

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: P933917

Luminaire Tested: SQ4-FA-025U-075D-840-1D-UNV-STD-W-12

Issue Date: 12/17/2024

**Test Information**

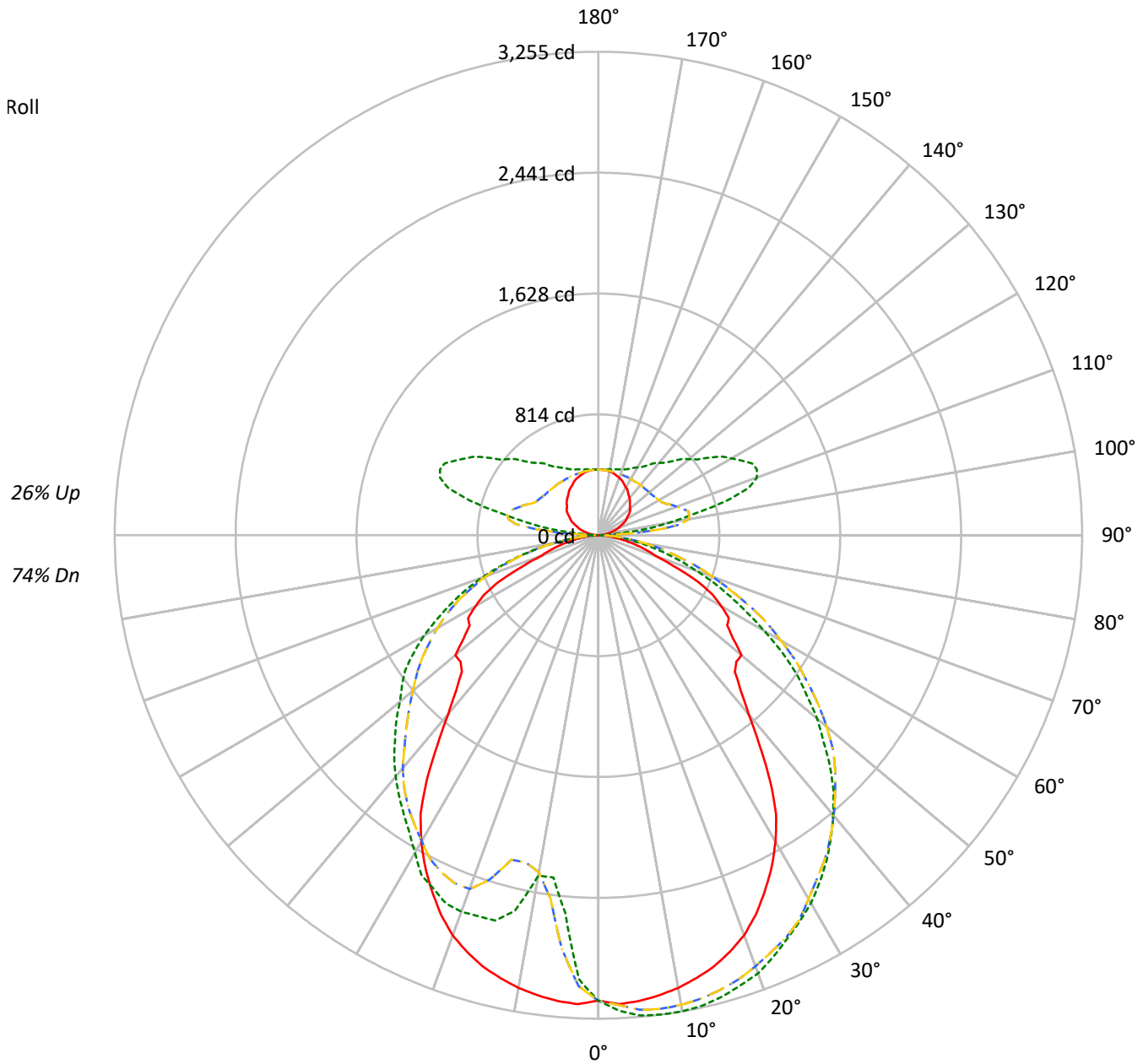
Test Method: LM-79-2019  
Report Number: P933917  
REPORT IS A COMBINATION OF REPORTS P933677 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-075D-840-1D-UNV-STD-W-12  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10992.4 lumens  
Efficiency: N/A  
Efficacy: 122.1 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 90  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot



— 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	113	113	113	113	107	107	107	107	97	97	97	87	87	87	78	78	78	78	78	78	74
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	69	68	66	66	66	66	62
2	94	86	80	75	89	82	77	72	75	70	66	68	64	61	61	58	56	56	56	56	52
3	86	76	68	62	81	72	66	60	66	60	56	60	55	52	54	51	48	48	48	48	44
4	79	67	59	53	74	64	57	51	59	52	48	53	48	44	48	44	41	41	41	41	38
5	72	60	52	45	68	57	50	44	52	46	41	48	42	38	43	39	36	36	36	36	33
6	67	54	46	39	63	52	44	38	47	41	36	43	38	34	39	35	31	31	31	31	29
7	62	49	41	35	58	47	39	34	43	36	32	39	34	30	36	31	28	28	28	28	26
8	57	44	36	31	54	43	35	30	39	33	28	36	31	27	33	28	25	25	25	25	23
9	53	41	33	28	51	39	32	27	36	30	25	33	28	24	30	26	23	23	23	23	21
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	20	20	20	19

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

	0°	90°	180°	270°
0°	9691	9691	9691	9691
5°	9767	9782	9767	7692
10°	9705	9636	9705	6889
15°	9603	9427	9603	7872
20°	9406	9180	9406	7888
25°	8999	8819	8999	7721
30°	8471	8520	8471	7354
35°	7555	8141	7555	6951
40°	6299	7695	6299	6646
45°	5632	7173	5632	6296
50°	5988	6550	5988	5944
55°	5639	5879	5639	5740
60°	5820	4993	5820	5258
65°	5286	4128	5286	4614
70°	3669	3290	3669	3868
75°	3229	2432	3229	2912
80°	2621	1608	2621	1751
85°	1536	852	1536	724

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 8626 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	282.8	2.6
10°-20°	803.0	7.3
20°-30°	1241.3	11.3
30°-40°	1481.8	13.5
40°-50°	1490.4	13.6
50°-60°	1296.9	11.8
60°-70°	919.5	8.4
70°-80°	486.5	4.4
80°-90°	122.8	1.1
90°-100°	215.6	2.0
100°-110°	566.9	5.2
110°-120°	587.8	5.3
120°-130°	471.5	4.3
130°-140°	369.9	3.4
140°-150°	283.9	2.6
150°-160°	204.5	1.9
160°-170°	125.1	1.1
170°-180°	42.3	0.4
0°-30°	2327.0	21.2
0°-40°	3808.8	34.6
0°-60°	6596.1	60.0
0°-90°	8124.9	73.9
90°-120°	1370.3	12.5
90°-150°	2495.6	22.7
90°-180°	2867.0	26.1
0°-180°	10992.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3133	3133	3133	3133	3133	
5°	3148	3246	3148	2552	3148	299
15°	3006	3216	3006	2686	3006	846
25°	2647	3000	2647	2626	2647	1215
35°	2013	2677	2013	2285	2013	1245
45°	1298	2205	1298	1936	1298	1040
55°	1058	1627	1058	1589	1058	972
65°	735	981	735	1097	735	703
75°	279	465	279	557	279	293
85°	47	119	47	101	47	64
90°	3	11	3	11	3	4
95°	28	130	28	130	28	32
105°	102	888	102	888	102	108
115°	181	1143	181	1143	181	179
125°	252	910	252	910	252	224
135°	301	706	301	706	301	233
145°	349	573	349	573	349	219
155°	394	493	394	493	394	181
165°	425	460	425	460	425	120
175°	442	445	442	445	442	42
180°	442	442	442	442	442	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0
2.5°	3159.7	3159.7	3177.5	3183.4	3183.4	3174.5	3165.7	3174.5	3201.2	3210.1	3207.1
5°	3147.9	3171.6	3204.2	3210.1	3216.0	3213.1	3207.1	3213.1	3242.7	3248.6	3251.6
7.5°	3124.2	3168.6	3210.1	3219.0	3227.9	3219.0	3216.0	3222.0	3251.6	3257.5	3257.5
10°	3094.5	3156.8	3204.2	3210.1	3219.0	3210.1	3210.1	3222.0	3251.6	3257.5	3260.5
12.5°	3053.0	3139.0	3183.4	3189.4	3201.2	3198.3	3195.3	3207.1	3236.8	3242.7	3242.7
15°	3005.6	3106.4	3147.9	3153.8	3174.5	3168.6	3168.6	3180.5	3213.1	3222.0	3219.0
17.5°	2940.4	3064.9	3112.3	3121.2	3136.0	3133.0	3136.0	3147.9	3177.5	3183.4	3186.4
20°	2866.3	3008.6	3064.9	3073.8	3088.6	3088.6	3088.6	3103.4	3133.0	3144.9	3144.9
22.5°	2765.5	2949.3	3008.6	3014.5	3032.3	3032.3	3038.2	3058.9	3085.6	3088.6	3088.6
25°	2647.0	2884.1	2934.5	2952.2	2970.0	2978.9	2987.8	2999.7	3008.6	3005.6	3008.6
27.5°	2522.4	2801.1	2866.3	2878.1	2901.9	2910.7	2922.6	2925.6	2928.5	2937.4	2931.5
30°	2383.1	2685.5	2783.3	2795.2	2833.7	2839.6	2827.8	2833.7	2848.5	2854.4	2860.4
32.5°	2226.0	2513.5	2697.3	2724.0	2759.6	2741.8	2738.8	2747.7	2771.4	2771.4	2777.4
35°	2012.6	2380.1	2617.3	2641.0	2667.7	2647.0	2658.8	2661.8	2676.6	2685.5	2682.5
37.5°	1778.4	2264.5	2534.2	2552.0	2572.8	2546.1	2563.9	2572.8	2584.6	2578.7	2578.7
40°	1570.9	2083.7	2436.4	2448.3	2466.0	2445.3	2463.1	2469.0	2474.9	2469.0	2466.0
42.5°	1416.8	1885.1	2332.7	2347.5	2335.6	2350.5	2356.4	2368.2	2359.3	2347.5	2347.5
45°	1298.2	1831.8	2220.0	2237.8	2220.0	2243.7	2252.6	2252.6	2226.0	2220.0	2217.1
47.5°	1259.7	1725.0	2107.4	2107.4	2098.5	2128.2	2143.0	2122.2	2095.5	2086.7	2086.7
50°	1256.7	1606.5	1953.3	1941.4	1982.9	2018.5	2003.7	1982.9	1962.2	1929.6	1929.6
52.5°	1141.1	1461.3	1754.7	1799.1	1864.4	1885.1	1861.4	1840.6	1805.1	1790.3	1778.4
55°	1058.1	1310.1	1573.9	1662.8	1731.0	1757.7	1713.2	1692.4	1639.1	1630.2	1624.3
57.5°	1040.4	1090.8	1407.9	1520.5	1603.5	1600.6	1573.9	1535.4	1490.9	1482.0	1479.0
60°	954.4	788.4	1230.1	1363.4	1449.4	1440.5	1416.8	1381.2	1339.7	1333.8	1327.9
62.5°	865.5	572.1	1028.5	1179.7	1301.2	1298.2	1277.5	1224.1	1194.5	1179.7	1167.8
65°	735.1	480.2	732.1	981.1	1156.0	1161.9	1117.4	1078.9	1046.3	1028.5	1025.5
67.5°	560.2	391.2	495.0	818.1	1016.7	1010.7	954.4	936.6	895.1	886.2	868.5
70°	415.0	260.8	343.8	663.9	880.3	865.5	821.0	800.3	761.7	741.0	729.1
72.5°	343.8	210.4	251.9	515.7	741.0	723.2	684.7	661.0	628.4	610.6	598.7
75°	278.6	222.3	192.7	382.4	601.7	589.8	554.3	530.6	503.9	480.2	483.1
77.5°	204.5	207.5	154.1	281.6	477.2	459.4	438.7	409.0	397.2	373.5	373.5
80°	154.1	163.0	115.6	192.7	343.8	343.8	326.0	305.3	284.5	272.7	272.7
82.5°	103.7	103.7	86.0	121.5	234.2	225.3	213.4	207.5	195.6	189.7	189.7
85°	47.4	59.3	53.4	74.1	127.5	133.4	133.4	127.5	124.5	118.6	121.5
87.5°	14.8	26.7	32.6	41.5	65.2	68.2	71.1	71.1	71.1	74.1	74.1
90°	3.0	5.3	7.7	8.3	13.0	19.4	22.5	20.1	15.0	11.3	11.3
92.5°	11.9	32.0	52.3	57.3	80.5	111.5	127.1	111.3	79.9	56.4	54.1
95°	28.5	65.4	102.4	111.6	198.2	313.7	371.4	331.4	251.4	191.5	184.7
97.5°	49.3	81.9	114.5	122.6	267.0	459.5	555.8	530.5	480.0	442.0	429.1
100°	65.3	94.8	124.4	131.8	292.1	505.7	612.5	614.3	618.0	620.8	605.3
102.5°	78.9	106.5	134.1	141.0	303.5	520.2	628.5	660.7	725.0	773.3	760.1
105°	102.2	125.5	148.8	154.6	312.0	521.8	626.7	698.8	843.2	951.4	944.3
107.5°	125.9	147.6	169.4	174.9	313.6	498.5	591.0	691.7	893.1	1044.1	1045.8
110°	141.9	161.5	181.2	186.1	311.2	478.0	561.4	673.9	899.0	1067.8	1075.2



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	157.7	176.4	195.1	199.8	311.3	460.0	534.4	649.6	879.9	1052.7	1064.1
115°	181.4	198.7	216.0	220.3	314.2	439.4	502.0	613.0	834.9	1001.3	1017.0
117.5°	204.8	220.5	236.2	240.2	320.0	426.5	479.8	580.0	780.2	930.4	947.9
120°	218.4	233.3	248.1	251.7	324.8	422.1	470.8	562.3	745.3	882.6	899.6
122.5°	231.9	246.8	261.6	265.4	331.6	419.8	464.0	546.4	711.2	834.8	851.5
125°	252.3	266.0	279.6	283.0	340.9	418.0	456.6	526.5	666.5	771.5	786.9
127.5°	268.9	282.7	296.4	299.9	350.0	416.9	450.3	510.4	630.6	720.7	733.8
130°	277.8	292.6	307.5	311.1	356.8	417.5	448.0	501.5	608.5	688.7	700.8
132.5°	287.1	301.8	316.7	320.3	362.2	418.0	445.9	493.8	589.6	661.5	672.2
135°	300.7	314.2	327.6	331.0	368.1	417.6	442.3	482.4	562.7	622.8	632.1
137.5°	314.7	328.0	341.3	344.6	377.0	420.2	441.7	475.6	543.4	594.3	601.9
140°	326.2	338.5	350.8	353.9	382.5	420.6	439.7	468.9	527.5	571.5	578.6
142.5°	335.1	346.5	357.9	360.7	387.0	422.1	439.7	465.3	516.8	555.5	561.6
145°	348.9	358.7	368.6	371.1	392.9	422.1	436.7	457.7	499.8	531.3	536.0
147.5°	362.5	372.1	381.8	384.1	401.6	425.0	436.7	453.3	486.4	511.2	515.0
150°	371.4	380.1	388.8	391.0	406.2	426.5	436.7	450.7	478.7	499.6	502.7
152.5°	380.6	387.2	393.7	395.4	409.1	427.5	436.7	448.7	472.6	490.4	492.8
155°	394.2	399.1	404.0	405.2	415.7	429.7	436.7	446.2	465.2	479.5	481.1
157.5°	404.3	409.0	413.9	415.1	422.3	431.9	436.7	444.1	458.8	469.9	471.0
160°	411.2	414.9	418.6	419.5	425.2	432.8	436.7	443.0	455.7	465.2	465.7
162.5°	418.0	420.8	423.6	424.2	428.4	433.9	436.7	442.0	452.7	460.7	461.3
165°	425.4	427.9	430.5	431.1	432.9	435.4	436.7	440.5	448.2	453.9	454.5
167.5°	432.2	433.4	434.6	434.9	436.5	438.6	439.7	442.1	447.2	450.9	451.2
170°	436.7	437.9	439.1	439.4	439.5	439.6	439.7	442.1	447.2	450.9	450.9
172.5°	439.1	439.4	439.6	439.7	439.7	439.7	439.7	441.6	445.6	448.6	448.4
175°	442.3	442.3	442.3	442.3	441.4	440.3	439.7	440.9	443.4	445.3	445.3
177.5°	442.3	442.3	442.3	442.3	441.6	440.7	440.3	441.2	443.2	444.7	444.4
180°	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0
2.5°	3213.1	3204.2	3213.1	3207.1	3210.1	3201.2	3174.5	3165.7	3174.5	3183.4	3183.4
5°	3251.6	3245.7	3251.6	3251.6	3248.6	3242.7	3213.1	3207.1	3213.1	3216.0	3210.1
7.5°	3263.5	3254.6	3263.5	3257.5	3257.5	3251.6	3222.0	3216.0	3219.0	3227.9	3219.0
10°	3263.5	3254.6	3263.5	3260.5	3257.5	3251.6	3222.0	3210.1	3210.1	3219.0	3210.1
12.5°	3248.6	3242.7	3248.6	3242.7	3242.7	3236.8	3207.1	3195.3	3198.3	3201.2	3189.4
15°	3224.9	3216.0	3224.9	3219.0	3222.0	3213.1	3180.5	3168.6	3168.6	3174.5	3153.8
17.5°	3189.4	3177.5	3189.4	3186.4	3183.4	3177.5	3147.9	3136.0	3133.0	3136.0	3121.2
20°	3147.9	3139.0	3147.9	3144.9	3144.9	3133.0	3103.4	3088.6	3088.6	3088.6	3073.8
22.5°	3082.7	3073.8	3082.7	3088.6	3088.6	3085.6	3058.9	3038.2	3032.3	3032.3	3014.5
25°	3008.6	2999.7	3008.6	3008.6	3005.6	3008.6	2999.7	2987.8	2978.9	2970.0	2952.2
27.5°	2937.4	2931.5	2937.4	2931.5	2937.4	2928.5	2925.6	2922.6	2910.7	2901.9	2878.1
30°	2866.3	2860.4	2866.3	2860.4	2854.4	2848.5	2833.7	2827.8	2839.6	2833.7	2795.2
32.5°	2777.4	2771.4	2777.4	2777.4	2771.4	2771.4	2747.7	2738.8	2741.8	2759.6	2724.0
35°	2685.5	2676.6	2685.5	2682.5	2685.5	2676.6	2661.8	2658.8	2647.0	2667.7	2641.0
37.5°	2578.7	2569.8	2578.7	2578.7	2578.7	2584.6	2572.8	2563.9	2546.1	2572.8	2552.0
40°	2469.0	2457.2	2469.0	2466.0	2469.0	2474.9	2469.0	2463.1	2445.3	2466.0	2448.3
42.5°	2344.5	2341.6	2344.5	2347.5	2347.5	2359.3	2368.2	2356.4	2350.5	2335.6	2347.5
45°	2211.1	2205.2	2211.1	2217.1	2220.0	2226.0	2252.6	2252.6	2243.7	2220.0	2237.8
47.5°	2068.9	2054.1	2068.9	2086.7	2086.7	2095.5	2122.2	2143.0	2128.2	2098.5	2107.4
50°	1917.7	1920.7	1917.7	1929.6	1929.6	1962.2	1982.9	2003.7	2018.5	1982.9	1941.4
52.5°	1769.5	1766.5	1769.5	1778.4	1790.3	1805.1	1840.6	1861.4	1885.1	1864.4	1799.1
55°	1621.3	1627.2	1621.3	1624.3	1630.2	1639.1	1692.4	1713.2	1757.7	1731.0	1662.8
57.5°	1473.1	1464.2	1473.1	1479.0	1482.0	1490.9	1535.4	1573.9	1600.6	1603.5	1520.5
60°	1301.2	1289.3	1301.2	1327.9	1333.8	1339.7	1381.2	1416.8	1440.5	1449.4	1363.4
62.5°	1150.0	1129.3	1150.0	1167.8	1179.7	1194.5	1224.1	1277.5	1298.2	1301.2	1179.7
65°	990.0	981.1	990.0	1025.5	1028.5	1046.3	1078.9	1117.4	1161.9	1156.0	981.1
67.5°	844.7	844.7	844.7	868.5	886.2	895.1	936.6	954.4	1010.7	1016.7	818.1
70°	711.4	708.4	711.4	729.1	741.0	761.7	800.3	821.0	865.5	880.3	663.9
72.5°	583.9	580.9	583.9	598.7	610.6	628.4	661.0	684.7	723.2	741.0	515.7
75°	471.3	465.3	471.3	483.1	480.2	503.9	530.6	554.3	589.8	601.7	382.4
77.5°	361.6	361.6	361.6	373.5	373.5	397.2	409.0	438.7	459.4	477.2	281.6
80°	269.7	266.8	269.7	272.7	272.7	284.5	305.3	326.0	343.8	343.8	192.7
82.5°	189.7	183.8	189.7	189.7	189.7	195.6	207.5	213.4	225.3	234.2	121.5
85°	118.6	118.6	118.6	121.5	118.6	124.5	127.5	133.4	133.4	127.5	74.1
87.5°	77.1	74.1	77.1	74.1	74.1	71.1	71.1	71.1	68.2	65.2	41.5
90°	11.3	11.3	11.3	11.3	11.3	15.0	20.1	22.5	19.4	13.0	8.3
92.5°	45.3	36.3	45.3	54.1	56.4	79.9	111.3	127.1	111.5	80.5	57.3
95°	157.5	130.3	157.5	184.7	191.5	251.4	331.4	371.4	313.7	198.2	111.6
97.5°	377.4	325.6	377.4	429.1	442.0	480.0	530.5	555.8	459.5	267.0	122.6
100°	543.8	482.1	543.8	605.3	620.8	618.0	614.3	612.5	505.7	292.1	131.8
102.5°	707.3	654.6	707.3	760.1	773.3	725.0	660.7	628.5	520.2	303.5	141.0
105°	916.0	887.6	916.0	944.3	951.4	843.2	698.8	626.7	521.8	312.0	154.6
107.5°	1052.7	1059.5	1052.7	1045.8	1044.1	893.1	691.7	591.0	498.5	313.6	174.9
110°	1104.8	1134.3	1104.8	1075.2	1067.8	899.0	673.9	561.4	478.0	311.2	186.1





TEST NUMBER: P933917

CATALOG NUMBER: SQ4-FA-025U-075D-840-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1109.4	1154.8	1109.4	1064.1	1052.7	879.9	649.6	534.4	460.0	311.3	199.8
115°	1080.0	1142.9	1080.0	1017.0	1001.3	834.9	613.0	502.0	439.4	314.2	220.3
117.5°	1017.6	1087.4	1017.6	947.9	930.4	780.2	580.0	479.8	426.5	320.0	240.2
120°	967.4	1035.1	967.4	899.6	882.6	745.3	562.3	470.8	422.1	324.8	251.7
122.5°	918.4	985.3	918.4	851.5	834.8	711.2	546.4	464.0	419.8	331.6	265.4
125°	848.5	910.1	848.5	786.9	771.5	666.5	526.5	456.6	418.0	340.9	283.0
127.5°	785.8	837.7	785.8	733.8	720.7	630.6	510.4	450.3	416.9	350.0	299.9
130°	748.8	796.8	748.8	700.8	688.7	608.5	501.5	448.0	417.5	356.8	311.1
132.5°	715.2	758.2	715.2	672.2	661.5	589.6	493.8	445.9	418.0	362.2	320.3
135°	669.2	706.2	669.2	632.1	622.8	562.7	482.4	442.3	417.6	368.1	331.0
137.5°	632.2	662.7	632.2	601.9	594.3	543.4	475.6	441.7	420.2	377.0	344.6
140°	606.9	635.3	606.9	578.6	571.5	527.5	468.9	439.7	420.6	382.5	353.9
142.5°	586.0	610.4	586.0	561.6	555.5	516.8	465.3	439.7	422.1	387.0	360.7
145°	554.5	572.9	554.5	536.0	531.3	499.8	457.7	436.7	422.1	392.9	371.1
147.5°	530.4	545.7	530.4	515.0	511.2	486.4	453.3	436.7	425.0	401.6	384.1
150°	515.1	527.5	515.1	502.7	499.6	478.7	450.7	436.7	426.5	406.2	391.0
152.5°	502.1	511.5	502.1	492.8	490.4	472.6	448.7	436.7	427.5	409.1	395.4
155°	487.2	493.4	487.2	481.1	479.5	465.2	446.2	436.7	429.7	415.7	405.2
157.5°	475.4	479.8	475.4	471.0	469.9	458.8	444.1	436.7	431.9	422.3	415.1
160°	468.3	470.8	468.3	465.7	465.2	455.7	443.0	436.7	432.8	425.2	419.5
162.5°	463.7	466.0	463.7	461.3	460.7	452.7	442.0	436.7	433.9	428.4	424.2
165°	457.0	459.5	457.0	454.5	453.9	448.2	440.5	436.7	435.4	432.9	431.1
167.5°	452.2	453.3	452.2	451.2	450.9	447.2	442.1	439.7	438.6	436.5	434.9
170°	450.9	450.9	450.9	450.9	450.9	447.2	442.1	439.7	439.6	439.5	439.4
172.5°	447.4	446.5	447.4	448.4	448.6	445.6	441.6	439.7	439.7	439.7	439.7
175°	445.3	445.3	445.3	445.3	445.3	443.4	440.9	439.7	440.3	441.4	442.3
177.5°	443.4	442.3	443.4	444.4	444.7	443.2	441.2	440.3	440.7	441.6	442.3
180°	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3



TEST NUMBER: P933917

CATALOG NUMBER: SQ4-FA-025U-075D-840-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0
2.5°	3177.5	3159.7	3159.7	3130.1	3118.2	3109.3	3094.5	3050.1	3038.2	3026.3	3044.1
5°	3204.2	3171.6	3147.9	3094.5	3050.1	3032.3	2976.0	2869.3	2798.1	2744.8	2715.1
7.5°	3210.1	3168.6	3124.2	3041.2	2934.5	2887.0	2715.1	2519.4	2466.0	2418.6	2389.0
10°	3204.2	3156.8	3094.5	2970.0	2718.1	2635.1	2463.1	2335.6	2303.0	2294.1	2303.0
12.5°	3183.4	3139.0	3053.0	2845.5	2492.7	2436.4	2335.6	2261.5	2255.6	2270.4	2350.5
15°	3147.9	3106.4	3005.6	2679.6	2368.2	2326.7	2255.6	2228.9	2261.5	2365.3	2605.4
17.5°	3112.3	3064.9	2940.4	2516.4	2273.4	2243.7	2193.4	2246.7	2430.5	2569.8	2649.9
20°	3064.9	3008.6	2866.3	2397.9	2205.2	2178.5	2154.8	2394.9	2534.2	2584.6	2629.2
22.5°	3008.6	2949.3	2765.5	2314.9	2134.1	2113.3	2128.2	2477.9	2534.2	2569.8	2608.3
25°	2934.5	2884.1	2647.0	2249.7	2077.8	2054.1	2110.4	2469.0	2501.6	2510.5	2587.6
27.5°	2866.3	2801.1	2522.4	2190.4	2009.6	2000.7	2125.2	2430.5	2454.2	2463.1	2546.1
30°	2783.3	2685.5	2383.1	2128.2	1938.5	1935.5	2128.2	2383.1	2377.1	2400.8	2483.8
32.5°	2697.3	2513.5	2226.0	2051.1	1870.3	1867.3	2107.4	2311.9	2306.0	2338.6	2400.8
35°	2617.3	2380.1	2012.6	1962.2	1784.3	1787.3	2057.0	2228.9	2231.9	2261.5	2300.1
37.5°	2534.2	2264.5	1778.4	1864.4	1701.3	1701.3	1988.8	2151.9	2145.9	2154.8	2208.2
40°	2436.4	2083.7	1570.9	1736.9	1624.3	1615.4	1905.9	2068.9	2048.1	2045.2	2119.3
42.5°	2332.7	1885.1	1416.8	1568.0	1535.4	1523.5	1805.1	1968.1	1929.6	1938.5	2033.3
45°	2220.0	1831.8	1298.2	1324.9	1443.5	1434.6	1695.4	1852.5	1825.8	1849.5	1947.3
47.5°	2107.4	1725.0	1259.7	1099.6	1345.7	1342.7	1573.9	1739.9	1725.0	1748.8	1852.5
50°	1953.3	1606.5	1256.7	942.6	1236.0	1247.8	1428.6	1630.2	1630.2	1650.9	1760.6
52.5°	1754.7	1461.3	1141.1	853.6	1108.5	1144.1	1301.2	1535.4	1541.3	1562.0	1659.8
55°	1573.9	1310.1	1058.1	785.5	957.4	1034.4	1176.7	1437.5	1449.4	1470.1	1559.1
57.5°	1407.9	1090.8	1040.4	705.4	818.1	892.2	1067.0	1342.7	1348.6	1366.4	1452.4
60°	1230.1	788.4	954.4	619.5	696.5	752.9	966.3	1230.1	1250.8	1262.7	1336.8
62.5°	1028.5	572.1	865.5	560.2	637.3	649.1	883.3	1123.4	1150.0	1158.9	1203.4
65°	732.1	480.2	735.1	509.8	575.0	578.0	794.4	1013.7	1037.4	1052.2	1084.8
67.5°	495.0	391.2	560.2	462.4	527.6	530.6	708.4	886.2	918.8	930.7	951.4
70°	343.8	260.8	415.0	412.0	474.2	480.2	616.5	770.6	800.3	809.2	821.0
72.5°	251.9	210.4	343.8	370.5	417.9	423.9	521.7	640.2	669.9	678.8	684.7
75°	192.7	222.3	278.6	323.1	355.7	358.6	426.8	521.7	542.4	548.3	551.3
77.5°	154.1	207.5	204.5	260.8	290.5	284.5	334.9	403.1	420.9	420.9	420.9
80°	115.6	163.0	154.1	186.7	213.4	207.5	240.1	287.5	293.4	299.4	296.4
82.5°	86.0	103.7	103.7	118.6	142.3	136.3	160.1	186.7	186.7	186.7	192.7
85°	53.4	59.3	47.4	62.2	80.0	77.1	88.9	100.8	103.7	103.7	97.8
87.5°	32.6	26.7	14.8	23.7	35.6	35.6	41.5	44.5	41.5	41.5	41.5
90°	7.7	5.3	3.0	5.3	7.7	8.3	13.0	19.4	22.5	20.1	15.0
92.5°	52.3	32.0	11.9	32.0	52.3	57.3	80.5	111.5	127.1	111.3	79.9
95°	102.4	65.4	28.5	65.4	102.4	111.6	198.2	313.7	371.4	331.4	251.4
97.5°	114.5	81.9	49.3	81.9	114.5	122.6	267.0	459.5	555.8	530.5	480.0
100°	124.4	94.8	65.3	94.8	124.4	131.8	292.1	505.7	612.5	614.3	618.0
102.5°	134.1	106.5	78.9	106.5	134.1	141.0	303.5	520.2	628.5	660.7	725.0
105°	148.8	125.5	102.2	125.5	148.8	154.6	312.0	521.8	626.7	698.8	843.2
107.5°	169.4	147.6	125.9	147.6	169.4	174.9	313.6	498.5	591.0	691.7	893.1
110°	181.2	161.5	141.9	161.5	181.2	186.1	311.2	478.0	561.4	673.9	899.0



TEST NUMBER: P933917

CATALOG NUMBER: SQ4-FA-025U-075D-840-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	195.1	176.4	157.7	176.4	195.1	199.8	311.3	460.0	534.4	649.6	879.9
115°	216.0	198.7	181.4	198.7	216.0	220.3	314.2	439.4	502.0	613.0	834.9
117.5°	236.2	220.5	204.8	220.5	236.2	240.2	320.0	426.5	479.8	580.0	780.2
120°	248.1	233.3	218.4	233.3	248.1	251.7	324.8	422.1	470.8	562.3	745.3
122.5°	261.6	246.8	231.9	246.8	261.6	265.4	331.6	419.8	464.0	546.4	711.2
125°	279.6	266.0	252.3	266.0	279.6	283.0	340.9	418.0	456.6	526.5	666.5
127.5°	296.4	282.7	268.9	282.7	296.4	299.9	350.0	416.9	450.3	510.4	630.6
130°	307.5	292.6	277.8	292.6	307.5	311.1	356.8	417.5	448.0	501.5	608.5
132.5°	316.7	301.8	287.1	301.8	316.7	320.3	362.2	418.0	445.9	493.8	589.6
135°	327.6	314.2	300.7	314.2	327.6	331.0	368.1	417.6	442.3	482.4	562.7
137.5°	341.3	328.0	314.7	328.0	341.3	344.6	377.0	420.2	441.7	475.6	543.4
140°	350.8	338.5	326.2	338.5	350.8	353.9	382.5	420.6	439.7	468.9	527.5
142.5°	357.9	346.5	335.1	346.5	357.9	360.7	387.0	422.1	439.7	465.3	516.8
145°	368.6	358.7	348.9	358.7	368.6	371.1	392.9	422.1	436.7	457.7	499.8
147.5°	381.8	372.1	362.5	372.1	381.8	384.1	401.6	425.0	436.7	453.3	486.4
150°	388.8	380.1	371.4	380.1	388.8	391.0	406.2	426.5	436.7	450.7	478.7
152.5°	393.7	387.2	380.6	387.2	393.7	395.4	409.1	427.5	436.7	448.7	472.6
155°	404.0	399.1	394.2	399.1	404.0	405.2	415.7	429.7	436.7	446.2	465.2
157.5°	413.9	409.0	404.3	409.0	413.9	415.1	422.3	431.9	436.7	444.1	458.8
160°	418.6	414.9	411.2	414.9	418.6	419.5	425.2	432.8	436.7	443.0	455.7
162.5°	423.6	420.8	418.0	420.8	423.6	424.2	428.4	433.9	436.7	442.0	452.7
165°	430.5	427.9	425.4	427.9	430.5	431.1	432.9	435.4	436.7	440.5	448.2
167.5°	434.6	433.4	432.2	433.4	434.6	434.9	436.5	438.6	439.7	442.1	447.2
170°	439.1	437.9	436.7	437.9	439.1	439.4	439.5	439.6	439.7	442.1	447.2
172.5°	439.6	439.4	439.1	439.4	439.6	439.7	439.7	439.7	439.7	441.6	445.6
175°	442.3	442.3	442.3	442.3	442.3	442.3	441.4	440.3	439.7	440.9	443.4
177.5°	442.3	442.3	442.3	442.3	442.3	442.3	441.6	440.7	440.3	441.2	443.2
180°	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3



TEST NUMBER: P933917

CATALOG NUMBER: SQ4-FA-025U-075D-840-1D-UNV-STD-W-12

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0	3133.0
2.5°	3023.4	3014.5	3026.3	2993.7	3026.3	3014.5	3023.4	3044.1	3026.3	3038.2	3050.1
5°	2652.9	2638.1	2590.5	2552.0	2590.5	2638.1	2652.9	2715.1	2744.8	2798.1	2869.3
7.5°	2371.2	2359.3	2347.5	2323.8	2347.5	2359.3	2371.2	2389.0	2418.6	2466.0	2519.4
10°	2309.0	2311.9	2329.7	2326.7	2329.7	2311.9	2309.0	2303.0	2294.1	2303.0	2335.6
12.5°	2469.0	2495.7	2593.5	2587.6	2593.5	2495.7	2469.0	2350.5	2270.4	2255.6	2261.5
15°	2652.9	2661.8	2682.5	2685.5	2682.5	2661.8	2652.9	2605.4	2365.3	2261.5	2228.9
17.5°	2670.7	2673.6	2688.4	2688.4	2688.4	2673.6	2670.7	2649.9	2569.8	2430.5	2246.7
20°	2655.8	2661.8	2691.4	2697.3	2691.4	2661.8	2655.8	2629.2	2584.6	2534.2	2394.9
22.5°	2649.9	2661.8	2685.5	2682.5	2685.5	2661.8	2649.9	2608.3	2569.8	2534.2	2477.9
25°	2620.3	2620.3	2623.2	2626.2	2623.2	2620.3	2620.3	2587.6	2510.5	2501.6	2469.0
27.5°	2557.9	2563.9	2581.6	2578.7	2581.6	2563.9	2557.9	2546.1	2463.1	2454.2	2430.5
30°	2501.6	2495.7	2480.9	2469.0	2480.9	2495.7	2501.6	2483.8	2400.8	2377.1	2383.1
32.5°	2406.8	2391.9	2377.1	2368.2	2377.1	2391.9	2406.8	2400.8	2338.6	2306.0	2311.9
35°	2294.1	2297.1	2294.1	2285.2	2294.1	2297.1	2294.1	2300.1	2261.5	2231.9	2228.9
37.5°	2214.1	2220.0	2217.1	2205.2	2217.1	2220.0	2214.1	2208.2	2154.8	2145.9	2151.9
40°	2131.1	2134.1	2131.1	2122.2	2131.1	2134.1	2131.1	2119.3	2045.2	2048.1	2068.9
42.5°	2051.1	2048.1	2039.2	2033.3	2039.2	2048.1	2051.1	2033.3	1938.5	1929.6	1968.1
45°	1959.2	1962.2	1944.4	1935.5	1944.4	1962.2	1959.2	1947.3	1849.5	1825.8	1852.5
47.5°	1867.3	1867.3	1852.5	1843.6	1852.5	1867.3	1867.3	1852.5	1748.8	1725.0	1739.9
50°	1769.5	1766.5	1745.8	1742.8	1745.8	1766.5	1769.5	1760.6	1650.9	1630.2	1630.2
52.5°	1656.9	1656.9	1659.8	1665.8	1659.8	1656.9	1656.9	1659.8	1562.0	1541.3	1535.4
55°	1559.1	1562.0	1582.8	1588.7	1582.8	1562.0	1559.1	1559.1	1470.1	1449.4	1437.5
57.5°	1458.3	1458.3	1473.1	1473.1	1473.1	1458.3	1458.3	1452.4	1366.4	1348.6	1342.7
60°	1342.7	1348.6	1360.5	1357.5	1360.5	1348.6	1342.7	1336.8	1262.7	1250.8	1230.1
62.5°	1221.2	1227.1	1230.1	1224.1	1230.1	1227.1	1221.2	1203.4	1158.9	1150.0	1123.4
65°	1093.7	1099.6	1102.6	1096.7	1102.6	1099.6	1093.7	1084.8	1052.2	1037.4	1013.7
67.5°	963.3	960.3	957.4	969.2	957.4	960.3	963.3	951.4	930.7	918.8	886.2
70°	829.9	829.9	827.0	832.9	827.0	829.9	829.9	821.0	809.2	800.3	770.6
72.5°	687.6	684.7	696.5	687.6	696.5	684.7	687.6	684.7	678.8	669.9	640.2
75°	548.3	554.3	548.3	557.2	548.3	554.3	548.3	551.3	548.3	542.4	521.7
77.5°	417.9	423.9	417.9	417.9	417.9	423.9	417.9	420.9	420.9	420.9	403.1
80°	296.4	293.4	293.4	290.5	293.4	293.4	296.4	296.4	299.4	293.4	287.5
82.5°	189.7	186.7	186.7	192.7	186.7	186.7	189.7	192.7	186.7	186.7	186.7
85°	103.7	106.7	100.8	100.8	100.8	106.7	103.7	97.8	103.7	103.7	100.8
87.5°	38.5	35.6	35.6	35.6	35.6	35.6	38.5	41.5	41.5	41.5	44.5
90°	11.3	11.3	11.3	11.3	11.3	11.3	11.3	15.0	20.1	22.5	19.4
92.5°	56.4	54.1	45.3	36.3	45.3	54.1	56.4	79.9	111.3	127.1	111.5
95°	191.5	184.7	157.5	130.3	157.5	184.7	191.5	251.4	331.4	371.4	313.7
97.5°	442.0	429.1	377.4	325.6	377.4	429.1	442.0	480.0	530.5	555.8	459.5
100°	620.8	605.3	543.8	482.1	543.8	605.3	620.8	618.0	614.3	612.5	505.7
102.5°	773.3	760.1	707.3	654.6	707.3	760.1	773.3	725.0	660.7	628.5	520.2
105°	951.4	944.3	916.0	887.6	916.0	944.3	951.4	843.2	698.8	626.7	521.8
107.5°	1044.1	1045.8	1052.7	1059.5	1052.7	1045.8	1044.1	893.1	691.7	591.0	498.5
110°	1067.8	1075.2	1104.8	1134.3	1104.8	1075.2	1067.8	899.0	673.9	561.4	478.0



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1052.7	1064.1	1109.4	1154.8	1109.4	1064.1	1052.7	879.9	649.6	534.4	460.0
115°	1001.3	1017.0	1080.0	1142.9	1080.0	1017.0	1001.3	834.9	613.0	502.0	439.4
117.5°	930.4	947.9	1017.6	1087.4	1017.6	947.9	930.4	780.2	580.0	479.8	426.5
120°	882.6	899.6	967.4	1035.1	967.4	899.6	882.6	745.3	562.3	470.8	422.1
122.5°	834.8	851.5	918.4	985.3	918.4	851.5	834.8	711.2	546.4	464.0	419.8
125°	771.5	786.9	848.5	910.1	848.5	786.9	771.5	666.5	526.5	456.6	418.0
127.5°	720.7	733.8	785.8	837.7	785.8	733.8	720.7	630.6	510.4	450.3	416.9
130°	688.7	700.8	748.8	796.8	748.8	700.8	688.7	608.5	501.5	448.0	417.5
132.5°	661.5	672.2	715.2	758.2	715.2	672.2	661.5	589.6	493.8	445.9	418.0
135°	622.8	632.1	669.2	706.2	669.2	632.1	622.8	562.7	482.4	442.3	417.6
137.5°	594.3	601.9	632.2	662.7	632.2	601.9	594.3	543.4	475.6	441.7	420.2
140°	571.5	578.6	606.9	635.3	606.9	578.6	571.5	527.5	468.9	439.7	420.6
142.5°	555.5	561.6	586.0	610.4	586.0	561.6	555.5	516.8	465.3	439.7	422.1
145°	531.3	536.0	554.5	572.9	554.5	536.0	531.3	499.8	457.7	436.7	422.1
147.5°	511.2	515.0	530.4	545.7	530.4	515.0	511.2	486.4	453.3	436.7	425.0
150°	499.6	502.7	515.1	527.5	515.1	502.7	499.6	478.7	450.7	436.7	426.5
152.5°	490.4	492.8	502.1	511.5	502.1	492.8	490.4	472.6	448.7	436.7	427.5
155°	479.5	481.1	487.2	493.4	487.2	481.1	479.5	465.2	446.2	436.7	429.7
157.5°	469.9	471.0	475.4	479.8	475.4	471.0	469.9	458.8	444.1	436.7	431.9
160°	465.2	465.7	468.3	470.8	468.3	465.7	465.2	455.7	443.0	436.7	432.8
162.5°	460.7	461.3	463.7	466.0	463.7	461.3	460.7	452.7	442.0	436.7	433.9
165°	453.9	454.5	457.0	459.5	457.0	454.5	453.9	448.2	440.5	436.7	435.4
167.5°	450.9	451.2	452.2	453.3	452.2	451.2	450.9	447.2	442.1	439.7	438.6
170°	450.9	450.9	450.9	450.9	450.9	450.9	450.9	447.2	442.1	439.7	439.6
172.5°	448.6	448.4	447.4	446.5	447.4	448.4	448.6	445.6	441.6	439.7	439.7
175°	445.3	445.3	445.3	445.3	445.3	445.3	445.3	443.4	440.9	439.7	440.3
177.5°	444.7	444.4	443.4	442.3	443.4	444.4	444.7	443.2	441.2	440.3	440.7
180°	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3	442.3



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3133.0	3133.0	3133.0	3133.0	3133.0
2.5°	3094.5	3109.3	3118.2	3130.1	3159.7
5°	2976.0	3032.3	3050.1	3094.5	3147.9
7.5°	2715.1	2887.0	2934.5	3041.2	3124.2
10°	2463.1	2635.1	2718.1	2970.0	3094.5
12.5°	2335.6	2436.4	2492.7	2845.5	3053.0
15°	2255.6	2326.7	2368.2	2679.6	3005.6
17.5°	2193.4	2243.7	2273.4	2516.4	2940.4
20°	2154.8	2178.5	2205.2	2397.9	2866.3
22.5°	2128.2	2113.3	2134.1	2314.9	2765.5
25°	2110.4	2054.1	2077.8	2249.7	2647.0
27.5°	2125.2	2000.7	2009.6	2190.4	2522.4
30°	2128.2	1935.5	1938.5	2128.2	2383.1
32.5°	2107.4	1867.3	1870.3	2051.1	2226.0
35°	2057.0	1787.3	1784.3	1962.2	2012.6
37.5°	1988.8	1701.3	1701.3	1864.4	1778.4
40°	1905.9	1615.4	1624.3	1736.9	1570.9
42.5°	1805.1	1523.5	1535.4	1568.0	1416.8
45°	1695.4	1434.6	1443.5	1324.9	1298.2
47.5°	1573.9	1342.7	1345.7	1099.6	1259.7
50°	1428.6	1247.8	1236.0	942.6	1256.7
52.5°	1301.2	1144.1	1108.5	853.6	1141.1
55°	1176.7	1034.4	957.4	785.5	1058.1
57.5°	1067.0	892.2	818.1	705.4	1040.4
60°	966.3	752.9	696.5	619.5	954.4
62.5°	883.3	649.1	637.3	560.2	865.5
65°	794.4	578.0	575.0	509.8	735.1
67.5°	708.4	530.6	527.6	462.4	560.2
70°	616.5	480.2	474.2	412.0	415.0
72.5°	521.7	423.9	417.9	370.5	343.8
75°	426.8	358.6	355.7	323.1	278.6
77.5°	334.9	284.5	290.5	260.8	204.5
80°	240.1	207.5	213.4	186.7	154.1
82.5°	160.1	136.3	142.3	118.6	103.7
85°	88.9	77.1	80.0	62.2	47.4
87.5°	41.5	35.6	35.6	23.7	14.8
90°	13.0	8.3	7.7	5.3	3.0
92.5°	80.5	57.3	52.3	32.0	11.9
95°	198.2	111.6	102.4	65.4	28.5
97.5°	267.0	122.6	114.5	81.9	49.3
100°	292.1	131.8	124.4	94.8	65.3
102.5°	303.5	141.0	134.1	106.5	78.9
105°	312.0	154.6	148.8	125.5	102.2
107.5°	313.6	174.9	169.4	147.6	125.9
110°	311.2	186.1	181.2	161.5	141.9



TEST NUMBER: P933917

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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	311.3	199.8	195.1	176.4	157.7
115°	314.2	220.3	216.0	198.7	181.4
117.5°	320.0	240.2	236.2	220.5	204.8
120°	324.8	251.7	248.1	233.3	218.4
122.5°	331.6	265.4	261.6	246.8	231.9
125°	340.9	283.0	279.6	266.0	252.3
127.5°	350.0	299.9	296.4	282.7	268.9
130°	356.8	311.1	307.5	292.6	277.8
132.5°	362.2	320.3	316.7	301.8	287.1
135°	368.1	331.0	327.6	314.2	300.7
137.5°	377.0	344.6	341.3	328.0	314.7
140°	382.5	353.9	350.8	338.5	326.2
142.5°	387.0	360.7	357.9	346.5	335.1
145°	392.9	371.1	368.6	358.7	348.9
147.5°	401.6	384.1	381.8	372.1	362.5
150°	406.2	391.0	388.8	380.1	371.4
152.5°	409.1	395.4	393.7	387.2	380.6
155°	415.7	405.2	404.0	399.1	394.2
157.5°	422.3	415.1	413.9	409.0	404.3
160°	425.2	419.5	418.6	414.9	411.2
162.5°	428.4	424.2	423.6	420.8	418.0
165°	432.9	431.1	430.5	427.9	425.4
167.5°	436.5	434.9	434.6	433.4	432.2
170°	439.5	439.4	439.1	437.9	436.7
172.5°	439.7	439.7	439.6	439.4	439.1
175°	441.4	442.3	442.3	442.3	442.3
177.5°	441.6	442.3	442.3	442.3	442.3
180°	442.3	442.3	442.3	442.3	442.3



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**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.67	15.79	15.39	16.54	17.42	17.52	18.65	18.24	19.39	20.27
	3H	15.16	16.18	15.90	16.93	17.84	18.89	19.90	19.63	20.65	21.57
	4H	15.37	16.32	16.12	17.08	18.01	19.35	20.31	20.10	21.07	21.99
	6H	15.50	16.38	16.27	17.15	18.09	19.66	20.54	20.42	21.31	22.25
	8H	15.51	16.35	16.28	17.14	18.08	19.74	20.58	20.52	21.37	22.31
	12H	15.49	16.29	16.27	17.07	18.04	19.79	20.59	20.57	21.38	22.35
4H	2H	15.74	16.69	16.49	17.45	18.38	17.96	18.91	18.72	19.67	20.60
	3H	16.79	17.58	17.56	18.38	19.33	19.50	20.29	20.26	21.09	22.03
	4H	17.08	17.80	17.86	18.60	19.57	20.04	20.76	20.82	21.56	22.53
	6H	17.22	17.84	18.02	18.66	19.64	20.43	21.05	21.23	21.87	22.85
	8H	17.23	17.81	18.03	18.63	19.62	20.54	21.13	21.35	21.94	22.93
	12H	17.21	17.73	18.03	18.57	19.57	20.61	21.14	21.44	21.98	22.98
8H	4H	17.55	18.14	18.36	18.96	19.95	20.18	20.77	20.99	21.59	22.58
	6H	17.83	18.31	18.66	19.17	20.16	20.64	21.12	21.47	21.98	22.97
	8H	17.87	18.30	18.72	19.16	20.17	20.80	21.23	21.64	22.08	23.09
	12H	17.87	18.25	18.72	19.09	20.16	20.91	21.29	21.76	22.14	23.20
12H	4H	17.57	18.10	18.40	18.94	19.94	20.16	20.69	20.99	21.53	22.52
	6H	17.89	18.32	18.74	19.18	20.19	20.64	21.07	21.48	21.92	22.93
	8H	17.97	18.35	18.82	19.20	20.26	20.81	21.19	21.66	22.04	23.11