

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: P935673

Luminaire Tested: SQ4-FA-125U-100D-940-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935673
REPORT IS A COMBINATION OF REPORTS P933761 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-940-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

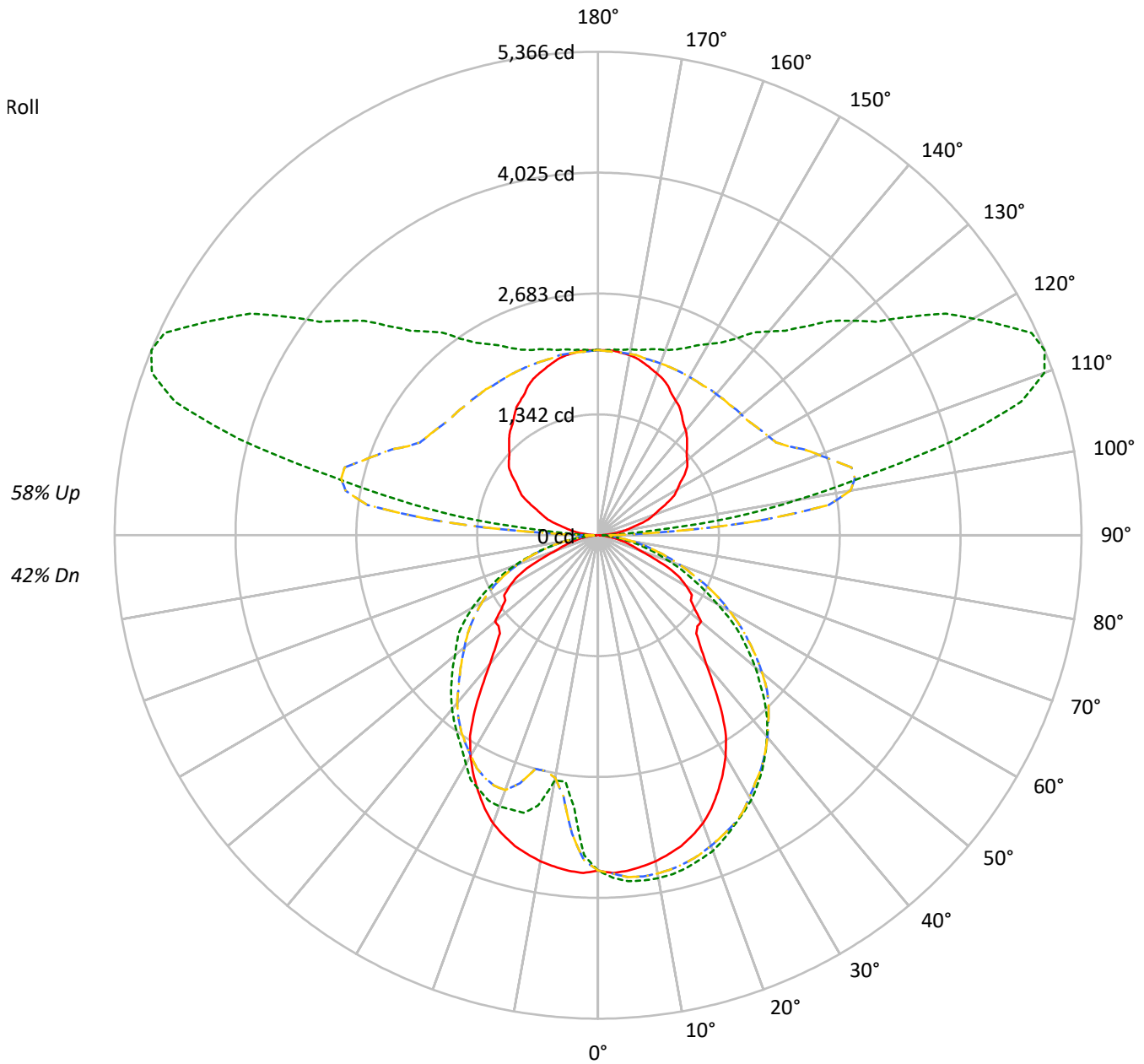
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22977.0 lumens
Efficiency: N/A
Efficacy: 118.9 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: General Diffuse

Input Watts (W): 193.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P935673
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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	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	41	41	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	35	35	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	30	30	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	25	25	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	22	22	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	19	19	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	15	15	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	14	14	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	13	13	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11507	11507	11507	11507
5°	11598	11616	11598	9134
10°	11524	11443	11524	8181
15°	11403	11195	11403	9348
20°	11169	10901	11169	9367
25°	10686	10473	10686	9169
30°	10059	10117	10059	8733
35°	8972	9667	8972	8254
40°	7480	9138	7480	7892
45°	6688	8518	6688	7476
50°	7111	7779	7111	7059
55°	6696	6982	6696	6817
60°	6912	5930	6912	6244
65°	6276	4902	6276	5479
70°	4357	3906	4357	4593
75°	3835	2888	3835	3458
80°	3113	1909	3113	2079
85°	1824	1011	1824	860

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10244 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	335.8	1.5
10°-20°	953.5	4.1
20°-30°	1474.0	6.4
30°-40°	1759.6	7.7
40°-50°	1769.9	7.7
50°-60°	1540.0	6.7
60°-70°	1091.9	4.8
70°-80°	577.7	2.5
80°-90°	151.7	0.7
90°-100°	1001.8	4.4
100°-110°	2633.8	11.5
110°-120°	2730.9	11.9
120°-130°	2190.5	9.5
130°-140°	1718.8	7.5
140°-150°	1319.2	5.7
150°-160°	950.1	4.1
160°-170°	581.3	2.5
170°-180°	196.4	0.9
0°-30°	2763.3	12.0
0°-40°	4522.9	19.7
0°-60°	7832.9	34.1
0°-90°	9654.2	42.0
90°-120°	6366.5	27.7
90°-150°	11595.0	50.5
90°-180°	13323.0	58.0
0°-180°	22977.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3720	3720	3720	3720	3720	
5°	3738	3854	3738	3031	3738	355
15°	3569	3819	3569	3189	3569	1004
25°	3143	3562	3143	3118	3143	1443
35°	2390	3178	2390	2714	2390	1479
45°	1542	2619	1542	2298	1542	1235
55°	1256	1932	1256	1887	1256	1155
65°	873	1165	873	1302	873	834
75°	331	553	331	662	331	348
85°	56	141	56	120	56	76
90°	14	52	14	52	14	14
95°	132	606	132	606	132	147
105°	474	4124	474	4124	474	503
115°	843	5310	843	5310	843	832
125°	1172	4229	1172	4229	1172	1041
135°	1397	3281	1397	3281	1397	1081
145°	1621	2662	1621	2662	1621	1015
155°	1832	2292	1832	2292	1832	842
165°	1976	2135	1976	2135	1976	558
175°	2055	2069	2055	2069	2055	195
180°	2055	2055	2055	2055	2055	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4
2.5°	3752.1	3752.1	3773.2	3780.2	3780.2	3769.6	3759.1	3769.6	3801.4	3811.9	3808.4
5°	3738.0	3766.2	3804.9	3811.9	3818.9	3815.5	3808.4	3815.5	3850.6	3857.6	3861.2
7.5°	3709.8	3762.6	3811.9	3822.5	3833.1	3822.5	3818.9	3826.0	3861.2	3868.2	3868.2
10°	3674.6	3748.6	3804.9	3811.9	3822.5	3811.9	3811.9	3826.0	3861.2	3868.2	3871.8
12.5°	3625.3	3727.5	3780.2	3787.3	3801.4	3797.8	3794.3	3808.4	3843.6	3850.6	3850.6
15°	3569.0	3688.8	3738.0	3745.1	3769.6	3762.6	3762.6	3776.8	3815.5	3826.0	3822.5
17.5°	3491.6	3639.5	3695.8	3706.3	3723.9	3720.4	3723.9	3738.0	3773.2	3780.2	3783.8
20°	3403.6	3572.6	3639.5	3650.0	3667.6	3667.6	3667.6	3685.2	3720.4	3734.5	3734.5
22.5°	3283.9	3502.2	3572.6	3579.6	3600.8	3600.8	3607.8	3632.4	3664.1	3667.6	3667.6
25°	3143.2	3424.7	3484.6	3505.7	3526.8	3537.3	3547.9	3562.0	3572.6	3569.0	3572.6
27.5°	2995.3	3326.2	3403.6	3417.7	3445.9	3456.5	3470.5	3474.0	3477.5	3488.1	3481.0
30°	2829.9	3188.9	3305.0	3319.2	3364.9	3371.9	3357.9	3364.9	3382.5	3389.6	3396.6
32.5°	2643.3	2984.7	3203.0	3234.6	3276.9	3255.8	3252.3	3262.9	3291.0	3291.0	3298.0
35°	2390.0	2826.4	3108.0	3136.1	3167.8	3143.2	3157.2	3160.7	3178.3	3188.9	3185.4
37.5°	2111.8	2689.1	3009.4	3030.6	3055.2	3023.5	3044.6	3055.2	3069.3	3062.2	3062.2
40°	1865.5	2474.4	2893.3	2907.3	2928.4	2903.8	2924.9	2932.0	2939.0	2932.0	2928.4
42.5°	1682.5	2238.6	2770.0	2787.7	2773.6	2791.2	2798.2	2812.3	2801.7	2787.7	2787.7
45°	1541.7	2175.2	2636.3	2657.4	2636.3	2664.4	2675.0	2675.0	2643.3	2636.3	2632.8
47.5°	1495.9	2048.5	2502.6	2502.6	2492.0	2527.2	2544.8	2520.1	2488.4	2478.0	2478.0
50°	1492.4	1907.7	2319.5	2305.4	2354.7	2397.0	2379.4	2354.7	2330.1	2291.4	2291.4
52.5°	1355.1	1735.2	2083.7	2136.5	2214.0	2238.6	2210.4	2185.8	2143.5	2126.0	2111.8
55°	1256.5	1555.8	1869.0	1974.6	2055.5	2087.2	2034.4	2009.8	1946.4	1935.8	1928.8
57.5°	1235.5	1295.2	1671.9	1805.7	1904.2	1900.7	1869.0	1823.2	1770.4	1759.9	1756.4
60°	1133.4	936.2	1460.7	1619.1	1721.2	1710.6	1682.5	1640.2	1590.9	1583.9	1576.8
62.5°	1027.8	679.3	1221.4	1400.9	1545.2	1541.7	1517.1	1453.7	1418.5	1400.9	1386.8
65°	872.9	570.2	869.4	1165.1	1372.7	1379.8	1326.9	1281.2	1242.5	1221.4	1217.8
67.5°	665.2	464.6	587.8	971.5	1207.3	1200.2	1133.4	1112.2	1062.9	1052.4	1031.3
70°	492.8	309.7	408.3	788.5	1045.4	1027.8	974.9	950.3	904.6	879.9	865.9
72.5°	408.3	249.9	299.2	612.5	879.9	858.8	813.1	784.9	746.2	725.1	711.0
75°	330.9	264.0	228.7	454.0	714.5	700.5	658.2	630.0	598.3	570.2	573.7
77.5°	242.9	246.4	183.0	334.4	566.7	545.6	520.9	485.7	471.6	443.5	443.5
80°	183.0	193.6	137.3	228.7	408.3	408.3	387.2	362.6	337.9	323.9	323.9
82.5°	123.2	123.2	102.0	144.3	278.0	267.5	253.4	246.4	232.3	225.3	225.3
85°	56.3	70.4	63.3	88.0	151.3	158.4	158.4	151.3	147.9	140.7	144.3
87.5°	17.6	31.7	38.7	49.3	77.4	81.0	84.4	84.4	84.4	88.0	88.0
90°	13.8	24.8	35.9	38.6	60.7	90.0	104.8	93.2	69.9	52.4	52.4
92.5°	55.1	148.9	242.8	266.2	374.3	518.3	590.3	517.3	371.5	262.0	251.7
95°	132.4	304.1	475.7	518.6	920.9	1457.3	1725.5	1539.7	1168.3	889.7	858.1
97.5°	228.9	380.3	531.8	569.7	1240.4	2134.8	2582.0	2464.6	2229.9	2053.8	1993.6
100°	303.4	440.8	578.1	612.5	1356.8	2349.3	2845.5	2854.1	2871.3	2884.1	2812.6
102.5°	366.9	495.1	623.1	655.2	1410.1	2416.7	2920.0	3069.5	3368.7	3593.1	3531.8
105°	474.5	583.0	691.5	718.7	1449.7	2424.3	2911.7	3247.0	3917.7	4420.6	4387.7
107.5°	584.8	686.0	787.1	812.4	1457.0	2316.5	2746.2	3213.9	4149.4	4851.0	4859.0
110°	659.3	750.6	842.0	864.8	1445.9	2220.8	2608.2	3131.2	4177.0	4961.3	4995.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	732.4	819.4	906.5	928.2	1446.4	2137.3	2482.8	3018.0	4088.3	4891.0	4943.8
115°	842.7	923.0	1003.4	1023.4	1459.8	2041.5	2332.4	2848.0	3879.1	4652.4	4725.5
117.5°	951.8	1024.7	1097.7	1115.9	1486.9	1981.6	2229.0	2694.3	3624.8	4322.7	4403.8
120°	1015.2	1083.8	1152.5	1169.7	1509.0	1961.4	2187.6	2612.8	3463.0	4100.7	4179.5
122.5°	1077.2	1146.5	1215.8	1233.1	1540.7	1950.8	2155.9	2538.7	3304.3	3878.6	3956.3
125°	1172.4	1235.6	1298.7	1314.5	1583.5	1942.1	2121.3	2446.5	3097.0	3584.8	3656.3
127.5°	1249.7	1313.4	1377.2	1393.1	1626.2	1937.0	2092.4	2371.6	2930.0	3348.9	3409.3
130°	1291.1	1359.7	1428.3	1445.5	1657.5	1940.1	2081.4	2329.9	2827.1	3200.0	3255.8
132.5°	1333.8	1402.4	1471.1	1488.3	1682.8	1942.1	2071.7	2294.2	2739.3	3073.1	3123.1
135°	1397.3	1459.8	1522.3	1537.9	1710.4	1940.3	2055.2	2241.6	2614.3	2893.8	2936.9
137.5°	1462.1	1524.0	1585.9	1601.3	1751.7	1952.2	2052.4	2210.0	2525.0	2761.3	2796.6
140°	1515.8	1572.8	1629.8	1644.1	1777.0	1954.1	2042.8	2178.8	2451.0	2655.1	2688.1
142.5°	1557.2	1609.9	1662.7	1675.8	1798.1	1961.2	2042.8	2162.3	2401.4	2580.7	2609.0
145°	1620.7	1666.7	1712.7	1724.1	1825.7	1961.2	2029.0	2126.8	2322.3	2468.9	2490.4
147.5°	1684.1	1728.8	1773.6	1784.8	1866.2	1974.7	2029.0	2105.9	2259.8	2375.1	2392.9
150°	1725.5	1766.0	1806.5	1816.6	1887.4	1981.7	2029.0	2094.0	2223.9	2321.3	2335.7
152.5°	1768.3	1798.9	1829.6	1837.3	1901.2	1986.4	2029.0	2084.5	2195.4	2278.6	2289.5
155°	1831.7	1854.4	1877.1	1882.7	1931.5	1996.5	2029.0	2073.1	2161.4	2227.5	2234.7
157.5°	1878.7	1900.7	1922.8	1928.3	1961.9	2006.6	2029.0	2063.3	2131.9	2183.4	2188.5
160°	1910.4	1927.5	1944.7	1949.0	1975.6	2011.2	2029.0	2058.4	2117.3	2161.4	2164.3
162.5°	1942.1	1954.9	1967.8	1971.0	1990.4	2016.1	2029.0	2053.9	2103.5	2140.7	2143.5
165°	1976.5	1988.1	1999.8	2002.7	2011.5	2023.1	2029.0	2046.8	2082.3	2108.9	2111.8
167.5°	2008.3	2013.8	2019.3	2020.6	2028.0	2037.9	2042.8	2054.4	2077.7	2095.1	2096.4
170°	2029.0	2034.5	2040.0	2041.3	2041.8	2042.4	2042.8	2054.4	2077.7	2095.1	2095.1
172.5°	2040.0	2041.2	2042.5	2042.8	2042.8	2042.8	2042.8	2052.0	2070.4	2084.1	2083.1
175°	2055.2	2055.2	2055.2	2055.2	2051.0	2045.5	2042.8	2048.6	2060.2	2069.0	2069.0
177.5°	2055.2	2055.2	2055.2	2055.2	2052.0	2047.6	2045.5	2050.1	2059.3	2066.2	2065.0
180°	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4
2.5°	3815.5	3804.9	3815.5	3808.4	3811.9	3801.4	3769.6	3759.1	3769.6	3780.2	3780.2
5°	3861.2	3854.2	3861.2	3861.2	3857.6	3850.6	3815.5	3808.4	3815.5	3818.9	3811.9
7.5°	3875.2	3864.8	3875.2	3868.2	3868.2	3861.2	3826.0	3818.9	3822.5	3833.1	3822.5
10°	3875.2	3864.8	3875.2	3871.8	3868.2	3861.2	3826.0	3811.9	3811.9	3822.5	3811.9
12.5°	3857.6	3850.6	3857.6	3850.6	3850.6	3843.6	3808.4	3794.3	3797.8	3801.4	3787.3
15°	3829.5	3818.9	3829.5	3822.5	3826.0	3815.5	3776.8	3762.6	3762.6	3769.6	3745.1
17.5°	3787.3	3773.2	3787.3	3783.8	3780.2	3773.2	3738.0	3723.9	3720.4	3723.9	3706.3
20°	3738.0	3727.5	3738.0	3734.5	3734.5	3720.4	3685.2	3667.6	3667.6	3667.6	3650.0
22.5°	3660.6	3650.0	3660.6	3667.6	3667.6	3664.1	3632.4	3607.8	3600.8	3600.8	3579.6
25°	3572.6	3562.0	3572.6	3572.6	3569.0	3572.6	3562.0	3547.9	3537.3	3526.8	3505.7
27.5°	3488.1	3481.0	3488.1	3481.0	3488.1	3477.5	3474.0	3470.5	3456.5	3445.9	3417.7
30°	3403.6	3396.6	3403.6	3396.6	3389.6	3382.5	3364.9	3357.9	3371.9	3364.9	3319.2
32.5°	3298.0	3291.0	3298.0	3298.0	3291.0	3291.0	3262.9	3252.3	3255.8	3276.9	3234.6
35°	3188.9	3178.3	3188.9	3185.4	3188.9	3178.3	3160.7	3157.2	3143.2	3167.8	3136.1
37.5°	3062.2	3051.6	3062.2	3062.2	3062.2	3069.3	3055.2	3044.6	3023.5	3055.2	3030.6
40°	2932.0	2917.9	2932.0	2928.4	2932.0	2939.0	2932.0	2924.9	2903.8	2928.4	2907.3
42.5°	2784.1	2780.6	2784.1	2787.7	2787.7	2801.7	2812.3	2798.2	2791.2	2773.6	2787.7
45°	2625.7	2618.7	2625.7	2632.8	2636.3	2643.3	2675.0	2675.0	2664.4	2636.3	2657.4
47.5°	2456.8	2439.2	2456.8	2478.0	2478.0	2488.4	2520.1	2544.8	2527.2	2492.0	2502.6
50°	2277.3	2280.8	2277.3	2291.4	2291.4	2330.1	2354.7	2379.4	2397.0	2354.7	2305.4
52.5°	2101.3	2097.8	2101.3	2111.8	2126.0	2143.5	2185.8	2210.4	2238.6	2214.0	2136.5
55°	1925.3	1932.4	1925.3	1928.8	1935.8	1946.4	2009.8	2034.4	2087.2	2055.5	1974.6
57.5°	1749.4	1738.8	1749.4	1756.4	1759.9	1770.4	1823.2	1869.0	1900.7	1904.2	1805.7
60°	1545.2	1531.1	1545.2	1576.8	1583.9	1590.9	1640.2	1682.5	1710.6	1721.2	1619.1
62.5°	1365.7	1341.1	1365.7	1386.8	1400.9	1418.5	1453.7	1517.1	1541.7	1545.2	1400.9
65°	1175.6	1165.1	1175.6	1217.8	1221.4	1242.5	1281.2	1326.9	1379.8	1372.7	1165.1
67.5°	1003.2	1003.2	1003.2	1031.3	1052.4	1062.9	1112.2	1133.4	1200.2	1207.3	971.5
70°	844.8	841.2	844.8	865.9	879.9	904.6	950.3	974.9	1027.8	1045.4	788.5
72.5°	693.4	689.9	693.4	711.0	725.1	746.2	784.9	813.1	858.8	879.9	612.5
75°	559.6	552.6	559.6	573.7	570.2	598.3	630.0	658.2	700.5	714.5	454.0
77.5°	429.4	429.4	429.4	443.5	443.5	471.6	485.7	520.9	545.6	566.7	334.4
80°	320.3	316.7	320.3	323.9	323.9	337.9	362.6	387.2	408.3	408.3	228.7
82.5°	225.3	218.2	225.3	225.3	225.3	232.3	246.4	253.4	267.5	278.0	144.3
85°	140.7	140.7	140.7	144.3	140.7	147.9	151.3	158.4	158.4	151.3	88.0
87.5°	91.6	88.0	91.6	88.0	88.0	84.4	84.4	84.4	81.0	77.4	49.3
90°	52.4	52.4	52.4	52.4	52.4	69.9	93.2	104.8	90.0	60.7	38.6
92.5°	209.9	168.3	209.9	251.7	262.0	371.5	517.3	590.3	518.3	374.3	266.2
95°	731.8	605.5	731.8	858.1	889.7	1168.3	1539.7	1725.5	1457.3	920.9	518.6
97.5°	1753.4	1513.1	1753.4	1993.6	2053.8	2229.9	2464.6	2582.0	2134.8	1240.4	569.7
100°	2526.3	2240.0	2526.3	2812.6	2884.1	2871.3	2854.1	2845.5	2349.3	1356.8	612.5
102.5°	3286.6	3041.4	3286.6	3531.8	3593.1	3368.7	3069.5	2920.0	2416.7	1410.1	655.2
105°	4255.9	4124.1	4255.9	4387.7	4420.6	3917.7	3247.0	2911.7	2424.3	1449.7	718.7
107.5°	4890.8	4922.7	4890.8	4859.0	4851.0	4149.4	3213.9	2746.2	2316.5	1457.0	812.4
110°	5133.0	5270.3	5133.0	4995.7	4961.3	4177.0	3131.2	2608.2	2220.8	1445.9	864.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5154.6	5365.5	5154.6	4943.8	4891.0	4088.3	3018.0	2482.8	2137.3	1446.4	928.2
115°	5017.9	5310.3	5017.9	4725.5	4652.4	3879.1	2848.0	2332.4	2041.5	1459.8	1023.4
117.5°	4728.1	5052.4	4728.1	4403.8	4322.7	3624.8	2694.3	2229.0	1981.6	1486.9	1115.9
120°	4494.5	4809.6	4494.5	4179.5	4100.7	3463.0	2612.8	2187.6	1961.4	1509.0	1169.7
122.5°	4267.1	4577.9	4267.1	3956.3	3878.6	3304.3	2538.7	2155.9	1950.8	1540.7	1233.1
125°	3942.6	4228.9	3942.6	3656.3	3584.8	3097.0	2446.5	2121.3	1942.1	1583.5	1314.5
127.5°	3650.8	3892.4	3650.8	3409.3	3348.9	2930.0	2371.6	2092.4	1937.0	1626.2	1393.1
130°	3478.9	3702.1	3478.9	3255.8	3200.0	2827.1	2329.9	2081.4	1940.1	1657.5	1445.5
132.5°	3322.9	3522.7	3322.9	3123.1	3073.1	2739.3	2294.2	2071.7	1942.1	1682.8	1488.3
135°	3109.1	3281.3	3109.1	2936.9	2893.8	2614.3	2241.6	2055.2	1940.3	1710.4	1537.9
137.5°	2937.6	3078.6	2937.6	2796.6	2761.3	2525.0	2210.0	2052.4	1952.2	1751.7	1601.3
140°	2819.9	2951.7	2819.9	2688.1	2655.1	2451.0	2178.8	2042.8	1954.1	1777.0	1644.1
142.5°	2722.4	2835.8	2722.4	2609.0	2580.7	2401.4	2162.3	2042.8	1961.2	1798.1	1675.8
145°	2576.2	2662.0	2576.2	2490.4	2468.9	2322.3	2126.8	2029.0	1961.2	1825.7	1724.1
147.5°	2464.0	2535.2	2464.0	2392.9	2375.1	2259.8	2105.9	2029.0	1974.7	1866.2	1784.8
150°	2393.4	2451.1	2393.4	2335.7	2321.3	2223.9	2094.0	2029.0	1981.7	1887.4	1816.6
152.5°	2333.0	2376.6	2333.0	2289.5	2278.6	2195.4	2084.5	2029.0	1986.4	1901.2	1837.3
155°	2263.6	2292.4	2263.6	2234.7	2227.5	2161.4	2073.1	2029.0	1996.5	1931.5	1882.7
157.5°	2208.7	2229.0	2208.7	2188.5	2183.4	2131.9	2063.3	2029.0	2006.6	1961.9	1928.3
160°	2176.0	2187.6	2176.0	2164.3	2161.4	2117.3	2058.4	2029.0	2011.2	1975.6	1949.0
162.5°	2154.5	2165.5	2154.5	2143.5	2140.7	2103.5	2053.9	2029.0	2016.1	1990.4	1971.0
165°	2123.5	2135.2	2123.5	2111.8	2108.9	2082.3	2046.8	2029.0	2023.1	2011.5	2002.7
167.5°	2101.3	2106.2	2101.3	2096.4	2095.1	2077.7	2054.4	2042.8	2037.9	2028.0	2020.6
170°	2095.1	2095.1	2095.1	2095.1	2095.1	2077.7	2054.4	2042.8	2042.4	2041.8	2041.3
172.5°	2078.7	2074.5	2078.7	2083.1	2084.1	2070.4	2052.0	2042.8	2042.8	2042.8	2042.8
175°	2069.0	2069.0	2069.0	2069.0	2069.0	2060.2	2048.6	2042.8	2045.5	2051.0	2055.2
177.5°	2060.1	2055.2	2060.1	2065.0	2066.2	2059.3	2050.1	2045.5	2047.6	2052.0	2055.2
180°	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4
2.5°	3773.2	3752.1	3752.1	3716.9	3702.8	3692.2	3674.6	3621.9	3607.8	3593.6	3614.8
5°	3804.9	3766.2	3738.0	3674.6	3621.9	3600.8	3533.9	3407.2	3322.6	3259.3	3224.2
7.5°	3811.9	3762.6	3709.8	3611.3	3484.6	3428.3	3224.2	2991.8	2928.4	2872.1	2836.9
10°	3804.9	3748.6	3674.6	3526.8	3227.6	3129.0	2924.9	2773.6	2734.9	2724.3	2734.9
12.5°	3780.2	3727.5	3625.3	3379.0	2960.1	2893.3	2773.6	2685.6	2678.6	2696.1	2791.2
15°	3738.0	3688.8	3569.0	3181.9	2812.3	2763.0	2678.6	2646.9	2685.6	2808.7	3093.9
17.5°	3695.8	3639.5	3491.6	2988.3	2699.7	2664.4	2604.6	2668.0	2886.2	3051.6	3146.7
20°	3639.5	3572.6	3403.6	2847.5	2618.7	2587.0	2558.9	2844.0	3009.4	3069.3	3122.0
22.5°	3572.6	3502.2	3283.9	2749.0	2534.3	2509.6	2527.2	2942.6	3009.4	3051.6	3097.4
25°	3484.6	3424.7	3143.2	2671.5	2467.4	2439.2	2506.1	2932.0	2970.7	2981.3	3072.7
27.5°	3403.6	3326.2	2995.3	2601.1	2386.4	2375.8	2523.7	2886.2	2914.4	2924.9	3023.5
30°	3305.0	3188.9	2829.9	2527.2	2302.0	2298.4	2527.2	2829.9	2822.9	2851.0	2949.6
32.5°	3203.0	2984.7	2643.3	2435.7	2221.0	2217.4	2502.6	2745.4	2738.4	2777.1	2851.0
35°	3108.0	2826.4	2390.0	2330.1	2118.9	2122.4	2442.7	2646.9	2650.4	2685.6	2731.3
37.5°	3009.4	2689.1	2111.8	2214.0	2020.4	2020.4	2361.7	2555.4	2548.3	2558.9	2622.3
40°	2893.3	2474.4	1865.5	2062.6	1928.8	1918.3	2263.2	2456.8	2432.1	2428.7	2516.7
42.5°	2770.0	2238.6	1682.5	1862.0	1823.2	1809.1	2143.5	2337.1	2291.4	2302.0	2414.6
45°	2636.3	2175.2	1541.7	1573.4	1714.1	1703.5	2013.3	2199.8	2168.1	2196.4	2312.5
47.5°	2502.6	2048.5	1495.9	1305.8	1598.0	1594.5	1869.0	2066.1	2048.5	2076.7	2199.8
50°	2319.5	1907.7	1492.4	1119.3	1467.8	1481.8	1696.5	1935.8	1935.8	1960.5	2090.7
52.5°	2083.7	1735.2	1355.1	1013.7	1316.4	1358.6	1545.2	1823.2	1830.3	1854.9	1971.1
55°	1869.0	1555.8	1256.5	932.8	1136.9	1228.4	1397.4	1707.1	1721.2	1745.8	1851.4
57.5°	1671.9	1295.2	1235.5	837.7	971.5	1059.5	1267.1	1594.5	1601.5	1622.6	1724.7
60°	1460.7	936.2	1133.4	735.6	827.2	894.0	1147.5	1460.7	1485.4	1499.4	1587.4
62.5°	1221.4	679.3	1027.8	665.2	756.8	770.9	1048.9	1334.0	1365.7	1376.2	1429.1
65°	869.4	570.2	872.9	605.4	682.9	686.3	943.3	1203.8	1231.9	1249.5	1288.2
67.5°	587.8	464.6	665.2	549.1	626.5	630.0	841.2	1052.4	1091.1	1105.2	1129.9
70°	408.3	309.7	492.8	489.3	563.2	570.2	732.2	915.2	950.3	960.9	974.9
72.5°	299.2	249.9	408.3	440.0	496.3	503.3	619.5	760.3	795.5	806.0	813.1
75°	228.7	264.0	330.9	383.6	422.3	425.9	506.9	619.5	644.2	651.2	654.6
77.5°	183.0	246.4	242.9	309.7	344.9	337.9	397.7	478.7	499.8	499.8	499.8
80°	137.3	193.6	183.0	221.7	253.4	246.4	285.1	341.4	348.5	355.5	352.0
82.5°	102.0	123.2	123.2	140.7	169.0	161.9	190.0	221.7	221.7	221.7	228.7
85°	63.3	70.4	56.3	73.9	95.0	91.6	105.6	119.7	123.2	123.2	116.2
87.5°	38.7	31.7	17.6	28.1	42.3	42.3	49.3	52.8	49.3	49.3	49.3
90°	35.9	24.8	13.8	24.8	35.9	38.6	60.7	90.0	104.8	93.2	69.9
92.5°	242.8	148.9	55.1	148.9	242.8	266.2	374.3	518.3	590.3	517.3	371.5
95°	475.7	304.1	132.4	304.1	475.7	518.6	920.9	1457.3	1725.5	1539.7	1168.3
97.5°	531.8	380.3	228.9	380.3	531.8	569.7	1240.4	2134.8	2582.0	2464.6	2229.9
100°	578.1	440.8	303.4	440.8	578.1	612.5	1356.8	2349.3	2845.5	2854.1	2871.3
102.5°	623.1	495.1	366.9	495.1	623.1	655.2	1410.1	2416.7	2920.0	3069.5	3368.7
105°	691.5	583.0	474.5	583.0	691.5	718.7	1449.7	2424.3	2911.7	3247.0	3917.7
107.5°	787.1	686.0	584.8	686.0	787.1	812.4	1457.0	2316.5	2746.2	3213.9	4149.4
110°	842.0	750.6	659.3	750.6	842.0	864.8	1445.9	2220.8	2608.2	3131.2	4177.0



TEST NUMBER: P935673

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	906.5	819.4	732.4	819.4	906.5	928.2	1446.4	2137.3	2482.8	3018.0	4088.3
115°	1003.4	923.0	842.7	923.0	1003.4	1023.4	1459.8	2041.5	2332.4	2848.0	3879.1
117.5°	1097.7	1024.7	951.8	1024.7	1097.7	1115.9	1486.9	1981.6	2229.0	2694.3	3624.8
120°	1152.5	1083.8	1015.2	1083.8	1152.5	1169.7	1509.0	1961.4	2187.6	2612.8	3463.0
122.5°	1215.8	1146.5	1077.2	1146.5	1215.8	1233.1	1540.7	1950.8	2155.9	2538.7	3304.3
125°	1298.7	1235.6	1172.4	1235.6	1298.7	1314.5	1583.5	1942.1	2121.3	2446.5	3097.0
127.5°	1377.2	1313.4	1249.7	1313.4	1377.2	1393.1	1626.2	1937.0	2092.4	2371.6	2930.0
130°	1428.3	1359.7	1291.1	1359.7	1428.3	1445.5	1657.5	1940.1	2081.4	2329.9	2827.1
132.5°	1471.1	1402.4	1333.8	1402.4	1471.1	1488.3	1682.8	1942.1	2071.7	2294.2	2739.3
135°	1522.3	1459.8	1397.3	1459.8	1522.3	1537.9	1710.4	1940.3	2055.2	2241.6	2614.3
137.5°	1585.9	1524.0	1462.1	1524.0	1585.9	1601.3	1751.7	1952.2	2052.4	2210.0	2525.0
140°	1629.8	1572.8	1515.8	1572.8	1629.8	1644.1	1777.0	1954.1	2042.8	2178.8	2451.0
142.5°	1662.7	1609.9	1557.2	1609.9	1662.7	1675.8	1798.1	1961.2	2042.8	2162.3	2401.4
145°	1712.7	1666.7	1620.7	1666.7	1712.7	1724.1	1825.7	1961.2	2029.0	2126.8	2322.3
147.5°	1773.6	1728.8	1684.1	1728.8	1773.6	1784.8	1866.2	1974.7	2029.0	2105.9	2259.8
150°	1806.5	1766.0	1725.5	1766.0	1806.5	1816.6	1887.4	1981.7	2029.0	2094.0	2223.9
152.5°	1829.6	1798.9	1768.3	1798.9	1829.6	1837.3	1901.2	1986.4	2029.0	2084.5	2195.4
155°	1877.1	1854.4	1831.7	1854.4	1877.1	1882.7	1931.5	1996.5	2029.0	2073.1	2161.4
157.5°	1922.8	1900.7	1878.7	1900.7	1922.8	1928.3	1961.9	2006.6	2029.0	2063.3	2131.9
160°	1944.7	1927.5	1910.4	1927.5	1944.7	1949.0	1975.6	2011.2	2029.0	2058.4	2117.3
162.5°	1967.8	1954.9	1942.1	1954.9	1967.8	1971.0	1990.4	2016.1	2029.0	2053.9	2103.5
165°	1999.8	1988.1	1976.5	1988.1	1999.8	2002.7	2011.5	2023.1	2029.0	2046.8	2082.3
167.5°	2019.3	2013.8	2008.3	2013.8	2019.3	2020.6	2028.0	2037.9	2042.8	2054.4	2077.7
170°	2040.0	2034.5	2029.0	2034.5	2040.0	2041.3	2041.8	2042.4	2042.8	2054.4	2077.7
172.5°	2042.5	2041.2	2040.0	2041.2	2042.5	2042.8	2042.8	2042.8	2042.8	2052.0	2070.4
175°	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2051.0	2045.5	2042.8	2048.6	2060.2
177.5°	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2052.0	2047.6	2045.5	2050.1	2059.3
180°	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4	3720.4
2.5°	3590.2	3579.6	3593.6	3554.9	3593.6	3579.6	3590.2	3614.8	3593.6	3607.8	3621.9
5°	3150.2	3132.6	3076.3	3030.6	3076.3	3132.6	3150.2	3224.2	3259.3	3322.6	3407.2
7.5°	2815.8	2801.7	2787.7	2759.5	2787.7	2801.7	2815.8	2836.9	2872.1	2928.4	2991.8
10°	2741.9	2745.4	2766.6	2763.0	2766.6	2745.4	2741.9	2734.9	2724.3	2734.9	2773.6
12.5°	2932.0	2963.6	3079.8	3072.7	3079.8	2963.6	2932.0	2791.2	2696.1	2678.6	2685.6
15°	3150.2	3160.7	3185.4	3188.9	3185.4	3160.7	3150.2	3093.9	2808.7	2685.6	2646.9
17.5°	3171.3	3174.9	3192.4	3192.4	3192.4	3174.9	3171.3	3146.7	3051.6	2886.2	2668.0
20°	3153.7	3160.7	3195.9	3203.0	3195.9	3160.7	3153.7	3122.0	3069.3	3009.4	2844.0
22.5°	3146.7	3160.7	3188.9	3185.4	3188.9	3160.7	3146.7	3097.4	3051.6	3009.4	2942.6
25°	3111.5	3111.5	3115.0	3118.5	3115.0	3111.5	3111.5	3072.7	2981.3	2970.7	2932.0
27.5°	3037.6	3044.6	3065.7	3062.2	3065.7	3044.6	3037.6	3023.5	2924.9	2914.4	2886.2
30°	2970.7	2963.6	2946.0	2932.0	2946.0	2963.6	2970.7	2949.6	2851.0	2822.9	2829.9
32.5°	2858.0	2840.4	2822.9	2812.3	2822.9	2840.4	2858.0	2851.0	2777.1	2738.4	2745.4
35°	2724.3	2727.8	2724.3	2713.7	2724.3	2727.8	2724.3	2731.3	2685.6	2650.4	2646.9
37.5°	2629.3	2636.3	2632.8	2618.7	2632.8	2636.3	2629.3	2622.3	2558.9	2548.3	2555.4
40°	2530.7	2534.3	2530.7	2520.1	2530.7	2534.3	2530.7	2516.7	2428.7	2432.1	2456.8
42.5°	2435.7	2432.1	2421.6	2414.6	2421.6	2432.1	2435.7	2414.6	2302.0	2291.4	2337.1
45°	2326.6	2330.1	2309.0	2298.4	2309.0	2330.1	2326.6	2312.5	2196.4	2168.1	2199.8
47.5°	2217.4	2217.4	2199.8	2189.3	2199.8	2217.4	2217.4	2199.8	2076.7	2048.5	2066.1
50°	2101.3	2097.8	2073.1	2069.7	2073.1	2097.8	2101.3	2090.7	1960.5	1935.8	1935.8
52.5°	1967.5	1967.5	1971.1	1978.1	1971.1	1967.5	1967.5	1971.1	1854.9	1830.3	1823.2
55°	1851.4	1854.9	1879.5	1886.6	1879.5	1854.9	1851.4	1851.4	1745.8	1721.2	1707.1
57.5°	1731.7	1731.7	1749.4	1749.4	1749.4	1731.7	1731.7	1724.7	1622.6	1601.5	1594.5
60°	1594.5	1601.5	1615.5	1612.1	1615.5	1601.5	1594.5	1587.4	1499.4	1485.4	1460.7
62.5°	1450.1	1457.2	1460.7	1453.7	1460.7	1457.2	1450.1	1429.1	1376.2	1365.7	1334.0
65°	1298.8	1305.8	1309.4	1302.3	1309.4	1305.8	1298.8	1288.2	1249.5	1231.9	1203.8
67.5°	1143.9	1140.4	1136.9	1150.9	1136.9	1140.4	1143.9	1129.9	1105.2	1091.1	1052.4
70°	985.5	985.5	982.0	989.1	982.0	985.5	985.5	974.9	960.9	950.3	915.2
72.5°	816.6	813.1	827.2	816.6	827.2	813.1	816.6	813.1	806.0	795.5	760.3
75°	651.2	658.2	651.2	661.7	651.2	658.2	651.2	654.6	651.2	644.2	619.5
77.5°	496.3	503.3	496.3	496.3	496.3	503.3	496.3	499.8	499.8	499.8	478.7
80°	352.0	348.5	348.5	344.9	348.5	348.5	352.0	352.0	355.5	348.5	341.4
82.5°	225.3	221.7	221.7	228.7	221.7	221.7	225.3	228.7	221.7	221.7	221.7
85°	123.2	126.7	119.7	119.7	119.7	126.7	123.2	116.2	123.2	123.2	119.7
87.5°	45.7	42.3	42.3	42.3	42.3	42.3	45.7	49.3	49.3	49.3	52.8
90°	52.4	52.4	52.4	52.4	52.4	52.4	52.4	69.9	93.2	104.8	90.0
92.5°	262.0	251.7	209.9	168.3	209.9	251.7	262.0	371.5	517.3	590.3	518.3
95°	889.7	858.1	731.8	605.5	731.8	858.1	889.7	1168.3	1539.7	1725.5	1457.3
97.5°	2053.8	1993.6	1753.4	1513.1	1753.4	1993.6	2053.8	2229.9	2464.6	2582.0	2134.8
100°	2884.1	2812.6	2526.3	2240.0	2526.3	2812.6	2884.1	2871.3	2854.1	2845.5	2349.3
102.5°	3593.1	3531.8	3286.6	3041.4	3286.6	3531.8	3593.1	3368.7	3069.5	2920.0	2416.7
105°	4420.6	4387.7	4255.9	4124.1	4255.9	4387.7	4420.6	3917.7	3247.0	2911.7	2424.3
107.5°	4851.0	4859.0	4890.8	4922.7	4890.8	4859.0	4851.0	4149.4	3213.9	2746.2	2316.5
110°	4961.3	4995.7	5133.0	5270.3	5133.0	4995.7	4961.3	4177.0	3131.2	2608.2	2220.8



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4891.0	4943.8	5154.6	5365.5	5154.6	4943.8	4891.0	4088.3	3018.0	2482.8	2137.3
115°	4652.4	4725.5	5017.9	5310.3	5017.9	4725.5	4652.4	3879.1	2848.0	2332.4	2041.5
117.5°	4322.7	4403.8	4728.1	5052.4	4728.1	4403.8	4322.7	3624.8	2694.3	2229.0	1981.6
120°	4100.7	4179.5	4494.5	4809.6	4494.5	4179.5	4100.7	3463.0	2612.8	2187.6	1961.4
122.5°	3878.6	3956.3	4267.1	4577.9	4267.1	3956.3	3878.6	3304.3	2538.7	2155.9	1950.8
125°	3584.8	3656.3	3942.6	4228.9	3942.6	3656.3	3584.8	3097.0	2446.5	2121.3	1942.1
127.5°	3348.9	3409.3	3650.8	3892.4	3650.8	3409.3	3348.9	2930.0	2371.6	2092.4	1937.0
130°	3200.0	3255.8	3478.9	3702.1	3478.9	3255.8	3200.0	2827.1	2329.9	2081.4	1940.1
132.5°	3073.1	3123.1	3322.9	3522.7	3322.9	3123.1	3073.1	2739.3	2294.2	2071.7	1942.1
135°	2893.8	2936.9	3109.1	3281.3	3109.1	2936.9	2893.8	2614.3	2241.6	2055.2	1940.3
137.5°	2761.3	2796.6	2937.6	3078.6	2937.6	2796.6	2761.3	2525.0	2210.0	2052.4	1952.2
140°	2655.1	2688.1	2819.9	2951.7	2819.9	2688.1	2655.1	2451.0	2178.8	2042.8	1954.1
142.5°	2580.7	2609.0	2722.4	2835.8	2722.4	2609.0	2580.7	2401.4	2162.3	2042.8	1961.2
145°	2468.9	2490.4	2576.2	2662.0	2576.2	2490.4	2468.9	2322.3	2126.8	2029.0	1961.2
147.5°	2375.1	2392.9	2464.0	2535.2	2464.0	2392.9	2375.1	2259.8	2105.9	2029.0	1974.7
150°	2321.3	2335.7	2393.4	2451.1	2393.4	2335.7	2321.3	2223.9	2094.0	2029.0	1981.7
152.5°	2278.6	2289.5	2333.0	2376.6	2333.0	2289.5	2278.6	2195.4	2084.5	2029.0	1986.4
155°	2227.5	2234.7	2263.6	2292.4	2263.6	2234.7	2227.5	2161.4	2073.1	2029.0	1996.5
157.5°	2183.4	2188.5	2208.7	2229.0	2208.7	2188.5	2183.4	2131.9	2063.3	2029.0	2006.6
160°	2161.4	2164.3	2176.0	2187.6	2176.0	2164.3	2161.4	2117.3	2058.4	2029.0	2011.2
162.5°	2140.7	2143.5	2154.5	2165.5	2154.5	2143.5	2140.7	2103.5	2053.9	2029.0	2016.1
165°	2108.9	2111.8	2123.5	2135.2	2123.5	2111.8	2108.9	2082.3	2046.8	2029.0	2023.1
167.5°	2095.1	2096.4	2101.3	2106.2	2101.3	2096.4	2095.1	2077.7	2054.4	2042.8	2037.9
170°	2095.1	2095.1	2095.1	2095.1	2095.1	2095.1	2095.1	2077.7	2054.4	2042.8	2042.4
172.5°	2084.1	2083.1	2078.7	2074.5	2078.7	2083.1	2084.1	2070.4	2052.0	2042.8	2042.8
175°	2069.0	2069.0	2069.0	2069.0	2069.0	2069.0	2069.0	2060.2	2048.6	2042.8	2045.5
177.5°	2066.2	2065.0	2060.1	2055.2	2060.1	2065.0	2066.2	2059.3	2050.1	2045.5	2047.6
180°	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2	2055.2



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3720.4	3720.4	3720.4	3720.4	3720.4
2.5°	3674.6	3692.2	3702.8	3716.9	3752.1
5°	3533.9	3600.8	3621.9	3674.6	3738.0
7.5°	3224.2	3428.3	3484.6	3611.3	3709.8
10°	2924.9	3129.0	3227.6	3526.8	3674.6
12.5°	2773.6	2893.3	2960.1	3379.0	3625.3
15°	2678.6	2763.0	2812.3	3181.9	3569.0
17.5°	2604.6	2664.4	2699.7	2988.3	3491.6
20°	2558.9	2587.0	2618.7	2847.5	3403.6
22.5°	2527.2	2509.6	2534.3	2749.0	3283.9
25°	2506.1	2439.2	2467.4	2671.5	3143.2
27.5°	2523.7	2375.8	2386.4	2601.1	2995.3
30°	2527.2	2298.4	2302.0	2527.2	2829.9
32.5°	2502.6	2217.4	2221.0	2435.7	2643.3
35°	2442.7	2122.4	2118.9	2330.1	2390.0
37.5°	2361.7	2020.4	2020.4	2214.0	2111.8
40°	2263.2	1918.3	1928.8	2062.6	1865.5
42.5°	2143.5	1809.1	1823.2	1862.0	1682.5
45°	2013.3	1703.5	1714.1	1573.4	1541.7
47.5°	1869.0	1594.5	1598.0	1305.8	1495.9
50°	1696.5	1481.8	1467.8	1119.3	1492.4
52.5°	1545.2	1358.6	1316.4	1013.7	1355.1
55°	1397.4	1228.4	1136.9	932.8	1256.5
57.5°	1267.1	1059.5	971.5	837.7	1235.5
60°	1147.5	894.0	827.2	735.6	1133.4
62.5°	1048.9	770.9	756.8	665.2	1027.8
65°	943.3	686.3	682.9	605.4	872.9
67.5°	841.2	630.0	626.5	549.1	665.2
70°	732.2	570.2	563.2	489.3	492.8
72.5°	619.5	503.3	496.3	440.0	408.3
75°	506.9	425.9	422.3	383.6	330.9
77.5°	397.7	337.9	344.9	309.7	242.9
80°	285.1	246.4	253.4	221.7	183.0
82.5°	190.0	161.9	169.0	140.7	123.2
85°	105.6	91.6	95.0	73.9	56.3
87.5°	49.3	42.3	42.3	28.1	17.6
90°	60.7	38.6	35.9	24.8	13.8
92.5°	374.3	266.2	242.8	148.9	55.1
95°	920.9	518.6	475.7	304.1	132.4
97.5°	1240.4	569.7	531.8	380.3	228.9
100°	1356.8	612.5	578.1	440.8	303.4
102.5°	1410.1	655.2	623.1	495.1	366.9
105°	1449.7	718.7	691.5	583.0	474.5
107.5°	1457.0	812.4	787.1	686.0	584.8
110°	1445.9	864.8	842.0	750.6	659.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1446.4	928.2	906.5	819.4	732.4
115°	1459.8	1023.4	1003.4	923.0	842.7
117.5°	1486.9	1115.9	1097.7	1024.7	951.8
120°	1509.0	1169.7	1152.5	1083.8	1015.2
122.5°	1540.7	1233.1	1215.8	1146.5	1077.2
125°	1583.5	1314.5	1298.7	1235.6	1172.4
127.5°	1626.2	1393.1	1377.2	1313.4	1249.7
130°	1657.5	1445.5	1428.3	1359.7	1291.1
132.5°	1682.8	1488.3	1471.1	1402.4	1333.8
135°	1710.4	1537.9	1522.3	1459.8	1397.3
137.5°	1751.7	1601.3	1585.9	1524.0	1462.1
140°	1777.0	1644.1	1629.8	1572.8	1515.8
142.5°	1798.1	1675.8	1662.7	1609.9	1557.2
145°	1825.7	1724.1	1712.7	1666.7	1620.7
147.5°	1866.2	1784.8	1773.6	1728.8	1684.1
150°	1887.4	1816.6	1806.5	1766.0	1725.5
152.5°	1901.2	1837.3	1829.6	1798.9	1768.3
155°	1931.5	1882.7	1877.1	1854.4	1831.7
157.5°	1961.9	1928.3	1922.8	1900.7	1878.7
160°	1975.6	1949.0	1944.7	1927.5	1910.4
162.5°	1990.4	1971.0	1967.8	1954.9	1942.1
165°	2011.5	2002.7	1999.8	1988.1	1976.5
167.5°	2028.0	2020.6	2019.3	2013.8	2008.3
170°	2041.8	2041.3	2040.0	2034.5	2029.0
172.5°	2042.8	2042.8	2042.5	2041.2	2040.0
175°	2051.0	2055.2	2055.2	2055.2	2055.2
177.5°	2052.0	2055.2	2055.2	2055.2	2055.2
180°	2055.2	2055.2	2055.2	2055.2	2055.2



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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	12.51	13.31	13.54	14.34	15.72	15.37	16.16	16.39	17.19	18.57
	3H	12.99	13.70	14.02	14.74	16.14	16.71	17.42	17.75	18.46	19.86
	4H	13.17	13.85	14.22	14.89	16.30	17.16	17.83	18.20	18.87	20.28
	6H	13.29	13.91	14.34	14.96	16.38	17.44	18.06	18.50	19.11	20.53
	8H	13.29	13.88	14.35	14.94	16.36	17.52	18.11	18.58	19.17	20.59
	12H	13.26	13.82	14.32	14.87	16.31	17.56	18.12	18.62	19.18	20.62
4H	2H	13.54	14.22	14.59	15.26	16.67	15.77	16.44	16.82	17.48	18.89
	3H	14.56	15.13	15.62	16.20	17.62	17.27	17.83	18.33	18.90	20.32
	4H	14.84	15.35	15.90	16.41	17.86	17.80	18.32	18.87	19.38	20.82
	6H	14.96	15.40	16.03	16.48	17.92	18.17	18.61	19.24	19.69	21.13
	8H	14.96	15.37	16.04	16.45	17.90	18.28	18.69	19.35	19.77	21.22
	12H	14.93	15.30	16.02	16.39	17.85	18.33	18.71	19.43	19.80	21.26
8H	4H	15.29	15.70	16.36	16.78	18.23	17.92	18.33	18.99	19.41	20.86
	6H	15.55	15.89	16.65	17.01	18.46	18.36	18.70	19.46	19.82	21.27
	8H	15.59	15.89	16.69	16.99	18.46	18.51	18.81	19.62	19.91	21.38
	12H	15.57	15.83	16.68	16.93	18.44	18.61	18.88	19.72	19.97	21.48
12H	4H	15.29	15.67	16.39	16.76	18.21	17.88	18.25	18.97	19.34	20.80
	6H	15.61	15.91	16.71	17.01	18.48	18.35	18.65	19.46	19.76	21.23
	8H	15.67	15.94	16.78	17.03	18.54	18.52	18.78	19.63	19.88	21.39