

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: P935526

Luminaire Tested: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935526
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-92765-1D-UNV-STD-W-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

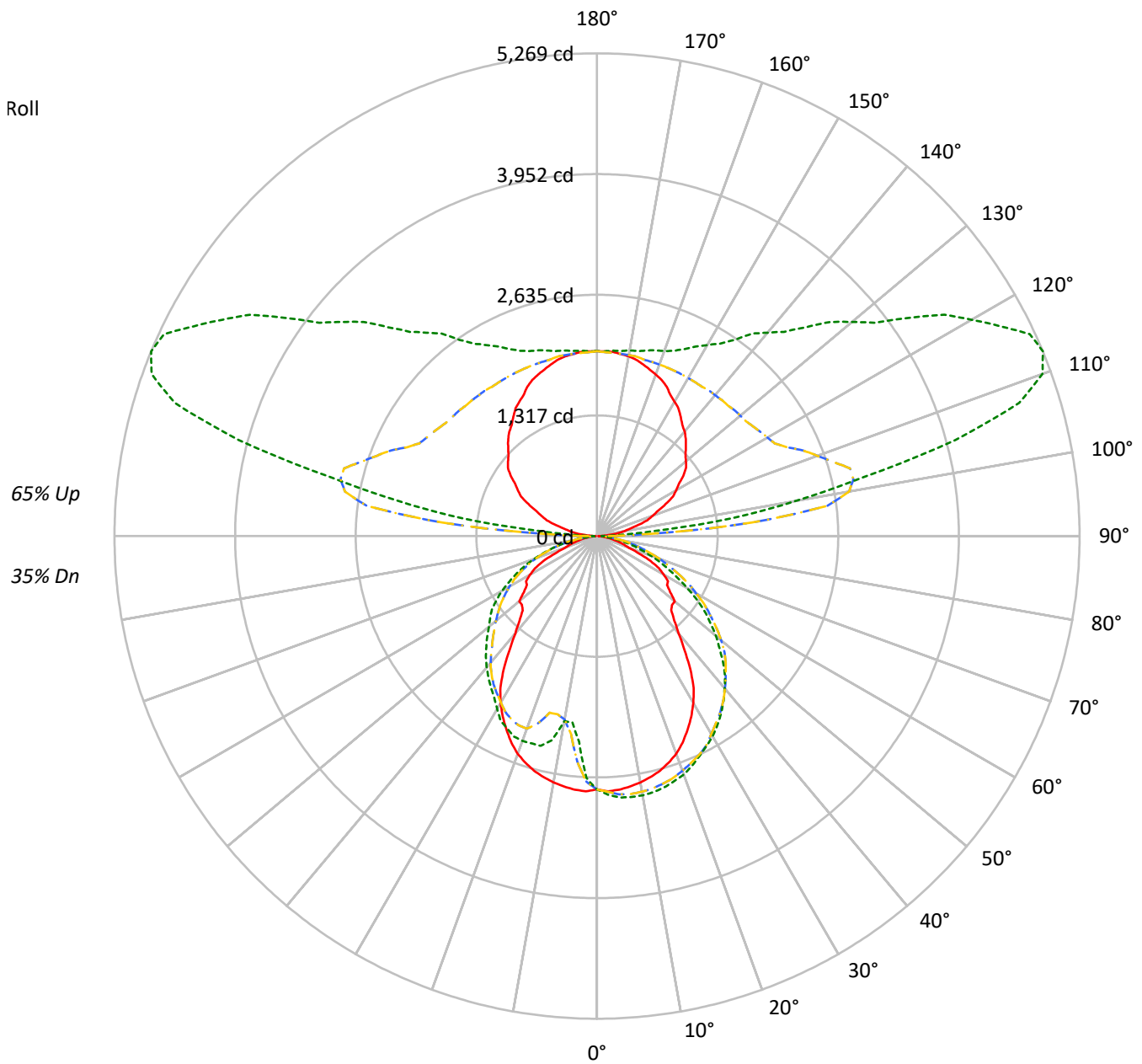
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20260.7 lumens
Efficiency: N/A
Efficacy: 121.5 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	
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	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8553	8553	8553	8553
5°	8620	8634	8620	6789
10°	8566	8505	8566	6080
15°	8476	8321	8476	6948
20°	8302	8102	8302	6962
25°	7943	7784	7943	6815
30°	7476	7520	7476	6491
35°	6668	7185	6668	6135
40°	5559	6792	5559	5866
45°	4971	6331	4971	5557
50°	5285	5781	5285	5246
55°	4977	5189	4977	5066
60°	5137	4407	5137	4641
65°	4665	3643	4665	4073
70°	3239	2903	3239	3414
75°	2850	2146	2850	2570
80°	2313	1419	2313	1545
85°	1358	751	1358	638

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7614 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	249.6	1.2
10°-20°	708.7	3.5
20°-30°	1095.6	5.4
30°-40°	1307.8	6.5
40°-50°	1315.5	6.5
50°-60°	1144.6	5.6
60°-70°	811.6	4.0
70°-80°	429.4	2.1
80°-90°	114.6	0.6
90°-100°	983.8	4.9
100°-110°	2586.4	12.8
110°-120°	2681.8	13.2
120°-130°	2151.1	10.6
130°-140°	1687.9	8.3
140°-150°	1295.5	6.4
150°-160°	933.0	4.6
160°-170°	570.9	2.8
170°-180°	192.9	1.0
0°-30°	2053.9	10.1
0°-40°	3361.8	16.6
0°-60°	5821.9	28.7
0°-90°	7177.5	35.4
90°-120°	6252.0	30.9
90°-150°	11386.5	56.2
90°-180°	13083.0	64.6
0°-180°	20260.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2765	2765	2765	2765	2765	
5°	2778	2865	2778	2252	2778	264
15°	2653	2839	2653	2370	2653	746
25°	2336	2648	2336	2318	2336	1073
35°	1776	2362	1776	2017	1776	1099
45°	1146	1946	1146	1708	1146	918
55°	934	1436	934	1402	934	858
65°	649	866	649	968	649	620
75°	246	411	246	492	246	259
85°	42	105	42	89	42	57
90°	14	52	14	52	14	13
95°	130	595	130	595	130	144
105°	466	4050	466	4050	466	494
115°	828	5215	828	5215	828	817
125°	1151	4153	1151	4153	1151	1022
135°	1372	3222	1372	3222	1372	1062
145°	1592	2614	1592	2614	1592	997
155°	1799	2251	1799	2251	1799	826
165°	1941	2097	1941	2097	1941	548
175°	2018	2032	2018	2032	2018	192
180°	2018	2018	2018	2018	2018	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3
2.5°	2788.9	2788.9	2804.5	2809.8	2809.8	2801.9	2794.1	2801.9	2825.5	2833.3	2830.7
5°	2778.4	2799.3	2828.1	2833.3	2838.6	2835.9	2830.7	2835.9	2862.1	2867.3	2870.0
7.5°	2757.5	2796.7	2833.3	2841.2	2849.0	2841.2	2838.6	2843.8	2870.0	2875.2	2875.2
10°	2731.3	2786.2	2828.1	2833.3	2841.2	2833.3	2833.3	2843.8	2870.0	2875.2	2877.8
12.5°	2694.7	2770.5	2809.8	2815.0	2825.5	2822.9	2820.2	2830.7	2856.9	2862.1	2862.1
15°	2652.8	2741.8	2778.4	2783.6	2801.9	2796.7	2796.7	2807.2	2835.9	2843.8	2841.2
17.5°	2595.3	2705.1	2747.0	2754.8	2767.9	2765.3	2767.9	2778.4	2804.5	2809.8	2812.4
20°	2529.9	2655.4	2705.1	2713.0	2726.1	2726.1	2726.1	2739.1	2765.3	2775.8	2775.8
22.5°	2440.9	2603.1	2655.4	2660.7	2676.4	2676.4	2681.6	2699.9	2723.4	2726.1	2726.1
25°	2336.3	2545.6	2590.0	2605.7	2621.4	2629.3	2637.1	2647.6	2655.4	2652.8	2655.4
27.5°	2226.3	2472.3	2529.9	2540.3	2561.3	2569.1	2579.6	2582.2	2584.8	2592.6	2587.4
30°	2103.3	2370.3	2456.6	2467.1	2501.1	2506.3	2495.8	2501.1	2514.2	2519.4	2524.6
32.5°	1964.7	2218.5	2380.7	2404.3	2435.7	2420.0	2417.4	2425.2	2446.1	2446.1	2451.4
35°	1776.3	2100.7	2310.1	2331.0	2354.6	2336.3	2346.7	2349.3	2362.4	2370.3	2367.7
37.5°	1569.7	1998.7	2236.8	2252.5	2270.8	2247.2	2262.9	2270.8	2281.2	2276.0	2276.0
40°	1386.5	1839.1	2150.4	2160.9	2176.6	2158.3	2174.0	2179.2	2184.4	2179.2	2176.6
42.5°	1250.5	1663.8	2058.9	2072.0	2061.5	2074.6	2079.8	2090.3	2082.4	2072.0	2072.0
45°	1145.9	1616.8	1959.5	1975.2	1959.5	1980.4	1988.2	1988.2	1964.7	1959.5	1956.8
47.5°	1111.8	1522.6	1860.0	1860.0	1852.2	1878.4	1891.4	1873.1	1849.6	1841.7	1841.7
50°	1109.2	1417.9	1724.0	1713.5	1750.2	1781.6	1768.5	1750.2	1731.9	1703.1	1703.1
52.5°	1007.2	1289.7	1548.7	1588.0	1645.5	1663.8	1642.9	1624.6	1593.2	1580.1	1569.7
55°	933.9	1156.3	1389.2	1467.6	1527.8	1551.3	1512.1	1493.8	1446.7	1438.9	1433.6
57.5°	918.3	962.7	1242.6	1342.1	1415.3	1412.7	1389.2	1355.1	1315.9	1308.1	1305.4
60°	842.4	695.9	1085.7	1203.4	1279.3	1271.4	1250.5	1219.1	1182.5	1177.2	1172.0
62.5°	763.9	504.9	907.8	1041.2	1148.5	1145.9	1127.5	1080.5	1054.3	1041.2	1030.7
65°	648.8	423.8	646.2	865.9	1020.3	1025.5	986.3	952.3	923.5	907.8	905.2
67.5°	494.4	345.3	436.9	722.0	897.3	892.1	842.4	826.7	790.1	782.2	766.5
70°	366.3	230.2	303.5	586.0	777.0	763.9	724.7	706.3	672.3	654.0	643.6
72.5°	303.5	185.7	222.4	455.2	654.0	638.3	604.3	583.4	554.6	538.9	528.5
75°	245.9	196.2	170.0	337.5	531.1	520.6	489.2	468.3	444.7	423.8	426.4
77.5°	180.5	183.1	136.0	248.5	421.2	405.5	387.2	361.0	350.6	329.6	329.6
80°	136.0	143.9	102.0	170.0	303.5	303.5	287.8	269.5	251.1	240.7	240.7
82.5°	91.6	91.6	75.9	107.3	206.7	198.8	188.4	183.1	172.7	167.4	167.4
85°	41.9	52.3	47.1	65.4	112.5	117.7	117.7	112.5	109.9	104.6	107.3
87.5°	13.1	23.5	28.8	36.6	57.6	60.2	62.8	62.8	62.8	65.4	65.4
90°	13.5	24.3	35.2	37.9	59.6	88.4	102.9	91.5	68.6	51.5	51.5
92.5°	54.2	146.2	238.4	261.4	367.6	509.0	579.7	508.0	364.8	257.3	247.1
95°	130.0	298.6	467.1	509.3	904.3	1431.1	1694.4	1512.0	1147.2	873.7	842.6
97.5°	224.8	373.5	522.3	559.4	1218.1	2096.5	2535.6	2420.3	2189.8	2016.8	1957.8
100°	298.0	432.9	567.7	601.4	1332.4	2307.1	2794.3	2802.8	2819.6	2832.3	2762.0
102.5°	360.3	486.2	611.9	643.4	1384.8	2373.2	2867.5	3014.4	3308.1	3528.5	3468.3
105°	465.9	572.5	679.1	705.7	1423.6	2380.7	2859.3	3188.6	3847.2	4341.2	4308.8
107.5°	574.3	673.6	773.0	797.8	1430.8	2274.9	2696.9	3156.2	4074.8	4763.7	4771.6
110°	647.5	737.1	826.9	849.3	1419.9	2180.9	2561.3	3074.9	4101.9	4872.1	4905.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	719.3	804.7	890.2	911.5	1420.4	2098.9	2438.1	2963.7	4014.8	4803.1	4854.9
115°	827.6	906.4	985.3	1005.0	1433.5	2004.8	2290.5	2796.8	3809.3	4568.8	4640.5
117.5°	934.6	1006.2	1077.9	1095.8	1460.1	1945.9	2188.9	2645.8	3559.6	4245.0	4324.6
120°	996.9	1064.3	1131.8	1148.6	1481.8	1926.1	2148.3	2565.8	3400.8	4027.0	4104.3
122.5°	1057.9	1125.9	1193.9	1210.9	1513.0	1915.8	2117.1	2493.1	3244.9	3808.9	3885.2
125°	1151.3	1213.3	1275.3	1290.9	1555.0	1907.1	2083.2	2402.5	3041.3	3520.3	3590.6
127.5°	1227.2	1289.8	1352.4	1368.0	1597.0	1902.2	2054.8	2328.9	2877.4	3288.7	3348.0
130°	1267.9	1335.3	1402.7	1419.5	1627.7	1905.2	2044.0	2288.0	2776.3	3142.5	3197.2
132.5°	1309.8	1377.2	1444.7	1461.5	1652.5	1907.1	2034.5	2253.0	2690.1	3017.8	3066.9
135°	1372.1	1433.5	1494.9	1510.3	1679.6	1905.4	2018.2	2201.3	2567.3	2841.8	2884.1
137.5°	1435.8	1496.6	1557.4	1572.5	1720.2	1917.1	2015.5	2170.2	2479.6	2711.7	2746.3
140°	1488.6	1544.5	1600.5	1614.6	1745.0	1919.0	2006.0	2139.6	2406.9	2607.4	2639.7
142.5°	1529.2	1581.0	1632.8	1645.7	1765.8	1926.0	2006.0	2123.4	2358.2	2534.3	2562.1
145°	1591.5	1636.7	1681.9	1693.1	1792.9	1926.0	1992.5	2088.5	2280.5	2424.5	2445.6
147.5°	1653.8	1697.8	1741.7	1752.7	1832.7	1939.2	1992.5	2068.0	2219.2	2332.4	2349.9
150°	1694.4	1734.2	1774.0	1783.9	1853.4	1946.1	1992.5	2056.3	2183.9	2279.6	2293.7
152.5°	1736.5	1766.6	1796.7	1804.2	1867.0	1950.7	1992.5	2047.0	2155.9	2237.6	2248.4
155°	1798.7	1821.1	1843.3	1848.9	1896.8	1960.6	1992.5	2035.9	2122.5	2187.5	2194.6
157.5°	1844.9	1866.5	1888.2	1893.6	1926.6	1970.5	1992.5	2026.2	2093.6	2144.2	2149.1
160°	1876.0	1892.8	1909.8	1913.9	1940.1	1975.1	1992.5	2021.4	2079.2	2122.5	2125.4
162.5°	1907.1	1919.8	1932.4	1935.6	1954.6	1979.9	1992.5	2016.9	2065.7	2102.2	2104.9
165°	1941.0	1952.4	1963.8	1966.7	1975.3	1986.8	1992.5	2010.0	2044.8	2071.0	2073.9
167.5°	1972.2	1977.6	1983.0	1984.3	1991.6	2001.2	2006.0	2017.5	2040.3	2057.5	2058.7
170°	1992.5	1997.9	2003.3	2004.6	2005.1	2005.7	2006.0	2017.5	2040.3	2057.5	2057.5
172.5°	2003.3	2004.5	2005.8	2006.0	2006.0	2006.0	2006.0	2015.1	2033.1	2046.7	2045.6
175°	2018.2	2018.2	2018.2	2018.2	2014.1	2008.7	2006.0	2011.8	2023.2	2031.8	2031.8
177.5°	2018.2	2018.2	2018.2	2018.2	2015.1	2010.8	2008.7	2013.3	2022.2	2029.0	2027.8
180°	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3
2.5°	2835.9	2828.1	2835.9	2830.7	2833.3	2825.5	2801.9	2794.1	2801.9	2809.8	2809.8
5°	2870.0	2864.7	2870.0	2870.0	2867.3	2862.1	2835.9	2830.7	2835.9	2838.6	2833.3
7.5°	2880.4	2872.6	2880.4	2875.2	2875.2	2870.0	2843.8	2838.6	2841.2	2849.0	2841.2
10°	2880.4	2872.6	2880.4	2877.8	2875.2	2870.0	2843.8	2833.3	2833.3	2841.2	2833.3
12.5°	2867.3	2862.1	2867.3	2862.1	2862.1	2856.9	2830.7	2820.2	2822.9	2825.5	2815.0
15°	2846.4	2838.6	2846.4	2841.2	2843.8	2835.9	2807.2	2796.7	2796.7	2801.9	2783.6
17.5°	2815.0	2804.5	2815.0	2812.4	2809.8	2804.5	2778.4	2767.9	2765.3	2767.9	2754.8
20°	2778.4	2770.5	2778.4	2775.8	2775.8	2765.3	2739.1	2726.1	2726.1	2726.1	2713.0
22.5°	2720.8	2713.0	2720.8	2726.1	2726.1	2723.4	2699.9	2681.6	2676.4	2676.4	2660.7
25°	2655.4	2647.6	2655.4	2655.4	2652.8	2655.4	2647.6	2637.1	2629.3	2621.4	2605.7
27.5°	2592.6	2587.4	2592.6	2587.4	2592.6	2584.8	2582.2	2579.6	2569.1	2561.3	2540.3
30°	2529.9	2524.6	2529.9	2524.6	2519.4	2514.2	2501.1	2495.8	2506.3	2501.1	2467.1
32.5°	2451.4	2446.1	2451.4	2451.4	2446.1	2446.1	2425.2	2417.4	2420.0	2435.7	2404.3
35°	2370.3	2362.4	2370.3	2367.7	2370.3	2362.4	2349.3	2346.7	2336.3	2354.6	2331.0
37.5°	2276.0	2268.2	2276.0	2276.0	2276.0	2281.2	2270.8	2262.9	2247.2	2270.8	2252.5
40°	2179.2	2168.7	2179.2	2176.6	2179.2	2184.4	2179.2	2174.0	2158.3	2176.6	2160.9
42.5°	2069.3	2066.7	2069.3	2072.0	2072.0	2082.4	2090.3	2079.8	2074.6	2061.5	2072.0
45°	1951.6	1946.4	1951.6	1956.8	1959.5	1964.7	1988.2	1988.2	1980.4	1959.5	1975.2
47.5°	1826.0	1813.0	1826.0	1841.7	1841.7	1849.6	1873.1	1891.4	1878.4	1852.2	1860.0
50°	1692.6	1695.2	1692.6	1703.1	1703.1	1731.9	1750.2	1768.5	1781.6	1750.2	1713.5
52.5°	1561.8	1559.2	1561.8	1569.7	1580.1	1593.2	1624.6	1642.9	1663.8	1645.5	1588.0
55°	1431.0	1436.2	1431.0	1433.6	1438.9	1446.7	1493.8	1512.1	1551.3	1527.8	1467.6
57.5°	1300.2	1292.4	1300.2	1305.4	1308.1	1315.9	1355.1	1389.2	1412.7	1415.3	1342.1
60°	1148.5	1138.0	1148.5	1172.0	1177.2	1182.5	1219.1	1250.5	1271.4	1279.3	1203.4
62.5°	1015.0	996.7	1015.0	1030.7	1041.2	1054.3	1080.5	1127.5	1145.9	1148.5	1041.2
65°	873.8	865.9	873.8	905.2	907.8	923.5	952.3	986.3	1025.5	1020.3	865.9
67.5°	745.6	745.6	745.6	766.5	782.2	790.1	826.7	842.4	892.1	897.3	722.0
70°	627.9	625.2	627.9	643.6	654.0	672.3	706.3	724.7	763.9	777.0	586.0
72.5°	515.4	512.8	515.4	528.5	538.9	554.6	583.4	604.3	638.3	654.0	455.2
75°	416.0	410.7	416.0	426.4	423.8	444.7	468.3	489.2	520.6	531.1	337.5
77.5°	319.2	319.2	319.2	329.6	329.6	350.6	361.0	387.2	405.5	421.2	248.5
80°	238.1	235.4	238.1	240.7	240.7	251.1	269.5	287.8	303.5	303.5	170.0
82.5°	167.4	162.2	167.4	167.4	167.4	172.7	183.1	188.4	198.8	206.7	107.3
85°	104.6	104.6	104.6	107.3	104.6	109.9	112.5	117.7	117.7	112.5	65.4
87.5°	68.0	65.4	68.0	65.4	65.4	62.8	62.8	62.8	60.2	57.6	36.6
90°	51.5	51.5	51.5	51.5	51.5	68.6	91.5	102.9	88.4	59.6	37.9
92.5°	206.1	165.3	206.1	247.1	257.3	364.8	508.0	579.7	509.0	367.6	261.4
95°	718.6	594.6	718.6	842.6	873.7	1147.2	1512.0	1694.4	1431.1	904.3	509.3
97.5°	1721.8	1485.9	1721.8	1957.8	2016.8	2189.8	2420.3	2535.6	2096.5	1218.1	559.4
100°	2480.8	2199.7	2480.8	2762.0	2832.3	2819.6	2802.8	2794.3	2307.1	1332.4	601.4
102.5°	3227.5	2986.7	3227.5	3468.3	3528.5	3308.1	3014.4	2867.5	2373.2	1384.8	643.4
105°	4179.4	4050.0	4179.4	4308.8	4341.2	3847.2	3188.6	2859.3	2380.7	1423.6	705.7
107.5°	4802.9	4834.2	4802.9	4771.6	4763.7	4074.8	3156.2	2696.9	2274.9	1430.8	797.8
110°	5040.7	5175.5	5040.7	4905.9	4872.1	4101.9	3074.9	2561.3	2180.9	1419.9	849.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5061.9	5269.0	5061.9	4854.9	4803.1	4014.8	2963.7	2438.1	2098.9	1420.4	911.5
115°	4927.7	5214.9	4927.7	4640.5	4568.8	3809.3	2796.8	2290.5	2004.8	1433.5	1005.0
117.5°	4643.1	4961.5	4643.1	4324.6	4245.0	3559.6	2645.8	2188.9	1945.9	1460.1	1095.8
120°	4413.7	4723.1	4413.7	4104.3	4027.0	3400.8	2565.8	2148.3	1926.1	1481.8	1148.6
122.5°	4190.4	4495.6	4190.4	3885.2	3808.9	3244.9	2493.1	2117.1	1915.8	1513.0	1210.9
125°	3871.7	4152.9	3871.7	3590.6	3520.3	3041.3	2402.5	2083.2	1907.1	1555.0	1290.9
127.5°	3585.2	3822.4	3585.2	3348.0	3288.7	2877.4	2328.9	2054.8	1902.2	1597.0	1368.0
130°	3416.4	3635.5	3416.4	3197.2	3142.5	2776.3	2288.0	2044.0	1905.2	1627.7	1419.5
132.5°	3263.2	3459.4	3263.2	3066.9	3017.8	2690.1	2253.0	2034.5	1907.1	1652.5	1461.5
135°	3053.2	3222.3	3053.2	2884.1	2841.8	2567.3	2201.3	2018.2	1905.4	1679.6	1510.3
137.5°	2884.8	3023.3	2884.8	2746.3	2711.7	2479.6	2170.2	2015.5	1917.1	1720.2	1572.5
140°	2769.2	2898.6	2769.2	2639.7	2607.4	2406.9	2139.6	2006.0	1919.0	1745.0	1614.6
142.5°	2673.5	2784.8	2673.5	2562.1	2534.3	2358.2	2123.4	2006.0	1926.0	1765.8	1645.7
145°	2529.9	2614.2	2529.9	2445.6	2424.5	2280.5	2088.5	1992.5	1926.0	1792.9	1693.1
147.5°	2419.7	2489.6	2419.7	2349.9	2332.4	2219.2	2068.0	1992.5	1939.2	1832.7	1752.7
150°	2350.4	2407.0	2350.4	2293.7	2279.6	2183.9	2056.3	1992.5	1946.1	1853.4	1783.9
152.5°	2291.1	2333.8	2291.1	2248.4	2237.6	2155.9	2047.0	1992.5	1950.7	1867.0	1804.2
155°	2222.9	2251.2	2222.9	2194.6	2187.5	2122.5	2035.9	1992.5	1960.6	1896.8	1848.9
157.5°	2169.0	2188.9	2169.0	2149.1	2144.2	2093.6	2026.2	1992.5	1970.5	1926.6	1893.6
160°	2136.8	2148.3	2136.8	2125.4	2122.5	2079.2	2021.4	1992.5	1975.1	1940.1	1913.9
162.5°	2115.7	2126.5	2115.7	2104.9	2102.2	2065.7	2016.9	1992.5	1979.9	1954.6	1935.6
165°	2085.3	2096.8	2085.3	2073.9	2071.0	2044.8	2010.0	1992.5	1986.8	1975.3	1966.7
167.5°	2063.5	2068.3	2063.5	2058.7	2057.5	2040.3	2017.5	2006.0	2001.2	1991.6	1984.3
170°	2057.5	2057.5	2057.5	2057.5	2057.5	2040.3	2017.5	2006.0	2005.7	2005.1	2004.6
172.5°	2041.3	2037.2	2041.3	2045.6	2046.7	2033.1	2015.1	2006.0	2006.0	2006.0	2006.0
175°	2031.8	2031.8	2031.8	2031.8	2031.8	2023.2	2011.8	2006.0	2008.7	2014.1	2018.2
177.5°	2023.0	2018.2	2023.0	2027.8	2029.0	2022.2	2013.3	2008.7	2010.8	2015.1	2018.2
180°	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3
2.5°	2804.5	2788.9	2788.9	2762.7	2752.2	2744.4	2731.3	2692.1	2681.6	2671.1	2686.8
5°	2828.1	2799.3	2778.4	2731.3	2692.1	2676.4	2626.7	2532.5	2469.7	2422.6	2396.4
7.5°	2833.3	2796.7	2757.5	2684.2	2590.0	2548.2	2396.4	2223.7	2176.6	2134.7	2108.6
10°	2828.1	2786.2	2731.3	2621.4	2399.1	2325.8	2174.0	2061.5	2032.7	2024.9	2032.7
12.5°	2809.8	2770.5	2694.7	2511.5	2200.1	2150.4	2061.5	1996.1	1990.9	2003.9	2074.6
15°	2778.4	2741.8	2652.8	2365.0	2090.3	2053.6	1990.9	1967.3	1996.1	2087.6	2299.6
17.5°	2747.0	2705.1	2595.3	2221.1	2006.6	1980.4	1935.9	1983.0	2145.2	2268.2	2338.9
20°	2705.1	2655.4	2529.9	2116.4	1946.4	1922.8	1901.9	2113.8	2236.8	2281.2	2320.6
22.5°	2655.4	2603.1	2440.9	2043.2	1883.6	1865.3	1878.4	2187.1	2236.8	2268.2	2302.2
25°	2590.0	2545.6	2336.3	1985.6	1833.9	1813.0	1862.7	2179.2	2208.0	2215.8	2283.9
27.5°	2529.9	2472.3	2226.3	1933.3	1773.7	1765.9	1875.7	2145.2	2166.1	2174.0	2247.2
30°	2456.6	2370.3	2103.3	1878.4	1710.9	1708.3	1878.4	2103.3	2098.1	2119.0	2192.3
32.5°	2380.7	2218.5	1964.7	1810.3	1650.8	1648.1	1860.0	2040.6	2035.3	2064.1	2119.0
35°	2310.1	2100.7	1776.3	1731.9	1574.9	1577.5	1815.6	1967.3	1969.9	1996.1	2030.1
37.5°	2236.8	1998.7	1569.7	1645.5	1501.6	1501.6	1755.4	1899.3	1894.1	1901.9	1949.0
40°	2150.4	1839.1	1386.5	1533.0	1433.6	1425.8	1682.2	1826.0	1807.7	1805.1	1870.5
42.5°	2058.9	1663.8	1250.5	1383.9	1355.1	1344.7	1593.2	1737.1	1703.1	1710.9	1794.6
45°	1959.5	1616.8	1145.9	1169.4	1274.0	1266.2	1496.4	1635.1	1611.5	1632.4	1718.8
47.5°	1860.0	1522.6	1111.8	970.6	1187.7	1185.1	1389.2	1535.7	1522.6	1543.5	1635.1
50°	1724.0	1417.9	1109.2	831.9	1090.9	1101.4	1261.0	1438.9	1438.9	1457.2	1554.0
52.5°	1548.7	1289.7	1007.2	753.4	978.4	1009.8	1148.5	1355.1	1360.4	1378.7	1465.0
55°	1389.2	1156.3	933.9	693.3	845.0	913.0	1038.6	1268.8	1279.3	1297.6	1376.1
57.5°	1242.6	962.7	918.3	622.6	722.0	787.4	941.8	1185.1	1190.3	1206.0	1281.9
60°	1085.7	695.9	842.4	546.8	614.8	664.5	852.8	1085.7	1104.0	1114.5	1179.9
62.5°	907.8	504.9	763.9	494.4	562.5	572.9	779.6	991.5	1015.0	1022.9	1062.1
65°	646.2	423.8	648.8	450.0	507.5	510.1	701.1	894.7	915.6	928.7	957.5
67.5°	436.9	345.3	494.4	408.1	465.7	468.3	625.2	782.2	811.0	821.5	839.8
70°	303.5	230.2	366.3	363.6	418.6	423.8	544.1	680.2	706.3	714.2	724.7
72.5°	222.4	185.7	303.5	327.0	368.9	374.1	460.4	565.1	591.2	599.1	604.3
75°	170.0	196.2	245.9	285.2	313.9	316.5	376.7	460.4	478.7	484.0	486.6
77.5°	136.0	183.1	180.5	230.2	256.4	251.1	295.6	355.8	371.5	371.5	371.5
80°	102.0	143.9	136.0	164.8	188.4	183.1	211.9	253.8	259.0	264.2	261.6
82.5°	75.9	91.6	91.6	104.6	125.6	120.3	141.3	164.8	164.8	164.8	170.0
85°	47.1	52.3	41.9	54.9	70.6	68.0	78.5	88.9	91.6	91.6	86.3
87.5°	28.8	23.5	13.1	20.9	31.4	31.4	36.6	39.2	36.6	36.6	36.6
90°	35.2	24.3	13.5	24.3	35.2	37.9	59.6	88.4	102.9	91.5	68.6
92.5°	238.4	146.2	54.2	146.2	238.4	261.4	367.6	509.0	579.7	508.0	364.8
95°	467.1	298.6	130.0	298.6	467.1	509.3	904.3	1431.1	1694.4	1512.0	1147.2
97.5°	522.3	373.5	224.8	373.5	522.3	559.4	1218.1	2096.5	2535.6	2420.3	2189.8
100°	567.7	432.9	298.0	432.9	567.7	601.4	1332.4	2307.1	2794.3	2802.8	2819.6
102.5°	611.9	486.2	360.3	486.2	611.9	643.4	1384.8	2373.2	2867.5	3014.4	3308.1
105°	679.1	572.5	465.9	572.5	679.1	705.7	1423.6	2380.7	2859.3	3188.6	3847.2
107.5°	773.0	673.6	574.3	673.6	773.0	797.8	1430.8	2274.9	2696.9	3156.2	4074.8
110°	826.9	737.1	647.5	737.1	826.9	849.3	1419.9	2180.9	2561.3	3074.9	4101.9



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	890.2	804.7	719.3	804.7	890.2	911.5	1420.4	2098.9	2438.1	2963.7	4014.8
115°	985.3	906.4	827.6	906.4	985.3	1005.0	1433.5	2004.8	2290.5	2796.8	3809.3
117.5°	1077.9	1006.2	934.6	1006.2	1077.9	1095.8	1460.1	1945.9	2188.9	2645.8	3559.6
120°	1131.8	1064.3	996.9	1064.3	1131.8	1148.6	1481.8	1926.1	2148.3	2565.8	3400.8
122.5°	1193.9	1125.9	1057.9	1125.9	1193.9	1210.9	1513.0	1915.8	2117.1	2493.1	3244.9
125°	1275.3	1213.3	1151.3	1213.3	1275.3	1290.9	1555.0	1907.1	2083.2	2402.5	3041.3
127.5°	1352.4	1289.8	1227.2	1289.8	1352.4	1368.0	1597.0	1902.2	2054.8	2328.9	2877.4
130°	1402.7	1335.3	1267.9	1335.3	1402.7	1419.5	1627.7	1905.2	2044.0	2288.0	2776.3
132.5°	1444.7	1377.2	1309.8	1377.2	1444.7	1461.5	1652.5	1907.1	2034.5	2253.0	2690.1
135°	1494.9	1433.5	1372.1	1433.5	1494.9	1510.3	1679.6	1905.4	2018.2	2201.3	2567.3
137.5°	1557.4	1496.6	1435.8	1496.6	1557.4	1572.5	1720.2	1917.1	2015.5	2170.2	2479.6
140°	1600.5	1544.5	1488.6	1544.5	1600.5	1614.6	1745.0	1919.0	2006.0	2139.6	2406.9
142.5°	1632.8	1581.0	1529.2	1581.0	1632.8	1645.7	1765.8	1926.0	2006.0	2123.4	2358.2
145°	1681.9	1636.7	1591.5	1636.7	1681.9	1693.1	1792.9	1926.0	1992.5	2088.5	2280.5
147.5°	1741.7	1697.8	1653.8	1697.8	1741.7	1752.7	1832.7	1939.2	1992.5	2068.0	2219.2
150°	1774.0	1734.2	1694.4	1734.2	1774.0	1783.9	1853.4	1946.1	1992.5	2056.3	2183.9
152.5°	1796.7	1766.6	1736.5	1766.6	1796.7	1804.2	1867.0	1950.7	1992.5	2047.0	2155.9
155°	1843.3	1821.1	1798.7	1821.1	1843.3	1848.9	1896.8	1960.6	1992.5	2035.9	2122.5
157.5°	1888.2	1866.5	1844.9	1866.5	1888.2	1893.6	1926.6	1970.5	1992.5	2026.2	2093.6
160°	1909.8	1892.8	1876.0	1892.8	1909.8	1913.9	1940.1	1975.1	1992.5	2021.4	2079.2
162.5°	1932.4	1919.8	1907.1	1919.8	1932.4	1935.6	1954.6	1979.9	1992.5	2016.9	2065.7
165°	1963.8	1952.4	1941.0	1952.4	1963.8	1966.7	1975.3	1986.8	1992.5	2010.0	2044.8
167.5°	1983.0	1977.6	1972.2	1977.6	1983.0	1984.3	1991.6	2001.2	2006.0	2017.5	2040.3
170°	2003.3	1997.9	1992.5	1997.9	2003.3	2004.6	2005.1	2005.7	2006.0	2017.5	2040.3
172.5°	2005.8	2004.5	2003.3	2004.5	2005.8	2006.0	2006.0	2006.0	2006.0	2015.1	2033.1
175°	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2014.1	2008.7	2006.0	2011.8	2023.2
177.5°	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2015.1	2010.8	2008.7	2013.3	2022.2
180°	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2



TEST NUMBER: P935526
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3	2765.3
2.5°	2668.5	2660.7	2671.1	2642.4	2671.1	2660.7	2668.5	2686.8	2671.1	2681.6	2692.1
5°	2341.5	2328.4	2286.5	2252.5	2286.5	2328.4	2341.5	2396.4	2422.6	2469.7	2532.5
7.5°	2092.9	2082.4	2072.0	2051.0	2072.0	2082.4	2092.9	2108.6	2134.7	2176.6	2223.7
10°	2037.9	2040.6	2056.3	2053.6	2056.3	2040.6	2037.9	2032.7	2024.9	2032.7	2061.5
12.5°	2179.2	2202.8	2289.1	2283.9	2289.1	2202.8	2179.2	2074.6	2003.9	1990.9	1996.1
15°	2341.5	2349.3	2367.7	2370.3	2367.7	2349.3	2341.5	2299.6	2087.6	1996.1	1967.3
17.5°	2357.2	2359.8	2372.9	2372.9	2372.9	2359.8	2357.2	2338.9	2268.2	2145.2	1983.0
20°	2344.1	2349.3	2375.5	2380.7	2375.5	2349.3	2344.1	2320.6	2281.2	2236.8	2113.8
22.5°	2338.9	2349.3	2370.3	2367.7	2370.3	2349.3	2338.9	2302.2	2268.2	2236.8	2187.1
25°	2312.7	2312.7	2315.3	2318.0	2315.3	2312.7	2312.7	2283.9	2215.8	2208.0	2179.2
27.5°	2257.7	2262.9	2278.6	2276.0	2278.6	2262.9	2257.7	2247.2	2174.0	2166.1	2145.2
30°	2208.0	2202.8	2189.7	2179.2	2189.7	2202.8	2208.0	2192.3	2119.0	2098.1	2103.3
32.5°	2124.3	2111.2	2098.1	2090.3	2098.1	2111.2	2124.3	2119.0	2064.1	2035.3	2040.6
35°	2024.9	2027.5	2024.9	2017.0	2024.9	2027.5	2024.9	2030.1	1996.1	1969.9	1967.3
37.5°	1954.2	1959.5	1956.8	1946.4	1956.8	1959.5	1954.2	1949.0	1901.9	1894.1	1899.3
40°	1881.0	1883.6	1881.0	1873.1	1881.0	1883.6	1881.0	1870.5	1805.1	1807.7	1826.0
42.5°	1810.3	1807.7	1799.9	1794.6	1799.9	1807.7	1810.3	1794.6	1710.9	1703.1	1737.1
45°	1729.2	1731.9	1716.2	1708.3	1716.2	1731.9	1729.2	1718.8	1632.4	1611.5	1635.1
47.5°	1648.1	1648.1	1635.1	1627.2	1635.1	1648.1	1648.1	1635.1	1543.5	1522.6	1535.7
50°	1561.8	1559.2	1540.9	1538.3	1540.9	1559.2	1561.8	1554.0	1457.2	1438.9	1438.9
52.5°	1462.4	1462.4	1465.0	1470.2	1465.0	1462.4	1462.4	1465.0	1378.7	1360.4	1355.1
55°	1376.1	1378.7	1397.0	1402.2	1397.0	1378.7	1376.1	1376.1	1297.6	1279.3	1268.8
57.5°	1287.1	1287.1	1300.2	1300.2	1300.2	1287.1	1287.1	1281.9	1206.0	1190.3	1185.1
60°	1185.1	1190.3	1200.8	1198.2	1200.8	1190.3	1185.1	1179.9	1114.5	1104.0	1085.7
62.5°	1077.8	1083.1	1085.7	1080.5	1085.7	1083.1	1077.8	1062.1	1022.9	1015.0	991.5
65°	965.3	970.6	973.2	968.0	973.2	970.6	965.3	957.5	928.7	915.6	894.7
67.5°	850.2	847.6	845.0	855.5	845.0	847.6	850.2	839.8	821.5	811.0	782.2
70°	732.5	732.5	729.9	735.1	729.9	732.5	732.5	724.7	714.2	706.3	680.2
72.5°	606.9	604.3	614.8	606.9	614.8	604.3	606.9	604.3	599.1	591.2	565.1
75°	484.0	489.2	484.0	491.8	484.0	489.2	484.0	486.6	484.0	478.7	460.4
77.5°	368.9	374.1	368.9	368.9	368.9	374.1	368.9	371.5	371.5	371.5	355.8
80°	261.6	259.0	259.0	256.4	259.0	259.0	261.6	261.6	264.2	259.0	253.8
82.5°	167.4	164.8	164.8	170.0	164.8	164.8	167.4	170.0	164.8	164.8	164.8
85°	91.6	94.2	88.9	88.9	88.9	94.2	91.6	86.3	91.6	91.6	88.9
87.5°	34.0	31.4	31.4	31.4	31.4	31.4	34.0	36.6	36.6	36.6	39.2
90°	51.5	51.5	51.5	51.5	51.5	51.5	51.5	68.6	91.5	102.9	88.4
92.5°	257.3	247.1	206.1	165.3	206.1	247.1	257.3	364.8	508.0	579.7	509.0
95°	873.7	842.6	718.6	594.6	718.6	842.6	873.7	1147.2	1512.0	1694.4	1431.1
97.5°	2016.8	1957.8	1721.8	1485.9	1721.8	1957.8	2016.8	2189.8	2420.3	2535.6	2096.5
100°	2832.3	2762.0	2480.8	2199.7	2480.8	2762.0	2832.3	2819.6	2802.8	2794.3	2307.1
102.5°	3528.5	3468.3	3227.5	2986.7	3227.5	3468.3	3528.5	3308.1	3014.4	2867.5	2373.2
105°	4341.2	4308.8	4179.4	4050.0	4179.4	4308.8	4341.2	3847.2	3188.6	2859.3	2380.7
107.5°	4763.7	4771.6	4802.9	4834.2	4802.9	4771.6	4763.7	4074.8	3156.2	2696.9	2274.9
110°	4872.1	4905.9	5040.7	5175.5	5040.7	4905.9	4872.1	4101.9	3074.9	2561.3	2180.9



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4803.1	4854.9	5061.9	5269.0	5061.9	4854.9	4803.1	4014.8	2963.7	2438.1	2098.9
115°	4568.8	4640.5	4927.7	5214.9	4927.7	4640.5	4568.8	3809.3	2796.8	2290.5	2004.8
117.5°	4245.0	4324.6	4643.1	4961.5	4643.1	4324.6	4245.0	3559.6	2645.8	2188.9	1945.9
120°	4027.0	4104.3	4413.7	4723.1	4413.7	4104.3	4027.0	3400.8	2565.8	2148.3	1926.1
122.5°	3808.9	3885.2	4190.4	4495.6	4190.4	3885.2	3808.9	3244.9	2493.1	2117.1	1915.8
125°	3520.3	3590.6	3871.7	4152.9	3871.7	3590.6	3520.3	3041.3	2402.5	2083.2	1907.1
127.5°	3288.7	3348.0	3585.2	3822.4	3585.2	3348.0	3288.7	2877.4	2328.9	2054.8	1902.2
130°	3142.5	3197.2	3416.4	3635.5	3416.4	3197.2	3142.5	2776.3	2288.0	2044.0	1905.2
132.5°	3017.8	3066.9	3263.2	3459.4	3263.2	3066.9	3017.8	2690.1	2253.0	2034.5	1907.1
135°	2841.8	2884.1	3053.2	3222.3	3053.2	2884.1	2841.8	2567.3	2201.3	2018.2	1905.4
137.5°	2711.7	2746.3	2884.8	3023.3	2884.8	2746.3	2711.7	2479.6	2170.2	2015.5	1917.1
140°	2607.4	2639.7	2769.2	2898.6	2769.2	2639.7	2607.4	2406.9	2139.6	2006.0	1919.0
142.5°	2534.3	2562.1	2673.5	2784.8	2673.5	2562.1	2534.3	2358.2	2123.4	2006.0	1926.0
145°	2424.5	2445.6	2529.9	2614.2	2529.9	2445.6	2424.5	2280.5	2088.5	1992.5	1926.0
147.5°	2332.4	2349.9	2419.7	2489.6	2419.7	2349.9	2332.4	2219.2	2068.0	1992.5	1939.2
150°	2279.6	2293.7	2350.4	2407.0	2350.4	2293.7	2279.6	2183.9	2056.3	1992.5	1946.1
152.5°	2237.6	2248.4	2291.1	2333.8	2291.1	2248.4	2237.6	2155.9	2047.0	1992.5	1950.7
155°	2187.5	2194.6	2222.9	2251.2	2222.9	2194.6	2187.5	2122.5	2035.9	1992.5	1960.6
157.5°	2144.2	2149.1	2169.0	2188.9	2169.0	2149.1	2144.2	2093.6	2026.2	1992.5	1970.5
160°	2122.5	2125.4	2136.8	2148.3	2136.8	2125.4	2122.5	2079.2	2021.4	1992.5	1975.1
162.5°	2102.2	2104.9	2115.7	2126.5	2115.7	2104.9	2102.2	2065.7	2016.9	1992.5	1979.9
165°	2071.0	2073.9	2085.3	2096.8	2085.3	2073.9	2071.0	2044.8	2010.0	1992.5	1986.8
167.5°	2057.5	2058.7	2063.5	2068.3	2063.5	2058.7	2057.5	2040.3	2017.5	2006.0	2001.2
170°	2057.5	2057.5	2057.5	2057.5	2057.5	2057.5	2057.5	2040.3	2017.5	2006.0	2005.7
172.5°	2046.7	2045.6	2041.3	2037.2	2041.3	2045.6	2046.7	2033.1	2015.1	2006.0	2006.0
175°	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2023.2	2011.8	2006.0	2008.7
177.5°	2029.0	2027.8	2023.0	2018.2	2023.0	2027.8	2029.0	2022.2	2013.3	2008.7	2010.8
180°	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2	2018.2



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2765.3	2765.3	2765.3	2765.3	2765.3
2.5°	2731.3	2744.4	2752.2	2762.7	2788.9
5°	2626.7	2676.4	2692.1	2731.3	2778.4
7.5°	2396.4	2548.2	2590.0	2684.2	2757.5
10°	2174.0	2325.8	2399.1	2621.4	2731.3
12.5°	2061.5	2150.4	2200.1	2511.5	2694.7
15°	1990.9	2053.6	2090.3	2365.0	2652.8
17.5°	1935.9	1980.4	2006.6	2221.1	2595.3
20°	1901.9	1922.8	1946.4	2116.4	2529.9
22.5°	1878.4	1865.3	1883.6	2043.2	2440.9
25°	1862.7	1813.0	1833.9	1985.6	2336.3
27.5°	1875.7	1765.9	1773.7	1933.3	2226.3
30°	1878.4	1708.3	1710.9	1878.4	2103.3
32.5°	1860.0	1648.1	1650.8	1810.3	1964.7
35°	1815.6	1577.5	1574.9	1731.9	1776.3
37.5°	1755.4	1501.6	1501.6	1645.5	1569.7
40°	1682.2	1425.8	1433.6	1533.0	1386.5
42.5°	1593.2	1344.7	1355.1	1383.9	1250.5
45°	1496.4	1266.2	1274.0	1169.4	1145.9
47.5°	1389.2	1185.1	1187.7	970.6	1111.8
50°	1261.0	1101.4	1090.9	831.9	1109.2
52.5°	1148.5	1009.8	978.4	753.4	1007.2
55°	1038.6	913.0	845.0	693.3	933.9
57.5°	941.8	787.4	722.0	622.6	918.3
60°	852.8	664.5	614.8	546.8	842.4
62.5°	779.6	572.9	562.5	494.4	763.9
65°	701.1	510.1	507.5	450.0	648.8
67.5°	625.2	468.3	465.7	408.1	494.4
70°	544.1	423.8	418.6	363.6	366.3
72.5°	460.4	374.1	368.9	327.0	303.5
75°	376.7	316.5	313.9	285.2	245.9
77.5°	295.6	251.1	256.4	230.2	180.5
80°	211.9	183.1	188.4	164.8	136.0
82.5°	141.3	120.3	125.6	104.6	91.6
85°	78.5	68.0	70.6	54.9	41.9
87.5°	36.6	31.4	31.4	20.9	13.1
90°	59.6	37.9	35.2	24.3	13.5
92.5°	367.6	261.4	238.4	146.2	54.2
95°	904.3	509.3	467.1	298.6	130.0
97.5°	1218.1	559.4	522.3	373.5	224.8
100°	1332.4	601.4	567.7	432.9	298.0
102.5°	1384.8	643.4	611.9	486.2	360.3
105°	1423.6	705.7	679.1	572.5	465.9
107.5°	1430.8	797.8	773.0	673.6	574.3
110°	1419.9	849.3	826.9	737.1	647.5



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1420.4	911.5	890.2	804.7	719.3
115°	1433.5	1005.0	985.3	906.4	827.6
117.5°	1460.1	1095.8	1077.9	1006.2	934.6
120°	1481.8	1148.6	1131.8	1064.3	996.9
122.5°	1513.0	1210.9	1193.9	1125.9	1057.9
125°	1555.0	1290.9	1275.3	1213.3	1151.3
127.5°	1597.0	1368.0	1352.4	1289.8	1227.2
130°	1627.7	1419.5	1402.7	1335.3	1267.9
132.5°	1652.5	1461.5	1444.7	1377.2	1309.8
135°	1679.6	1510.3	1494.9	1433.5	1372.1
137.5°	1720.2	1572.5	1557.4	1496.6	1435.8
140°	1745.0	1614.6	1600.5	1544.5	1488.6
142.5°	1765.8	1645.7	1632.8	1581.0	1529.2
145°	1792.9	1693.1	1681.9	1636.7	1591.5
147.5°	1832.7	1752.7	1741.7	1697.8	1653.8
150°	1853.4	1783.9	1774.0	1734.2	1694.4
152.5°	1867.0	1804.2	1796.7	1766.6	1736.5
155°	1896.8	1848.9	1843.3	1821.1	1798.7
157.5°	1926.6	1893.6	1888.2	1866.5	1844.9
160°	1940.1	1913.9	1909.8	1892.8	1876.0
162.5°	1954.6	1935.6	1932.4	1919.8	1907.1
165°	1975.3	1966.7	1963.8	1952.4	1941.0
167.5°	1991.6	1984.3	1983.0	1977.6	1972.2
170°	2005.1	2004.6	2003.3	1997.9	1992.5
172.5°	2006.0	2006.0	2005.8	2004.5	2003.3
175°	2014.1	2018.2	2018.2	2018.2	2018.2
177.5°	2015.1	2018.2	2018.2	2018.2	2018.2
180°	2018.2	2018.2	2018.2	2018.2	2018.2



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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	10.75	11.49	11.82	12.57	14.03	13.60	14.34	14.67	15.42	16.88
	3H	11.21	11.88	12.30	12.96	14.45	14.94	15.61	16.02	16.69	18.17
	4H	11.40	12.03	12.49	13.12	14.61	15.38	16.02	16.48	17.10	18.59
	6H	11.51	12.09	12.61	13.18	14.68	15.67	16.25	16.77	17.34	18.84
	8H	11.51	12.06	12.62	13.17	14.66	15.74	16.30	16.85	17.40	18.89
	12H	11.48	12.00	12.59	13.10	14.62	15.78	16.31	16.89	17.40	18.92
4H	2H	11.77	12.40	12.87	13.49	14.97	13.99	14.62	15.09	15.71	17.20
	3H	12.79	13.31	13.89	14.42	15.93	15.49	16.02	16.60	17.13	18.63
	4H	13.06	13.54	14.17	14.64	16.16	16.02	16.50	17.13	17.60	19.13
	6H	13.17	13.59	14.29	14.71	16.23	16.38	16.80	17.50	17.92	19.44
	8H	13.18	13.56	14.30	14.68	16.21	16.49	16.88	17.61	17.99	19.53
	12H	13.14	13.49	14.28	14.62	16.15	16.55	16.90	17.68	18.03	19.56
8H	4H	13.50	13.89	14.62	15.01	16.54	16.13	16.52	17.25	17.64	19.17
	6H	13.76	14.08	14.90	15.24	16.77	16.57	16.89	17.71	18.05	19.58
	8H	13.80	14.08	14.95	15.22	16.77	16.73	17.01	17.87	18.14	19.69
	12H	13.78	14.03	14.93	15.16	16.75	16.82	17.07	17.97	18.20	19.79
12H	4H	13.51	13.86	14.64	14.98	16.52	16.09	16.44	17.23	17.57	19.11
	6H	13.82	14.10	14.97	15.24	16.79	16.57	16.85	17.71	17.99	19.53
	8H	13.88	14.13	15.03	15.26	16.85	16.73	16.97	17.88	18.11	19.69