

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: P935927

Luminaire Tested: SQ4-FA-150U-075D-92765-1D-UNV-STD-W-12-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935927
REPORT IS A COMBINATION OF REPORTS P933773 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-075D-92765-1D-UNV-STD-W-12-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

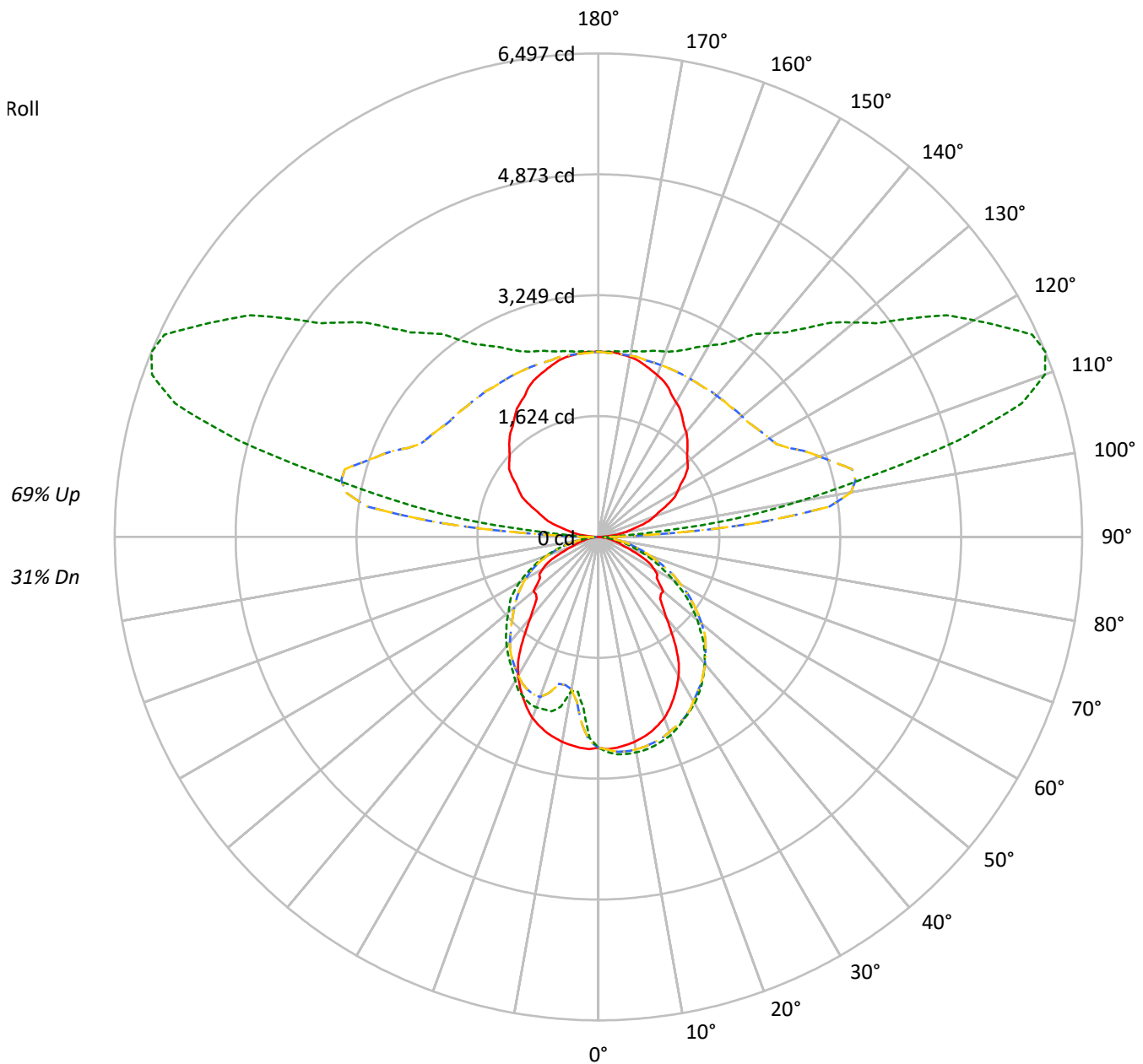
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23481.2 lumens
Efficiency: N/A
Efficacy: 123.1 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-Indirect

Input Watts (W): 190.8
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	0
RCR																		
0	103	103	103	103	92	92	92	92	73	73	73	55	55	55	39	39	39	31
1	94	89	86	82	84	81	77	75	64	62	60	49	47	46	34	34	33	26
2	85	78	72	67	76	70	65	61	56	52	49	43	40	38	30	29	28	22
3	78	69	61	56	70	62	56	51	49	45	42	38	35	32	27	25	24	19
4	71	61	53	47	64	55	48	43	44	39	35	33	30	28	24	22	20	16
5	65	54	46	40	58	49	42	37	39	34	30	30	27	24	22	19	18	14
6	60	48	40	35	54	44	37	32	35	30	26	27	23	21	19	17	15	12
7	55	43	36	30	49	39	33	28	32	27	23	24	21	18	18	15	14	11
8	51	39	32	27	46	36	29	24	29	24	20	22	19	16	16	14	12	10
9	47	36	28	23	43	32	26	22	26	21	18	20	17	14	15	13	11	9
10	44	33	26	21	40	30	23	19	24	19	16	19	15	13	14	12	10	8

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8755	8755	8755	8755
5°	8824	8838	8824	6949
10°	8768	8706	8768	6224
15°	8676	8517	8676	7112
20°	8498	8294	8498	7127
25°	8130	7968	8130	6976
30°	7653	7697	7653	6644
35°	6826	7355	6826	6280
40°	5691	6952	5691	6004
45°	5088	6480	5088	5688
50°	5410	5918	5410	5370
55°	5095	5312	5095	5186
60°	5258	4512	5258	4750
65°	4775	3730	4775	4169
70°	3315	2972	3315	3495
75°	2917	2197	2917	2631
80°	2368	1452	2368	1581
85°	1387	769	1387	654

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7793 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	255.5	1.1
10°-20°	725.5	3.1
20°-30°	1121.4	4.8
30°-40°	1338.7	5.7
40°-50°	1346.6	5.7
50°-60°	1171.7	5.0
60°-70°	830.7	3.5
70°-80°	439.5	1.9
80°-90°	119.0	0.5
90°-100°	1213.1	5.2
100°-110°	3189.2	13.6
110°-120°	3306.9	14.1
120°-130°	2652.5	11.3
130°-140°	2081.3	8.9
140°-150°	1597.5	6.8
150°-160°	1150.4	4.9
160°-170°	703.9	3.0
170°-180°	237.8	1.0
0°-30°	2102.4	9.0
0°-40°	3441.1	14.7
0°-60°	5959.3	25.4
0°-90°	7348.5	31.3
90°-120°	7709.2	32.8
90°-150°	14040.5	59.8
90°-180°	16133.0	68.7
0°-180°	23481.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2831	2831	2831	2831	2831	
5°	2844	2932	2844	2306	2844	270
15°	2715	2906	2715	2426	2715	764
25°	2391	2710	2391	2373	2391	1098
35°	1818	2418	1818	2065	1818	1125
45°	1173	1992	1173	1749	1173	940
55°	956	1470	956	1435	956	878
65°	664	886	664	991	664	635
75°	252	420	252	503	252	265
85°	43	107	43	91	43	58
90°	17	64	17	64	17	16
95°	160	733	160	733	160	178
105°	575	4994	575	4994	575	609
115°	1020	6430	1020	6430	1020	1008
125°	1420	5121	1420	5121	1420	1260
135°	1692	3973	1692	3973	1692	1309
145°	1962	3224	1962	3224	1962	1229
155°	2218	2776	2218	2776	2218	1019
165°	2393	2586	2393	2586	2393	675
175°	2489	2505	2489	2505	2489	236
180°	2489	2489	2489	2489	2489	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6
2.5°	2854.7	2854.7	2870.8	2876.1	2876.1	2868.1	2860.0	2868.1	2892.2	2900.2	2897.5
5°	2844.0	2865.4	2894.9	2900.2	2905.6	2902.9	2897.5	2902.9	2929.7	2935.0	2937.7
7.5°	2822.6	2862.7	2900.2	2908.2	2916.3	2908.2	2905.6	2910.9	2937.7	2943.1	2943.1
10°	2795.8	2852.0	2894.9	2900.2	2908.2	2900.2	2900.2	2910.9	2937.7	2943.1	2945.7
12.5°	2758.3	2835.9	2876.1	2881.5	2892.2	2889.5	2886.8	2897.5	2924.3	2929.7	2929.7
15°	2715.4	2806.5	2844.0	2849.3	2868.1	2862.7	2862.7	2873.4	2902.9	2910.9	2908.2
17.5°	2656.5	2769.0	2811.8	2819.9	2833.3	2830.6	2833.3	2844.0	2870.8	2876.1	2878.8
20°	2589.6	2718.1	2769.0	2777.0	2790.4	2790.4	2790.4	2803.8	2830.6	2841.3	2841.3
22.5°	2498.5	2664.6	2718.1	2723.5	2739.5	2739.5	2744.9	2763.6	2787.7	2790.4	2790.4
25°	2391.4	2605.6	2651.2	2667.2	2683.3	2691.3	2699.4	2710.1	2718.1	2715.4	2718.1
27.5°	2278.9	2530.7	2589.6	2600.3	2621.7	2629.7	2640.5	2643.1	2645.8	2653.8	2648.5
30°	2153.0	2426.2	2514.6	2525.3	2560.1	2565.5	2554.8	2560.1	2573.5	2578.9	2584.2
32.5°	2011.1	2270.8	2436.9	2461.0	2493.2	2477.1	2474.4	2482.5	2503.9	2503.9	2509.2
35°	1818.3	2150.3	2364.6	2386.1	2410.2	2391.4	2402.1	2404.8	2418.2	2426.2	2423.6
37.5°	1606.7	2045.9	2289.6	2305.6	2324.4	2300.3	2316.3	2324.4	2335.1	2329.7	2329.7
40°	1419.3	1882.5	2201.2	2211.9	2228.0	2209.2	2225.3	2230.7	2236.0	2230.7	2228.0
42.5°	1280.0	1703.1	2107.5	2120.9	2110.2	2123.5	2128.9	2139.6	2131.6	2120.9	2120.9
45°	1172.9	1654.9	2005.7	2021.8	2005.7	2027.1	2035.2	2035.2	2011.1	2005.7	2003.0
47.5°	1138.1	1558.5	1904.0	1904.0	1895.9	1922.7	1936.1	1917.3	1893.2	1885.2	1885.2
50°	1135.4	1451.4	1764.7	1754.0	1791.5	1823.6	1810.2	1791.5	1772.7	1743.3	1743.3
52.5°	1031.0	1320.2	1585.3	1625.5	1684.4	1703.1	1681.7	1663.0	1630.8	1617.4	1606.7
55°	956.0	1183.6	1421.9	1502.3	1563.9	1588.0	1547.8	1529.1	1480.9	1472.8	1467.5
57.5°	939.9	985.5	1272.0	1373.7	1448.7	1446.0	1421.9	1387.1	1347.0	1338.9	1336.3
60°	862.3	712.3	1111.3	1231.8	1309.5	1301.4	1280.0	1247.9	1210.4	1205.0	1199.7
62.5°	781.9	516.8	929.2	1065.8	1175.6	1172.9	1154.2	1106.0	1079.2	1065.8	1055.1
65°	664.1	433.8	661.4	886.4	1044.4	1049.7	1009.6	974.7	945.3	929.2	926.5
67.5°	506.1	353.5	447.2	739.1	918.5	913.2	862.3	846.2	808.7	800.7	784.6
70°	374.9	235.7	310.6	599.8	795.3	781.9	741.8	723.0	688.2	669.5	658.8
72.5°	310.6	190.1	227.6	465.9	669.5	653.4	618.6	597.2	567.7	551.6	540.9
75°	251.7	200.8	174.1	345.4	543.6	532.9	500.8	479.3	455.2	433.8	436.5
77.5°	184.8	187.5	139.2	254.4	431.1	415.1	396.3	369.5	358.8	337.4	337.4
80°	139.2	147.3	104.4	174.1	310.6	310.6	294.6	275.8	257.1	246.4	246.4
82.5°	93.7	93.7	77.7	109.8	211.6	203.5	192.8	187.5	176.7	171.4	171.4
85°	42.8	53.6	48.2	66.9	115.1	120.5	120.5	115.1	112.5	107.1	109.8
87.5°	13.4	24.1	29.5	37.5	58.9	61.6	64.3	64.3	64.3	66.9	66.9
90°	16.7	30.1	43.5	46.8	73.5	109.1	126.9	112.8	84.6	63.5	63.5
92.5°	66.8	180.3	293.9	322.3	453.2	627.6	714.8	626.4	449.8	317.3	304.7
95°	160.3	368.1	576.0	628.0	1115.2	1764.7	2089.4	1864.5	1414.7	1077.3	1039.1
97.5°	277.2	460.6	643.9	689.8	1502.1	2585.1	3126.6	2984.5	2700.2	2486.9	2414.2
100°	367.4	533.7	700.0	741.6	1643.0	2844.7	3445.6	3456.0	3476.8	3492.4	3405.7
102.5°	444.3	599.4	754.5	793.4	1707.5	2926.4	3535.8	3717.0	4079.2	4350.9	4276.6
105°	574.6	706.0	837.4	870.2	1755.4	2935.6	3525.8	3931.8	4743.9	5353.0	5313.1
107.5°	708.2	830.7	953.1	983.8	1764.3	2805.0	3325.4	3891.7	5024.5	5874.1	5883.7
110°	798.4	909.0	1019.6	1047.2	1751.0	2689.2	3158.4	3791.6	5057.9	6007.7	6049.3



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	886.9	992.3	1097.7	1124.1	1751.5	2588.1	3006.3	3654.4	4950.5	5922.5	5986.4
115°	1020.5	1117.7	1215.0	1239.3	1767.7	2472.1	2824.3	3448.6	4697.1	5633.6	5722.1
117.5°	1152.5	1240.7	1329.1	1351.2	1800.4	2399.5	2699.0	3262.4	4389.3	5234.4	5332.6
120°	1229.2	1312.4	1395.5	1416.3	1827.2	2375.0	2648.9	3163.7	4193.3	4965.5	5060.9
122.5°	1304.4	1388.3	1472.2	1493.2	1865.7	2362.2	2610.6	3074.1	4001.3	4696.6	4790.7
125°	1419.7	1496.1	1572.6	1591.7	1917.4	2351.7	2568.8	2962.6	3750.2	4340.8	4427.5
127.5°	1513.2	1590.4	1667.6	1686.9	1969.1	2345.5	2533.7	2871.8	3548.1	4055.3	4128.4
130°	1563.3	1646.4	1729.5	1750.3	2007.0	2349.2	2520.3	2821.3	3423.4	3874.9	3942.4
132.5°	1615.1	1698.2	1781.3	1802.1	2037.6	2351.6	2508.6	2778.1	3317.1	3721.2	3781.8
135°	1691.9	1767.6	1843.3	1862.3	2071.1	2349.5	2488.6	2714.3	3165.6	3504.1	3556.2
137.5°	1770.4	1845.4	1920.4	1939.1	2121.1	2363.8	2485.2	2676.0	3057.6	3343.8	3386.4
140°	1835.6	1904.6	1973.7	1990.9	2151.7	2366.2	2473.5	2638.3	2968.0	3215.1	3255.0
142.5°	1885.7	1949.5	2013.3	2029.3	2177.4	2374.8	2473.5	2618.3	2907.8	3125.0	3159.3
145°	1962.5	2018.2	2073.8	2087.7	2210.8	2374.8	2456.8	2575.2	2812.0	2989.7	3015.6
147.5°	2039.3	2093.5	2147.6	2161.2	2259.8	2391.2	2456.8	2550.0	2736.3	2876.1	2897.6
150°	2089.4	2138.4	2187.5	2199.7	2285.4	2399.7	2456.8	2535.6	2692.9	2810.9	2828.4
152.5°	2141.2	2178.3	2215.4	2224.7	2302.1	2405.3	2456.8	2524.1	2658.4	2759.2	2772.4
155°	2218.1	2245.6	2273.0	2279.8	2338.8	2417.5	2456.8	2510.3	2617.3	2697.4	2706.2
157.5°	2274.8	2301.5	2328.2	2334.9	2375.5	2429.7	2456.8	2498.4	2581.5	2643.9	2650.1
160°	2313.2	2334.0	2354.8	2360.0	2392.3	2435.3	2456.8	2492.5	2563.7	2617.2	2620.7
162.5°	2351.6	2367.2	2382.8	2386.7	2410.1	2441.2	2456.8	2486.9	2547.1	2592.2	2595.5
165°	2393.4	2407.5	2421.6	2425.2	2435.7	2449.8	2456.8	2478.4	2521.4	2553.7	2557.3
167.5°	2431.9	2438.5	2445.2	2446.8	2455.8	2467.6	2473.5	2487.6	2515.8	2537.0	2538.5
170°	2456.8	2463.5	2470.2	2471.9	2472.5	2473.2	2473.5	2487.6	2515.8	2537.0	2537.0
172.5°	2470.2	2471.7	2473.2	2473.5	2473.5	2473.5	2473.5	2484.7	2507.0	2523.7	2522.4
175°	2488.6	2488.6	2488.6	2488.6	2483.6	2476.9	2473.5	2480.6	2494.7	2505.3	2505.3
177.5°	2488.6	2488.6	2488.6	2488.6	2484.7	2479.5	2476.9	2482.5	2493.6	2501.9	2500.4
180°	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6
2.5°	2902.9	2894.9	2902.9	2897.5	2900.2	2892.2	2868.1	2860.0	2868.1	2876.1	2876.1
5°	2937.7	2932.3	2937.7	2937.7	2935.0	2929.7	2902.9	2897.5	2902.9	2905.6	2900.2
7.5°	2948.4	2940.4	2948.4	2943.1	2943.1	2937.7	2910.9	2905.6	2908.2	2916.3	2908.2
10°	2948.4	2940.4	2948.4	2945.7	2943.1	2937.7	2910.9	2900.2	2900.2	2908.2	2900.2
12.5°	2935.0	2929.7	2935.0	2929.7	2929.7	2924.3	2897.5	2886.8	2889.5	2892.2	2881.5
15°	2913.6	2905.6	2913.6	2908.2	2910.9	2902.9	2873.4	2862.7	2862.7	2868.1	2849.3
17.5°	2881.5	2870.8	2881.5	2878.8	2876.1	2870.8	2844.0	2833.3	2830.6	2833.3	2819.9
20°	2844.0	2835.9	2844.0	2841.3	2841.3	2830.6	2803.8	2790.4	2790.4	2790.4	2777.0
22.5°	2785.1	2777.0	2785.1	2790.4	2790.4	2787.7	2763.6	2744.9	2739.5	2739.5	2723.5
25°	2718.1	2710.1	2718.1	2718.1	2715.4	2718.1	2710.1	2699.4	2691.3	2683.3	2667.2
27.5°	2653.8	2648.5	2653.8	2648.5	2653.8	2645.8	2643.1	2640.5	2629.7	2621.7	2600.3
30°	2589.6	2584.2	2589.6	2584.2	2578.9	2573.5	2560.1	2554.8	2565.5	2560.1	2525.3
32.5°	2509.2	2503.9	2509.2	2509.2	2503.9	2503.9	2482.5	2474.4	2477.1	2493.2	2461.0
35°	2426.2	2418.2	2426.2	2423.6	2426.2	2418.2	2404.8	2402.1	2391.4	2410.2	2386.1
37.5°	2329.7	2321.7	2329.7	2329.7	2329.7	2335.1	2324.4	2316.3	2300.3	2324.4	2305.6
40°	2230.7	2219.9	2230.7	2228.0	2230.7	2236.0	2230.7	2225.3	2209.2	2228.0	2211.9
42.5°	2118.2	2115.5	2118.2	2120.9	2120.9	2131.6	2139.6	2128.9	2123.5	2110.2	2120.9
45°	1997.7	1992.3	1997.7	2003.0	2005.7	2011.1	2035.2	2035.2	2027.1	2005.7	2021.8
47.5°	1869.1	1855.8	1869.1	1885.2	1885.2	1893.2	1917.3	1936.1	1922.7	1895.9	1904.0
50°	1732.6	1735.3	1732.6	1743.3	1743.3	1772.7	1791.5	1810.2	1823.6	1791.5	1754.0
52.5°	1598.7	1596.0	1598.7	1606.7	1617.4	1630.8	1663.0	1681.7	1703.1	1684.4	1625.5
55°	1464.8	1470.1	1464.8	1467.5	1472.8	1480.9	1529.1	1547.8	1588.0	1563.9	1502.3
57.5°	1330.9	1322.9	1330.9	1336.3	1338.9	1347.0	1387.1	1421.9	1446.0	1448.7	1373.7
60°	1175.6	1164.9	1175.6	1199.7	1205.0	1210.4	1247.9	1280.0	1301.4	1309.5	1231.8
62.5°	1039.0	1020.3	1039.0	1055.1	1065.8	1079.2	1106.0	1154.2	1172.9	1175.6	1065.8
65°	894.4	886.4	894.4	926.5	929.2	945.3	974.7	1009.6	1049.7	1044.4	886.4
67.5°	763.2	763.2	763.2	784.6	800.7	808.7	846.2	862.3	913.2	918.5	739.1
70°	642.7	640.0	642.7	658.8	669.5	688.2	723.0	741.8	781.9	795.3	599.8
72.5°	527.5	524.9	527.5	540.9	551.6	567.7	597.2	618.6	653.4	669.5	465.9
75°	425.8	420.4	425.8	436.5	433.8	455.2	479.3	500.8	532.9	543.6	345.4
77.5°	326.7	326.7	326.7	337.4	337.4	358.8	369.5	396.3	415.1	431.1	254.4
80°	243.7	241.0	243.7	246.4	246.4	257.1	275.8	294.6	310.6	310.6	174.1
82.5°	171.4	166.0	171.4	171.4	171.4	176.7	187.5	192.8	203.5	211.6	109.8
85°	107.1	107.1	107.1	109.8	107.1	112.5	115.1	120.5	120.5	115.1	66.9
87.5°	69.6	66.9	69.6	66.9	66.9	64.3	64.3	64.3	61.6	58.9	37.5
90°	63.5	63.5	63.5	63.5	63.5	84.6	112.8	126.9	109.1	73.5	46.8
92.5°	254.2	203.8	254.2	304.7	317.3	449.8	626.4	714.8	627.6	453.2	322.3
95°	886.1	733.2	886.1	1039.1	1077.3	1414.7	1864.5	2089.4	1764.7	1115.2	628.0
97.5°	2123.2	1832.2	2123.2	2414.2	2486.9	2700.2	2984.5	3126.6	2585.1	1502.1	689.8
100°	3059.1	2712.4	3059.1	3405.7	3492.4	3476.8	3456.0	3445.6	2844.7	1643.0	741.6
102.5°	3979.7	3682.8	3979.7	4276.6	4350.9	4079.2	3717.0	3535.8	2926.4	1707.5	793.4
105°	5153.5	4993.9	5153.5	5313.1	5353.0	4743.9	3931.8	3525.8	2935.6	1755.4	870.2
107.5°	5922.4	5960.9	5922.4	5883.7	5874.1	5024.5	3891.7	3325.4	2805.0	1764.3	983.8
110°	6215.6	6381.9	6215.6	6049.3	6007.7	5057.9	3791.6	3158.4	2689.2	1751.0	1047.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	6241.7	6497.1	6241.7	5986.4	5922.5	4950.5	3654.4	3006.3	2588.1	1751.5	1124.1
115°	6076.2	6430.3	6076.2	5722.1	5633.6	4697.1	3448.6	2824.3	2472.1	1767.7	1239.3
117.5°	5725.3	6117.9	5725.3	5332.6	5234.4	4389.3	3262.4	2699.0	2399.5	1800.4	1351.2
120°	5442.4	5824.0	5442.4	5060.9	4965.5	4193.3	3163.7	2648.9	2375.0	1827.2	1416.3
122.5°	5167.1	5543.4	5167.1	4790.7	4696.6	4001.3	3074.1	2610.6	2362.2	1865.7	1493.2
125°	4774.2	5120.9	4774.2	4427.5	4340.8	3750.2	2962.6	2568.8	2351.7	1917.4	1591.7
127.5°	4420.9	4713.3	4420.9	4128.4	4055.3	3548.1	2871.8	2533.7	2345.5	1969.1	1686.9
130°	4212.6	4482.8	4212.6	3942.4	3874.9	3423.4	2821.3	2520.3	2349.2	2007.0	1750.3
132.5°	4023.7	4265.7	4023.7	3781.8	3721.2	3317.1	2778.1	2508.6	2351.6	2037.6	1802.1
135°	3764.8	3973.4	3764.8	3556.2	3504.1	3165.6	2714.3	2488.6	2349.5	2071.1	1862.3
137.5°	3557.2	3727.8	3557.2	3386.4	3343.8	3057.6	2676.0	2485.2	2363.8	2121.1	1939.1
140°	3414.6	3574.2	3414.6	3255.0	3215.1	2968.0	2638.3	2473.5	2366.2	2151.7	1990.9
142.5°	3296.6	3433.9	3296.6	3159.3	3125.0	2907.8	2618.3	2473.5	2374.8	2177.4	2029.3
145°	3119.6	3223.5	3119.6	3015.6	2989.7	2812.0	2575.2	2456.8	2374.8	2210.8	2087.7
147.5°	2983.8	3069.8	2983.8	2897.6	2876.1	2736.3	2550.0	2456.8	2391.2	2259.8	2161.2
150°	2898.2	2968.0	2898.2	2828.4	2810.9	2692.9	2535.6	2456.8	2399.7	2285.4	2199.7
152.5°	2825.1	2877.7	2825.1	2772.4	2759.2	2658.4	2524.1	2456.8	2405.3	2302.1	2224.7
155°	2741.0	2775.9	2741.0	2706.2	2697.4	2617.3	2510.3	2456.8	2417.5	2338.8	2279.8
157.5°	2674.6	2699.0	2674.6	2650.1	2643.9	2581.5	2498.4	2456.8	2429.7	2375.5	2334.9
160°	2634.8	2648.9	2634.8	2620.7	2617.2	2563.7	2492.5	2456.8	2435.3	2392.3	2360.0
162.5°	2608.9	2622.2	2608.9	2595.5	2592.2	2547.1	2486.9	2456.8	2441.2	2410.1	2386.7
165°	2571.4	2585.5	2571.4	2557.3	2553.7	2521.4	2478.4	2456.8	2449.8	2435.7	2425.2
167.5°	2544.4	2550.4	2544.4	2538.5	2537.0	2515.8	2487.6	2473.5	2467.6	2455.8	2446.8
170°	2537.0	2537.0	2537.0	2537.0	2537.0	2515.8	2487.6	2473.5	2473.2	2472.5	2471.9
172.5°	2517.2	2512.0	2517.2	2522.4	2523.7	2507.0	2484.7	2473.5	2473.5	2473.5	2473.5
175°	2505.3	2505.3	2505.3	2505.3	2505.3	2494.7	2480.6	2473.5	2476.9	2483.6	2488.6
177.5°	2494.5	2488.6	2494.5	2500.4	2501.9	2493.6	2482.5	2476.9	2479.5	2484.7	2488.6
180°	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6
2.5°	2870.8	2854.7	2854.7	2827.9	2817.2	2809.2	2795.8	2755.6	2744.9	2734.2	2750.3
5°	2894.9	2865.4	2844.0	2795.8	2755.6	2739.5	2688.7	2592.3	2528.0	2479.8	2453.0
7.5°	2900.2	2862.7	2822.6	2747.6	2651.2	2608.3	2453.0	2276.2	2228.0	2185.1	2158.4
10°	2894.9	2852.0	2795.8	2683.3	2455.7	2380.7	2225.3	2110.2	2080.7	2072.7	2080.7
12.5°	2876.1	2835.9	2758.3	2570.8	2252.1	2201.2	2110.2	2043.2	2037.9	2051.2	2123.5
15°	2844.0	2806.5	2715.4	2420.9	2139.6	2102.1	2037.9	2013.8	2043.2	2136.9	2353.8
17.5°	2811.8	2769.0	2656.5	2273.5	2053.9	2027.1	1981.6	2029.8	2195.8	2321.7	2394.1
20°	2769.0	2718.1	2589.6	2166.4	1992.3	1968.2	1946.8	2163.7	2289.6	2335.1	2375.4
22.5°	2718.1	2664.6	2498.5	2091.4	1928.1	1909.3	1922.7	2238.7	2289.6	2321.7	2356.5
25°	2651.2	2605.6	2391.4	2032.5	1877.2	1855.8	1906.6	2230.7	2260.1	2268.1	2337.8
27.5°	2589.6	2530.7	2278.9	1978.9	1815.6	1807.6	1920.0	2195.8	2217.3	2225.3	2300.3
30°	2514.6	2426.2	2153.0	1922.7	1751.3	1748.6	1922.7	2153.0	2147.6	2169.1	2244.0
32.5°	2436.9	2270.8	2011.1	1853.1	1689.7	1687.1	1904.0	2088.7	2083.4	2112.8	2169.1
35°	2364.6	2150.3	1818.3	1772.7	1612.1	1614.7	1858.4	2013.8	2016.4	2043.2	2078.0
37.5°	2289.6	2045.9	1606.7	1684.4	1537.1	1537.1	1796.8	1944.1	1938.8	1946.8	1995.0
40°	2201.2	1882.5	1419.3	1569.2	1467.5	1459.4	1721.9	1869.1	1850.4	1847.7	1914.7
42.5°	2107.5	1703.1	1280.0	1416.6	1387.1	1376.4	1630.8	1778.1	1743.3	1751.3	1837.0
45°	2005.7	1654.9	1172.9	1197.0	1304.1	1296.1	1531.7	1673.7	1649.6	1671.0	1759.4
47.5°	1904.0	1558.5	1138.1	993.5	1215.7	1213.1	1421.9	1571.9	1558.5	1579.9	1673.7
50°	1764.7	1451.4	1135.4	851.6	1116.7	1127.4	1290.7	1472.8	1472.8	1491.6	1590.6
52.5°	1585.3	1320.2	1031.0	771.2	1001.5	1033.7	1175.6	1387.1	1392.5	1411.2	1499.6
55°	1421.9	1183.6	956.0	709.6	864.9	934.6	1063.1	1298.8	1309.5	1328.2	1408.6
57.5°	1272.0	985.5	939.9	637.3	739.1	806.0	964.0	1213.1	1218.4	1234.5	1312.2
60°	1111.3	712.3	862.3	559.7	629.3	680.2	873.0	1111.3	1130.1	1140.8	1207.7
62.5°	929.2	516.8	781.9	506.1	575.7	586.5	798.0	1014.9	1039.0	1047.0	1087.2
65°	661.4	433.8	664.1	460.6	519.5	522.2	717.7	915.8	937.3	950.6	980.1
67.5°	447.2	353.5	506.1	417.7	476.7	479.3	640.0	800.7	830.1	840.8	859.6
70°	310.6	235.7	374.9	372.2	428.5	433.8	557.0	696.2	723.0	731.1	741.8
72.5°	227.6	190.1	310.6	334.7	377.6	382.9	471.3	578.4	605.2	613.2	618.6
75°	174.1	200.8	251.7	291.9	321.3	324.0	385.6	471.3	490.0	495.4	498.1
77.5°	139.2	187.5	184.8	235.7	262.4	257.1	302.6	364.2	380.3	380.3	380.3
80°	104.4	147.3	139.2	168.7	192.8	187.5	216.9	259.8	265.1	270.5	267.8
82.5°	77.7	93.7	93.7	107.1	128.5	123.2	144.6	168.7	168.7	168.7	174.1
85°	48.2	53.6	42.8	56.2	72.3	69.6	80.3	91.0	93.7	93.7	88.4
87.5°	29.5	24.1	13.4	21.4	32.1	32.1	37.5	40.2	37.5	37.5	37.5
90°	43.5	30.1	16.7	30.1	43.5	46.8	73.5	109.1	126.9	112.8	84.6
92.5°	293.9	180.3	66.8	180.3	293.9	322.3	453.2	627.6	714.8	626.4	449.8
95°	576.0	368.1	160.3	368.1	576.0	628.0	1115.2	1764.7	2089.4	1864.5	1414.7
97.5°	643.9	460.6	277.2	460.6	643.9	689.8	1502.1	2585.1	3126.6	2984.5	2700.2
100°	700.0	533.7	367.4	533.7	700.0	741.6	1643.0	2844.7	3445.6	3456.0	3476.8
102.5°	754.5	599.4	444.3	599.4	754.5	793.4	1707.5	2926.4	3535.8	3717.0	4079.2
105°	837.4	706.0	574.6	706.0	837.4	870.2	1755.4	2935.6	3525.8	3931.8	4743.9
107.5°	953.1	830.7	708.2	830.7	953.1	983.8	1764.3	2805.0	3325.4	3891.7	5024.5
110°	1019.6	909.0	798.4	909.0	1019.6	1047.2	1751.0	2689.2	3158.4	3791.6	5057.9



TEST NUMBER: P935927

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	1097.7	992.3	886.9	992.3	1097.7	1124.1	1751.5	2588.1	3006.3	3654.4	4950.5
115°	1215.0	1117.7	1020.5	1117.7	1215.0	1239.3	1767.7	2472.1	2824.3	3448.6	4697.1
117.5°	1329.1	1240.7	1152.5	1240.7	1329.1	1351.2	1800.4	2399.5	2699.0	3262.4	4389.3
120°	1395.5	1312.4	1229.2	1312.4	1395.5	1416.3	1827.2	2375.0	2648.9	3163.7	4193.3
122.5°	1472.2	1388.3	1304.4	1388.3	1472.2	1493.2	1865.7	2362.2	2610.6	3074.1	4001.3
125°	1572.6	1496.1	1419.7	1496.1	1572.6	1591.7	1917.4	2351.7	2568.8	2962.6	3750.2
127.5°	1667.6	1590.4	1513.2	1590.4	1667.6	1686.9	1969.1	2345.5	2533.7	2871.8	3548.1
130°	1729.5	1646.4	1563.3	1646.4	1729.5	1750.3	2007.0	2349.2	2520.3	2821.3	3423.4
132.5°	1781.3	1698.2	1615.1	1698.2	1781.3	1802.1	2037.6	2351.6	2508.6	2778.1	3317.1
135°	1843.3	1767.6	1691.9	1767.6	1843.3	1862.3	2071.1	2349.5	2488.6	2714.3	3165.6
137.5°	1920.4	1845.4	1770.4	1845.4	1920.4	1939.1	2121.1	2363.8	2485.2	2676.0	3057.6
140°	1973.7	1904.6	1835.6	1904.6	1973.7	1990.9	2151.7	2366.2	2473.5	2638.3	2968.0
142.5°	2013.3	1949.5	1885.7	1949.5	2013.3	2029.3	2177.4	2374.8	2473.5	2618.3	2907.8
145°	2073.8	2018.2	1962.5	2018.2	2073.8	2087.7	2210.8	2374.8	2456.8	2575.2	2812.0
147.5°	2147.6	2093.5	2039.3	2093.5	2147.6	2161.2	2259.8	2391.2	2456.8	2550.0	2736.3
150°	2187.5	2138.4	2089.4	2138.4	2187.5	2199.7	2285.4	2399.7	2456.8	2535.6	2692.9
152.5°	2215.4	2178.3	2141.2	2178.3	2215.4	2224.7	2302.1	2405.3	2456.8	2524.1	2658.4
155°	2273.0	2245.6	2218.1	2245.6	2273.0	2279.8	2338.8	2417.5	2456.8	2510.3	2617.3
157.5°	2328.2	2301.5	2274.8	2301.5	2328.2	2334.9	2375.5	2429.7	2456.8	2498.4	2581.5
160°	2354.8	2334.0	2313.2	2334.0	2354.8	2360.0	2392.3	2435.3	2456.8	2492.5	2563.7
162.5°	2382.8	2367.2	2351.6	2367.2	2382.8	2386.7	2410.1	2441.2	2456.8	2486.9	2547.1
165°	2421.6	2407.5	2393.4	2407.5	2421.6	2425.2	2435.7	2449.8	2456.8	2478.4	2521.4
167.5°	2445.2	2438.5	2431.9	2438.5	2445.2	2446.8	2455.8	2467.6	2473.5	2487.6	2515.8
170°	2470.2	2463.5	2456.8	2463.5	2470.2	2471.9	2472.5	2473.2	2473.5	2487.6	2515.8
172.5°	2473.2	2471.7	2470.2	2471.7	2473.2	2473.5	2473.5	2473.5	2473.5	2484.7	2507.0
175°	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2483.6	2476.9	2473.5	2480.6	2494.7
177.5°	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2484.7	2479.5	2476.9	2482.5	2493.6
180°	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6	2830.6
2.5°	2731.5	2723.5	2734.2	2704.7	2734.2	2723.5	2731.5	2750.3	2734.2	2744.9	2755.6
5°	2396.8	2383.4	2340.4	2305.6	2340.4	2383.4	2396.8	2453.0	2479.8	2528.0	2592.3
7.5°	2142.3	2131.6	2120.9	2099.4	2120.9	2131.6	2142.3	2158.4	2185.1	2228.0	2276.2
10°	2086.1	2088.7	2104.8	2102.1	2104.8	2088.7	2086.1	2080.7	2072.7	2080.7	2110.2
12.5°	2230.7	2254.8	2343.1	2337.8	2343.1	2254.8	2230.7	2123.5	2051.2	2037.9	2043.2
15°	2396.8	2404.8	2423.6	2426.2	2423.6	2404.8	2396.8	2353.8	2136.9	2043.2	2013.8
17.5°	2412.8	2415.5	2428.9	2428.9	2428.9	2415.5	2412.8	2394.1	2321.7	2195.8	2029.8
20°	2399.5	2404.8	2431.6	2436.9	2431.6	2404.8	2399.5	2375.4	2335.1	2289.6	2163.7
22.5°	2394.1	2404.8	2426.2	2423.6	2426.2	2404.8	2394.1	2356.5	2321.7	2289.6	2238.7
25°	2367.3	2367.3	2370.0	2372.7	2370.0	2367.3	2367.3	2337.8	2268.1	2260.1	2230.7
27.5°	2311.0	2316.3	2332.4	2329.7	2332.4	2316.3	2311.0	2300.3	2225.3	2217.3	2195.8
30°	2260.1	2254.8	2241.4	2230.7	2241.4	2254.8	2260.1	2244.0	2169.1	2147.6	2153.0
32.5°	2174.4	2161.0	2147.6	2139.6	2147.6	2161.0	2174.4	2169.1	2112.8	2083.4	2088.7
35°	2072.7	2075.3	2072.7	2064.6	2072.7	2075.3	2072.7	2078.0	2043.2	2016.4	2013.8
37.5°	2000.4	2005.7	2003.0	1992.3	2003.0	2005.7	2000.4	1995.0	1946.8	1938.8	1944.1
40°	1925.4	1928.1	1925.4	1917.3	1925.4	1928.1	1925.4	1914.7	1847.7	1850.4	1869.1
42.5°	1853.1	1850.4	1842.4	1837.0	1842.4	1850.4	1853.1	1837.0	1751.3	1743.3	1778.1
45°	1770.1	1772.7	1756.7	1748.6	1756.7	1772.7	1770.1	1759.4	1671.0	1649.6	1673.7
47.5°	1687.1	1687.1	1673.7	1665.6	1673.7	1687.1	1687.1	1673.7	1579.9	1558.5	1571.9
50°	1598.7	1596.0	1577.3	1574.6	1577.3	1596.0	1598.7	1590.6	1491.6	1472.8	1472.8
52.5°	1496.9	1496.9	1499.6	1505.0	1499.6	1496.9	1496.9	1499.6	1411.2	1392.5	1387.1
55°	1408.6	1411.2	1430.0	1435.3	1430.0	1411.2	1408.6	1408.6	1328.2	1309.5	1298.8
57.5°	1317.5	1317.5	1330.9	1330.9	1330.9	1317.5	1317.5	1312.2	1234.5	1218.4	1213.1
60°	1213.1	1218.4	1229.1	1226.5	1229.1	1218.4	1213.1	1207.7	1140.8	1130.1	1111.3
62.5°	1103.3	1108.6	1111.3	1106.0	1111.3	1108.6	1103.3	1087.2	1047.0	1039.0	1014.9
65°	988.1	993.5	996.2	990.8	996.2	993.5	988.1	980.1	950.6	937.3	915.8
67.5°	870.3	867.6	864.9	875.7	864.9	867.6	870.3	859.6	840.8	830.1	800.7
70°	749.8	749.8	747.1	752.5	747.1	749.8	749.8	741.8	731.1	723.0	696.2
72.5°	621.3	618.6	629.3	621.3	629.3	618.6	621.3	618.6	613.2	605.2	578.4
75°	495.4	500.8	495.4	503.4	495.4	500.8	495.4	498.1	495.4	490.0	471.3
77.5°	377.6	382.9	377.6	377.6	377.6	382.9	377.6	380.3	380.3	380.3	364.2
80°	267.8	265.1	265.1	262.4	265.1	265.1	267.8	267.8	270.5	265.1	259.8
82.5°	171.4	168.7	168.7	174.1	168.7	168.7	171.4	174.1	168.7	168.7	168.7
85°	93.7	96.4	91.0	91.0	91.0	96.4	93.7	88.4	93.7	93.7	91.0
87.5°	34.8	32.1	32.1	32.1	32.1	32.1	34.8	37.5	37.5	37.5	40.2
90°	63.5	63.5	63.5	63.5	63.5	63.5	63.5	84.6	112.8	126.9	109.1
92.5°	317.3	304.7	254.2	203.8	254.2	304.7	317.3	449.8	626.4	714.8	627.6
95°	1077.3	1039.1	886.1	733.2	886.1	1039.1	1077.3	1414.7	1864.5	2089.4	1764.7
97.5°	2486.9	2414.2	2123.2	1832.2	2123.2	2414.2	2486.9	2700.2	2984.5	3126.6	2585.1
100°	3492.4	3405.7	3059.1	2712.4	3059.1	3405.7	3492.4	3476.8	3456.0	3445.6	2844.7
102.5°	4350.9	4276.6	3979.7	3682.8	3979.7	4276.6	4350.9	4079.2	3717.0	3535.8	2926.4
105°	5353.0	5313.1	5153.5	4993.9	5153.5	5313.1	5353.0	4743.9	3931.8	3525.8	2935.6
107.5°	5874.1	5883.7	5922.4	5960.9	5922.4	5883.7	5874.1	5024.5	3891.7	3325.4	2805.0
110°	6007.7	6049.3	6215.6	6381.9	6215.6	6049.3	6007.7	5057.9	3791.6	3158.4	2689.2



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	5922.5	5986.4	6241.7	6497.1	6241.7	5986.4	5922.5	4950.5	3654.4	3006.3	2588.1
115°	5633.6	5722.1	6076.2	6430.3	6076.2	5722.1	5633.6	4697.1	3448.6	2824.3	2472.1
117.5°	5234.4	5332.6	5725.3	6117.9	5725.3	5332.6	5234.4	4389.3	3262.4	2699.0	2399.5
120°	4965.5	5060.9	5442.4	5824.0	5442.4	5060.9	4965.5	4193.3	3163.7	2648.9	2375.0
122.5°	4696.6	4790.7	5167.1	5543.4	5167.1	4790.7	4696.6	4001.3	3074.1	2610.6	2362.2
125°	4340.8	4427.5	4774.2	5120.9	4774.2	4427.5	4340.8	3750.2	2962.6	2568.8	2351.7
127.5°	4055.3	4128.4	4420.9	4713.3	4420.9	4128.4	4055.3	3548.1	2871.8	2533.7	2345.5
130°	3874.9	3942.4	4212.6	4482.8	4212.6	3942.4	3874.9	3423.4	2821.3	2520.3	2349.2
132.5°	3721.2	3781.8	4023.7	4265.7	4023.7	3781.8	3721.2	3317.1	2778.1	2508.6	2351.6
135°	3504.1	3556.2	3764.8	3973.4	3764.8	3556.2	3504.1	3165.6	2714.3	2488.6	2349.5
137.5°	3343.8	3386.4	3557.2	3727.8	3557.2	3386.4	3343.8	3057.6	2676.0	2485.2	2363.8
140°	3215.1	3255.0	3414.6	3574.2	3414.6	3255.0	3215.1	2968.0	2638.3	2473.5	2366.2
142.5°	3125.0	3159.3	3296.6	3433.9	3296.6	3159.3	3125.0	2907.8	2618.3	2473.5	2374.8
145°	2989.7	3015.6	3119.6	3223.5	3119.6	3015.6	2989.7	2812.0	2575.2	2456.8	2374.8
147.5°	2876.1	2897.6	2983.8	3069.8	2983.8	2897.6	2876.1	2736.3	2550.0	2456.8	2391.2
150°	2810.9	2828.4	2898.2	2968.0	2898.2	2828.4	2810.9	2692.9	2535.6	2456.8	2399.7
152.5°	2759.2	2772.4	2825.1	2877.7	2825.1	2772.4	2759.2	2658.4	2524.1	2456.8	2405.3
155°	2697.4	2706.2	2741.0	2775.9	2741.0	2706.2	2697.4	2617.3	2510.3	2456.8	2417.5
157.5°	2643.9	2650.1	2674.6	2699.0	2674.6	2650.1	2643.9	2581.5	2498.4	2456.8	2429.7
160°	2617.2	2620.7	2634.8	2648.9	2634.8	2620.7	2617.2	2563.7	2492.5	2456.8	2435.3
162.5°	2592.2	2595.5	2608.9	2622.2	2608.9	2595.5	2592.2	2547.1	2486.9	2456.8	2441.2
165°	2553.7	2557.3	2571.4	2585.5	2571.4	2557.3	2553.7	2521.4	2478.4	2456.8	2449.8
167.5°	2537.0	2538.5	2544.4	2550.4	2544.4	2538.5	2537.0	2515.8	2487.6	2473.5	2467.6
170°	2537.0	2537.0	2537.0	2537.0	2537.0	2537.0	2537.0	2515.8	2487.6	2473.5	2473.2
172.5°	2523.7	2522.4	2517.2	2512.0	2517.2	2522.4	2523.7	2507.0	2484.7	2473.5	2473.5
175°	2505.3	2505.3	2505.3	2505.3	2505.3	2505.3	2505.3	2494.7	2480.6	2473.5	2476.9
177.5°	2501.9	2500.4	2494.5	2488.6	2494.5	2500.4	2501.9	2493.6	2482.5	2476.9	2479.5
180°	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6	2488.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2830.6	2830.6	2830.6	2830.6	2830.6
2.5°	2795.8	2809.2	2817.2	2827.9	2854.7
5°	2688.7	2739.5	2755.6	2795.8	2844.0
7.5°	2453.0	2608.3	2651.2	2747.6	2822.6
10°	2225.3	2380.7	2455.7	2683.3	2795.8
12.5°	2110.2	2201.2	2252.1	2570.8	2758.3
15°	2037.9	2102.1	2139.6	2420.9	2715.4
17.5°	1981.6	2027.1	2053.9	2273.5	2656.5
20°	1946.8	1968.2	1992.3	2166.4	2589.6
22.5°	1922.7	1909.3	1928.1	2091.4	2498.5
25°	1906.6	1855.8	1877.2	2032.5	2391.4
27.5°	1920.0	1807.6	1815.6	1978.9	2278.9
30°	1922.7	1748.6	1751.3	1922.7	2153.0
32.5°	1904.0	1687.1	1689.7	1853.1	2011.1
35°	1858.4	1614.7	1612.1	1772.7	1818.3
37.5°	1796.8	1537.1	1537.1	1684.4	1606.7
40°	1721.9	1459.4	1467.5	1569.2	1419.3
42.5°	1630.8	1376.4	1387.1	1416.6	1280.0
45°	1531.7	1296.1	1304.1	1197.0	1172.9
47.5°	1421.9	1213.1	1215.7	993.5	1138.1
50°	1290.7	1127.4	1116.7	851.6	1135.4
52.5°	1175.6	1033.7	1001.5	771.2	1031.0
55°	1063.1	934.6	864.9	709.6	956.0
57.5°	964.0	806.0	739.1	637.3	939.9
60°	873.0	680.2	629.3	559.7	862.3
62.5°	798.0	586.5	575.7	506.1	781.9
65°	717.7	522.2	519.5	460.6	664.1
67.5°	640.0	479.3	476.7	417.7	506.1
70°	557.0	433.8	428.5	372.2	374.9
72.5°	471.3	382.9	377.6	334.7	310.6
75°	385.6	324.0	321.3	291.9	251.7
77.5°	302.6	257.1	262.4	235.7	184.8
80°	216.9	187.5	192.8	168.7	139.2
82.5°	144.6	123.2	128.5	107.1	93.7
85°	80.3	69.6	72.3	56.2	42.8
87.5°	37.5	32.1	32.1	21.4	13.4
90°	73.5	46.8	43.5	30.1	16.7
92.5°	453.2	322.3	293.9	180.3	66.8
95°	1115.2	628.0	576.0	368.1	160.3
97.5°	1502.1	689.8	643.9	460.6	277.2
100°	1643.0	741.6	700.0	533.7	367.4
102.5°	1707.5	793.4	754.5	599.4	444.3
105°	1755.4	870.2	837.4	706.0	574.6
107.5°	1764.3	983.8	953.1	830.7	708.2
110°	1751.0	1047.2	1019.6	909.0	798.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1751.5	1124.1	1097.7	992.3	886.9
115°	1767.7	1239.3	1215.0	1117.7	1020.5
117.5°	1800.4	1351.2	1329.1	1240.7	1152.5
120°	1827.2	1416.3	1395.5	1312.4	1229.2
122.5°	1865.7	1493.2	1472.2	1388.3	1304.4
125°	1917.4	1591.7	1572.6	1496.1	1419.7
127.5°	1969.1	1686.9	1667.6	1590.4	1513.2
130°	2007.0	1750.3	1729.5	1646.4	1563.3
132.5°	2037.6	1802.1	1781.3	1698.2	1615.1
135°	2071.1	1862.3	1843.3	1767.6	1691.9
137.5°	2121.1	1939.1	1920.4	1845.4	1770.4
140°	2151.7	1990.9	1973.7	1904.6	1835.6
142.5°	2177.4	2029.3	2013.3	1949.5	1885.7
145°	2210.8	2087.7	2073.8	2018.2	1962.5
147.5°	2259.8	2161.2	2147.6	2093.5	2039.3
150°	2285.4	2199.7	2187.5	2138.4	2089.4
152.5°	2302.1	2224.7	2215.4	2178.3	2141.2
155°	2338.8	2279.8	2273.0	2245.6	2218.1
157.5°	2375.5	2334.9	2328.2	2301.5	2274.8
160°	2392.3	2360.0	2354.8	2334.0	2313.2
162.5°	2410.1	2386.7	2382.8	2367.2	2351.6
165°	2435.7	2425.2	2421.6	2407.5	2393.4
167.5°	2455.8	2446.8	2445.2	2438.5	2431.9
170°	2472.5	2471.9	2470.2	2463.5	2456.8
172.5°	2473.5	2473.5	2473.2	2471.7	2470.2
175°	2483.6	2488.6	2488.6	2488.6	2488.6
177.5°	2484.7	2488.6	2488.6	2488.6	2488.6
180°	2488.6	2488.6	2488.6	2488.6	2488.6



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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	10.31	11.03	11.41	12.12	13.64	13.16	13.88	14.26	14.98	16.49
	3H	10.78	11.42	11.89	12.52	14.06	14.50	15.14	15.61	16.25	17.78
	4H	10.96	11.57	12.08	12.68	14.21	14.94	15.55	16.07	16.66	18.20
	6H	11.07	11.63	12.20	12.74	14.29	15.23	15.79	16.36	16.90	18.45
	8H	11.07	11.60	12.20	12.73	14.27	15.30	15.83	16.43	16.96	18.50
	12H	11.03	11.54	12.17	12.66	14.22	15.34	15.84	16.47	16.96	18.53
4H	2H	11.33	11.94	12.46	13.05	14.58	13.55	14.16	14.68	15.27	16.81
	3H	12.34	12.85	13.48	13.98	15.53	15.05	15.56	16.18	16.69	18.24
	4H	12.61	13.08	13.75	14.20	15.77	15.58	16.04	16.71	17.17	18.74
	6H	12.73	13.13	13.87	14.27	15.84	15.94	16.34	17.08	17.48	19.05
	8H	12.73	13.10	13.88	14.24	15.82	16.04	16.42	17.19	17.56	19.13
	12H	12.69	13.03	13.85	14.18	15.76	16.10	16.44	17.26	17.59	19.17
8H	4H	13.06	13.43	14.20	14.57	16.15	15.69	16.06	16.83	17.20	18.78
	6H	13.31	13.62	14.48	14.80	16.38	16.12	16.43	17.29	17.61	19.19
	8H	13.35	13.62	14.52	14.78	16.38	16.28	16.55	17.45	17.71	19.30
	12H	13.33	13.57	14.51	14.72	16.35	16.37	16.61	17.55	17.77	19.40
12H	4H	13.06	13.39	14.22	14.55	16.13	15.65	15.98	16.81	17.13	18.72
	6H	13.37	13.64	14.54	14.80	16.40	16.12	16.39	17.29	17.55	19.14
	8H	13.43	13.67	14.61	14.83	16.46	16.28	16.51	17.45	17.67	19.30