

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: P935569

Luminaire Tested: SQ4-FA-125U-075D-935-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935569
REPORT IS A COMBINATION OF REPORTS P933757 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-935-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

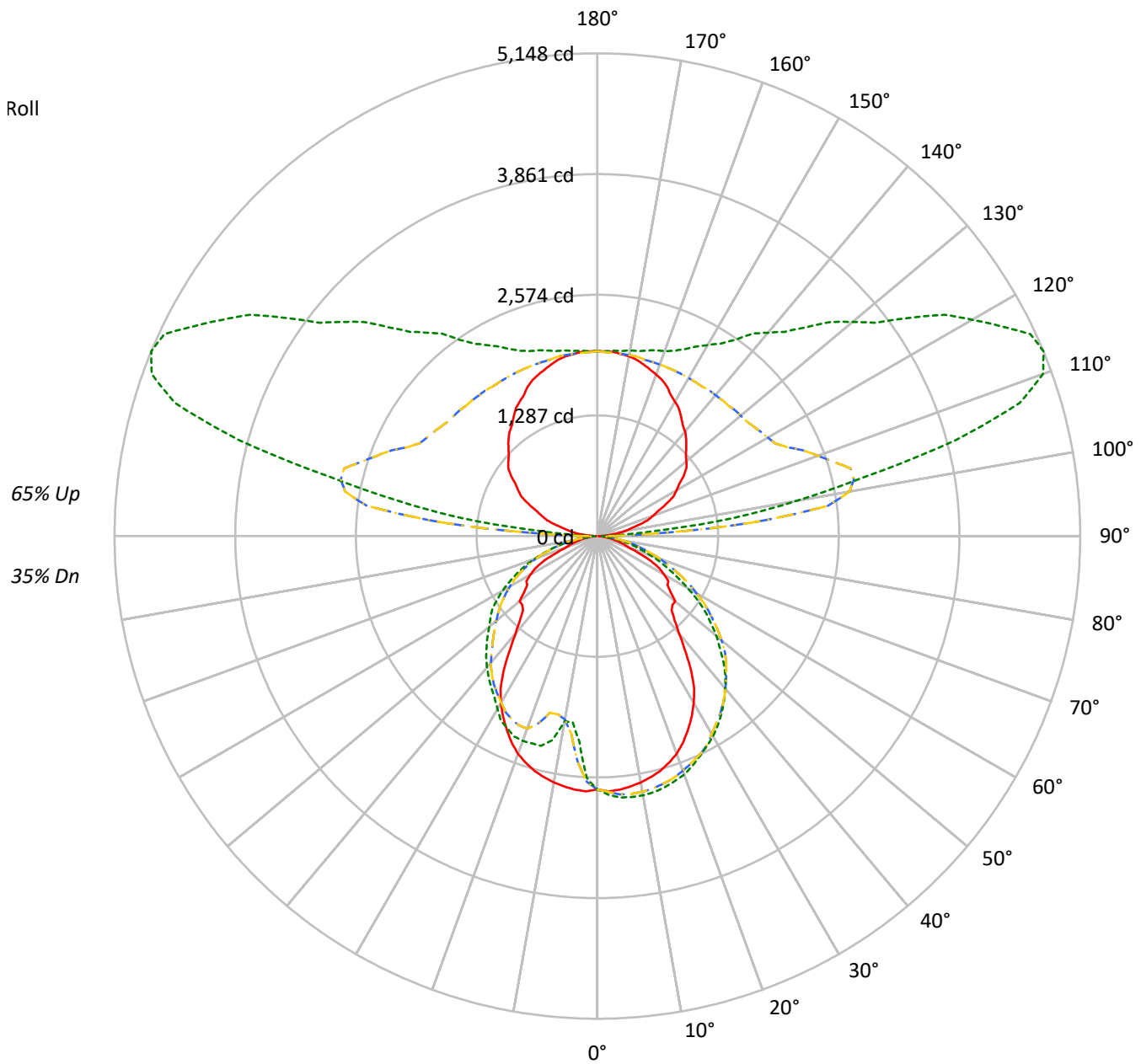
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19795.3 lumens
Efficiency: N/A
Efficacy: 118.7 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): 166.8
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				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	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35				35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30				30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25				25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21				21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18				18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16				16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14				14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12				12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11				11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10				10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9				9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8357	8357	8357	8357
5°	8422	8436	8422	6633
10°	8369	8310	8369	5941
15°	8281	8130	8281	6788
20°	8111	7916	8111	6802
25°	7760	7605	7760	6658
30°	7304	7347	7304	6342
35°	6515	7021	6515	5994
40°	5432	6636	5432	5731
45°	4857	6186	4857	5429
50°	5163	5649	5163	5126
55°	4863	5070	4863	4950
60°	5019	4306	5019	4534
65°	4558	3560	4558	3979
70°	3163	2837	3163	3335
75°	2785	2097	2785	2511
80°	2260	1386	2260	1510
85°	1325	734	1325	624

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7439 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	243.9	1.2
10°-20°	692.4	3.5
20°-30°	1070.4	5.4
30°-40°	1277.8	6.5
40°-50°	1285.3	6.5
50°-60°	1118.4	5.6
60°-70°	792.9	4.0
70°-80°	419.5	2.1
80°-90°	112.0	0.6
90°-100°	961.2	4.9
100°-110°	2527.0	12.8
110°-120°	2620.2	13.2
120°-130°	2101.7	10.6
130°-140°	1649.1	8.3
140°-150°	1265.8	6.4
150°-160°	911.6	4.6
160°-170°	557.7	2.8
170°-180°	188.4	1.0
0°-30°	2006.7	10.1
0°-40°	3284.5	16.6
0°-60°	5688.2	28.7
0°-90°	7012.6	35.4
90°-120°	6108.4	30.9
90°-150°	11125.0	56.2
90°-180°	12783.0	64.6
0°-180°	19795.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2702	2702	2702	2702	2702	
5°	2715	2799	2715	2201	2715	258
15°	2592	2773	2592	2316	2592	729
25°	2283	2587	2283	2265	2283	1048
35°	1736	2308	1736	1971	1736	1074
45°	1120	1902	1120	1669	1120	897
55°	912	1403	912	1370	912	839
65°	634	846	634	946	634	606
75°	240	401	240	480	240	253
85°	41	102	41	87	41	55
90°	13	50	13	50	13	13
95°	127	581	127	581	127	141
105°	455	3957	455	3957	455	483
115°	808	5095	808	5095	808	799
125°	1125	4058	1125	4058	1125	999
135°	1341	3148	1341	3148	1341	1037
145°	1555	2554	1555	2554	1555	974
155°	1757	2199	1757	2199	1757	808
165°	1896	2049	1896	2049	1896	535
175°	1972	1985	1972	1985	1972	187
180°	1972	1972	1972	1972	1972	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2724.8	2724.8	2740.1	2745.2	2745.2	2737.6	2729.9	2737.6	2760.6	2768.2	2765.7
5°	2714.6	2735.0	2763.1	2768.2	2773.3	2770.8	2765.7	2770.8	2796.3	2801.5	2804.0
7.5°	2694.1	2732.4	2768.2	2775.9	2783.6	2775.9	2773.3	2778.5	2804.0	2809.1	2809.1
10°	2668.5	2722.2	2763.1	2768.2	2775.9	2768.2	2768.2	2778.5	2804.0	2809.1	2811.7
12.5°	2632.8	2706.9	2745.2	2750.3	2760.6	2758.0	2755.5	2765.7	2791.2	2796.3	2796.3
15°	2591.9	2678.8	2714.6	2719.7	2737.6	2732.4	2732.4	2742.7	2770.8	2778.5	2775.9
17.5°	2535.6	2643.0	2683.9	2691.6	2704.3	2701.8	2704.3	2714.6	2740.1	2745.2	2747.8
20°	2471.7	2594.4	2643.0	2650.7	2663.4	2663.4	2663.4	2676.2	2701.8	2712.0	2712.0
22.5°	2384.8	2543.3	2594.4	2599.5	2614.9	2614.9	2620.0	2637.9	2660.9	2663.4	2663.4
25°	2282.6	2487.1	2530.5	2545.9	2561.2	2568.9	2576.5	2586.8	2594.4	2591.9	2594.4
27.5°	2175.2	2415.5	2471.7	2482.0	2502.4	2510.1	2520.3	2522.9	2525.4	2533.1	2528.0
30°	2055.0	2315.8	2400.2	2410.4	2443.6	2448.7	2438.5	2443.6	2456.4	2461.5	2466.6
32.5°	1919.6	2167.5	2326.0	2349.0	2379.7	2364.4	2361.8	2369.5	2389.9	2389.9	2395.1
35°	1735.5	2052.5	2257.0	2277.5	2300.5	2282.6	2292.8	2295.4	2308.2	2315.8	2313.3
37.5°	1533.6	1952.8	2185.4	2200.7	2218.6	2195.6	2210.9	2218.6	2228.8	2223.7	2223.7
40°	1354.7	1796.9	2101.0	2111.3	2126.6	2108.7	2124.0	2129.1	2134.3	2129.1	2126.6
42.5°	1221.8	1625.6	2011.6	2024.4	2014.1	2026.9	2032.0	2042.2	2034.6	2024.4	2024.4
45°	1119.5	1579.6	1914.4	1929.8	1914.4	1934.9	1942.6	1942.6	1919.6	1914.4	1911.9
47.5°	1086.3	1487.6	1817.3	1817.3	1809.6	1835.2	1848.0	1830.1	1807.1	1799.4	1799.4
50°	1083.7	1385.4	1684.4	1674.2	1710.0	1740.6	1727.9	1710.0	1692.1	1664.0	1664.0
52.5°	984.1	1260.1	1513.2	1551.5	1607.7	1625.6	1605.2	1587.3	1556.6	1543.8	1533.6
55°	912.5	1129.8	1357.2	1433.9	1492.7	1515.7	1477.4	1459.5	1413.5	1405.8	1400.7
57.5°	897.2	940.6	1214.1	1311.2	1382.8	1380.2	1357.2	1324.0	1285.7	1278.0	1275.4
60°	823.0	679.9	1060.7	1175.8	1249.9	1242.2	1221.8	1191.1	1155.3	1150.2	1145.1
62.5°	746.4	493.3	886.9	1017.3	1122.1	1119.5	1101.6	1055.6	1030.1	1017.3	1007.1
65°	633.9	414.1	631.3	846.0	996.8	1002.0	963.6	930.4	902.3	886.9	884.4
67.5°	483.1	337.4	426.9	705.5	876.7	871.6	823.0	807.7	771.9	764.2	748.9
70°	357.8	224.9	296.5	572.5	759.1	746.4	708.0	690.1	656.9	639.0	628.8
72.5°	296.5	181.5	217.3	444.7	639.0	623.7	590.4	570.0	541.9	526.5	516.3
75°	240.3	191.7	166.1	329.7	518.9	508.6	478.0	457.5	434.5	414.1	416.6
77.5°	176.4	178.9	132.9	242.8	411.5	396.2	378.3	352.7	342.5	322.1	322.1
80°	132.9	140.6	99.7	166.1	296.5	296.5	281.2	263.3	245.4	235.2	235.2
82.5°	89.5	89.5	74.1	104.8	201.9	194.3	184.0	178.9	168.7	163.6	163.6
85°	40.9	51.1	46.0	63.9	109.9	115.0	115.0	109.9	107.4	102.2	104.8
87.5°	12.8	23.0	28.1	35.8	56.2	58.8	61.3	61.3	61.3	63.9	63.9
90°	13.2	23.8	34.4	37.1	58.2	86.4	100.5	89.4	67.1	50.3	50.3
92.5°	52.9	142.9	232.9	255.4	359.1	497.3	566.4	496.4	356.4	251.4	241.5
95°	127.0	291.7	456.4	497.6	883.5	1398.2	1655.5	1477.3	1120.9	853.6	823.3
97.5°	219.6	364.9	510.3	546.6	1190.2	2048.3	2477.4	2364.7	2139.5	1970.5	1912.8
100°	291.1	422.9	554.7	587.6	1301.8	2254.1	2730.1	2738.4	2754.9	2767.2	2698.5
102.5°	352.0	475.0	597.8	628.6	1353.0	2318.7	2801.6	2945.1	3232.1	3447.4	3388.7
105°	455.2	559.3	663.5	689.5	1390.9	2326.0	2793.6	3115.3	3758.9	4241.4	4209.8
107.5°	561.1	658.2	755.2	779.5	1398.0	2222.6	2634.9	3083.6	3981.1	4654.3	4662.0
110°	632.6	720.2	807.9	829.8	1387.3	2130.8	2502.5	3004.2	4007.6	4760.2	4793.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	702.7	786.2	869.7	890.6	1387.7	2050.7	2382.1	2895.6	3922.5	4692.7	4743.3
115°	808.5	885.6	962.7	981.9	1400.6	1958.7	2237.9	2732.5	3721.8	4463.8	4533.9
117.5°	913.2	983.1	1053.2	1070.6	1426.6	1901.2	2138.6	2585.1	3477.9	4147.5	4225.2
120°	974.0	1039.9	1105.8	1122.3	1447.8	1881.9	2098.9	2506.8	3322.6	3934.5	4010.0
122.5°	1033.6	1100.0	1166.5	1183.1	1478.2	1871.8	2068.5	2435.8	3170.4	3721.4	3795.9
125°	1124.9	1185.5	1246.0	1261.2	1519.3	1863.3	2035.3	2347.3	2971.4	3439.4	3508.1
127.5°	1199.0	1260.2	1321.4	1336.6	1560.3	1858.5	2007.6	2275.4	2811.3	3213.1	3271.1
130°	1238.7	1304.6	1370.4	1386.9	1590.3	1861.4	1997.0	2235.5	2712.5	3070.3	3123.8
132.5°	1279.7	1345.6	1411.5	1428.0	1614.5	1863.3	1987.7	2201.2	2628.2	2948.5	2996.5
135°	1340.6	1400.6	1460.6	1475.6	1641.0	1861.6	1971.9	2150.7	2508.3	2776.5	2817.8
137.5°	1402.8	1462.2	1521.6	1536.4	1680.7	1873.0	1969.2	2120.4	2422.7	2649.4	2683.2
140°	1454.4	1509.1	1563.8	1577.5	1704.9	1874.9	1959.9	2090.5	2351.6	2547.5	2579.1
142.5°	1494.1	1544.7	1595.3	1607.9	1725.2	1881.7	1959.9	2074.6	2304.1	2476.1	2503.3
145°	1555.0	1599.1	1643.3	1654.2	1751.7	1881.7	1946.7	2040.5	2228.2	2368.8	2389.4
147.5°	1615.8	1658.8	1701.7	1712.4	1790.6	1894.7	1946.7	2020.5	2168.2	2278.8	2295.9
150°	1655.5	1694.4	1733.2	1742.9	1810.8	1901.4	1946.7	2009.1	2133.7	2227.2	2241.0
152.5°	1696.6	1726.0	1755.5	1762.8	1824.1	1905.8	1946.7	2000.0	2106.4	2186.2	2196.7
155°	1757.4	1779.2	1801.0	1806.4	1853.2	1915.6	1946.7	1989.1	2073.8	2137.2	2144.1
157.5°	1802.5	1823.6	1844.8	1850.1	1882.3	1925.3	1946.7	1979.6	2045.5	2094.9	2099.8
160°	1832.9	1849.4	1865.9	1870.0	1895.5	1929.7	1946.7	1974.9	2031.4	2073.8	2076.6
162.5°	1863.3	1875.7	1888.0	1891.1	1909.7	1934.4	1946.7	1970.6	2018.2	2053.9	2056.6
165°	1896.4	1907.5	1918.7	1921.5	1930.0	1941.1	1946.7	1963.8	1997.9	2023.4	2026.2
167.5°	1926.9	1932.2	1937.4	1938.7	1945.8	1955.3	1959.9	1971.1	1993.4	2010.2	2011.4
170°	1946.7	1952.0	1957.3	1958.6	1959.0	1959.6	1959.9	1971.1	1993.4	2010.2	2010.2
172.5°	1957.3	1958.5	1959.7	1959.9	1959.9	1959.9	1959.9	1968.8	1986.4	1999.6	1998.6
175°	1971.9	1971.9	1971.9	1971.9	1967.9	1962.6	1959.9	1965.6	1976.7	1985.1	1985.1
177.5°	1971.9	1971.9	1971.9	1971.9	1968.8	1964.6	1962.6	1967.0	1975.8	1982.4	1981.2
180°	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2770.8	2763.1	2770.8	2765.7	2768.2	2760.6	2737.6	2729.9	2737.6	2745.2	2745.2
5°	2804.0	2798.9	2804.0	2804.0	2801.5	2796.3	2770.8	2765.7	2770.8	2773.3	2768.2
7.5°	2814.2	2806.6	2814.2	2809.1	2809.1	2804.0	2778.5	2773.3	2775.9	2783.6	2775.9
10°	2814.2	2806.6	2814.2	2811.7	2809.1	2804.0	2778.5	2768.2	2768.2	2775.9	2768.2
12.5°	2801.5	2796.3	2801.5	2796.3	2796.3	2791.2	2765.7	2755.5	2758.0	2760.6	2750.3
15°	2781.0	2773.3	2781.0	2775.9	2778.5	2770.8	2742.7	2732.4	2732.4	2737.6	2719.7
17.5°	2750.3	2740.1	2750.3	2747.8	2745.2	2740.1	2714.6	2704.3	2701.8	2704.3	2691.6
20°	2714.6	2706.9	2714.6	2712.0	2712.0	2701.8	2676.2	2663.4	2663.4	2663.4	2650.7
22.5°	2658.3	2650.7	2658.3	2663.4	2663.4	2660.9	2637.9	2620.0	2614.9	2614.9	2599.5
25°	2594.4	2586.8	2594.4	2594.4	2591.9	2594.4	2586.8	2576.5	2568.9	2561.2	2545.9
27.5°	2533.1	2528.0	2533.1	2528.0	2533.1	2525.4	2522.9	2520.3	2510.1	2502.4	2482.0
30°	2471.7	2466.6	2471.7	2466.6	2461.5	2456.4	2443.6	2438.5	2448.7	2443.6	2410.4
32.5°	2395.1	2389.9	2395.1	2395.1	2389.9	2389.9	2369.5	2361.8	2364.4	2379.7	2349.0
35°	2315.8	2308.2	2315.8	2313.3	2315.8	2308.2	2295.4	2292.8	2282.6	2300.5	2277.5
37.5°	2223.7	2216.1	2223.7	2223.7	2223.7	2228.8	2218.6	2210.9	2195.6	2218.6	2200.7
40°	2129.1	2118.9	2129.1	2126.6	2129.1	2134.3	2129.1	2124.0	2108.7	2126.6	2111.3
42.5°	2021.8	2019.2	2021.8	2024.4	2024.4	2034.6	2042.2	2032.0	2026.9	2014.1	2024.4
45°	1906.8	1901.7	1906.8	1911.9	1914.4	1919.6	1942.6	1942.6	1934.9	1914.4	1929.8
47.5°	1784.1	1771.3	1784.1	1799.4	1799.4	1807.1	1830.1	1848.0	1835.2	1809.6	1817.3
50°	1653.7	1656.3	1653.7	1664.0	1664.0	1692.1	1710.0	1727.9	1740.6	1710.0	1674.2
52.5°	1525.9	1523.4	1525.9	1533.6	1543.8	1556.6	1587.3	1605.2	1625.6	1607.7	1551.5
55°	1398.1	1403.2	1398.1	1400.7	1405.8	1413.5	1459.5	1477.4	1515.7	1492.7	1433.9
57.5°	1270.3	1262.7	1270.3	1275.4	1278.0	1285.7	1324.0	1357.2	1380.2	1382.8	1311.2
60°	1122.1	1111.9	1122.1	1145.1	1150.2	1155.3	1191.1	1221.8	1242.2	1249.9	1175.8
62.5°	991.7	973.8	991.7	1007.1	1017.3	1030.1	1055.6	1101.6	1119.5	1122.1	1017.3
65°	853.7	846.0	853.7	884.4	886.9	902.3	930.4	963.6	1002.0	996.8	846.0
67.5°	728.5	728.5	728.5	748.9	764.2	771.9	807.7	823.0	871.6	876.7	705.5
70°	613.4	610.9	613.4	628.8	639.0	656.9	690.1	708.0	746.4	759.1	572.5
72.5°	503.5	501.0	503.5	516.3	526.5	541.9	570.0	590.4	623.7	639.0	444.7
75°	406.4	401.3	406.4	416.6	414.1	434.5	457.5	478.0	508.6	518.9	329.7
77.5°	311.8	311.8	311.8	322.1	322.1	342.5	352.7	378.3	396.2	411.5	242.8
80°	232.6	230.0	232.6	235.2	235.2	245.4	263.3	281.2	296.5	296.5	166.1
82.5°	163.6	158.5	163.6	163.6	163.6	168.7	178.9	184.0	194.3	201.9	104.8
85°	102.2	102.2	102.2	104.8	102.2	107.4	109.9	115.0	115.0	109.9	63.9
87.5°	66.5	63.9	66.5	63.9	63.9	61.3	61.3	61.3	58.8	56.2	35.8
90°	50.3	50.3	50.3	50.3	50.3	67.1	89.4	100.5	86.4	58.2	37.1
92.5°	201.4	161.5	201.4	241.5	251.4	356.4	496.4	566.4	497.3	359.1	255.4
95°	702.1	581.0	702.1	823.3	853.6	1120.9	1477.3	1655.5	1398.2	883.5	497.6
97.5°	1682.3	1451.7	1682.3	1912.8	1970.5	2139.5	2364.7	2477.4	2048.3	1190.2	546.6
100°	2423.9	2149.2	2423.9	2698.5	2767.2	2754.9	2738.4	2730.1	2254.1	1301.8	587.6
102.5°	3153.3	2918.1	3153.3	3388.7	3447.4	3232.1	2945.1	2801.6	2318.7	1353.0	628.6
105°	4083.4	3956.9	4083.4	4209.8	4241.4	3758.9	3115.3	2793.6	2326.0	1390.9	689.5
107.5°	4692.6	4723.1	4692.6	4662.0	4654.3	3981.1	3083.6	2634.9	2222.6	1398.0	779.5
110°	4924.9	5056.6	4924.9	4793.2	4760.2	4007.6	3004.2	2502.5	2130.8	1387.3	829.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4945.6	5148.0	4945.6	4743.3	4692.7	3922.5	2895.6	2382.1	2050.7	1387.7	890.6
115°	4814.5	5095.0	4814.5	4533.9	4463.8	3721.8	2732.5	2237.9	1958.7	1400.6	981.9
117.5°	4536.4	4847.5	4536.4	4225.2	4147.5	3477.9	2585.1	2138.6	1901.2	1426.6	1070.6
120°	4312.3	4614.6	4312.3	4010.0	3934.5	3322.6	2506.8	2098.9	1881.9	1447.8	1122.3
122.5°	4094.1	4392.3	4094.1	3795.9	3721.4	3170.4	2435.8	2068.5	1871.8	1478.2	1183.1
125°	3782.8	4057.5	3782.8	3508.1	3439.4	2971.4	2347.3	2035.3	1863.3	1519.3	1261.2
127.5°	3502.8	3734.6	3502.8	3271.1	3213.1	2811.3	2275.4	2007.6	1858.5	1560.3	1336.6
130°	3337.9	3552.0	3337.9	3123.8	3070.3	2712.5	2235.5	1997.0	1861.4	1590.3	1386.9
132.5°	3188.2	3379.9	3188.2	2996.5	2948.5	2628.2	2201.2	1987.7	1863.3	1614.5	1428.0
135°	2983.0	3148.3	2983.0	2817.8	2776.5	2508.3	2150.7	1971.9	1861.6	1641.0	1475.6
137.5°	2818.5	2953.8	2818.5	2683.2	2649.4	2422.7	2120.4	1969.2	1873.0	1680.7	1536.4
140°	2705.6	2832.0	2705.6	2579.1	2547.5	2351.6	2090.5	1959.9	1874.9	1704.9	1577.5
142.5°	2612.1	2720.9	2612.1	2503.3	2476.1	2304.1	2074.6	1959.9	1881.7	1725.2	1607.9
145°	2471.7	2554.1	2471.7	2389.4	2368.8	2228.2	2040.5	1946.7	1881.7	1751.7	1654.2
147.5°	2364.1	2432.4	2364.1	2295.9	2278.8	2168.2	2020.5	1946.7	1894.7	1790.6	1712.4
150°	2296.4	2351.7	2296.4	2241.0	2227.2	2133.7	2009.1	1946.7	1901.4	1810.8	1742.9
152.5°	2238.5	2280.2	2238.5	2196.7	2186.2	2106.4	2000.0	1946.7	1905.8	1824.1	1762.8
155°	2171.8	2199.4	2171.8	2144.1	2137.2	2073.8	1989.1	1946.7	1915.6	1853.2	1806.4
157.5°	2119.2	2138.6	2119.2	2099.8	2094.9	2045.5	1979.6	1946.7	1925.3	1882.3	1850.1
160°	2087.7	2098.9	2087.7	2076.6	2073.8	2031.4	1974.9	1946.7	1929.7	1895.5	1870.0
162.5°	2067.1	2077.7	2067.1	2056.6	2053.9	2018.2	1970.6	1946.7	1934.4	1909.7	1891.1
165°	2037.4	2048.6	2037.4	2026.2	2023.4	1997.9	1963.8	1946.7	1941.1	1930.0	1921.5
167.5°	2016.1	2020.8	2016.1	2011.4	2010.2	1993.4	1971.1	1959.9	1955.3	1945.8	1938.7
170°	2010.2	2010.2	2010.2	2010.2	2010.2	1993.4	1971.1	1959.9	1959.6	1959.0	1958.6
172.5°	1994.4	1990.4	1994.4	1998.6	1999.6	1986.4	1968.8	1959.9	1959.9	1959.9	1959.9
175°	1985.1	1985.1	1985.1	1985.1	1985.1	1976.7	1965.6	1959.9	1962.6	1967.9	1971.9
177.5°	1976.6	1971.9	1976.6	1981.2	1982.4	1975.8	1967.0	1962.6	1964.6	1968.8	1971.9
180°	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2740.1	2724.8	2724.8	2699.2	2689.0	2681.3	2668.5	2630.2	2620.0	2609.8	2625.1
5°	2763.1	2735.0	2714.6	2668.5	2630.2	2614.9	2566.3	2474.3	2412.9	2366.9	2341.4
7.5°	2768.2	2732.4	2694.1	2622.5	2530.5	2489.6	2341.4	2172.6	2126.6	2085.7	2060.1
10°	2763.1	2722.2	2668.5	2561.2	2343.9	2272.4	2124.0	2014.1	1986.0	1978.3	1986.0
12.5°	2745.2	2706.9	2632.8	2453.8	2149.6	2101.0	2014.1	1950.2	1945.1	1957.9	2026.9
15°	2714.6	2678.8	2591.9	2310.7	2042.2	2006.5	1945.1	1922.1	1950.2	2039.7	2246.7
17.5°	2683.9	2643.0	2535.6	2170.0	1960.5	1934.9	1891.4	1937.4	2095.9	2216.1	2285.1
20°	2643.0	2594.4	2471.7	2067.8	1901.7	1878.7	1858.2	2065.2	2185.4	2228.8	2267.3
22.5°	2594.4	2543.3	2384.8	1996.2	1840.3	1822.4	1835.2	2136.8	2185.4	2216.1	2249.3
25°	2530.5	2487.1	2282.6	1940.0	1791.8	1771.3	1819.9	2129.1	2157.3	2164.9	2231.4
27.5°	2471.7	2415.5	2175.2	1888.9	1733.0	1725.3	1832.7	2095.9	2116.4	2124.0	2195.6
30°	2400.2	2315.8	2055.0	1835.2	1671.6	1669.1	1835.2	2055.0	2049.9	2070.4	2141.9
32.5°	2326.0	2167.5	1919.6	1768.8	1612.8	1610.3	1817.3	1993.7	1988.6	2016.7	2070.4
35°	2257.0	2052.5	1735.5	1692.1	1538.7	1541.3	1773.9	1922.1	1924.7	1950.2	1983.5
37.5°	2185.4	1952.8	1533.6	1607.7	1467.1	1467.1	1715.1	1855.7	1850.5	1858.2	1904.2
40°	2101.0	1796.9	1354.7	1497.8	1400.7	1393.0	1643.5	1784.1	1766.2	1763.6	1827.5
42.5°	2011.6	1625.6	1221.8	1352.1	1324.0	1313.8	1556.6	1697.2	1664.0	1671.6	1753.4
45°	1914.4	1579.6	1119.5	1142.5	1244.8	1237.1	1462.0	1597.5	1574.5	1594.9	1679.3
47.5°	1817.3	1487.6	1086.3	948.3	1160.4	1157.9	1357.2	1500.4	1487.6	1508.0	1597.5
50°	1684.4	1385.4	1083.7	812.8	1065.9	1076.1	1232.0	1405.8	1405.8	1423.7	1518.3
52.5°	1513.2	1260.1	984.1	736.1	955.9	986.6	1122.1	1324.0	1329.1	1347.0	1431.4
55°	1357.2	1129.8	912.5	677.3	825.6	892.0	1014.7	1239.7	1249.9	1267.8	1344.5
57.5°	1214.1	940.6	897.2	608.3	705.5	769.4	920.2	1157.9	1163.0	1178.3	1252.4
60°	1060.7	679.9	823.0	534.2	600.7	649.2	833.3	1060.7	1078.6	1088.9	1152.8
62.5°	886.9	493.3	746.4	483.1	549.5	559.8	761.7	968.7	991.7	999.4	1037.7
65°	631.3	414.1	633.9	439.6	495.9	498.4	685.0	874.2	894.6	907.4	935.5
67.5°	426.9	337.4	483.1	398.7	455.0	457.5	610.9	764.2	792.4	802.6	820.5
70°	296.5	224.9	357.8	355.3	409.0	414.1	531.6	664.6	690.1	697.8	708.0
72.5°	217.3	181.5	296.5	319.5	360.4	365.5	449.9	552.1	577.7	585.3	590.4
75°	166.1	191.7	240.3	278.6	306.7	309.3	368.1	449.9	467.7	472.9	475.4
77.5°	132.9	178.9	176.4	224.9	250.5	245.4	288.8	347.6	363.0	363.0	363.0
80°	99.7	140.6	132.9	161.0	184.0	178.9	207.0	247.9	253.0	258.2	255.6
82.5°	74.1	89.5	89.5	102.2	122.7	117.6	138.0	161.0	161.0	161.0	166.1
85°	46.0	51.1	40.9	53.7	69.0	66.5	76.7	86.9	89.5	89.5	84.3
87.5°	28.1	23.0	12.8	20.4	30.7	30.7	35.8	38.3	35.8	35.8	35.8
90°	34.4	23.8	13.2	23.8	34.4	37.1	58.2	86.4	100.5	89.4	67.1
92.5°	232.9	142.9	52.9	142.9	232.9	255.4	359.1	497.3	566.4	496.4	356.4
95°	456.4	291.7	127.0	291.7	456.4	497.6	883.5	1398.2	1655.5	1477.3	1120.9
97.5°	510.3	364.9	219.6	364.9	510.3	546.6	1190.2	2048.3	2477.4	2364.7	2139.5
100°	554.7	422.9	291.1	422.9	554.7	587.6	1301.8	2254.1	2730.1	2738.4	2754.9
102.5°	597.8	475.0	352.0	475.0	597.8	628.6	1353.0	2318.7	2801.6	2945.1	3232.1
105°	663.5	559.3	455.2	559.3	663.5	689.5	1390.9	2326.0	2793.6	3115.3	3758.9
107.5°	755.2	658.2	561.1	658.2	755.2	779.5	1398.0	2222.6	2634.9	3083.6	3981.1
110°	807.9	720.2	632.6	720.2	807.9	829.8	1387.3	2130.8	2502.5	3004.2	4007.6



TEST NUMBER: P935569
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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	869.7	786.2	702.7	786.2	869.7	890.6	1387.7	2050.7	2382.1	2895.6	3922.5
115°	962.7	885.6	808.5	885.6	962.7	981.9	1400.6	1958.7	2237.9	2732.5	3721.8
117.5°	1053.2	983.1	913.2	983.1	1053.2	1070.6	1426.6	1901.2	2138.6	2585.1	3477.9
120°	1105.8	1039.9	974.0	1039.9	1105.8	1122.3	1447.8	1881.9	2098.9	2506.8	3322.6
122.5°	1166.5	1100.0	1033.6	1100.0	1166.5	1183.1	1478.2	1871.8	2068.5	2435.8	3170.4
125°	1246.0	1185.5	1124.9	1185.5	1246.0	1261.2	1519.3	1863.3	2035.3	2347.3	2971.4
127.5°	1321.4	1260.2	1199.0	1260.2	1321.4	1336.6	1560.3	1858.5	2007.6	2275.4	2811.3
130°	1370.4	1304.6	1238.7	1304.6	1370.4	1386.9	1590.3	1861.4	1997.0	2235.5	2712.5
132.5°	1411.5	1345.6	1279.7	1345.6	1411.5	1428.0	1614.5	1863.3	1987.7	2201.2	2628.2
135°	1460.6	1400.6	1340.6	1400.6	1460.6	1475.6	1641.0	1861.6	1971.9	2150.7	2508.3
137.5°	1521.6	1462.2	1402.8	1462.2	1521.6	1536.4	1680.7	1873.0	1969.2	2120.4	2422.7
140°	1563.8	1509.1	1454.4	1509.1	1563.8	1577.5	1704.9	1874.9	1959.9	2090.5	2351.6
142.5°	1595.3	1544.7	1494.1	1544.7	1595.3	1607.9	1725.2	1881.7	1959.9	2074.6	2304.1
145°	1643.3	1599.1	1555.0	1599.1	1643.3	1654.2	1751.7	1881.7	1946.7	2040.5	2228.2
147.5°	1701.7	1658.8	1615.8	1658.8	1701.7	1712.4	1790.6	1894.7	1946.7	2020.5	2168.2
150°	1733.2	1694.4	1655.5	1694.4	1733.2	1742.9	1810.8	1901.4	1946.7	2009.1	2133.7
152.5°	1755.5	1726.0	1696.6	1726.0	1755.5	1762.8	1824.1	1905.8	1946.7	2000.0	2106.4
155°	1801.0	1779.2	1757.4	1779.2	1801.0	1806.4	1853.2	1915.6	1946.7	1989.1	2073.8
157.5°	1844.8	1823.6	1802.5	1823.6	1844.8	1850.1	1882.3	1925.3	1946.7	1979.6	2045.5
160°	1865.9	1849.4	1832.9	1849.4	1865.9	1870.0	1895.5	1929.7	1946.7	1974.9	2031.4
162.5°	1888.0	1875.7	1863.3	1875.7	1888.0	1891.1	1909.7	1934.4	1946.7	1970.6	2018.2
165°	1918.7	1907.5	1896.4	1907.5	1918.7	1921.5	1930.0	1941.1	1946.7	1963.8	1997.9
167.5°	1937.4	1932.2	1926.9	1932.2	1937.4	1938.7	1945.8	1955.3	1959.9	1971.1	1993.4
170°	1957.3	1952.0	1946.7	1952.0	1957.3	1958.6	1959.0	1959.6	1959.9	1971.1	1993.4
172.5°	1959.7	1958.5	1957.3	1958.5	1959.7	1959.9	1959.9	1959.9	1959.9	1968.8	1986.4
175°	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1967.9	1962.6	1959.9	1965.6	1976.7
177.5°	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1968.8	1964.6	1962.6	1967.0	1975.8
180°	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2607.2	2599.5	2609.8	2581.6	2609.8	2599.5	2607.2	2625.1	2609.8	2620.0	2630.2
5°	2287.7	2274.9	2233.9	2200.7	2233.9	2274.9	2287.7	2341.4	2366.9	2412.9	2474.3
7.5°	2044.8	2034.6	2024.4	2003.9	2024.4	2034.6	2044.8	2060.1	2085.7	2126.6	2172.6
10°	1991.1	1993.7	2009.0	2006.5	2009.0	1993.7	1991.1	1986.0	1978.3	1986.0	2014.1
12.5°	2129.1	2152.2	2236.5	2231.4	2236.5	2152.2	2129.1	2026.9	1957.9	1945.1	1950.2
15°	2287.7	2295.4	2313.3	2315.8	2313.3	2295.4	2287.7	2246.7	2039.7	1950.2	1922.1
17.5°	2303.0	2305.6	2318.4	2318.4	2318.4	2305.6	2303.0	2285.1	2216.1	2095.9	1937.4
20°	2290.3	2295.4	2320.9	2326.0	2320.9	2295.4	2290.3	2267.3	2228.8	2185.4	2065.2
22.5°	2285.1	2295.4	2315.8	2313.3	2315.8	2295.4	2285.1	2249.3	2216.1	2185.4	2136.8
25°	2259.6	2259.6	2262.1	2264.7	2262.1	2259.6	2259.6	2231.4	2164.9	2157.3	2129.1
27.5°	2205.8	2210.9	2226.3	2223.7	2226.3	2210.9	2205.8	2195.6	2124.0	2116.4	2095.9
30°	2157.3	2152.2	2139.4	2129.1	2139.4	2152.2	2157.3	2141.9	2070.4	2049.9	2055.0
32.5°	2075.5	2062.7	2049.9	2042.2	2049.9	2062.7	2075.5	2070.4	2016.7	1988.6	1993.7
35°	1978.3	1980.9	1978.3	1970.7	1978.3	1980.9	1978.3	1983.5	1950.2	1924.7	1922.1
37.5°	1909.3	1914.4	1911.9	1901.7	1911.9	1914.4	1909.3	1904.2	1858.2	1850.5	1855.7
40°	1837.8	1840.3	1837.8	1830.1	1837.8	1840.3	1837.8	1827.5	1763.6	1766.2	1784.1
42.5°	1768.8	1766.2	1758.5	1753.4	1758.5	1766.2	1768.8	1753.4	1671.6	1664.0	1697.2
45°	1689.5	1692.1	1676.7	1669.1	1676.7	1692.1	1689.5	1679.3	1594.9	1574.5	1597.5
47.5°	1610.3	1610.3	1597.5	1589.8	1597.5	1610.3	1610.3	1597.5	1508.0	1487.6	1500.4
50°	1525.9	1523.4	1505.5	1502.9	1505.5	1523.4	1525.9	1518.3	1423.7	1405.8	1405.8
52.5°	1428.8	1428.8	1431.4	1436.5	1431.4	1428.8	1428.8	1431.4	1347.0	1329.1	1324.0
55°	1344.5	1347.0	1364.9	1370.0	1364.9	1347.0	1344.5	1344.5	1267.8	1249.9	1239.7
57.5°	1257.6	1257.6	1270.3	1270.3	1270.3	1257.6	1257.6	1252.4	1178.3	1163.0	1157.9
60°	1157.9	1163.0	1173.2	1170.6	1173.2	1163.0	1157.9	1152.8	1088.9	1078.6	1060.7
62.5°	1053.1	1058.2	1060.7	1055.6	1060.7	1058.2	1053.1	1037.7	999.4	991.7	968.7
65°	943.2	948.3	950.8	945.7	950.8	948.3	943.2	935.5	907.4	894.6	874.2
67.5°	830.7	828.1	825.6	835.8	825.6	828.1	830.7	820.5	802.6	792.4	764.2
70°	715.7	715.7	713.1	718.2	713.1	715.7	715.7	708.0	697.8	690.1	664.6
72.5°	593.0	590.4	600.7	593.0	600.7	590.4	593.0	590.4	585.3	577.7	552.1
75°	472.9	478.0	472.9	480.5	472.9	478.0	472.9	475.4	472.9	467.7	449.9
77.5°	360.4	365.5	360.4	360.4	360.4	365.5	360.4	363.0	363.0	363.0	347.6
80°	255.6	253.0	253.0	250.5	253.0	253.0	255.6	255.6	258.2	253.0	247.9
82.5°	163.6	161.0	161.0	166.1	161.0	161.0	163.6	166.1	161.0	161.0	161.0
85°	89.5	92.0	86.9	86.9	86.9	92.0	89.5	84.3	89.5	89.5	86.9
87.5°	33.2	30.7	30.7	30.7	30.7	30.7	33.2	35.8	35.8	35.8	38.3
90°	50.3	50.3	50.3	50.3	50.3	50.3	50.3	67.1	89.4	100.5	86.4
92.5°	251.4	241.5	201.4	161.5	201.4	241.5	251.4	356.4	496.4	566.4	497.3
95°	853.6	823.3	702.1	581.0	702.1	823.3	853.6	1120.9	1477.3	1655.5	1398.2
97.5°	1970.5	1912.8	1682.3	1451.7	1682.3	1912.8	1970.5	2139.5	2364.7	2477.4	2048.3
100°	2767.2	2698.5	2423.9	2149.2	2423.9	2698.5	2767.2	2754.9	2738.4	2730.1	2254.1
102.5°	3447.4	3388.7	3153.3	2918.1	3153.3	3388.7	3447.4	3232.1	2945.1	2801.6	2318.7
105°	4241.4	4209.8	4083.4	3956.9	4083.4	4209.8	4241.4	3758.9	3115.3	2793.6	2326.0
107.5°	4654.3	4662.0	4692.6	4723.1	4692.6	4662.0	4654.3	3981.1	3083.6	2634.9	2222.6
110°	4760.2	4793.2	4924.9	5056.6	4924.9	4793.2	4760.2	4007.6	3004.2	2502.5	2130.8



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4692.7	4743.3	4945.6	5148.0	4945.6	4743.3	4692.7	3922.5	2895.6	2382.1	2050.7
115°	4463.8	4533.9	4814.5	5095.0	4814.5	4533.9	4463.8	3721.8	2732.5	2237.9	1958.7
117.5°	4147.5	4225.2	4536.4	4847.5	4536.4	4225.2	4147.5	3477.9	2585.1	2138.6	1901.2
120°	3934.5	4010.0	4312.3	4614.6	4312.3	4010.0	3934.5	3322.6	2506.8	2098.9	1881.9
122.5°	3721.4	3795.9	4094.1	4392.3	4094.1	3795.9	3721.4	3170.4	2435.8	2068.5	1871.8
125°	3439.4	3508.1	3782.8	4057.5	3782.8	3508.1	3439.4	2971.4	2347.3	2035.3	1863.3
127.5°	3213.1	3271.1	3502.8	3734.6	3502.8	3271.1	3213.1	2811.3	2275.4	2007.6	1858.5
130°	3070.3	3123.8	3337.9	3552.0	3337.9	3123.8	3070.3	2712.5	2235.5	1997.0	1861.4
132.5°	2948.5	2996.5	3188.2	3379.9	3188.2	2996.5	2948.5	2628.2	2201.2	1987.7	1863.3
135°	2776.5	2817.8	2983.0	3148.3	2983.0	2817.8	2776.5	2508.3	2150.7	1971.9	1861.6
137.5°	2649.4	2683.2	2818.5	2953.8	2818.5	2683.2	2649.4	2422.7	2120.4	1969.2	1873.0
140°	2547.5	2579.1	2705.6	2832.0	2705.6	2579.1	2547.5	2351.6	2090.5	1959.9	1874.9
142.5°	2476.1	2503.3	2612.1	2720.9	2612.1	2503.3	2476.1	2304.1	2074.6	1959.9	1881.7
145°	2368.8	2389.4	2471.7	2554.1	2471.7	2389.4	2368.8	2228.2	2040.5	1946.7	1881.7
147.5°	2278.8	2295.9	2364.1	2432.4	2364.1	2295.9	2278.8	2168.2	2020.5	1946.7	1894.7
150°	2227.2	2241.0	2296.4	2351.7	2296.4	2241.0	2227.2	2133.7	2009.1	1946.7	1901.4
152.5°	2186.2	2196.7	2238.5	2280.2	2238.5	2196.7	2186.2	2106.4	2000.0	1946.7	1905.8
155°	2137.2	2144.1	2171.8	2199.4	2171.8	2144.1	2137.2	2073.8	1989.1	1946.7	1915.6
157.5°	2094.9	2099.8	2119.2	2138.6	2119.2	2099.8	2094.9	2045.5	1979.6	1946.7	1925.3
160°	2073.8	2076.6	2087.7	2098.9	2087.7	2076.6	2073.8	2031.4	1974.9	1946.7	1929.7
162.5°	2053.9	2056.6	2067.1	2077.7	2067.1	2056.6	2053.9	2018.2	1970.6	1946.7	1934.4
165°	2023.4	2026.2	2037.4	2048.6	2037.4	2026.2	2023.4	1997.9	1963.8	1946.7	1941.1
167.5°	2010.2	2011.4	2016.1	2020.8	2016.1	2011.4	2010.2	1993.4	1971.1	1959.9	1955.3
170°	2010.2	2010.2	2010.2	2010.2	2010.2	2010.2	2010.2	1993.4	1971.1	1959.9	1959.6
172.5°	1999.6	1998.6	1994.4	1990.4	1994.4	1998.6	1999.6	1986.4	1968.8	1959.9	1959.9
175°	1985.1	1985.1	1985.1	1985.1	1985.1	1985.1	1985.1	1976.7	1965.6	1959.9	1962.6
177.5°	1982.4	1981.2	1976.6	1971.9	1976.6	1981.2	1982.4	1975.8	1967.0	1962.6	1964.6
180°	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9	1971.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2701.8	2701.8	2701.8	2701.8	2701.8
2.5°	2668.5	2681.3	2689.0	2699.2	2724.8
5°	2566.3	2614.9	2630.2	2668.5	2714.6
7.5°	2341.4	2489.6	2530.5	2622.5	2694.1
10°	2124.0	2272.4	2343.9	2561.2	2668.5
12.5°	2014.1	2101.0	2149.6	2453.8	2632.8
15°	1945.1	2006.5	2042.2	2310.7	2591.9
17.5°	1891.4	1934.9	1960.5	2170.0	2535.6
20°	1858.2	1878.7	1901.7	2067.8	2471.7
22.5°	1835.2	1822.4	1840.3	1996.2	2384.8
25°	1819.9	1771.3	1791.8	1940.0	2282.6
27.5°	1832.7	1725.3	1733.0	1888.9	2175.2
30°	1835.2	1669.1	1671.6	1835.2	2055.0
32.5°	1817.3	1610.3	1612.8	1768.8	1919.6
35°	1773.9	1541.3	1538.7	1692.1	1735.5
37.5°	1715.1	1467.1	1467.1	1607.7	1533.6
40°	1643.5	1393.0	1400.7	1497.8	1354.7
42.5°	1556.6	1313.8	1324.0	1352.1	1221.8
45°	1462.0	1237.1	1244.8	1142.5	1119.5
47.5°	1357.2	1157.9	1160.4	948.3	1086.3
50°	1232.0	1076.1	1065.9	812.8	1083.7
52.5°	1122.1	986.6	955.9	736.1	984.1
55°	1014.7	892.0	825.6	677.3	912.5
57.5°	920.2	769.4	705.5	608.3	897.2
60°	833.3	649.2	600.7	534.2	823.0
62.5°	761.7	559.8	549.5	483.1	746.4
65°	685.0	498.4	495.9	439.6	633.9
67.5°	610.9	457.5	455.0	398.7	483.1
70°	531.6	414.1	409.0	355.3	357.8
72.5°	449.9	365.5	360.4	319.5	296.5
75°	368.1	309.3	306.7	278.6	240.3
77.5°	288.8	245.4	250.5	224.9	176.4
80°	207.0	178.9	184.0	161.0	132.9
82.5°	138.0	117.6	122.7	102.2	89.5
85°	76.7	66.5	69.0	53.7	40.9
87.5°	35.8	30.7	30.7	20.4	12.8
90°	58.2	37.1	34.4	23.8	13.2
92.5°	359.1	255.4	232.9	142.9	52.9
95°	883.5	497.6	456.4	291.7	127.0
97.5°	1190.2	546.6	510.3	364.9	219.6
100°	1301.8	587.6	554.7	422.9	291.1
102.5°	1353.0	628.6	597.8	475.0	352.0
105°	1390.9	689.5	663.5	559.3	455.2
107.5°	1398.0	779.5	755.2	658.2	561.1
110°	1387.3	829.8	807.9	720.2	632.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1387.7	890.6	869.7	786.2	702.7
115°	1400.6	981.9	962.7	885.6	808.5
117.5°	1426.6	1070.6	1053.2	983.1	913.2
120°	1447.8	1122.3	1105.8	1039.9	974.0
122.5°	1478.2	1183.1	1166.5	1100.0	1033.6
125°	1519.3	1261.2	1246.0	1185.5	1124.9
127.5°	1560.3	1336.6	1321.4	1260.2	1199.0
130°	1590.3	1386.9	1370.4	1304.6	1238.7
132.5°	1614.5	1428.0	1411.5	1345.6	1279.7
135°	1641.0	1475.6	1460.6	1400.6	1340.6
137.5°	1680.7	1536.4	1521.6	1462.2	1402.8
140°	1704.9	1577.5	1563.8	1509.1	1454.4
142.5°	1725.2	1607.9	1595.3	1544.7	1494.1
145°	1751.7	1654.2	1643.3	1599.1	1555.0
147.5°	1790.6	1712.4	1701.7	1658.8	1615.8
150°	1810.8	1742.9	1733.2	1694.4	1655.5
152.5°	1824.1	1762.8	1755.5	1726.0	1696.6
155°	1853.2	1806.4	1801.0	1779.2	1757.4
157.5°	1882.3	1850.1	1844.8	1823.6	1802.5
160°	1895.5	1870.0	1865.9	1849.4	1832.9
162.5°	1909.7	1891.1	1888.0	1875.7	1863.3
165°	1930.0	1921.5	1918.7	1907.5	1896.4
167.5°	1945.8	1938.7	1937.4	1932.2	1926.9
170°	1959.0	1958.6	1957.3	1952.0	1946.7
172.5°	1959.9	1959.9	1959.7	1958.5	1957.3
175°	1967.9	1971.9	1971.9	1971.9	1971.9
177.5°	1968.8	1971.9	1971.9	1971.9	1971.9
180°	1971.9	1971.9	1971.9	1971.9	1971.9



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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	10.67	11.41	11.74	12.48	13.95	13.52	14.26	14.59	15.34	16.80
	3H	11.13	11.80	12.22	12.88	14.37	14.86	15.53	15.94	16.61	18.09
	4H	11.32	11.95	12.41	13.04	14.52	15.30	15.94	16.40	17.02	18.51
	6H	11.43	12.01	12.53	13.10	14.60	15.59	16.17	16.69	17.26	18.76
	8H	11.43	11.98	12.54	13.09	14.58	15.66	16.21	16.77	17.32	18.81
	12H	11.40	11.92	12.51	13.02	14.54	15.70	16.22	16.81	17.32	18.84
4H	2H	11.69	12.32	12.79	13.40	14.89	13.91	14.54	15.01	15.63	17.12
	3H	12.71	13.23	13.81	14.34	15.85	15.41	15.94	16.52	17.05	18.55
	4H	12.98	13.46	14.09	14.56	16.08	15.94	16.42	17.05	17.52	19.05
	6H	13.09	13.51	14.21	14.63	16.15	16.30	16.72	17.42	17.84	19.36
	8H	13.10	13.48	14.22	14.60	16.13	16.41	16.80	17.53	17.91	19.45
	12H	13.06	13.41	14.19	14.54	16.07	16.47	16.82	17.60	17.94	19.48
8H	4H	13.42	13.81	14.54	14.93	16.46	16.05	16.44	17.17	17.56	19.09
	6H	13.68	14.00	14.82	15.16	16.69	16.49	16.81	17.63	17.97	19.50
	8H	13.72	14.00	14.87	15.14	16.69	16.65	16.92	17.79	18.06	19.61
	12H	13.70	13.95	14.85	15.08	16.67	16.74	16.99	17.89	18.12	19.71
12H	4H	13.42	13.78	14.56	14.90	16.44	16.01	16.36	17.15	17.49	19.03
	6H	13.74	14.02	14.89	15.16	16.71	16.49	16.77	17.63	17.91	19.45
	8H	13.80	14.05	14.95	15.18	16.77	16.65	16.89	17.80	18.03	19.61