

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: P934116

Luminaire Tested: SQ4-FA-025U-125D-835-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

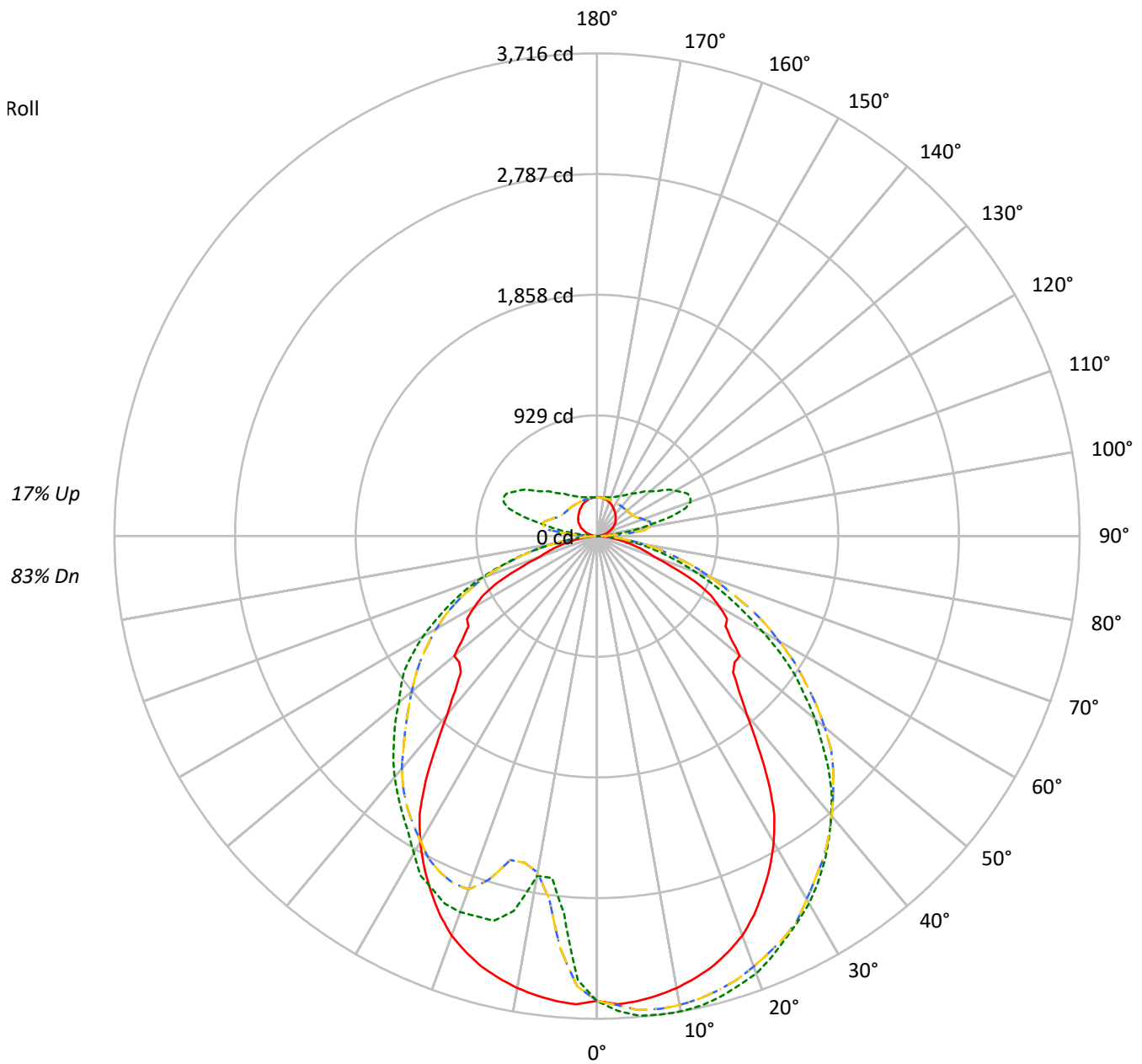
Test Method: LM-79-2019  
Report Number: P934116  
REPORT IS A COMBINATION OF REPORTS P933688 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-125D-835-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11211.0 lumens  
Efficiency: N/A  
Efficacy: 113.0 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

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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	0		
RCR																				
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	83		
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	70		
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	59		
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	50		
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	43		
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	37		
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	32		
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	29		
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	26		
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	23		
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	21		

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	16597	16597	16597	16597
5°	16721	16754	16721	13174
10°	16609	16503	16609	11799
15°	16428	16145	16428	13482
20°	16085	15722	16085	13510
25°	15382	15104	15382	13224
30°	14473	14591	14473	12595
35°	12902	13943	12902	11905
40°	10751	13179	10751	11382
45°	9606	12285	9606	10782
50°	10205	11219	10205	10180
55°	9602	10070	9602	9832
60°	9897	8553	9897	9005
65°	8974	7070	8974	7903
70°	6214	5634	6214	6625
75°	5448	4165	5448	4987
80°	4391	2754	4391	2999
85°	2520	1459	2520	1240

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 14723 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	322.9	2.9
10°-20°	916.8	8.2
20°-30°	1417.2	12.6
30°-40°	1691.9	15.1
40°-50°	1701.8	15.2
50°-60°	1480.8	13.2
60°-70°	1049.9	9.4
70°-80°	555.5	5.0
80°-90°	139.5	1.2
90°-100°	145.5	1.3
100°-110°	382.5	3.4
110°-120°	396.6	3.5
120°-130°	318.1	2.8
130°-140°	249.6	2.2
140°-150°	191.6	1.7
150°-160°	138.0	1.2
160°-170°	84.4	0.8
170°-180°	28.5	0.3
0°-30°	2656.9	23.7
0°-40°	4348.8	38.8
0°-60°	7531.3	67.2
0°-90°	9276.1	82.7
90°-120°	924.6	8.2
90°-150°	1684.0	15.0
90°-180°	1935.0	17.3
0°-180°	11211.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3577	3577	3577	3577	3577	
5°	3594	3706	3594	2914	3594	341
15°	3432	3672	3432	3066	3432	966
25°	3022	3425	3022	2998	3022	1388
35°	2298	3056	2298	2609	2298	1422
45°	1482	2518	1482	2210	1482	1187
55°	1208	1858	1208	1814	1208	1110
65°	839	1120	839	1252	839	802
75°	318	531	318	636	318	334
85°	54	135	54	115	54	73
90°	2	8	2	8	2	4
95°	19	88	19	88	19	21
105°	69	599	69	599	69	73
115°	122	771	122	771	122	121
125°	170	614	170	614	170	151
135°	203	476	203	476	203	157
145°	235	387	235	387	235	147
155°	266	333	266	333	266	122
165°	287	310	287	310	287	81
175°	298	300	298	300	298	28
180°	298	298	298	298	298	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3607.6	3607.6	3627.9	3634.7	3634.7	3624.6	3614.4	3624.6	3655.0	3665.2	3661.8
5°	3594.1	3621.2	3658.4	3665.2	3671.9	3668.6	3661.8	3668.6	3702.4	3709.2	3712.6
7.5°	3567.0	3617.8	3665.2	3675.3	3685.5	3675.3	3671.9	3678.7	3712.6	3719.3	3719.3
10°	3533.2	3604.3	3658.4	3665.2	3675.3	3665.2	3665.2	3678.7	3712.6	3719.3	3722.7
12.5°	3485.8	3583.9	3634.7	3641.5	3655.0	3651.6	3648.3	3661.8	3695.6	3702.4	3702.4
15°	3431.7	3546.7	3594.1	3600.9	3624.6	3617.8	3617.8	3631.3	3668.6	3678.7	3675.3
17.5°	3357.2	3499.3	3553.5	3563.6	3580.6	3577.2	3580.6	3594.1	3627.9	3634.7	3638.1
20°	3272.6	3435.0	3499.3	3509.5	3526.4	3526.4	3526.4	3543.3	3577.2	3590.7	3590.7
22.5°	3157.5	3367.4	3435.0	3441.8	3462.1	3462.1	3468.9	3492.6	3523.0	3526.4	3526.4
25°	3022.2	3292.9	3350.4	3370.7	3391.0	3401.2	3411.4	3424.9	3435.0	3431.7	3435.0
27.5°	2880.0	3198.1	3272.6	3286.1	3313.2	3323.4	3336.9	3340.3	3343.7	3353.8	3347.0
30°	2721.0	3066.2	3177.8	3191.4	3235.4	3242.1	3228.6	3235.4	3252.3	3259.1	3265.8
32.5°	2541.6	2869.9	3079.7	3110.2	3150.8	3130.5	3127.1	3137.2	3164.3	3164.3	3171.1
35°	2297.9	2717.6	2988.3	3015.4	3045.8	3022.2	3035.7	3039.1	3056.0	3066.2	3062.8
37.5°	2030.6	2585.6	2893.6	2913.9	2937.6	2907.1	2927.4	2937.6	2951.1	2944.3	2944.3
40°	1793.7	2379.1	2781.9	2795.4	2815.7	2792.0	2812.3	2819.1	2825.9	2819.1	2815.7
42.5°	1617.7	2152.4	2663.4	2680.3	2666.8	2683.7	2690.5	2704.0	2693.9	2680.3	2680.3
45°	1482.3	2091.5	2534.8	2555.1	2534.8	2561.9	2572.1	2572.1	2541.6	2534.8	2531.4
47.5°	1438.3	1969.6	2406.2	2406.2	2396.1	2429.9	2446.8	2423.1	2392.7	2382.5	2382.5
50°	1434.9	1834.3	2230.2	2216.7	2264.1	2304.7	2287.8	2264.1	2240.4	2203.2	2203.2
52.5°	1302.9	1668.4	2003.5	2054.3	2128.7	2152.4	2125.3	2101.6	2061.0	2044.1	2030.6
55°	1208.2	1495.9	1797.1	1898.6	1976.4	2006.9	1956.1	1932.4	1871.5	1861.4	1854.6
57.5°	1187.9	1245.4	1607.5	1736.1	1830.9	1827.5	1797.1	1753.1	1702.3	1692.1	1688.8
60°	1089.7	900.2	1404.5	1556.8	1654.9	1644.8	1617.7	1577.1	1529.7	1522.9	1516.2
62.5°	988.2	653.2	1174.3	1346.9	1485.7	1482.3	1458.6	1397.7	1363.9	1346.9	1333.4
65°	839.3	548.3	835.9	1120.2	1319.9	1326.6	1275.9	1231.9	1194.6	1174.3	1171.0
67.5°	639.6	446.7	565.2	934.1	1160.8	1154.0	1089.7	1069.4	1022.1	1011.9	991.6
70°	473.8	297.8	392.6	758.1	1005.1	988.2	937.4	913.8	869.8	846.1	832.5
72.5°	392.6	240.3	287.7	588.9	846.1	825.8	781.8	754.7	717.5	697.2	683.6
75°	318.1	253.8	220.0	436.6	687.0	673.5	632.9	605.8	575.3	548.3	551.6
77.5°	233.5	236.9	176.0	321.5	544.9	524.6	500.9	467.0	453.5	426.4	426.4
80°	176.0	186.1	132.0	220.0	392.6	392.6	372.3	348.6	324.9	311.4	311.4
82.5°	118.4	118.4	98.1	138.8	267.4	257.2	243.7	236.9	223.4	216.6	216.6
85°	54.1	67.7	60.9	84.6	145.5	152.3	152.3	145.5	142.1	135.4	138.8
87.5°	16.9	30.5	37.2	47.4	74.5	77.8	81.2	81.2	81.2	84.6	84.6
90°	2.0	3.6	5.2	5.6	8.8	13.1	15.2	13.5	10.1	7.6	7.6
92.5°	8.0	21.6	35.3	38.7	54.4	75.3	85.7	75.1	54.0	38.1	36.6
95°	19.2	44.1	69.1	75.3	133.7	211.6	250.6	223.6	169.7	129.2	124.6
97.5°	33.3	55.3	77.2	82.7	180.1	310.0	375.0	358.0	323.9	298.3	289.6
100°	44.1	64.0	83.9	88.9	197.0	341.1	413.2	414.5	417.0	418.9	408.5
102.5°	53.3	71.9	90.5	95.1	204.8	351.0	424.1	445.8	489.2	521.8	512.9
105°	68.9	84.7	100.5	104.4	210.6	352.1	422.9	471.6	569.0	642.0	637.2
107.5°	84.9	99.6	114.3	118.0	211.6	336.4	398.8	466.7	602.6	704.5	705.7
110°	95.8	109.0	122.3	125.6	210.0	322.5	378.8	454.7	606.6	720.5	725.5



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	106.4	119.0	131.6	134.8	210.1	310.4	360.6	438.3	593.7	710.3	718.0
115°	122.4	134.0	145.7	148.6	212.0	296.5	338.7	413.6	563.4	675.7	686.3
117.5°	138.2	148.8	159.4	162.1	216.0	287.8	323.7	391.3	526.4	627.8	639.6
120°	147.4	157.4	167.4	169.9	219.2	284.9	317.7	379.4	502.9	595.5	606.9
122.5°	156.4	166.5	176.6	179.1	223.8	283.3	313.1	368.7	479.9	563.3	574.6
125°	170.3	179.5	188.6	190.9	230.0	282.1	308.1	355.3	449.8	520.6	531.0
127.5°	181.5	190.7	200.0	202.3	236.2	281.3	303.9	344.5	425.6	486.4	495.2
130°	187.5	197.5	207.4	209.9	240.7	281.8	302.3	338.4	410.6	464.7	472.8
132.5°	193.7	203.7	213.6	216.1	244.4	282.1	300.9	333.2	397.8	446.3	453.6
135°	202.9	212.0	221.1	223.4	248.4	281.8	298.5	325.6	379.7	420.3	426.5
137.5°	212.3	221.3	230.3	232.6	254.4	283.5	298.1	321.0	366.7	401.0	406.1
140°	220.1	228.4	236.7	238.8	258.1	283.8	296.7	316.5	356.0	385.6	390.4
142.5°	226.2	233.8	241.5	243.4	261.2	284.9	296.7	314.1	348.8	374.8	378.9
145°	235.4	242.1	248.7	250.4	265.2	284.9	294.7	308.9	337.3	358.6	361.7
147.5°	244.6	251.1	257.6	259.2	271.0	286.8	294.7	305.9	328.2	344.9	347.5
150°	250.6	256.5	262.3	263.8	274.1	287.8	294.7	304.1	323.0	337.1	339.2
152.5°	256.8	261.2	265.7	266.8	276.1	288.5	294.7	302.7	318.8	330.9	332.5
155°	266.0	269.3	272.6	273.4	280.5	290.0	294.7	301.1	313.9	323.5	324.5
157.5°	272.8	276.0	279.2	280.0	284.9	291.4	294.7	299.7	309.6	317.1	317.8
160°	277.4	279.9	282.4	283.0	286.9	292.1	294.7	299.0	307.5	313.9	314.3
162.5°	282.0	283.9	285.7	286.2	289.0	292.8	294.7	298.3	305.5	310.9	311.3
165°	287.1	288.8	290.5	290.9	292.2	293.9	294.7	297.3	302.4	306.3	306.7
167.5°	291.7	292.5	293.3	293.5	294.6	296.0	296.7	298.4	301.8	304.3	304.5
170°	294.7	295.5	296.3	296.5	296.6	296.7	296.7	298.4	301.8	304.3	304.3
172.5°	296.3	296.5	296.7	296.7	296.7	296.7	296.7	298.0	300.7	302.7	302.5
175°	298.5	298.5	298.5	298.5	297.9	297.1	296.7	297.5	299.2	300.5	300.5
177.5°	298.5	298.5	298.5	298.5	298.0	297.4	297.1	297.8	299.1	300.1	299.9
180°	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3668.6	3658.4	3668.6	3661.8	3665.2	3655.0	3624.6	3614.4	3624.6	3634.7	3634.7
5°	3712.6	3705.8	3712.6	3712.6	3709.2	3702.4	3668.6	3661.8	3668.6	3671.9	3665.2
7.5°	3726.1	3715.9	3726.1	3719.3	3719.3	3712.6	3678.7	3671.9	3675.3	3685.5	3675.3
10°	3726.1	3715.9	3726.1	3722.7	3719.3	3712.6	3678.7	3665.2	3665.2	3675.3	3665.2
12.5°	3709.2	3702.4	3709.2	3702.4	3702.4	3695.6	3661.8	3648.3	3651.6	3655.0	3641.5
15°	3682.1	3671.9	3682.1	3675.3	3678.7	3668.6	3631.3	3617.8	3617.8	3624.6	3600.9
17.5°	3641.5	3627.9	3641.5	3638.1	3634.7	3627.9	3594.1	3580.6	3577.2	3580.6	3563.6
20°	3594.1	3583.9	3594.1	3590.7	3590.7	3577.2	3543.3	3526.4	3526.4	3526.4	3509.5
22.5°	3519.6	3509.5	3519.6	3526.4	3526.4	3523.0	3492.6	3468.9	3462.1	3462.1	3441.8
25°	3435.0	3424.9	3435.0	3435.0	3431.7	3435.0	3424.9	3411.4	3401.2	3391.0	3370.7
27.5°	3353.8	3347.0	3353.8	3347.0	3353.8	3343.7	3340.3	3336.9	3323.4	3313.2	3286.1
30°	3272.6	3265.8	3272.6	3265.8	3259.1	3252.3	3235.4	3228.6	3242.1	3235.4	3191.4
32.5°	3171.1	3164.3	3171.1	3171.1	3164.3	3164.3	3137.2	3127.1	3130.5	3150.8	3110.2
35°	3066.2	3056.0	3066.2	3062.8	3066.2	3056.0	3039.1	3035.7	3022.2	3045.8	3015.4
37.5°	2944.3	2934.2	2944.3	2944.3	2944.3	2951.1	2937.6	2927.4	2907.1	2937.6	2913.9
40°	2819.1	2805.6	2819.1	2815.7	2819.1	2825.9	2819.1	2812.3	2792.0	2815.7	2795.4
42.5°	2677.0	2673.6	2677.0	2680.3	2680.3	2693.9	2704.0	2690.5	2683.7	2666.8	2680.3
45°	2524.7	2517.9	2524.7	2531.4	2534.8	2541.6	2572.1	2572.1	2561.9	2534.8	2555.1
47.5°	2362.2	2345.3	2362.2	2382.5	2382.5	2392.7	2423.1	2446.8	2429.9	2396.1	2406.2
50°	2189.6	2193.0	2189.6	2203.2	2203.2	2240.4	2264.1	2287.8	2304.7	2264.1	2216.7
52.5°	2020.4	2017.0	2020.4	2030.6	2044.1	2061.0	2101.6	2125.3	2152.4	2128.7	2054.3
55°	1851.2	1858.0	1851.2	1854.6	1861.4	1871.5	1932.4	1956.1	2006.9	1976.4	1898.6
57.5°	1682.0	1671.8	1682.0	1688.8	1692.1	1702.3	1753.1	1797.1	1827.5	1830.9	1736.1
60°	1485.7	1472.2	1485.7	1516.2	1522.9	1529.7	1577.1	1617.7	1644.8	1654.9	1556.8
62.5°	1313.1	1289.4	1313.1	1333.4	1346.9	1363.9	1397.7	1458.6	1482.3	1485.7	1346.9
65°	1130.3	1120.2	1130.3	1171.0	1174.3	1194.6	1231.9	1275.9	1326.6	1319.9	1120.2
67.5°	964.5	964.5	964.5	991.6	1011.9	1022.1	1069.4	1089.7	1154.0	1160.8	934.1
70°	812.2	808.8	812.2	832.5	846.1	869.8	913.8	937.4	988.2	1005.1	758.1
72.5°	666.7	663.3	666.7	683.6	697.2	717.5	754.7	781.8	825.8	846.1	588.9
75°	538.1	531.3	538.1	551.6	548.3	575.3	605.8	632.9	673.5	687.0	436.6
77.5°	412.9	412.9	412.9	426.4	426.4	453.5	467.0	500.9	524.6	544.9	321.5
80°	308.0	304.6	308.0	311.4	311.4	324.9	348.6	372.3	392.6	392.6	220.0
82.5°	216.6	209.8	216.6	216.6	216.6	223.4	236.9	243.7	257.2	267.4	138.8
85°	135.4	135.4	135.4	138.8	135.4	142.1	145.5	152.3	152.3	145.5	84.6
87.5°	88.0	84.6	88.0	84.6	84.6	81.2	81.2	81.2	77.8	74.5	47.4
90°	7.6	7.6	7.6	7.6	7.6	10.1	13.5	15.2	13.1	8.8	5.6
92.5°	30.5	24.4	30.5	36.6	38.1	54.0	75.1	85.7	75.3	54.4	38.7
95°	106.3	87.9	106.3	124.6	129.2	169.7	223.6	250.6	211.6	133.7	75.3
97.5°	254.6	219.7	254.6	289.6	298.3	323.9	358.0	375.0	310.0	180.1	82.7
100°	366.9	325.3	366.9	408.5	418.9	417.0	414.5	413.2	341.1	197.0	88.9
102.5°	477.3	441.7	477.3	512.9	521.8	489.2	445.8	424.1	351.0	204.8	95.1
105°	618.1	598.9	618.1	637.2	642.0	569.0	471.6	422.9	352.1	210.6	104.4
107.5°	710.3	714.9	710.3	705.7	704.5	602.6	466.7	398.8	336.4	211.6	118.0
110°	745.4	765.4	745.4	725.5	720.5	606.6	454.7	378.8	322.5	210.0	125.6





TEST NUMBER: P934116

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	748.6	779.2	748.6	718.0	710.3	593.7	438.3	360.6	310.4	210.1	134.8
115°	728.8	771.2	728.8	686.3	675.7	563.4	413.6	338.7	296.5	212.0	148.6
117.5°	686.7	733.8	686.7	639.6	627.8	526.4	391.3	323.7	287.8	216.0	162.1
120°	652.7	698.5	652.7	606.9	595.5	502.9	379.4	317.7	284.9	219.2	169.9
122.5°	619.7	664.8	619.7	574.6	563.3	479.9	368.7	313.1	283.3	223.8	179.1
125°	572.6	614.2	572.6	531.0	520.6	449.8	355.3	308.1	282.1	230.0	190.9
127.5°	530.2	565.3	530.2	495.2	486.4	425.6	344.5	303.9	281.3	236.2	202.3
130°	505.2	537.6	505.2	472.8	464.7	410.6	338.4	302.3	281.8	240.7	209.9
132.5°	482.6	511.6	482.6	453.6	446.3	397.8	333.2	300.9	282.1	244.4	216.1
135°	451.5	476.5	451.5	426.5	420.3	379.7	325.6	298.5	281.8	248.4	223.4
137.5°	426.6	447.1	426.6	406.1	401.0	366.7	321.0	298.1	283.5	254.4	232.6
140°	409.5	428.7	409.5	390.4	385.6	356.0	316.5	296.7	283.8	258.1	238.8
142.5°	395.4	411.8	395.4	378.9	374.8	348.8	314.1	296.7	284.9	261.2	243.4
145°	374.2	386.6	374.2	361.7	358.6	337.3	308.9	294.7	284.9	265.2	250.4
147.5°	357.8	368.2	357.8	347.5	344.9	328.2	305.9	294.7	286.8	271.0	259.2
150°	347.6	356.0	347.6	339.2	337.1	323.0	304.1	294.7	287.8	274.1	263.8
152.5°	338.8	345.1	338.8	332.5	330.9	318.8	302.7	294.7	288.5	276.1	266.8
155°	328.7	332.9	328.7	324.5	323.5	313.9	301.1	294.7	290.0	280.5	273.4
157.5°	320.8	323.7	320.8	317.8	317.1	309.6	299.7	294.7	291.4	284.9	280.0
160°	316.0	317.7	316.0	314.3	313.9	307.5	299.0	294.7	292.1	286.9	283.0
162.5°	312.9	314.5	312.9	311.3	310.9	305.5	298.3	294.7	292.8	289.0	286.2
165°	308.4	310.1	308.4	306.7	306.3	302.4	297.3	294.7	293.9	292.2	290.9
167.5°	305.2	305.9	305.2	304.5	304.3	301.8	298.4	296.7	296.0	294.6	293.5
170°	304.3	304.3	304.3	304.3	304.3	301.8	298.4	296.7	296.7	296.6	296.5
172.5°	301.9	301.3	301.9	302.5	302.7	300.7	298.0	296.7	296.7	296.7	296.7
175°	300.5	300.5	300.5	300.5	300.5	299.2	297.5	296.7	297.1	297.9	298.5
177.5°	299.2	298.5	299.2	299.9	300.1	299.1	297.8	297.1	297.4	298.0	298.5
180°	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5



TEST NUMBER: P934116

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3627.9	3607.6	3607.6	3573.8	3560.3	3550.1	3533.2	3482.4	3468.9	3455.3	3475.7
5°	3658.4	3621.2	3594.1	3533.2	3482.4	3462.1	3397.8	3276.0	3194.8	3133.8	3100.0
7.5°	3665.2	3617.8	3567.0	3472.3	3350.4	3296.3	3100.0	2876.6	2815.7	2761.6	2727.7
10°	3658.4	3604.3	3533.2	3391.0	3103.4	3008.6	2812.3	2666.8	2629.6	2619.4	2629.6
12.5°	3634.7	3583.9	3485.8	3248.9	2846.2	2781.9	2666.8	2582.2	2575.4	2592.4	2683.7
15°	3594.1	3546.7	3431.7	3059.4	2704.0	2656.7	2575.4	2545.0	2582.2	2700.7	2974.8
17.5°	3553.5	3499.3	3357.2	2873.3	2595.7	2561.9	2504.4	2565.3	2775.1	2934.2	3025.5
20°	3499.3	3435.0	3272.6	2737.9	2517.9	2487.4	2460.4	2734.5	2893.6	2951.1	3001.9
22.5°	3435.0	3367.4	3157.5	2643.1	2436.7	2413.0	2429.9	2829.3	2893.6	2934.2	2978.2
25°	3350.4	3292.9	3022.2	2568.7	2372.4	2345.3	2409.6	2819.1	2856.3	2866.5	2954.5
27.5°	3272.6	3198.1	2880.0	2501.0	2294.5	2284.4	2426.5	2775.1	2802.2	2812.3	2907.1
30°	3177.8	3066.2	2721.0	2429.9	2213.3	2209.9	2429.9	2721.0	2714.2	2741.3	2836.0
32.5°	3079.7	2869.9	2541.6	2341.9	2135.5	2132.1	2406.2	2639.7	2633.0	2670.2	2741.3
35°	2988.3	2717.6	2297.9	2240.4	2037.3	2040.7	2348.7	2545.0	2548.4	2582.2	2626.2
37.5°	2893.6	2585.6	2030.6	2128.7	1942.6	1942.6	2270.8	2457.0	2450.2	2460.4	2521.3
40°	2781.9	2379.1	1793.7	1983.2	1854.6	1844.4	2176.1	2362.2	2338.5	2335.2	2419.8
42.5°	2663.4	2152.4	1617.7	1790.3	1753.1	1739.5	2061.0	2247.2	2203.2	2213.3	2321.6
45°	2534.8	2091.5	1482.3	1512.8	1648.1	1638.0	1935.8	2115.2	2084.7	2111.8	2223.5
47.5°	2406.2	1969.6	1438.3	1255.6	1536.5	1533.1	1797.1	1986.6	1969.6	1996.7	2115.2
50°	2230.2	1834.3	1434.9	1076.2	1411.2	1424.8	1631.2	1861.4	1861.4	1885.0	2010.3
52.5°	2003.5	1668.4	1302.9	974.7	1265.7	1306.3	1485.7	1753.1	1759.8	1783.5	1895.2
55°	1797.1	1495.9	1208.2	896.8	1093.1	1181.1	1343.6	1641.4	1654.9	1678.6	1780.1
57.5°	1607.5	1245.4	1187.9	805.5	934.1	1018.7	1218.3	1533.1	1539.8	1560.2	1658.3
60°	1404.5	900.2	1089.7	707.3	795.3	859.6	1103.3	1404.5	1428.2	1441.7	1526.3
62.5°	1174.3	653.2	988.2	639.6	727.6	741.2	1008.5	1282.6	1313.1	1323.3	1374.0
65°	835.9	548.3	839.3	582.1	656.5	659.9	907.0	1157.4	1184.5	1201.4	1238.6
67.5°	565.2	446.7	639.6	527.9	602.4	605.8	808.8	1011.9	1049.1	1062.7	1086.4
70°	392.6	297.8	473.8	470.4	541.5	548.3	703.9	879.9	913.8	923.9	937.4
72.5°	287.7	240.3	392.6	423.0	477.2	484.0	595.6	731.0	764.8	775.0	781.8
75°	220.0	253.8	318.1	368.9	406.1	409.5	487.3	595.6	619.3	626.1	629.5
77.5°	176.0	236.9	233.5	297.8	331.7	324.9	382.4	460.3	480.6	480.6	480.6
80°	132.0	186.1	176.0	213.2	243.7	236.9	274.1	328.3	335.0	341.8	338.4
82.5°	98.1	118.4	118.4	135.4	162.4	155.7	182.8	213.2	213.2	213.2	220.0
85°	60.9	67.7	54.1	71.1	91.4	88.0	101.5	115.1	118.4	118.4	111.7
87.5°	37.2	30.5	16.9	27.1	40.6	40.6	47.4	50.8	47.4	47.4	47.4
90°	5.2	3.6	2.0	3.6	5.2	5.6	8.8	13.1	15.2	13.5	10.1
92.5°	35.3	21.6	8.0	21.6	35.3	38.7	54.4	75.3	85.7	75.1	54.0
95°	69.1	44.1	19.2	44.1	69.1	75.3	133.7	211.6	250.6	223.6	169.7
97.5°	77.2	55.3	33.3	55.3	77.2	82.7	180.1	310.0	375.0	358.0	323.9
100°	83.9	64.0	44.1	64.0	83.9	88.9	197.0	341.1	413.2	414.5	417.0
102.5°	90.5	71.9	53.3	71.9	90.5	95.1	204.8	351.0	424.1	445.8	489.2
105°	100.5	84.7	68.9	84.7	100.5	104.4	210.6	352.1	422.9	471.6	569.0
107.5°	114.3	99.6	84.9	99.6	114.3	118.0	211.6	336.4	398.8	466.7	602.6
110°	122.3	109.0	95.8	109.0	122.3	125.6	210.0	322.5	378.8	454.7	606.6



TEST NUMBER: P934116

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	131.6	119.0	106.4	119.0	131.6	134.8	210.1	310.4	360.6	438.3	593.7
115°	145.7	134.0	122.4	134.0	145.7	148.6	212.0	296.5	338.7	413.6	563.4
117.5°	159.4	148.8	138.2	148.8	159.4	162.1	216.0	287.8	323.7	391.3	526.4
120°	167.4	157.4	147.4	157.4	167.4	169.9	219.2	284.9	317.7	379.4	502.9
122.5°	176.6	166.5	156.4	166.5	176.6	179.1	223.8	283.3	313.1	368.7	479.9
125°	188.6	179.5	170.3	179.5	188.6	190.9	230.0	282.1	308.1	355.3	449.8
127.5°	200.0	190.7	181.5	190.7	200.0	202.3	236.2	281.3	303.9	344.5	425.6
130°	207.4	197.5	187.5	197.5	207.4	209.9	240.7	281.8	302.3	338.4	410.6
132.5°	213.6	203.7	193.7	203.7	213.6	216.1	244.4	282.1	300.9	333.2	397.8
135°	221.1	212.0	202.9	212.0	221.1	223.4	248.4	281.8	298.5	325.6	379.7
137.5°	230.3	221.3	212.3	221.3	230.3	232.6	254.4	283.5	298.1	321.0	366.7
140°	236.7	228.4	220.1	228.4	236.7	238.8	258.1	283.8	296.7	316.5	356.0
142.5°	241.5	233.8	226.2	233.8	241.5	243.4	261.2	284.9	296.7	314.1	348.8
145°	248.7	242.1	235.4	242.1	248.7	250.4	265.2	284.9	294.7	308.9	337.3
147.5°	257.6	251.1	244.6	251.1	257.6	259.2	271.0	286.8	294.7	305.9	328.2
150°	262.3	256.5	250.6	256.5	262.3	263.8	274.1	287.8	294.7	304.1	323.0
152.5°	265.7	261.2	256.8	261.2	265.7	266.8	276.1	288.5	294.7	302.7	318.8
155°	272.6	269.3	266.0	269.3	272.6	273.4	280.5	290.0	294.7	301.1	313.9
157.5°	279.2	276.0	272.8	276.0	279.2	280.0	284.9	291.4	294.7	299.7	309.6
160°	282.4	279.9	277.4	279.9	282.4	283.0	286.9	292.1	294.7	299.0	307.5
162.5°	285.7	283.9	282.0	283.9	285.7	286.2	289.0	292.8	294.7	298.3	305.5
165°	290.5	288.8	287.1	288.8	290.5	290.9	292.2	293.9	294.7	297.3	302.4
167.5°	293.3	292.5	291.7	292.5	293.3	293.5	294.6	296.0	296.7	298.4	301.8
170°	296.3	295.5	294.7	295.5	296.3	296.5	296.6	296.7	296.7	298.4	301.8
172.5°	296.7	296.5	296.3	296.5	296.7	296.7	296.7	296.7	296.7	298.0	300.7
175°	298.5	298.5	298.5	298.5	298.5	298.5	297.9	297.1	296.7	297.5	299.2
177.5°	298.5	298.5	298.5	298.5	298.5	298.5	298.0	297.4	297.1	297.8	299.1
180°	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5



TEST NUMBER: P934116  
 CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3452.0	3441.8	3455.3	3418.1	3455.3	3441.8	3452.0	3475.7	3455.3	3468.9	3482.4
5°	3028.9	3012.0	2957.9	2913.9	2957.9	3012.0	3028.9	3100.0	3133.8	3194.8	3276.0
7.5°	2707.4	2693.9	2680.3	2653.3	2680.3	2693.9	2707.4	2727.7	2761.6	2815.7	2876.6
10°	2636.4	2639.7	2660.0	2656.7	2660.0	2639.7	2636.4	2629.6	2619.4	2629.6	2666.8
12.5°	2819.1	2849.6	2961.2	2954.5	2961.2	2849.6	2819.1	2683.7	2592.4	2575.4	2582.2
15°	3028.9	3039.1	3062.8	3066.2	3062.8	3039.1	3028.9	2974.8	2700.7	2582.2	2545.0
17.5°	3049.2	3052.6	3069.5	3069.5	3069.5	3052.6	3049.2	3025.5	2934.2	2775.1	2565.3
20°	3032.3	3039.1	3072.9	3079.7	3072.9	3039.1	3032.3	3001.9	2951.1	2893.6	2734.5
22.5°	3025.5	3039.1	3066.2	3062.8	3066.2	3039.1	3025.5	2978.2	2934.2	2893.6	2829.3
25°	2991.7	2991.7	2995.1	2998.5	2995.1	2991.7	2991.7	2954.5	2866.5	2856.3	2819.1
27.5°	2920.6	2927.4	2947.7	2944.3	2947.7	2927.4	2920.6	2907.1	2812.3	2802.2	2775.1
30°	2856.3	2849.6	2832.6	2819.1	2832.6	2849.6	2856.3	2836.0	2741.3	2714.2	2721.0
32.5°	2748.0	2731.1	2714.2	2704.0	2714.2	2731.1	2748.0	2741.3	2670.2	2633.0	2639.7
35°	2619.4	2622.8	2619.4	2609.3	2619.4	2622.8	2619.4	2626.2	2582.2	2548.4	2545.0
37.5°	2528.1	2534.8	2531.4	2517.9	2531.4	2534.8	2528.1	2521.3	2460.4	2450.2	2457.0
40°	2433.3	2436.7	2433.3	2423.1	2433.3	2436.7	2433.3	2419.8	2335.2	2338.5	2362.2
42.5°	2341.9	2338.5	2328.4	2321.6	2328.4	2338.5	2341.9	2321.6	2213.3	2203.2	2247.2
45°	2237.0	2240.4	2220.1	2209.9	2220.1	2240.4	2237.0	2223.5	2111.8	2084.7	2115.2
47.5°	2132.1	2132.1	2115.2	2105.0	2115.2	2132.1	2132.1	2115.2	1996.7	1969.6	1986.6
50°	2020.4	2017.0	1993.3	1990.0	1993.3	2017.0	2020.4	2010.3	1885.0	1861.4	1861.4
52.5°	1891.8	1891.8	1895.2	1902.0	1895.2	1891.8	1891.8	1895.2	1783.5	1759.8	1753.1
55°	1780.1	1783.5	1807.2	1814.0	1807.2	1783.5	1780.1	1780.1	1678.6	1654.9	1641.4
57.5°	1665.1	1665.1	1682.0	1682.0	1682.0	1665.1	1665.1	1658.3	1560.2	1539.8	1533.1
60°	1533.1	1539.8	1553.4	1550.0	1553.4	1539.8	1533.1	1526.3	1441.7	1428.2	1404.5
62.5°	1394.3	1401.1	1404.5	1397.7	1404.5	1401.1	1394.3	1374.0	1323.3	1313.1	1282.6
65°	1248.8	1255.6	1259.0	1252.2	1259.0	1255.6	1248.8	1238.6	1201.4	1184.5	1157.4
67.5°	1099.9	1096.5	1093.1	1106.7	1093.1	1096.5	1099.9	1086.4	1062.7	1049.1	1011.9
70°	947.6	947.6	944.2	951.0	944.2	947.6	947.6	937.4	923.9	913.8	879.9
72.5°	785.2	781.8	795.3	785.2	795.3	781.8	785.2	781.8	775.0	764.8	731.0
75°	626.1	632.9	626.1	636.2	626.1	632.9	626.1	629.5	626.1	619.3	595.6
77.5°	477.2	484.0	477.2	477.2	477.2	484.0	477.2	480.6	480.6	480.6	460.3
80°	338.4	335.0	335.0	331.7	335.0	335.0	338.4	338.4	341.8	335.0	328.3
82.5°	216.6	213.2	213.2	220.0	213.2	213.2	216.6	220.0	213.2	213.2	213.2
85°	118.4	121.8	115.1	115.1	115.1	121.8	118.4	111.7	118.4	118.4	115.1
87.5°	44.0	40.6	40.6	40.6	40.6	40.6	44.0	47.4	47.4	47.4	50.8
90°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	10.1	13.5	15.2	13.1
92.5°	38.1	36.6	30.5	24.4	30.5	36.6	38.1	54.0	75.1	85.7	75.3
95°	129.2	124.6	106.3	87.9	106.3	124.6	129.2	169.7	223.6	250.6	211.6
97.5°	298.3	289.6	254.6	219.7	254.6	289.6	298.3	323.9	358.0	375.0	310.0
100°	418.9	408.5	366.9	325.3	366.9	408.5	418.9	417.0	414.5	413.2	341.1
102.5°	521.8	512.9	477.3	441.7	477.3	512.9	521.8	489.2	445.8	424.1	351.0
105°	642.0	637.2	618.1	598.9	618.1	637.2	642.0	569.0	471.6	422.9	352.1
107.5°	704.5	705.7	710.3	714.9	710.3	705.7	704.5	602.6	466.7	398.8	336.4
110°	720.5	725.5	745.4	765.4	745.4	725.5	720.5	606.6	454.7	378.8	322.5



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	710.3	718.0	748.6	779.2	748.6	718.0	710.3	593.7	438.3	360.6	310.4
115°	675.7	686.3	728.8	771.2	728.8	686.3	675.7	563.4	413.6	338.7	296.5
117.5°	627.8	639.6	686.7	733.8	686.7	639.6	627.8	526.4	391.3	323.7	287.8
120°	595.5	606.9	652.7	698.5	652.7	606.9	595.5	502.9	379.4	317.7	284.9
122.5°	563.3	574.6	619.7	664.8	619.7	574.6	563.3	479.9	368.7	313.1	283.3
125°	520.6	531.0	572.6	614.2	572.6	531.0	520.6	449.8	355.3	308.1	282.1
127.5°	486.4	495.2	530.2	565.3	530.2	495.2	486.4	425.6	344.5	303.9	281.3
130°	464.7	472.8	505.2	537.6	505.2	472.8	464.7	410.6	338.4	302.3	281.8
132.5°	446.3	453.6	482.6	511.6	482.6	453.6	446.3	397.8	333.2	300.9	282.1
135°	420.3	426.5	451.5	476.5	451.5	426.5	420.3	379.7	325.6	298.5	281.8
137.5°	401.0	406.1	426.6	447.1	426.6	406.1	401.0	366.7	321.0	298.1	283.5
140°	385.6	390.4	409.5	428.7	409.5	390.4	385.6	356.0	316.5	296.7	283.8
142.5°	374.8	378.9	395.4	411.8	395.4	378.9	374.8	348.8	314.1	296.7	284.9
145°	358.6	361.7	374.2	386.6	374.2	361.7	358.6	337.3	308.9	294.7	284.9
147.5°	344.9	347.5	357.8	368.2	357.8	347.5	344.9	328.2	305.9	294.7	286.8
150°	337.1	339.2	347.6	356.0	347.6	339.2	337.1	323.0	304.1	294.7	287.8
152.5°	330.9	332.5	338.8	345.1	338.8	332.5	330.9	318.8	302.7	294.7	288.5
155°	323.5	324.5	328.7	332.9	328.7	324.5	323.5	313.9	301.1	294.7	290.0
157.5°	317.1	317.8	320.8	323.7	320.8	317.8	317.1	309.6	299.7	294.7	291.4
160°	313.9	314.3	316.0	317.7	316.0	314.3	313.9	307.5	299.0	294.7	292.1
162.5°	310.9	311.3	312.9	314.5	312.9	311.3	310.9	305.5	298.3	294.7	292.8
165°	306.3	306.7	308.4	310.1	308.4	306.7	306.3	302.4	297.3	294.7	293.9
167.5°	304.3	304.5	305.2	305.9	305.2	304.5	304.3	301.8	298.4	296.7	296.0
170°	304.3	304.3	304.3	304.3	304.3	304.3	304.3	301.8	298.4	296.7	296.7
172.5°	302.7	302.5	301.9	301.3	301.9	302.5	302.7	300.7	298.0	296.7	296.7
175°	300.5	300.5	300.5	300.5	300.5	300.5	300.5	299.2	297.5	296.7	297.1
177.5°	300.1	299.9	299.2	298.5	299.2	299.9	300.1	299.1	297.8	297.1	297.4
180°	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5	298.5



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3577.2	3577.2	3577.2	3577.2	3577.2
2.5°	3533.2	3550.1	3560.3	3573.8	3607.6
5°	3397.8	3462.1	3482.4	3533.2	3594.1
7.5°	3100.0	3296.3	3350.4	3472.3	3567.0
10°	2812.3	3008.6	3103.4	3391.0	3533.2
12.5°	2666.8	2781.9	2846.2	3248.9	3485.8
15°	2575.4	2656.7	2704.0	3059.4	3431.7
17.5°	2504.4	2561.9	2595.7	2873.3	3357.2
20°	2460.4	2487.4	2517.9	2737.9	3272.6
22.5°	2429.9	2413.0	2436.7	2643.1	3157.5
25°	2409.6	2345.3	2372.4	2568.7	3022.2
27.5°	2426.5	2284.4	2294.5	2501.0	2880.0
30°	2429.9	2209.9	2213.3	2429.9	2721.0
32.5°	2406.2	2132.1	2135.5	2341.9	2541.6
35°	2348.7	2040.7	2037.3	2240.4	2297.9
37.5°	2270.8	1942.6	1942.6	2128.7	2030.6
40°	2176.1	1844.4	1854.6	1983.2	1793.7
42.5°	2061.0	1739.5	1753.1	1790.3	1617.7
45°	1935.8	1638.0	1648.1	1512.8	1482.3
47.5°	1797.1	1533.1	1536.5	1255.6	1438.3
50°	1631.2	1424.8	1411.2	1076.2	1434.9
52.5°	1485.7	1306.3	1265.7	974.7	1302.9
55°	1343.6	1181.1	1093.1	896.8	1208.2
57.5°	1218.3	1018.7	934.1	805.5	1187.9
60°	1103.3	859.6	795.3	707.3	1089.7
62.5°	1008.5	741.2	727.6	639.6	988.2
65°	907.0	659.9	656.5	582.1	839.3
67.5°	808.8	605.8	602.4	527.9	639.6
70°	703.9	548.3	541.5	470.4	473.8
72.5°	595.6	484.0	477.2	423.0	392.6
75°	487.3	409.5	406.1	368.9	318.1
77.5°	382.4	324.9	331.7	297.8	233.5
80°	274.1	236.9	243.7	213.2	176.0
82.5°	182.8	155.7	162.4	135.4	118.4
85°	101.5	88.0	91.4	71.1	54.1
87.5°	47.4	40.6	40.6	27.1	16.9
90°	8.8	5.6	5.2	3.6	2.0
92.5°	54.4	38.7	35.3	21.6	8.0
95°	133.7	75.3	69.1	44.1	19.2
97.5°	180.1	82.7	77.2	55.3	33.3
100°	197.0	88.9	83.9	64.0	44.1
102.5°	204.8	95.1	90.5	71.9	53.3
105°	210.6	104.4	100.5	84.7	68.9
107.5°	211.6	118.0	114.3	99.6	84.9
110°	210.0	125.6	122.3	109.0	95.8



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	210.1	134.8	131.6	119.0	106.4
115°	212.0	148.6	145.7	134.0	122.4
117.5°	216.0	162.1	159.4	148.8	138.2
120°	219.2	169.9	167.4	157.4	147.4
122.5°	223.8	179.1	176.6	166.5	156.4
125°	230.0	190.9	188.6	179.5	170.3
127.5°	236.2	202.3	200.0	190.7	181.5
130°	240.7	209.9	207.4	197.5	187.5
132.5°	244.4	216.1	213.6	203.7	193.7
135°	248.4	223.4	221.1	212.0	202.9
137.5°	254.4	232.6	230.3	221.3	212.3
140°	258.1	238.8	236.7	228.4	220.1
142.5°	261.2	243.4	241.5	233.8	226.2
145°	265.2	250.4	248.7	242.1	235.4
147.5°	271.0	259.2	257.6	251.1	244.6
150°	274.1	263.8	262.3	256.5	250.6
152.5°	276.1	266.8	265.7	261.2	256.8
155°	280.5	273.4	272.6	269.3	266.0
157.5°	284.9	280.0	279.2	276.0	272.8
160°	286.9	283.0	282.4	279.9	277.4
162.5°	289.0	286.2	285.7	283.9	282.0
165°	292.2	290.9	290.5	288.8	287.1
167.5°	294.6	293.5	293.3	292.5	291.7
170°	296.6	296.5	296.3	295.5	294.7
172.5°	296.7	296.7	296.7	296.5	296.3
175°	297.9	298.5	298.5	298.5	298.5
177.5°	298.0	298.5	298.5	298.5	298.5
180°	298.5	298.5	298.5	298.5	298.5



TEST NUMBER: P934116  
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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	17.18	18.44	17.79	19.06	19.77	20.02	21.28	20.63	21.90	22.61
	3H	17.68	18.82	18.31	19.45	20.20	21.39	22.53	22.02	23.16	23.91
	4H	17.89	18.96	18.54	19.61	20.37	21.86	22.92	22.50	23.57	24.33
	6H	18.03	19.02	18.69	19.68	20.45	22.16	23.15	22.83	23.81	24.58
	8H	18.04	18.98	18.72	19.66	20.44	22.25	23.19	22.92	23.87	24.65
	12H	18.03	18.93	18.71	19.60	20.41	22.30	23.20	22.98	23.87	24.68
4H	2H	18.26	19.33	18.91	19.97	20.74	20.47	21.54	21.12	22.19	22.95
	3H	19.32	20.21	19.99	20.90	21.68	22.02	22.91	22.68	23.59	24.37
	4H	19.62	20.42	20.30	21.11	21.92	22.56	23.37	23.24	24.06	24.87
	6H	19.76	20.46	20.46	21.18	22.00	22.95	23.65	23.65	24.37	25.19
	8H	19.78	20.43	20.48	21.15	21.98	23.07	23.72	23.77	24.44	25.27
	12H	19.76	20.35	20.49	21.09	21.93	23.15	23.73	23.87	24.47	25.31
8H	4H	20.10	20.76	20.81	21.47	22.30	22.72	23.37	23.42	24.09	24.92
	6H	20.38	20.92	21.12	21.68	22.51	23.17	23.72	23.91	24.47	25.31
	8H	20.43	20.91	21.18	21.67	22.52	23.33	23.81	24.08	24.57	25.42
	12H	20.43	20.85	21.18	21.60	22.52	23.45	23.87	24.20	24.62	25.54
12H	4H	20.13	20.71	20.85	21.45	22.29	22.70	23.29	23.43	24.03	24.87
	6H	20.44	20.93	21.19	21.69	22.54	23.17	23.66	23.92	24.42	25.27
	8H	20.53	20.96	21.28	21.70	22.62	23.35	23.78	24.10	24.53	25.44