
65°	8579	6759	8579	7555
70°	5941	5386	5941	6333
75°	5208	3981	5208	4767
80°	4199	2632	4199	2867
85°	2408	1394	2408	1185

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14075 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	308.7	2.9
10°-20°	876.5	8.2
20°-30°	1354.9	12.6
30°-40°	1617.4	15.1
40°-50°	1626.9	15.2
50°-60°	1415.6	13.2
60°-70°	1003.7	9.4
70°-80°	531.0	5.0
80°-90°	133.3	1.2
90°-100°	139.1	1.3
100°-110°	365.7	3.4
110°-120°	379.2	3.5
120°-130°	304.1	2.8
130°-140°	238.6	2.2
140°-150°	183.2	1.7
150°-160°	131.9	1.2
160°-170°	80.7	0.8
170°-180°	27.3	0.3
0°-30°	2540.0	23.7
0°-40°	4157.5	38.8
0°-60°	7200.0	67.2
0°-90°	8868.0	82.7
90°-120°	883.9	8.2
90°-150°	1609.9	15.0
90°-180°	1850.0	17.3
0°-180°	10717.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3420	3420	3420	3420	3420	
5°	3436	3543	3436	2786	3436	326
15°	3281	3510	3281	2931	3281	923
25°	2889	3274	2889	2867	2889	1327
35°	2197	2922	2197	2494	2197	1359
45°	1417	2407	1417	2113	1417	1135
55°	1155	1776	1155	1734	1155	1061
65°	802	1071	802	1197	802	767
75°	304	508	304	608	304	320
85°	52	129	52	110	52	70
90°	2	7	2	7	2	4
95°	18	84	18	84	18	20
105°	66	572	66	572	66	70
115°	117	737	117	737	117	116
125°	163	587	163	587	163	144
135°	194	456	194	456	194	150
145°	225	370	225	370	225	141
155°	254	318	254	318	254	117
165°	274	296	274	296	274	77
175°	285	287	285	287	285	27
180°	285	285	285	285	285	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8
2.5°	3448.9	3448.9	3468.3	3474.8	3474.8	3465.1	3455.4	3465.1	3494.2	3503.9	3500.7
5°	3436.0	3461.9	3497.4	3503.9	3510.3	3507.2	3500.7	3507.2	3539.5	3546.0	3549.2
7.5°	3410.1	3458.6	3503.9	3513.6	3523.3	3513.6	3510.3	3516.8	3549.2	3555.7	3555.7
10°	3377.7	3445.7	3497.4	3503.9	3513.6	3503.9	3503.9	3516.8	3549.2	3555.7	3558.9
12.5°	3332.4	3426.2	3474.8	3481.3	3494.2	3490.9	3487.8	3500.7	3533.0	3539.5	3539.5
15°	3280.7	3390.6	3436.0	3442.5	3465.1	3458.6	3458.6	3471.5	3507.2	3516.8	3513.6
17.5°	3209.5	3345.3	3397.1	3406.8	3423.1	3419.8	3423.1	3436.0	3468.3	3474.8	3478.0
20°	3128.6	3283.9	3345.3	3355.1	3371.2	3371.2	3371.2	3387.4	3419.8	3432.7	3432.7
22.5°	3018.6	3219.2	3283.9	3290.4	3309.8	3309.8	3316.3	3338.9	3368.0	3371.2	3371.2
25°	2889.2	3148.0	3203.0	3222.4	3241.8	3251.5	3261.3	3274.2	3283.9	3280.7	3283.9
27.5°	2753.3	3057.4	3128.6	3141.5	3167.4	3177.2	3190.1	3193.3	3196.6	3206.2	3199.7
30°	2601.3	2931.3	3038.0	3051.0	3093.0	3099.4	3086.5	3093.0	3109.2	3115.7	3122.1
32.5°	2429.8	2743.6	2944.2	2973.4	3012.2	2992.8	2989.5	2999.2	3025.1	3025.1	3031.6
35°	2196.8	2598.0	2856.8	2882.7	2911.8	2889.2	2902.1	2905.4	2921.5	2931.3	2928.0
37.5°	1941.3	2471.8	2766.3	2785.7	2808.3	2779.2	2798.6	2808.3	2821.3	2814.8	2814.8
40°	1714.8	2274.4	2659.5	2672.4	2691.8	2669.2	2688.6	2695.1	2701.6	2695.1	2691.8
42.5°	1546.5	2057.7	2546.2	2562.4	2549.5	2565.6	2572.1	2585.0	2575.4	2562.4	2562.4
45°	1417.1	1999.5	2423.3	2442.7	2423.3	2449.2	2458.9	2458.9	2429.8	2423.3	2420.0
47.5°	1375.0	1882.9	2300.3	2300.3	2290.7	2323.0	2339.1	2316.5	2287.4	2277.7	2277.7
50°	1371.8	1753.6	2132.1	2119.2	2164.5	2203.3	2187.1	2164.5	2141.8	2106.3	2106.3
52.5°	1245.6	1595.0	1915.3	1963.9	2035.0	2057.7	2031.8	2009.1	1970.3	1954.2	1941.3
55°	1155.0	1430.1	1718.0	1815.1	1889.4	1918.6	1870.0	1847.4	1789.2	1779.5	1773.0
57.5°	1135.6	1190.6	1536.8	1659.7	1750.3	1747.1	1718.0	1676.0	1627.4	1617.6	1614.5
60°	1041.8	860.6	1342.7	1488.3	1582.1	1572.4	1546.5	1507.7	1462.4	1455.9	1449.5
62.5°	944.7	624.5	1122.6	1287.6	1420.3	1417.1	1394.4	1336.2	1303.9	1287.6	1274.7
65°	802.4	524.2	799.1	1070.9	1261.8	1268.2	1219.8	1177.7	1142.0	1122.6	1119.5
67.5°	611.5	427.0	540.3	893.0	1109.7	1103.2	1041.8	1022.3	977.1	967.4	948.0
70°	453.0	284.7	375.3	724.7	960.9	944.7	896.2	873.6	831.5	808.9	795.9
72.5°	375.3	229.7	275.0	563.0	808.9	789.5	747.4	721.5	685.9	666.5	653.5
75°	304.1	242.6	210.3	417.4	656.8	643.9	605.1	579.1	550.0	524.2	527.3
77.5°	223.2	226.5	168.3	307.4	520.9	501.5	478.9	446.5	433.5	407.6	407.6
80°	168.3	177.9	126.2	210.3	375.3	375.3	355.9	333.3	310.6	297.7	297.7
82.5°	113.2	113.2	93.8	132.7	255.6	245.9	233.0	226.5	213.6	207.1	207.1
85°	51.7	64.7	58.2	80.9	139.1	145.6	145.6	139.1	135.8	129.4	132.7
87.5°	16.2	29.2	35.6	45.3	71.2	74.4	77.6	77.6	77.6	80.9	80.9
90°	1.9	3.4	5.0	5.4	8.4	12.5	14.5	12.9	9.7	7.3	7.3
92.5°	7.6	20.6	33.7	37.0	52.0	72.0	81.9	71.8	51.6	36.4	35.0
95°	18.4	42.2	66.1	72.0	127.8	202.3	239.6	213.8	162.2	123.5	119.1
97.5°	31.8	52.9	73.8	79.1	172.2	296.4	358.5	342.2	309.6	285.2	276.9
100°	42.2	61.2	80.2	85.0	188.3	326.1	395.0	396.3	398.7	400.5	390.5
102.5°	51.0	68.7	86.5	90.9	195.8	335.6	405.4	426.2	467.7	498.8	490.3
105°	65.9	81.0	96.1	99.8	201.3	336.6	404.3	450.8	544.0	613.8	609.2
107.5°	81.2	95.2	109.3	112.8	202.3	321.6	381.3	446.2	576.1	673.5	674.6
110°	91.6	104.2	116.9	120.1	200.8	308.3	362.1	434.7	579.9	688.8	693.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	101.7	113.8	125.8	128.9	200.9	296.7	344.7	419.0	567.6	679.0	686.4
115°	117.0	128.1	139.3	142.1	202.7	283.5	323.8	395.4	538.6	646.0	656.1
117.5°	132.1	142.3	152.4	155.0	206.5	275.1	309.5	374.1	503.2	600.2	611.5
120°	140.9	150.5	160.0	162.4	209.6	272.4	303.7	362.7	480.8	569.3	580.2
122.5°	149.5	159.2	168.8	171.2	214.0	270.8	299.3	352.5	458.8	538.5	549.3
125°	162.8	171.6	180.3	182.5	219.9	269.7	294.5	339.7	430.0	497.7	507.6
127.5°	173.5	182.3	191.2	193.4	225.8	268.9	290.5	329.3	406.9	465.0	473.4
130°	179.2	188.8	198.3	200.7	230.1	269.4	289.0	323.5	392.5	444.3	452.0
132.5°	185.2	194.7	204.2	206.6	233.6	269.7	287.7	318.5	380.3	426.7	433.6
135°	194.0	202.7	211.4	213.6	237.5	269.4	285.4	311.3	363.0	401.8	407.7
137.5°	203.0	211.6	220.2	222.4	243.2	271.0	285.0	306.9	350.6	383.4	388.2
140°	210.4	218.4	226.3	228.3	246.7	271.3	283.6	302.6	340.3	368.6	373.2
142.5°	216.2	223.5	230.9	232.7	249.7	272.4	283.6	300.3	333.5	358.3	362.2
145°	225.0	231.4	237.8	239.4	253.5	272.4	281.7	295.3	322.5	342.8	345.8
147.5°	233.8	240.1	246.3	247.8	259.1	274.2	281.7	292.4	313.8	329.7	332.2
150°	239.6	245.2	250.8	252.2	262.0	275.1	281.7	290.7	308.8	322.3	324.3
152.5°	245.5	249.7	254.0	255.1	264.0	275.8	281.7	289.4	304.8	316.3	317.9
155°	254.3	257.5	260.6	261.4	268.2	277.2	281.7	287.9	300.1	309.3	310.2
157.5°	260.8	263.9	266.9	267.7	272.4	278.6	281.7	286.5	296.0	303.1	303.8
160°	265.2	267.6	270.0	270.5	274.3	279.2	281.7	285.8	294.0	300.1	300.5
162.5°	269.6	271.4	273.1	273.6	276.3	279.9	281.7	285.2	292.1	297.2	297.6
165°	274.5	276.1	277.7	278.1	279.3	281.0	281.7	284.2	289.1	292.8	293.2
167.5°	278.9	279.6	280.4	280.6	281.6	283.0	283.6	285.3	288.5	290.9	291.1
170°	281.7	282.5	283.3	283.5	283.5	283.6	283.6	285.3	288.5	290.9	290.9
172.5°	283.3	283.5	283.6	283.6	283.6	283.6	283.6	284.9	287.5	289.4	289.2
175°	285.4	285.4	285.4	285.4	284.8	284.0	283.6	284.4	286.0	287.3	287.3
177.5°	285.4	285.4	285.4	285.4	284.9	284.3	284.0	284.7	285.9	286.9	286.7
180°	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8
2.5°	3507.2	3497.4	3507.2	3500.7	3503.9	3494.2	3465.1	3455.4	3465.1	3474.8	3474.8
5°	3549.2	3542.7	3549.2	3549.2	3546.0	3539.5	3507.2	3500.7	3507.2	3510.3	3503.9
7.5°	3562.2	3552.4	3562.2	3555.7	3555.7	3549.2	3516.8	3510.3	3513.6	3523.3	3513.6
10°	3562.2	3552.4	3562.2	3558.9	3555.7	3549.2	3516.8	3503.9	3503.9	3513.6	3503.9
12.5°	3546.0	3539.5	3546.0	3539.5	3539.5	3533.0	3500.7	3487.8	3490.9	3494.2	3481.3
15°	3520.1	3510.3	3520.1	3513.6	3516.8	3507.2	3471.5	3458.6	3458.6	3465.1	3442.5
17.5°	3481.3	3468.3	3481.3	3478.0	3474.8	3468.3	3436.0	3423.1	3419.8	3423.1	3406.8
20°	3436.0	3426.2	3436.0	3432.7	3432.7	3419.8	3387.4	3371.2	3371.2	3371.2	3355.1
22.5°	3364.7	3355.1	3364.7	3371.2	3371.2	3368.0	3338.9	3316.3	3309.8	3309.8	3290.4
25°	3283.9	3274.2	3283.9	3283.9	3280.7	3283.9	3274.2	3261.3	3251.5	3241.8	3222.4
27.5°	3206.2	3199.7	3206.2	3199.7	3206.2	3196.6	3193.3	3190.1	3177.2	3167.4	3141.5
30°	3128.6	3122.1	3128.6	3122.1	3115.7	3109.2	3093.0	3086.5	3099.4	3093.0	3051.0
32.5°	3031.6	3025.1	3031.6	3031.6	3025.1	3025.1	2999.2	2989.5	2992.8	3012.2	2973.4
35°	2931.3	2921.5	2931.3	2928.0	2931.3	2921.5	2905.4	2902.1	2889.2	2911.8	2882.7
37.5°	2814.8	2805.1	2814.8	2814.8	2814.8	2821.3	2808.3	2798.6	2779.2	2808.3	2785.7
40°	2695.1	2682.2	2695.1	2691.8	2695.1	2701.6	2695.1	2688.6	2669.2	2691.8	2672.4
42.5°	2559.2	2556.0	2559.2	2562.4	2562.4	2575.4	2585.0	2572.1	2565.6	2549.5	2562.4
45°	2413.6	2407.1	2413.6	2420.0	2423.3	2429.8	2458.9	2458.9	2449.2	2423.3	2442.7
47.5°	2258.3	2242.1	2258.3	2277.7	2277.7	2287.4	2316.5	2339.1	2323.0	2290.7	2300.3
50°	2093.3	2096.5	2093.3	2106.3	2106.3	2141.8	2164.5	2187.1	2203.3	2164.5	2119.2
52.5°	1931.5	1928.3	1931.5	1941.3	1954.2	1970.3	2009.1	2031.8	2057.7	2035.0	1963.9
55°	1769.7	1776.2	1769.7	1773.0	1779.5	1789.2	1847.4	1870.0	1918.6	1889.4	1815.1
57.5°	1608.0	1598.2	1608.0	1614.5	1617.6	1627.4	1676.0	1718.0	1747.1	1750.3	1659.7
60°	1420.3	1407.4	1420.3	1449.5	1455.9	1462.4	1507.7	1546.5	1572.4	1582.1	1488.3
62.5°	1255.3	1232.7	1255.3	1274.7	1287.6	1303.9	1336.2	1394.4	1417.1	1420.3	1287.6
65°	1080.6	1070.9	1080.6	1119.5	1122.6	1142.0	1177.7	1219.8	1268.2	1261.8	1070.9
67.5°	922.1	922.1	922.1	948.0	967.4	977.1	1022.3	1041.8	1103.2	1109.7	893.0
70°	776.5	773.2	776.5	795.9	808.9	831.5	873.6	896.2	944.7	960.9	724.7
72.5°	637.4	634.1	637.4	653.5	666.5	685.9	721.5	747.4	789.5	808.9	563.0
75°	514.4	507.9	514.4	527.3	524.2	550.0	579.1	605.1	643.9	656.8	417.4
77.5°	394.7	394.7	394.7	407.6	407.6	433.5	446.5	478.9	501.5	520.9	307.4
80°	294.4	291.2	294.4	297.7	297.7	310.6	333.3	355.9	375.3	375.3	210.3
82.5°	207.1	200.6	207.1	207.1	207.1	213.6	226.5	233.0	245.9	255.6	132.7
85°	129.4	129.4	129.4	132.7	129.4	135.8	139.1	145.6	145.6	139.1	80.9
87.5°	84.1	80.9	84.1	80.9	80.9	77.6	77.6	77.6	74.4	71.2	45.3
90°	7.3	7.3	7.3	7.3	7.3	9.7	12.9	14.5	12.5	8.4	5.4
92.5°	29.2	23.3	29.2	35.0	36.4	51.6	71.8	81.9	72.0	52.0	37.0
95°	101.6	84.0	101.6	119.1	123.5	162.2	213.8	239.6	202.3	127.8	72.0
97.5°	243.4	210.0	243.4	276.9	285.2	309.6	342.2	358.5	296.4	172.2	79.1
100°	350.8	311.0	350.8	390.5	400.5	398.7	396.3	395.0	326.1	188.3	85.0
102.5°	456.3	422.3	456.3	490.3	498.8	467.7	426.2	405.4	335.6	195.8	90.9
105°	590.9	572.5	590.9	609.2	613.8	544.0	450.8	404.3	336.6	201.3	99.8
107.5°	679.0	683.4	679.0	674.6	673.5	576.1	446.2	381.3	321.6	202.3	112.8
110°	712.6	731.7	712.6	693.6	688.8	579.9	434.7	362.1	308.3	200.8	120.1



TEST NUMBER: P934112

CATALOG NUMBER: SQ4-FA-025U-125D-830-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	715.7	744.9	715.7	686.4	679.0	567.6	419.0	344.7	296.7	200.9	128.9
115°	696.7	737.3	696.7	656.1	646.0	538.6	395.4	323.8	283.5	202.7	142.1
117.5°	656.5	701.5	656.5	611.5	600.2	503.2	374.1	309.5	275.1	206.5	155.0
120°	624.0	667.8	624.0	580.2	569.3	480.8	362.7	303.7	272.4	209.6	162.4
122.5°	592.4	635.5	592.4	549.3	538.5	458.8	352.5	299.3	270.8	214.0	171.2
125°	547.4	587.2	547.4	507.6	497.7	430.0	339.7	294.5	269.7	219.9	182.5
127.5°	506.9	540.4	506.9	473.4	465.0	406.9	329.3	290.5	268.9	225.8	193.4
130°	483.0	513.9	483.0	452.0	444.3	392.5	323.5	289.0	269.4	230.1	200.7
132.5°	461.4	489.1	461.4	433.6	426.7	380.3	318.5	287.7	269.7	233.6	206.6
135°	431.6	455.5	431.6	407.7	401.8	363.0	311.3	285.4	269.4	237.5	213.6
137.5°	407.8	427.4	407.8	388.2	383.4	350.6	306.9	285.0	271.0	243.2	222.4
140°	391.5	409.8	391.5	373.2	368.6	340.3	302.6	283.6	271.3	246.7	228.3
142.5°	378.0	393.7	378.0	362.2	358.3	333.5	300.3	283.6	272.4	249.7	232.7
145°	357.7	369.6	357.7	345.8	342.8	322.5	295.3	281.7	272.4	253.5	239.4
147.5°	342.1	352.0	342.1	332.2	329.7	313.8	292.4	281.7	274.2	259.1	247.8
150°	332.3	340.3	332.3	324.3	322.3	308.8	290.7	281.7	275.1	262.0	252.2
152.5°	323.9	329.9	323.9	317.9	316.3	304.8	289.4	281.7	275.8	264.0	255.1
155°	314.2	318.3	314.2	310.2	309.3	300.1	287.9	281.7	277.2	268.2	261.4
157.5°	306.7	309.5	306.7	303.8	303.1	296.0	286.5	281.7	278.6	272.4	267.7
160°	302.1	303.7	302.1	300.5	300.1	294.0	285.8	281.7	279.2	274.3	270.5
162.5°	299.1	300.7	299.1	297.6	297.2	292.1	285.2	281.7	279.9	276.3	273.6
165°	294.8	296.5	294.8	293.2	292.8	289.1	284.2	281.7	281.0	279.3	278.1
167.5°	291.8	292.4	291.8	291.1	290.9	288.5	285.3	283.6	283.0	281.6	280.6
170°	290.9	290.9	290.9	290.9	290.9	288.5	285.3	283.6	283.6	283.5	283.5
172.5°	288.6	288.0	288.6	289.2	289.4	287.5	284.9	283.6	283.6	283.6	283.6
175°	287.3	287.3	287.3	287.3	287.3	286.0	284.4	283.6	284.0	284.8	285.4
177.5°	286.0	285.4	286.0	286.7	286.9	285.9	284.7	284.0	284.3	284.9	285.4
180°	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4



TEST NUMBER: P934112

CATALOG NUMBER: SQ4-FA-025U-125D-830-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8
2.5°	3468.3	3448.9	3448.9	3416.6	3403.6	3393.9	3377.7	3329.2	3316.3	3303.3	3322.8
5°	3497.4	3461.9	3436.0	3377.7	3329.2	3309.8	3248.3	3131.9	3054.2	2995.9	2963.6
7.5°	3503.9	3458.6	3410.1	3319.5	3203.0	3151.3	2963.6	2750.0	2691.8	2640.1	2607.7
10°	3497.4	3445.7	3377.7	3241.8	2966.9	2876.2	2688.6	2549.5	2513.9	2504.1	2513.9
12.5°	3474.8	3426.2	3332.4	3105.9	2721.0	2659.5	2549.5	2468.6	2462.1	2478.3	2565.6
15°	3436.0	3390.6	3280.7	2924.8	2585.0	2539.8	2462.1	2433.0	2468.6	2581.9	2843.9
17.5°	3397.1	3345.3	3209.5	2746.9	2481.5	2449.2	2394.2	2452.4	2653.0	2805.1	2892.4
20°	3345.3	3283.9	3128.6	2617.4	2407.1	2378.0	2352.1	2614.2	2766.3	2821.3	2869.8
22.5°	3283.9	3219.2	3018.6	2526.8	2329.5	2306.8	2323.0	2704.8	2766.3	2805.1	2847.2
25°	3203.0	3148.0	2889.2	2455.7	2268.0	2242.1	2303.6	2695.1	2730.6	2740.4	2824.5
27.5°	3128.6	3057.4	2753.3	2391.0	2193.5	2183.9	2319.7	2653.0	2678.9	2688.6	2779.2
30°	3038.0	2931.3	2601.3	2323.0	2115.9	2112.7	2323.0	2601.3	2594.8	2620.7	2711.2
32.5°	2944.2	2743.6	2429.8	2238.9	2041.5	2038.3	2300.3	2523.6	2517.1	2552.7	2620.7
35°	2856.8	2598.0	2196.8	2141.8	1947.7	1950.9	2245.4	2433.0	2436.3	2468.6	2510.6
37.5°	2766.3	2471.8	1941.3	2035.0	1857.1	1857.1	2170.9	2348.9	2342.4	2352.1	2410.4
40°	2659.5	2274.4	1714.8	1895.9	1773.0	1763.2	2080.4	2258.3	2235.6	2232.5	2313.3
42.5°	2546.2	2057.7	1546.5	1711.5	1676.0	1663.0	1970.3	2148.3	2106.3	2115.9	2219.4
45°	2423.3	1999.5	1417.1	1446.2	1575.6	1565.9	1850.6	2022.1	1993.0	2018.9	2125.7
47.5°	2300.3	1882.9	1375.0	1200.4	1468.9	1465.6	1718.0	1899.2	1882.9	1908.8	2022.1
50°	2132.1	1753.6	1371.8	1028.8	1349.1	1362.1	1559.4	1779.5	1779.5	1802.1	1921.8
52.5°	1915.3	1595.0	1245.6	931.8	1210.0	1248.8	1420.3	1676.0	1682.4	1705.0	1811.8
55°	1718.0	1430.1	1155.0	857.3	1045.0	1129.1	1284.5	1569.2	1582.1	1604.7	1701.8
57.5°	1536.8	1190.6	1135.6	770.1	893.0	973.9	1164.7	1465.6	1472.0	1491.6	1585.3
60°	1342.7	860.6	1041.8	676.2	760.3	821.8	1054.8	1342.7	1365.4	1378.3	1459.1
62.5°	1122.6	624.5	944.7	611.5	695.6	708.6	964.1	1226.2	1255.3	1265.1	1313.5
65°	799.1	524.2	802.4	556.5	627.6	630.9	867.1	1106.5	1132.4	1148.5	1184.1
67.5°	540.3	427.0	611.5	504.7	575.9	579.1	773.2	967.4	1002.9	1015.9	1038.6
70°	375.3	284.7	453.0	449.7	517.7	524.2	672.9	841.2	873.6	883.2	896.2
72.5°	275.0	229.7	375.3	404.4	456.2	462.7	569.4	698.8	731.1	740.9	747.4
75°	210.3	242.6	304.1	352.7	388.2	391.5	465.9	569.4	592.1	598.6	601.8
77.5°	168.3	226.5	223.2	284.7	317.1	310.6	365.6	440.0	459.5	459.5	459.5
80°	126.2	177.9	168.3	203.8	233.0	226.5	262.0	313.9	320.3	326.8	323.5
82.5°	93.8	113.2	113.2	129.4	155.3	148.8	174.8	203.8	203.8	203.8	210.3
85°	58.2	64.7	51.7	68.0	87.4	84.1	97.0	110.0	113.2	113.2	106.8
87.5°	35.6	29.2	16.2	25.9	38.8	38.8	45.3	48.6	45.3	45.3	45.3
90°	5.0	3.4	1.9	3.4	5.0	5.4	8.4	12.5	14.5	12.9	9.7
92.5°	33.7	20.6	7.6	20.6	33.7	37.0	52.0	72.0	81.9	71.8	51.6
95°	66.1	42.2	18.4	42.2	66.1	72.0	127.8	202.3	239.6	213.8	162.2
97.5°	73.8	52.9	31.8	52.9	73.8	79.1	172.2	296.4	358.5	342.2	309.6
100°	80.2	61.2	42.2	61.2	80.2	85.0	188.3	326.1	395.0	396.3	398.7
102.5°	86.5	68.7	51.0	68.7	86.5	90.9	195.8	335.6	405.4	426.2	467.7
105°	96.1	81.0	65.9	81.0	96.1	99.8	201.3	336.6	404.3	450.8	544.0
107.5°	109.3	95.2	81.2	95.2	109.3	112.8	202.3	321.6	381.3	446.2	576.1
110°	116.9	104.2	91.6	104.2	116.9	120.1	200.8	308.3	362.1	434.7	579.9



TEST NUMBER: P934112

CATALOG NUMBER: SQ4-FA-025U-125D-830-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	125.8	113.8	101.7	113.8	125.8	128.9	200.9	296.7	344.7	419.0	567.6
115°	139.3	128.1	117.0	128.1	139.3	142.1	202.7	283.5	323.8	395.4	538.6
117.5°	152.4	142.3	132.1	142.3	152.4	155.0	206.5	275.1	309.5	374.1	503.2
120°	160.0	150.5	140.9	150.5	160.0	162.4	209.6	272.4	303.7	362.7	480.8
122.5°	168.8	159.2	149.5	159.2	168.8	171.2	214.0	270.8	299.3	352.5	458.8
125°	180.3	171.6	162.8	171.6	180.3	182.5	219.9	269.7	294.5	339.7	430.0
127.5°	191.2	182.3	173.5	182.3	191.2	193.4	225.8	268.9	290.5	329.3	406.9
130°	198.3	188.8	179.2	188.8	198.3	200.7	230.1	269.4	289.0	323.5	392.5
132.5°	204.2	194.7	185.2	194.7	204.2	206.6	233.6	269.7	287.7	318.5	380.3
135°	211.4	202.7	194.0	202.7	211.4	213.6	237.5	269.4	285.4	311.3	363.0
137.5°	220.2	211.6	203.0	211.6	220.2	222.4	243.2	271.0	285.0	306.9	350.6
140°	226.3	218.4	210.4	218.4	226.3	228.3	246.7	271.3	283.6	302.6	340.3
142.5°	230.9	223.5	216.2	223.5	230.9	232.7	249.7	272.4	283.6	300.3	333.5
145°	237.8	231.4	225.0	231.4	237.8	239.4	253.5	272.4	281.7	295.3	322.5
147.5°	246.3	240.1	233.8	240.1	246.3	247.8	259.1	274.2	281.7	292.4	313.8
150°	250.8	245.2	239.6	245.2	250.8	252.2	262.0	275.1	281.7	290.7	308.8
152.5°	254.0	249.7	245.5	249.7	254.0	255.1	264.0	275.8	281.7	289.4	304.8
155°	260.6	257.5	254.3	257.5	260.6	261.4	268.2	277.2	281.7	287.9	300.1
157.5°	266.9	263.9	260.8	263.9	266.9	267.7	272.4	278.6	281.7	286.5	296.0
160°	270.0	267.6	265.2	267.6	270.0	270.5	274.3	279.2	281.7	285.8	294.0
162.5°	273.1	271.4	269.6	271.4	273.1	273.6	276.3	279.9	281.7	285.2	292.1
165°	277.7	276.1	274.5	276.1	277.7	278.1	279.3	281.0	281.7	284.2	289.1
167.5°	280.4	279.6	278.9	279.6	280.4	280.6	281.6	283.0	283.6	285.3	288.5
170°	283.3	282.5	281.7	282.5	283.3	283.5	283.5	283.6	283.6	285.3	288.5
172.5°	283.6	283.5	283.3	283.5	283.6	283.6	283.6	283.6	283.6	284.9	287.5
175°	285.4	285.4	285.4	285.4	285.4	285.4	284.8	284.0	283.6	284.4	286.0
177.5°	285.4	285.4	285.4	285.4	285.4	285.4	284.9	284.3	284.0	284.7	285.9
180°	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4



TEST NUMBER: P934112
 CATALOG NUMBER: SQ4-FA-025U-125D-830-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8	3419.8
2.5°	3300.1	3290.4	3303.3	3267.7	3303.3	3290.4	3300.1	3322.8	3303.3	3316.3	3329.2
5°	2895.6	2879.5	2827.8	2785.7	2827.8	2879.5	2895.6	2963.6	2995.9	3054.2	3131.9
7.5°	2588.3	2575.4	2562.4	2536.6	2562.4	2575.4	2588.3	2607.7	2640.1	2691.8	2750.0
10°	2520.4	2523.6	2543.0	2539.8	2543.0	2523.6	2520.4	2513.9	2504.1	2513.9	2549.5
12.5°	2695.1	2724.2	2830.9	2824.5	2830.9	2724.2	2695.1	2565.6	2478.3	2462.1	2468.6
15°	2895.6	2905.4	2928.0	2931.3	2928.0	2905.4	2895.6	2843.9	2581.9	2468.6	2433.0
17.5°	2915.0	2918.3	2934.4	2934.4	2934.4	2918.3	2915.0	2892.4	2805.1	2653.0	2452.4
20°	2898.9	2905.4	2937.7	2944.2	2937.7	2905.4	2898.9	2869.8	2821.3	2766.3	2614.2
22.5°	2892.4	2905.4	2931.3	2928.0	2931.3	2905.4	2892.4	2847.2	2805.1	2766.3	2704.8
25°	2860.1	2860.1	2863.3	2866.6	2863.3	2860.1	2860.1	2824.5	2740.4	2730.6	2695.1
27.5°	2792.1	2798.6	2818.0	2814.8	2818.0	2798.6	2792.1	2779.2	2688.6	2678.9	2653.0
30°	2730.6	2724.2	2708.0	2695.1	2708.0	2724.2	2730.6	2711.2	2620.7	2594.8	2601.3
32.5°	2627.1	2610.9	2594.8	2585.0	2594.8	2610.9	2627.1	2620.7	2552.7	2517.1	2523.6
35°	2504.1	2507.4	2504.1	2494.5	2504.1	2507.4	2504.1	2510.6	2468.6	2436.3	2433.0
37.5°	2416.9	2423.3	2420.0	2407.1	2420.0	2423.3	2416.9	2410.4	2352.1	2342.4	2348.9
40°	2326.2	2329.5	2326.2	2316.5	2326.2	2329.5	2326.2	2313.3	2232.5	2235.6	2258.3
42.5°	2238.9	2235.6	2226.0	2219.4	2226.0	2235.6	2238.9	2219.4	2115.9	2106.3	2148.3
45°	2138.6	2141.8	2122.4	2112.7	2122.4	2141.8	2138.6	2125.7	2018.9	1993.0	2022.1
47.5°	2038.3	2038.3	2022.1	2012.4	2022.1	2038.3	2038.3	2022.1	1908.8	1882.9	1899.2
50°	1931.5	1928.3	1905.6	1902.4	1905.6	1928.3	1931.5	1921.8	1802.1	1779.5	1779.5
52.5°	1808.6	1808.6	1811.8	1818.3	1811.8	1808.6	1808.6	1811.8	1705.0	1682.4	1676.0
55°	1701.8	1705.0	1727.7	1734.2	1727.7	1705.0	1701.8	1701.8	1604.7	1582.1	1569.2
57.5°	1591.8	1591.8	1608.0	1608.0	1608.0	1591.8	1591.8	1585.3	1491.6	1472.0	1465.6
60°	1465.6	1472.0	1485.1	1481.8	1485.1	1472.0	1465.6	1459.1	1378.3	1365.4	1342.7
62.5°	1333.0	1339.5	1342.7	1336.2	1342.7	1339.5	1333.0	1313.5	1265.1	1255.3	1226.2
65°	1193.9	1200.4	1203.6	1197.1	1203.6	1200.4	1193.9	1184.1	1148.5	1132.4	1106.5
67.5°	1051.5	1048.3	1045.0	1058.0	1045.0	1048.3	1051.5	1038.6	1015.9	1002.9	967.4
70°	905.9	905.9	902.7	909.2	902.7	905.9	905.9	896.2	883.2	873.6	841.2
72.5°	750.7	747.4	760.3	750.7	760.3	747.4	750.7	747.4	740.9	731.1	698.8
75°	598.6	605.1	598.6	608.2	598.6	605.1	598.6	601.8	598.6	592.1	569.4
77.5°	456.2	462.7	456.2	456.2	456.2	462.7	456.2	459.5	459.5	459.5	440.0
80°	323.5	320.3	320.3	317.1	320.3	320.3	323.5	323.5	326.8	320.3	313.9
82.5°	207.1	203.8	203.8	210.3	203.8	203.8	207.1	210.3	203.8	203.8	203.8
85°	113.2	116.4	110.0	110.0	110.0	116.4	113.2	106.8	113.2	113.2	110.0
87.5°	42.1	38.8	38.8	38.8	38.8	38.8	42.1	45.3	45.3	45.3	48.6
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	9.7	12.9	14.5	12.5
92.5°	36.4	35.0	29.2	23.3	29.2	35.0	36.4	51.6	71.8	81.9	72.0
95°	123.5	119.1	101.6	84.0	101.6	119.1	123.5	162.2	213.8	239.6	202.3
97.5°	285.2	276.9	243.4	210.0	243.4	276.9	285.2	309.6	342.2	358.5	296.4
100°	400.5	390.5	350.8	311.0	350.8	390.5	400.5	398.7	396.3	395.0	326.1
102.5°	498.8	490.3	456.3	422.3	456.3	490.3	498.8	467.7	426.2	405.4	335.6
105°	613.8	609.2	590.9	572.5	590.9	609.2	613.8	544.0	450.8	404.3	336.6
107.5°	673.5	674.6	679.0	683.4	679.0	674.6	673.5	576.1	446.2	381.3	321.6
110°	688.8	693.6	712.6	731.7	712.6	693.6	688.8	579.9	434.7	362.1	308.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	679.0	686.4	715.7	744.9	715.7	686.4	679.0	567.6	419.0	344.7	296.7
115°	646.0	656.1	696.7	737.3	696.7	656.1	646.0	538.6	395.4	323.8	283.5
117.5°	600.2	611.5	656.5	701.5	656.5	611.5	600.2	503.2	374.1	309.5	275.1
120°	569.3	580.2	624.0	667.8	624.0	580.2	569.3	480.8	362.7	303.7	272.4
122.5°	538.5	549.3	592.4	635.5	592.4	549.3	538.5	458.8	352.5	299.3	270.8
125°	497.7	507.6	547.4	587.2	547.4	507.6	497.7	430.0	339.7	294.5	269.7
127.5°	465.0	473.4	506.9	540.4	506.9	473.4	465.0	406.9	329.3	290.5	268.9
130°	444.3	452.0	483.0	513.9	483.0	452.0	444.3	392.5	323.5	289.0	269.4
132.5°	426.7	433.6	461.4	489.1	461.4	433.6	426.7	380.3	318.5	287.7	269.7
135°	401.8	407.7	431.6	455.5	431.6	407.7	401.8	363.0	311.3	285.4	269.4
137.5°	383.4	388.2	407.8	427.4	407.8	388.2	383.4	350.6	306.9	285.0	271.0
140°	368.6	373.2	391.5	409.8	391.5	373.2	368.6	340.3	302.6	283.6	271.3
142.5°	358.3	362.2	378.0	393.7	378.0	362.2	358.3	333.5	300.3	283.6	272.4
145°	342.8	345.8	357.7	369.6	357.7	345.8	342.8	322.5	295.3	281.7	272.4
147.5°	329.7	332.2	342.1	352.0	342.1	332.2	329.7	313.8	292.4	281.7	274.2
150°	322.3	324.3	332.3	340.3	332.3	324.3	322.3	308.8	290.7	281.7	275.1
152.5°	316.3	317.9	323.9	329.9	323.9	317.9	316.3	304.8	289.4	281.7	275.8
155°	309.3	310.2	314.2	318.3	314.2	310.2	309.3	300.1	287.9	281.7	277.2
157.5°	303.1	303.8	306.7	309.5	306.7	303.8	303.1	296.0	286.5	281.7	278.6
160°	300.1	300.5	302.1	303.7	302.1	300.5	300.1	294.0	285.8	281.7	279.2
162.5°	297.2	297.6	299.1	300.7	299.1	297.6	297.2	292.1	285.2	281.7	279.9
165°	292.8	293.2	294.8	296.5	294.8	293.2	292.8	289.1	284.2	281.7	281.0
167.5°	290.9	291.1	291.8	292.4	291.8	291.1	290.9	288.5	285.3	283.6	283.0
170°	290.9	290.9	290.9	290.9	290.9	290.9	290.9	288.5	285.3	283.6	283.6
172.5°	289.4	289.2	288.6	288.0	288.6	289.2	289.4	287.5	284.9	283.6	283.6
175°	287.3	287.3	287.3	287.3	287.3	287.3	287.3	286.0	284.4	283.6	284.0
177.5°	286.9	286.7	286.0	285.4	286.0	286.7	286.9	285.9	284.7	284.0	284.3
180°	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4	285.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3419.8	3419.8	3419.8	3419.8	3419.8
2.5°	3377.7	3393.9	3403.6	3416.6	3448.9
5°	3248.3	3309.8	3329.2	3377.7	3436.0
7.5°	2963.6	3151.3	3203.0	3319.5	3410.1
10°	2688.6	2876.2	2966.9	3241.8	3377.7
12.5°	2549.5	2659.5	2721.0	3105.9	3332.4
15°	2462.1	2539.8	2585.0	2924.8	3280.7
17.5°	2394.2	2449.2	2481.5	2746.9	3209.5
20°	2352.1	2378.0	2407.1	2617.4	3128.6
22.5°	2323.0	2306.8	2329.5	2526.8	3018.6
25°	2303.6	2242.1	2268.0	2455.7	2889.2
27.5°	2319.7	2183.9	2193.5	2391.0	2753.3
30°	2323.0	2112.7	2115.9	2323.0	2601.3
32.5°	2300.3	2038.3	2041.5	2238.9	2429.8
35°	2245.4	1950.9	1947.7	2141.8	2196.8
37.5°	2170.9	1857.1	1857.1	2035.0	1941.3
40°	2080.4	1763.2	1773.0	1895.9	1714.8
42.5°	1970.3	1663.0	1676.0	1711.5	1546.5
45°	1850.6	1565.9	1575.6	1446.2	1417.1
47.5°	1718.0	1465.6	1468.9	1200.4	1375.0
50°	1559.4	1362.1	1349.1	1028.8	1371.8
52.5°	1420.3	1248.8	1210.0	931.8	1245.6
55°	1284.5	1129.1	1045.0	857.3	1155.0
57.5°	1164.7	973.9	893.0	770.1	1135.6
60°	1054.8	821.8	760.3	676.2	1041.8
62.5°	964.1	708.6	695.6	611.5	944.7
65°	867.1	630.9	627.6	556.5	802.4
67.5°	773.2	579.1	575.9	504.7	611.5
70°	672.9	524.2	517.7	449.7	453.0
72.5°	569.4	462.7	456.2	404.4	375.3
75°	465.9	391.5	388.2	352.7	304.1
77.5°	365.6	310.6	317.1	284.7	223.2
80°	262.0	226.5	233.0	203.8	168.3
82.5°	174.8	148.8	155.3	129.4	113.2
85°	97.0	84.1	87.4	68.0	51.7
87.5°	45.3	38.8	38.8	25.9	16.2
90°	8.4	5.4	5.0	3.4	1.9
92.5°	52.0	37.0	33.7	20.6	7.6
95°	127.8	72.0	66.1	42.2	18.4
97.5°	172.2	79.1	73.8	52.9	31.8
100°	188.3	85.0	80.2	61.2	42.2
102.5°	195.8	90.9	86.5	68.7	51.0
105°	201.3	99.8	96.1	81.0	65.9
107.5°	202.3	112.8	109.3	95.2	81.2
110°	200.8	120.1	116.9	104.2	91.6



TEST NUMBER: P934112

CATALOG NUMBER: SQ4-FA-025U-125D-830-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	200.9	128.9	125.8	113.8	101.7
115°	202.7	142.1	139.3	128.1	117.0
117.5°	206.5	155.0	152.4	142.3	132.1
120°	209.6	162.4	160.0	150.5	140.9
122.5°	214.0	171.2	168.8	159.2	149.5
125°	219.9	182.5	180.3	171.6	162.8
127.5°	225.8	193.4	191.2	182.3	173.5
130°	230.1	200.7	198.3	188.8	179.2
132.5°	233.6	206.6	204.2	194.7	185.2
135°	237.5	213.6	211.4	202.7	194.0
137.5°	243.2	222.4	220.2	211.6	203.0
140°	246.7	228.3	226.3	218.4	210.4
142.5°	249.7	232.7	230.9	223.5	216.2
145°	253.5	239.4	237.8	231.4	225.0
147.5°	259.1	247.8	246.3	240.1	233.8
150°	262.0	252.2	250.8	245.2	239.6
152.5°	264.0	255.1	254.0	249.7	245.5
155°	268.2	261.4	260.6	257.5	254.3
157.5°	272.4	267.7	266.9	263.9	260.8
160°	274.3	270.5	270.0	267.6	265.2
162.5°	276.3	273.6	273.1	271.4	269.6
165°	279.3	278.1	277.7	276.1	274.5
167.5°	281.6	280.6	280.4	279.6	278.9
170°	283.5	283.5	283.3	282.5	281.7
172.5°	283.6	283.6	283.6	283.5	283.3
175°	284.8	285.4	285.4	285.4	285.4
177.5°	284.9	285.4	285.4	285.4	285.4
180°	285.4	285.4	285.4	285.4	285.4



TEST NUMBER: P934112
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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	17.02	18.28	17.64	18.91	19.62	19.86	21.12	20.47	21.74	22.46
	3H	17.53	18.66	18.16	19.30	20.04	21.24	22.37	21.86	23.00	23.75
	4H	17.74	18.80	18.39	19.45	20.21	21.70	22.77	22.35	23.42	24.18
	6H	17.88	18.86	18.54	19.52	20.30	22.01	22.99	22.67	23.65	24.43
	8H	17.89	18.83	18.56	19.51	20.29	22.09	23.03	22.77	23.71	24.49
	12H	17.87	18.77	18.55	19.44	20.25	22.15	23.04	22.83	23.72	24.52
4H	2H	18.10	19.17	18.75	19.82	20.58	20.32	21.38	20.97	22.03	22.79
	3H	19.17	20.06	19.83	20.74	21.52	21.86	22.75	22.52	23.44	24.22
	4H	19.46	20.27	20.14	20.96	21.77	22.41	23.21	23.09	23.90	24.71
	6H	19.61	20.31	20.31	21.02	21.84	22.80	23.50	23.50	24.21	25.03
	8H	19.62	20.28	20.33	20.99	21.82	22.91	23.57	23.62	24.28	25.11
	12H	19.61	20.20	20.33	20.93	21.77	22.99	23.58	23.72	24.32	25.15
8H	4H	19.95	20.60	20.65	21.31	22.15	22.56	23.22	23.27	23.93	24.76
	6H	20.22	20.77	20.96	21.52	22.36	23.02	23.56	23.75	24.32	25.15
	8H	20.27	20.75	21.02	21.51	22.36	23.17	23.66	23.92	24.42	25.27
	12H	20.27	20.70	21.02	21.45	22.36	23.29	23.72	24.04	24.47	25.38
12H	4H	19.97	20.56	20.70	21.30	22.14	22.54	23.13	23.27	23.87	24.71
	6H	20.29	20.77	21.04	21.53	22.38	23.02	23.50	23.77	24.26	25.11
	8H	20.37	20.80	21.12	21.55	22.46	23.20	23.62	23.95	24.37	25.29