

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: P935772

Luminaire Tested: SQ4-FA-125U-125D-935-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935772
REPORT IS A COMBINATION OF REPORTS P933768 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-935-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

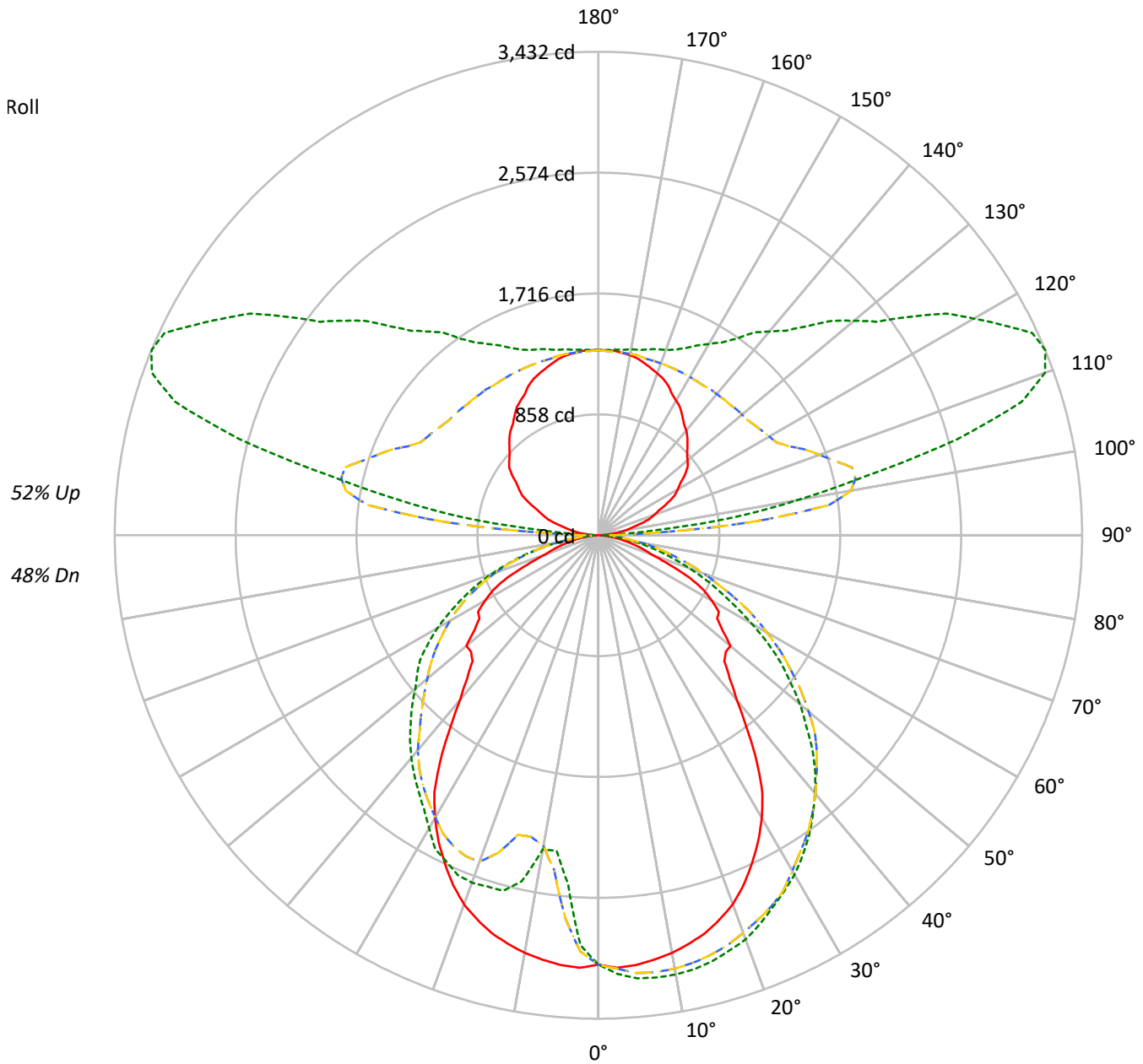
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16429.1 lumens
Efficiency: N/A
Efficacy: 109.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 150.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14141	14141	14141	14141
5°	14246	14274	14246	11224
10°	14151	14060	14151	10053
15°	13997	13756	13997	11487
20°	13705	13395	13705	11511
25°	13105	12869	13105	11267
30°	12331	12432	12331	10731
35°	10993	11879	10993	10143
40°	9160	11229	9160	9698
45°	8184	10467	8184	9186
50°	8694	9558	8694	8674
55°	8181	8580	8181	8376
60°	8432	7287	8432	7672
65°	7646	6023	7646	6733
70°	5294	4800	5294	5644
75°	4641	3549	4641	4248
80°	3742	2346	3742	2555
85°	2147	1243	2147	1057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12543 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.1	1.7
10°-20°	781.1	4.8
20°-30°	1207.5	7.3
30°-40°	1441.5	8.8
40°-50°	1449.9	8.8
50°-60°	1261.6	7.7
60°-70°	894.5	5.4
70°-80°	473.2	2.9
80°-90°	122.9	0.7
90°-100°	640.8	3.9
100°-110°	1684.7	10.3
110°-120°	1746.8	10.6
120°-130°	1401.1	8.5
130°-140°	1099.4	6.7
140°-150°	843.8	5.1
150°-160°	607.7	3.7
160°-170°	371.8	2.3
170°-180°	125.6	0.8
0°-30°	2263.7	13.8
0°-40°	3705.2	22.6
0°-60°	6416.7	39.1
0°-90°	7907.3	48.1
90°-120°	4072.3	24.8
90°-150°	7416.7	45.1
90°-180°	8522.0	51.9
0°-180°	16429.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3048	3048	3048	3048	3048	
5°	3062	3157	3062	2483	3062	290
15°	2924	3128	2924	2612	2924	823
25°	2575	2918	2575	2555	2575	1182
35°	1958	2604	1958	2223	1958	1211
45°	1263	2145	1263	1883	1263	1012
55°	1029	1583	1029	1546	1029	946
65°	715	954	715	1067	715	683
75°	271	453	271	542	271	285
85°	46	115	46	98	46	62
90°	9	34	9	34	9	9
95°	85	387	85	387	85	94
105°	304	2638	304	2638	304	322
115°	539	3397	539	3397	539	532
125°	750	2705	750	2705	750	666
135°	894	2099	894	2099	894	691
145°	1037	1703	1037	1703	1037	649
155°	1172	1466	1172	1466	1172	538
165°	1264	1366	1264	1366	1264	357
175°	1315	1323	1315	1323	1315	125
180°	1315	1315	1315	1315	1315	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3073.7	3073.7	3091.0	3096.8	3096.8	3088.2	3079.5	3088.2	3114.1	3122.8	3119.9
5°	3062.2	3085.3	3117.0	3122.8	3128.5	3125.6	3119.9	3125.6	3154.4	3160.2	3163.1
7.5°	3039.1	3082.4	3122.8	3131.4	3140.0	3131.4	3128.5	3134.3	3163.1	3168.8	3168.8
10°	3010.3	3070.9	3117.0	3122.8	3131.4	3122.8	3122.8	3134.3	3163.1	3168.8	3171.7
12.5°	2969.9	3053.5	3096.8	3102.6	3114.1	3111.2	3108.4	3119.9	3148.7	3154.4	3154.4
15°	2923.8	3021.8	3062.2	3068.0	3088.2	3082.4	3082.4	3093.9	3125.6	3134.3	3131.4
17.5°	2860.3	2981.4	3027.6	3036.2	3050.7	3047.8	3050.7	3062.2	3091.0	3096.8	3099.7
20°	2788.3	2926.6	2981.4	2990.1	3004.5	3004.5	3004.5	3018.9	3047.8	3059.3	3059.3
22.5°	2690.2	2869.0	2926.6	2932.4	2949.7	2949.7	2955.5	2975.7	3001.6	3004.5	3004.5
25°	2574.9	2805.6	2854.5	2871.8	2889.1	2897.8	2906.5	2918.0	2926.6	2923.8	2926.6
27.5°	2453.8	2724.8	2788.3	2799.8	2822.8	2831.5	2843.0	2845.9	2848.8	2857.4	2851.6
30°	2318.3	2612.4	2707.5	2719.1	2756.6	2762.3	2750.8	2756.6	2771.0	2776.8	2782.5
32.5°	2165.4	2445.2	2623.9	2649.9	2684.5	2667.2	2664.3	2672.9	2696.0	2696.0	2701.8
35°	1957.8	2315.4	2546.0	2569.1	2595.0	2574.9	2586.4	2589.3	2603.7	2612.4	2609.5
37.5°	1730.1	2202.9	2465.3	2482.6	2502.8	2476.8	2494.1	2502.8	2514.3	2508.5	2508.5
40°	1528.2	2027.0	2370.2	2381.7	2399.0	2378.8	2396.1	2401.9	2407.7	2401.9	2399.0
42.5°	1378.3	1833.8	2269.2	2283.6	2272.1	2286.5	2292.3	2303.8	2295.2	2283.6	2283.6
45°	1262.9	1782.0	2159.6	2176.9	2159.6	2182.7	2191.4	2191.4	2165.4	2159.6	2156.8
47.5°	1225.4	1678.1	2050.1	2050.1	2041.5	2070.3	2084.7	2064.5	2038.6	2029.9	2029.9
50°	1222.5	1562.8	1900.1	1888.6	1929.0	1963.6	1949.2	1929.0	1908.8	1877.1	1877.1
52.5°	1110.1	1421.5	1707.0	1750.3	1813.7	1833.8	1810.8	1790.6	1756.0	1741.6	1730.1
55°	1029.4	1274.5	1531.1	1617.6	1683.9	1709.9	1666.6	1646.4	1594.5	1585.9	1580.1
57.5°	1012.1	1061.1	1369.6	1479.2	1559.9	1557.0	1531.1	1493.6	1450.4	1441.7	1438.9
60°	928.4	767.0	1196.6	1326.4	1410.0	1401.4	1378.3	1343.7	1303.3	1297.5	1291.8
62.5°	841.9	556.5	1000.5	1147.6	1265.8	1262.9	1242.7	1190.8	1162.0	1147.6	1136.1
65°	715.1	467.2	712.2	954.4	1124.6	1130.3	1087.1	1049.6	1017.8	1000.5	997.7
67.5°	544.9	380.6	481.6	795.9	989.0	983.2	928.4	911.1	870.8	862.1	844.8
70°	403.7	253.7	334.5	645.9	856.3	841.9	798.7	778.6	741.1	720.9	709.3
72.5°	334.5	204.7	245.1	501.7	720.9	703.6	666.1	643.0	611.3	594.0	582.4
75°	271.0	216.2	187.4	372.0	585.3	573.8	539.2	516.1	490.2	467.2	470.0
77.5°	198.9	201.8	150.0	273.9	464.3	447.0	426.8	397.9	386.4	363.3	363.3
80°	150.0	158.6	112.5	187.4	334.5	334.5	317.2	297.0	276.8	265.3	265.3
82.5°	100.9	100.9	83.6	118.3	227.8	219.1	207.6	201.8	190.3	184.5	184.5
85°	46.1	57.7	51.9	72.1	124.0	129.8	129.8	124.0	121.1	115.4	118.3
87.5°	14.4	26.0	31.7	40.4	63.5	66.3	69.2	69.2	69.2	72.1	72.1
90°	8.9	15.9	22.9	24.7	38.9	57.7	67.1	59.6	44.6	33.5	33.5
92.5°	35.3	95.3	155.3	170.3	239.4	331.5	377.6	330.9	237.6	167.6	160.9
95°	84.7	194.5	304.3	331.8	589.1	932.2	1103.7	984.9	747.3	569.1	548.9
97.5°	146.5	243.3	340.2	364.4	793.5	1365.6	1651.6	1576.5	1426.3	1313.7	1275.3
100°	194.1	281.9	369.8	391.7	867.8	1502.7	1820.1	1825.6	1836.6	1844.8	1799.1
102.5°	234.6	316.6	398.6	419.1	902.0	1545.9	1867.8	1963.4	2154.8	2298.3	2259.1
105°	303.5	372.9	442.3	459.7	927.2	1550.7	1862.5	2076.9	2505.9	2827.6	2806.6
107.5°	374.1	438.8	503.4	519.6	931.9	1481.7	1756.6	2055.8	2654.2	3102.9	3108.0
110°	421.7	480.2	538.6	553.2	924.9	1420.5	1668.4	2002.9	2671.8	3173.4	3195.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	468.5	524.2	579.9	593.8	925.2	1367.1	1588.0	1930.4	2615.0	3128.5	3162.2
115°	539.1	590.4	641.7	654.6	933.7	1305.9	1491.9	1821.7	2481.2	2975.9	3022.6
117.5°	608.8	655.4	702.0	713.7	951.1	1267.5	1425.7	1723.3	2318.5	2765.0	2816.9
120°	649.3	693.3	737.2	748.1	965.1	1254.6	1399.2	1671.2	2215.0	2623.0	2673.3
122.5°	689.0	733.3	777.6	788.7	985.4	1247.8	1379.0	1623.8	2113.6	2480.9	2530.6
125°	749.9	790.3	830.7	840.8	1012.8	1242.2	1356.9	1565.0	1981.0	2293.0	2338.7
127.5°	799.3	840.2	880.9	891.1	1040.2	1239.0	1338.4	1517.0	1874.2	2142.1	2180.7
130°	825.8	869.7	913.6	924.6	1060.1	1240.9	1331.3	1490.3	1808.4	2046.8	2082.5
132.5°	853.1	897.1	940.9	951.9	1076.3	1242.2	1325.1	1467.5	1752.1	1965.6	1997.6
135°	893.7	933.7	973.8	983.7	1094.0	1241.0	1314.6	1433.7	1672.1	1851.0	1878.5
137.5°	935.2	974.8	1014.4	1024.3	1120.5	1248.7	1312.8	1413.6	1615.1	1766.3	1788.9
140°	969.6	1006.0	1042.5	1051.6	1136.7	1250.0	1306.6	1393.7	1567.8	1698.4	1719.4
142.5°	996.1	1029.8	1063.5	1071.9	1150.1	1254.5	1306.6	1383.1	1536.0	1650.7	1668.8
145°	1036.6	1066.0	1095.5	1102.8	1167.8	1254.5	1297.8	1360.3	1485.5	1579.3	1593.0
147.5°	1077.3	1105.9	1134.5	1141.7	1193.7	1263.1	1297.8	1347.0	1445.4	1519.3	1530.6
150°	1103.7	1129.6	1155.5	1162.0	1207.2	1267.6	1297.8	1339.3	1422.5	1484.9	1494.1
152.5°	1131.0	1150.6	1170.2	1175.2	1216.1	1270.5	1297.8	1333.3	1404.3	1457.5	1464.5
155°	1171.7	1186.2	1200.6	1204.3	1235.5	1277.0	1297.8	1326.1	1382.5	1424.9	1429.5
157.5°	1201.7	1215.7	1229.9	1233.4	1254.8	1283.5	1297.8	1319.7	1363.6	1396.6	1399.8
160°	1221.9	1232.9	1243.9	1246.6	1263.7	1286.4	1297.8	1316.6	1354.3	1382.5	1384.3
162.5°	1242.2	1250.4	1258.7	1260.7	1273.1	1289.5	1297.8	1313.6	1345.4	1369.2	1371.0
165°	1264.3	1271.8	1279.2	1281.1	1286.6	1294.0	1297.8	1309.2	1331.9	1349.0	1350.8
167.5°	1284.6	1288.1	1291.6	1292.5	1297.2	1303.5	1306.6	1314.0	1328.9	1340.1	1340.9
170°	1297.8	1301.3	1304.9	1305.8	1306.0	1306.5	1306.6	1314.0	1328.9	1340.1	1340.1
172.5°	1304.8	1305.6	1306.5	1306.6	1306.6	1306.6	1306.6	1312.5	1324.3	1333.1	1332.4
175°	1314.6	1314.6	1314.6	1314.6	1311.9	1308.4	1306.6	1310.4	1317.8	1323.4	1323.4
177.5°	1314.6	1314.6	1314.6	1314.6	1312.5	1309.8	1308.4	1311.3	1317.2	1321.6	1320.9
180°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3125.6	3117.0	3125.6	3119.9	3122.8	3114.1	3088.2	3079.5	3088.2	3096.8	3096.8
5°	3163.1	3157.3	3163.1	3163.1	3160.2	3154.4	3125.6	3119.9	3125.6	3128.5	3122.8
7.5°	3174.6	3165.9	3174.6	3168.8	3168.8	3163.1	3134.3	3128.5	3131.4	3140.0	3131.4
10°	3174.6	3165.9	3174.6	3171.7	3168.8	3163.1	3134.3	3122.8	3122.8	3131.4	3122.8
12.5°	3160.2	3154.4	3160.2	3154.4	3154.4	3148.7	3119.9	3108.4	3111.2	3114.1	3102.6
15°	3137.1	3128.5	3137.1	3131.4	3134.3	3125.6	3093.9	3082.4	3082.4	3088.2	3068.0
17.5°	3102.6	3091.0	3102.6	3099.7	3096.8	3091.0	3062.2	3050.7	3047.8	3050.7	3036.2
20°	3062.2	3053.5	3062.2	3059.3	3059.3	3047.8	3018.9	3004.5	3004.5	3004.5	2990.1
22.5°	2998.7	2990.1	2998.7	3004.5	3004.5	3001.6	2975.7	2955.5	2949.7	2949.7	2932.4
25°	2926.6	2918.0	2926.6	2926.6	2923.8	2926.6	2918.0	2906.5	2897.8	2889.1	2871.8
27.5°	2857.4	2851.6	2857.4	2851.6	2857.4	2848.8	2845.9	2843.0	2831.5	2822.8	2799.8
30°	2788.3	2782.5	2788.3	2782.5	2776.8	2771.0	2756.6	2750.8	2762.3	2756.6	2719.1
32.5°	2701.8	2696.0	2701.8	2701.8	2696.0	2696.0	2672.9	2664.3	2667.2	2684.5	2649.9
35°	2612.4	2603.7	2612.4	2609.5	2612.4	2603.7	2589.3	2586.4	2574.9	2595.0	2569.1
37.5°	2508.5	2499.9	2508.5	2508.5	2508.5	2514.3	2502.8	2494.1	2476.8	2502.8	2482.6
40°	2401.9	2390.4	2401.9	2399.0	2401.9	2407.7	2401.9	2396.1	2378.8	2399.0	2381.7
42.5°	2280.8	2277.9	2280.8	2283.6	2283.6	2295.2	2303.8	2292.3	2286.5	2272.1	2283.6
45°	2151.0	2145.3	2151.0	2156.8	2159.6	2165.4	2191.4	2191.4	2182.7	2159.6	2176.9
47.5°	2012.6	1998.2	2012.6	2029.9	2029.9	2038.6	2064.5	2084.7	2070.3	2041.5	2050.1
50°	1865.5	1868.4	1865.5	1877.1	1877.1	1908.8	1929.0	1949.2	1963.6	1929.0	1888.6
52.5°	1721.4	1718.5	1721.4	1730.1	1741.6	1756.0	1790.6	1810.8	1833.8	1813.7	1750.3
55°	1577.2	1583.0	1577.2	1580.1	1585.9	1594.5	1646.4	1666.6	1709.9	1683.9	1617.6
57.5°	1433.1	1424.4	1433.1	1438.9	1441.7	1450.4	1493.6	1531.1	1557.0	1559.9	1479.2
60°	1265.8	1254.3	1265.8	1291.8	1297.5	1303.3	1343.7	1378.3	1401.4	1410.0	1326.4
62.5°	1118.8	1098.6	1118.8	1136.1	1147.6	1162.0	1190.8	1242.7	1262.9	1265.8	1147.6
65°	963.0	954.4	963.0	997.7	1000.5	1017.8	1049.6	1087.1	1130.3	1124.6	954.4
67.5°	821.8	821.8	821.8	844.8	862.1	870.8	911.1	928.4	983.2	989.0	795.9
70°	692.0	689.1	692.0	709.3	720.9	741.1	778.6	798.7	841.9	856.3	645.9
72.5°	568.0	565.1	568.0	582.4	594.0	611.3	643.0	666.1	703.6	720.9	501.7
75°	458.5	452.7	458.5	470.0	467.2	490.2	516.1	539.2	573.8	585.3	372.0
77.5°	351.8	351.8	351.8	363.3	363.3	386.4	397.9	426.8	447.0	464.3	273.9
80°	262.4	259.5	262.4	265.3	265.3	276.8	297.0	317.2	334.5	334.5	187.4
82.5°	184.5	178.7	184.5	184.5	184.5	190.3	201.8	207.6	219.1	227.8	118.3
85°	115.4	115.4	115.4	118.3	115.4	121.1	124.0	129.8	129.8	124.0	72.1
87.5°	75.0	72.1	75.0	72.1	72.1	69.2	69.2	69.2	66.3	63.5	40.4
90°	33.5	33.5	33.5	33.5	33.5	44.6	59.6	67.1	57.7	38.9	24.7
92.5°	134.3	107.6	134.3	160.9	167.6	237.6	330.9	377.6	331.5	239.4	170.3
95°	468.1	387.3	468.1	548.9	569.1	747.3	984.9	1103.7	932.2	589.1	331.8
97.5°	1121.6	967.9	1121.6	1275.3	1313.7	1426.3	1576.5	1651.6	1365.6	793.5	364.4
100°	1615.9	1432.8	1615.9	1799.1	1844.8	1836.6	1825.6	1820.1	1502.7	867.8	391.7
102.5°	2102.2	1945.4	2102.2	2259.1	2298.3	2154.8	1963.4	1867.8	1545.9	902.0	419.1
105°	2722.2	2638.0	2722.2	2806.6	2827.6	2505.9	2076.9	1862.5	1550.7	927.2	459.7
107.5°	3128.4	3148.7	3128.4	3108.0	3102.9	2654.2	2055.8	1756.6	1481.7	931.9	519.6
110°	3283.3	3371.1	3283.3	3195.4	3173.4	2671.8	2002.9	1668.4	1420.5	924.9	553.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3297.1	3431.9	3297.1	3162.2	3128.5	2615.0	1930.4	1588.0	1367.1	925.2	593.8
115°	3209.7	3396.7	3209.7	3022.6	2975.9	2481.2	1821.7	1491.9	1305.9	933.7	654.6
117.5°	3024.3	3231.7	3024.3	2816.9	2765.0	2318.5	1723.3	1425.7	1267.5	951.1	713.7
120°	2874.9	3076.4	2874.9	2673.3	2623.0	2215.0	1671.2	1399.2	1254.6	965.1	748.1
122.5°	2729.5	2928.2	2729.5	2530.6	2480.9	2113.6	1623.8	1379.0	1247.8	985.4	788.7
125°	2521.9	2705.0	2521.9	2338.7	2293.0	1981.0	1565.0	1356.9	1242.2	1012.8	840.8
127.5°	2335.2	2489.7	2335.2	2180.7	2142.1	1874.2	1517.0	1338.4	1239.0	1040.2	891.1
130°	2225.3	2368.0	2225.3	2082.5	2046.8	1808.4	1490.3	1331.3	1240.9	1060.1	924.6
132.5°	2125.5	2253.3	2125.5	1997.6	1965.6	1752.1	1467.5	1325.1	1242.2	1076.3	951.9
135°	1988.7	2098.9	1988.7	1878.5	1851.0	1672.1	1433.7	1314.6	1241.0	1094.0	983.7
137.5°	1879.0	1969.2	1879.0	1788.9	1766.3	1615.1	1413.6	1312.8	1248.7	1120.5	1024.3
140°	1803.8	1888.0	1803.8	1719.4	1698.4	1567.8	1393.7	1306.6	1250.0	1136.7	1051.6
142.5°	1741.3	1813.9	1741.3	1668.8	1650.7	1536.0	1383.1	1306.6	1254.5	1150.1	1071.9
145°	1647.9	1702.7	1647.9	1593.0	1579.3	1485.5	1360.3	1297.8	1254.5	1167.8	1102.8
147.5°	1576.1	1621.6	1576.1	1530.6	1519.3	1445.4	1347.0	1297.8	1263.1	1193.7	1141.7
150°	1531.0	1567.8	1531.0	1494.1	1484.9	1422.5	1339.3	1297.8	1267.6	1207.2	1162.0
152.5°	1492.3	1520.1	1492.3	1464.5	1457.5	1404.3	1333.3	1297.8	1270.5	1216.1	1175.2
155°	1447.9	1466.3	1447.9	1429.5	1424.9	1382.5	1326.1	1297.8	1277.0	1235.5	1204.3
157.5°	1412.8	1425.7	1412.8	1399.8	1396.6	1363.6	1319.7	1297.8	1283.5	1254.8	1233.4
160°	1391.7	1399.2	1391.7	1384.3	1382.5	1354.3	1316.6	1297.8	1286.4	1263.7	1246.6
162.5°	1378.1	1385.2	1378.1	1371.0	1369.2	1345.4	1313.6	1297.8	1289.5	1273.1	1260.7
165°	1358.3	1365.8	1358.3	1350.8	1349.0	1331.9	1309.2	1297.8	1294.0	1286.6	1281.1
167.5°	1344.0	1347.2	1344.0	1340.9	1340.1	1328.9	1314.0	1306.6	1303.5	1297.2	1292.5
170°	1340.1	1340.1	1340.1	1340.1	1340.1	1328.9	1314.0	1306.6	1306.5	1306.0	1305.8
172.5°	1329.6	1326.9	1329.6	1332.4	1333.1	1324.3	1312.5	1306.6	1306.6	1306.6	1306.6
175°	1323.4	1323.4	1323.4	1323.4	1323.4	1317.8	1310.4	1306.6	1308.4	1311.9	1314.6
177.5°	1317.7	1314.6	1317.7	1320.9	1321.6	1317.2	1311.3	1308.4	1309.8	1312.5	1314.6
180°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3091.0	3073.7	3073.7	3044.9	3033.4	3024.7	3010.3	2967.0	2955.5	2943.9	2961.3
5°	3117.0	3085.3	3062.2	3010.3	2967.0	2949.7	2894.9	2791.2	2722.0	2670.0	2641.2
7.5°	3122.8	3082.4	3039.1	2958.4	2854.5	2808.4	2641.2	2450.9	2399.0	2352.9	2324.0
10°	3117.0	3070.9	3010.3	2889.1	2644.1	2563.3	2396.1	2272.1	2240.4	2231.7	2240.4
12.5°	3096.8	3053.5	2969.9	2768.1	2425.0	2370.2	2272.1	2200.0	2194.2	2208.7	2286.5
15°	3062.2	3021.8	2923.8	2606.6	2303.8	2263.5	2194.2	2168.3	2200.0	2301.0	2534.5
17.5°	3027.6	2981.4	2860.3	2448.1	2211.5	2182.7	2133.7	2185.6	2364.4	2499.9	2577.7
20°	2981.4	2926.6	2788.3	2332.7	2145.3	2119.3	2096.3	2329.8	2465.3	2514.3	2557.6
22.5°	2926.6	2869.0	2690.2	2251.9	2076.1	2055.9	2070.3	2410.6	2465.3	2499.9	2537.4
25°	2854.5	2805.6	2574.9	2188.5	2021.3	1998.2	2053.0	2401.9	2433.6	2442.3	2517.2
27.5°	2788.3	2724.8	2453.8	2130.9	1954.9	1946.3	2067.4	2364.4	2387.5	2396.1	2476.8
30°	2707.5	2612.4	2318.3	2070.3	1885.7	1882.8	2070.3	2318.3	2312.5	2335.6	2416.3
32.5°	2623.9	2445.2	2165.4	1995.3	1819.4	1816.5	2050.1	2249.0	2243.3	2275.0	2335.6
35°	2546.0	2315.4	1957.8	1908.8	1735.8	1738.7	2001.1	2168.3	2171.2	2200.0	2237.5
37.5°	2465.3	2202.9	1730.1	1813.7	1655.1	1655.1	1934.7	2093.4	2087.6	2096.3	2148.1
40°	2370.2	2027.0	1528.2	1689.7	1580.1	1571.4	1854.0	2012.6	1992.4	1989.6	2061.7
42.5°	2269.2	1833.8	1378.3	1525.3	1493.6	1482.1	1756.0	1914.6	1877.1	1885.7	1978.0
45°	2159.6	1782.0	1262.9	1288.9	1404.2	1395.6	1649.3	1802.2	1776.2	1799.3	1894.4
47.5°	2050.1	1678.1	1225.4	1069.8	1309.1	1306.2	1531.1	1692.6	1678.1	1701.2	1802.2
50°	1900.1	1562.8	1222.5	916.9	1202.3	1213.9	1389.8	1585.9	1585.9	1606.0	1712.8
52.5°	1707.0	1421.5	1110.1	830.4	1078.4	1113.0	1265.8	1493.6	1499.3	1519.5	1614.7
55°	1531.1	1274.5	1029.4	764.1	931.3	1006.3	1144.7	1398.5	1410.0	1430.2	1516.6
57.5°	1369.6	1061.1	1012.1	686.3	795.9	867.9	1038.0	1306.2	1311.9	1329.3	1412.9
60°	1196.6	767.0	928.4	602.6	677.6	732.4	940.0	1196.6	1216.8	1228.3	1300.4
62.5°	1000.5	556.5	841.9	544.9	619.9	631.5	859.2	1092.8	1118.8	1127.5	1170.6
65°	712.2	467.2	715.1	495.9	559.3	562.2	772.8	986.1	1009.2	1023.6	1055.3
67.5°	481.6	380.6	544.9	449.8	513.2	516.1	689.1	862.1	893.8	905.4	925.6
70°	334.5	253.7	403.7	400.8	461.4	467.2	599.7	749.7	778.6	787.2	798.7
72.5°	245.1	204.7	334.5	360.4	406.6	412.4	507.5	622.8	651.6	660.3	666.1
75°	187.4	216.2	271.0	314.3	346.0	348.9	415.2	507.5	527.6	533.4	536.3
77.5°	150.0	201.8	198.9	253.7	282.6	276.8	325.8	392.2	409.5	409.5	409.5
80°	112.5	158.6	150.0	181.6	207.6	201.8	233.5	279.7	285.4	291.2	288.3
82.5°	83.6	100.9	100.9	115.4	138.4	132.7	155.7	181.6	181.6	181.6	187.4
85°	51.9	57.7	46.1	60.6	77.9	75.0	86.5	98.1	100.9	100.9	95.2
87.5°	31.7	26.0	14.4	23.1	34.6	34.6	40.4	43.3	40.4	40.4	40.4
90°	22.9	15.9	8.9	15.9	22.9	24.7	38.9	57.7	67.1	59.6	44.6
92.5°	155.3	95.3	35.3	95.3	155.3	170.3	239.4	331.5	377.6	330.9	237.6
95°	304.3	194.5	84.7	194.5	304.3	331.8	589.1	932.2	1103.7	984.9	747.3
97.5°	340.2	243.3	146.5	243.3	340.2	364.4	793.5	1365.6	1651.6	1576.5	1426.3
100°	369.8	281.9	194.1	281.9	369.8	391.7	867.8	1502.7	1820.1	1825.6	1836.6
102.5°	398.6	316.6	234.6	316.6	398.6	419.1	902.0	1545.9	1867.8	1963.4	2154.8
105°	442.3	372.9	303.5	372.9	442.3	459.7	927.2	1550.7	1862.5	2076.9	2505.9
107.5°	503.4	438.8	374.1	438.8	503.4	519.6	931.9	1481.7	1756.6	2055.8	2654.2
110°	538.6	480.2	421.7	480.2	538.6	553.2	924.9	1420.5	1668.4	2002.9	2671.8



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	579.9	524.2	468.5	524.2	579.9	593.8	925.2	1367.1	1588.0	1930.4	2615.0
115°	641.7	590.4	539.1	590.4	641.7	654.6	933.7	1305.9	1491.9	1821.7	2481.2
117.5°	702.0	655.4	608.8	655.4	702.0	713.7	951.1	1267.5	1425.7	1723.3	2318.5
120°	737.2	693.3	649.3	693.3	737.2	748.1	965.1	1254.6	1399.2	1671.2	2215.0
122.5°	777.6	733.3	689.0	733.3	777.6	788.7	985.4	1247.8	1379.0	1623.8	2113.6
125°	830.7	790.3	749.9	790.3	830.7	840.8	1012.8	1242.2	1356.9	1565.0	1981.0
127.5°	880.9	840.2	799.3	840.2	880.9	891.1	1040.2	1239.0	1338.4	1517.0	1874.2
130°	913.6	869.7	825.8	869.7	913.6	924.6	1060.1	1240.9	1331.3	1490.3	1808.4
132.5°	940.9	897.1	853.1	897.1	940.9	951.9	1076.3	1242.2	1325.1	1467.5	1752.1
135°	973.8	933.7	893.7	933.7	973.8	983.7	1094.0	1241.0	1314.6	1433.7	1672.1
137.5°	1014.4	974.8	935.2	974.8	1014.4	1024.3	1120.5	1248.7	1312.8	1413.6	1615.1
140°	1042.5	1006.0	969.6	1006.0	1042.5	1051.6	1136.7	1250.0	1306.6	1393.7	1567.8
142.5°	1063.5	1029.8	996.1	1029.8	1063.5	1071.9	1150.1	1254.5	1306.6	1383.1	1536.0
145°	1095.5	1066.0	1036.6	1066.0	1095.5	1102.8	1167.8	1254.5	1297.8	1360.3	1485.5
147.5°	1134.5	1105.9	1077.3	1105.9	1134.5	1141.7	1193.7	1263.1	1297.8	1347.0	1445.4
150°	1155.5	1129.6	1103.7	1129.6	1155.5	1162.0	1207.2	1267.6	1297.8	1339.3	1422.5
152.5°	1170.2	1150.6	1131.0	1150.6	1170.2	1175.2	1216.1	1270.5	1297.8	1333.3	1404.3
155°	1200.6	1186.2	1171.7	1186.2	1200.6	1204.3	1235.5	1277.0	1297.8	1326.1	1382.5
157.5°	1229.9	1215.7	1201.7	1215.7	1229.9	1233.4	1254.8	1283.5	1297.8	1319.7	1363.6
160°	1243.9	1232.9	1221.9	1232.9	1243.9	1246.6	1263.7	1286.4	1297.8	1316.6	1354.3
162.5°	1258.7	1250.4	1242.2	1250.4	1258.7	1260.7	1273.1	1289.5	1297.8	1313.6	1345.4
165°	1279.2	1271.8	1264.3	1271.8	1279.2	1281.1	1286.6	1294.0	1297.8	1309.2	1331.9
167.5°	1291.6	1288.1	1284.6	1288.1	1291.6	1292.5	1297.2	1303.5	1306.6	1314.0	1328.9
170°	1304.9	1301.3	1297.8	1301.3	1304.9	1305.8	1306.0	1306.5	1306.6	1314.0	1328.9
172.5°	1306.5	1305.6	1304.8	1305.6	1306.5	1306.6	1306.6	1306.6	1306.6	1312.5	1324.3
175°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1311.9	1308.4	1306.6	1310.4	1317.8
177.5°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1312.5	1309.8	1308.4	1311.3	1317.2
180°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6



TEST NUMBER: P935772
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	2941.1	2932.4	2943.9	2912.2	2943.9	2932.4	2941.1	2961.3	2943.9	2955.5	2967.0
5°	2580.6	2566.2	2520.1	2482.6	2520.1	2566.2	2580.6	2641.2	2670.0	2722.0	2791.2
7.5°	2306.7	2295.2	2283.6	2260.6	2283.6	2295.2	2306.7	2324.0	2352.9	2399.0	2450.9
10°	2246.2	2249.0	2266.3	2263.5	2266.3	2249.0	2246.2	2240.4	2231.7	2240.4	2272.1
12.5°	2401.9	2427.9	2522.9	2517.2	2522.9	2427.9	2401.9	2286.5	2208.7	2194.2	2200.0
15°	2580.6	2589.3	2609.5	2612.4	2609.5	2589.3	2580.6	2534.5	2301.0	2200.0	2168.3
17.5°	2597.9	2600.8	2615.2	2615.2	2615.2	2600.8	2597.9	2577.7	2499.9	2364.4	2185.6
20°	2583.5	2589.3	2618.1	2623.9	2618.1	2589.3	2583.5	2557.6	2514.3	2465.3	2329.8
22.5°	2577.7	2589.3	2612.4	2609.5	2612.4	2589.3	2577.7	2537.4	2499.9	2465.3	2410.6
25°	2548.9	2548.9	2551.8	2554.7	2551.8	2548.9	2548.9	2517.2	2442.3	2433.6	2401.9
27.5°	2488.4	2494.1	2511.4	2508.5	2511.4	2494.1	2488.4	2476.8	2396.1	2387.5	2364.4
30°	2433.6	2427.9	2413.4	2401.9	2413.4	2427.9	2433.6	2416.3	2335.6	2312.5	2318.3
32.5°	2341.3	2326.9	2312.5	2303.8	2312.5	2326.9	2341.3	2335.6	2275.0	2243.3	2249.0
35°	2231.7	2234.6	2231.7	2223.1	2231.7	2234.6	2231.7	2237.5	2200.0	2171.2	2168.3
37.5°	2153.9	2159.6	2156.8	2145.3	2156.8	2159.6	2153.9	2148.1	2096.3	2087.6	2093.4
40°	2073.2	2076.1	2073.2	2064.5	2073.2	2076.1	2073.2	2061.7	1989.6	1992.4	2012.6
42.5°	1995.3	1992.4	1983.8	1978.0	1983.8	1992.4	1995.3	1978.0	1885.7	1877.1	1914.6
45°	1905.9	1908.8	1891.5	1882.8	1891.5	1908.8	1905.9	1894.4	1799.3	1776.2	1802.2
47.5°	1816.5	1816.5	1802.2	1793.5	1802.2	1816.5	1816.5	1802.2	1701.2	1678.1	1692.6
50°	1721.4	1718.5	1698.3	1695.5	1698.3	1718.5	1721.4	1712.8	1606.0	1585.9	1585.9
52.5°	1611.8	1611.8	1614.7	1620.5	1614.7	1611.8	1611.8	1614.7	1519.5	1499.3	1493.6
55°	1516.6	1519.5	1539.7	1545.5	1539.7	1519.5	1516.6	1516.6	1430.2	1410.0	1398.5
57.5°	1418.7	1418.7	1433.1	1433.1	1433.1	1418.7	1418.7	1412.9	1329.3	1311.9	1306.2
60°	1306.2	1311.9	1323.5	1320.6	1323.5	1311.9	1306.2	1300.4	1228.3	1216.8	1196.6
62.5°	1187.9	1193.7	1196.6	1190.8	1196.6	1193.7	1187.9	1170.6	1127.5	1118.8	1092.8
65°	1064.0	1069.8	1072.7	1066.9	1072.7	1069.8	1064.0	1055.3	1023.6	1009.2	986.1
67.5°	937.1	934.2	931.3	942.9	931.3	934.2	937.1	925.6	905.4	893.8	862.1
70°	807.4	807.4	804.5	810.3	804.5	807.4	807.4	798.7	787.2	778.6	749.7
72.5°	669.0	666.1	677.6	669.0	677.6	666.1	669.0	666.1	660.3	651.6	622.8
75°	533.4	539.2	533.4	542.0	533.4	539.2	533.4	536.3	533.4	527.6	507.5
77.5°	406.6	412.4	406.6	406.6	406.6	412.4	406.6	409.5	409.5	409.5	392.2
80°	288.3	285.4	285.4	282.6	285.4	285.4	288.3	288.3	291.2	285.4	279.7
82.5°	184.5	181.6	181.6	187.4	181.6	181.6	184.5	187.4	181.6	181.6	181.6
85°	100.9	103.8	98.1	98.1	98.1	103.8	100.9	95.2	100.9	100.9	98.1
87.5°	37.5	34.6	34.6	34.6	34.6	34.6	37.5	40.4	40.4	40.4	43.3
90°	33.5	33.5	33.5	33.5	33.5	33.5	33.5	44.6	59.6	67.1	57.7
92.5°	167.6	160.9	134.3	107.6	134.3	160.9	167.6	237.6	330.9	377.6	331.5
95°	569.1	548.9	468.1	387.3	468.1	548.9	569.1	747.3	984.9	1103.7	932.2
97.5°	1313.7	1275.3	1121.6	967.9	1121.6	1275.3	1313.7	1426.3	1576.5	1651.6	1365.6
100°	1844.8	1799.1	1615.9	1432.8	1615.9	1799.1	1844.8	1836.6	1825.6	1820.1	1502.7
102.5°	2298.3	2259.1	2102.2	1945.4	2102.2	2259.1	2298.3	2154.8	1963.4	1867.8	1545.9
105°	2827.6	2806.6	2722.2	2638.0	2722.2	2806.6	2827.6	2505.9	2076.9	1862.5	1550.7
107.5°	3102.9	3108.0	3128.4	3148.7	3128.4	3108.0	3102.9	2654.2	2055.8	1756.6	1481.7
110°	3173.4	3195.4	3283.3	3371.1	3283.3	3195.4	3173.4	2671.8	2002.9	1668.4	1420.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3128.5	3162.2	3297.1	3431.9	3297.1	3162.2	3128.5	2615.0	1930.4	1588.0	1367.1
115°	2975.9	3022.6	3209.7	3396.7	3209.7	3022.6	2975.9	2481.2	1821.7	1491.9	1305.9
117.5°	2765.0	2816.9	3024.3	3231.7	3024.3	2816.9	2765.0	2318.5	1723.3	1425.7	1267.5
120°	2623.0	2673.3	2874.9	3076.4	2874.9	2673.3	2623.0	2215.0	1671.2	1399.2	1254.6
122.5°	2480.9	2530.6	2729.5	2928.2	2729.5	2530.6	2480.9	2113.6	1623.8	1379.0	1247.8
125°	2293.0	2338.7	2521.9	2705.0	2521.9	2338.7	2293.0	1981.0	1565.0	1356.9	1242.2
127.5°	2142.1	2180.7	2335.2	2489.7	2335.2	2180.7	2142.1	1874.2	1517.0	1338.4	1239.0
130°	2046.8	2082.5	2225.3	2368.0	2225.3	2082.5	2046.8	1808.4	1490.3	1331.3	1240.9
132.5°	1965.6	1997.6	2125.5	2253.3	2125.5	1997.6	1965.6	1752.1	1467.5	1325.1	1242.2
135°	1851.0	1878.5	1988.7	2098.9	1988.7	1878.5	1851.0	1672.1	1433.7	1314.6	1241.0
137.5°	1766.3	1788.9	1879.0	1969.2	1879.0	1788.9	1766.3	1615.1	1413.6	1312.8	1248.7
140°	1698.4	1719.4	1803.8	1888.0	1803.8	1719.4	1698.4	1567.8	1393.7	1306.6	1250.0
142.5°	1650.7	1668.8	1741.3	1813.9	1741.3	1668.8	1650.7	1536.0	1383.1	1306.6	1254.5
145°	1579.3	1593.0	1647.9	1702.7	1647.9	1593.0	1579.3	1485.5	1360.3	1297.8	1254.5
147.5°	1519.3	1530.6	1576.1	1621.6	1576.1	1530.6	1519.3	1445.4	1347.0	1297.8	1263.1
150°	1484.9	1494.1	1531.0	1567.8	1531.0	1494.1	1484.9	1422.5	1339.3	1297.8	1267.6
152.5°	1457.5	1464.5	1492.3	1520.1	1492.3	1464.5	1457.5	1404.3	1333.3	1297.8	1270.5
155°	1424.9	1429.5	1447.9	1466.3	1447.9	1429.5	1424.9	1382.5	1326.1	1297.8	1277.0
157.5°	1396.6	1399.8	1412.8	1425.7	1412.8	1399.8	1396.6	1363.6	1319.7	1297.8	1283.5
160°	1382.5	1384.3	1391.7	1399.2	1391.7	1384.3	1382.5	1354.3	1316.6	1297.8	1286.4
162.5°	1369.2	1371.0	1378.1	1385.2	1378.1	1371.0	1369.2	1345.4	1313.6	1297.8	1289.5
165°	1349.0	1350.8	1358.3	1365.8	1358.3	1350.8	1349.0	1331.9	1309.2	1297.8	1294.0
167.5°	1340.1	1340.9	1344.0	1347.2	1344.0	1340.9	1340.1	1328.9	1314.0	1306.6	1303.5
170°	1340.1	1340.1	1340.1	1340.1	1340.1	1340.1	1340.1	1328.9	1314.0	1306.6	1306.5
172.5°	1333.1	1332.4	1329.6	1326.9	1329.6	1332.4	1333.1	1324.3	1312.5	1306.6	1306.6
175°	1323.4	1323.4	1323.4	1323.4	1323.4	1323.4	1323.4	1317.8	1310.4	1306.6	1308.4
177.5°	1321.6	1320.9	1317.7	1314.6	1317.7	1320.9	1321.6	1317.2	1311.3	1308.4	1309.8
180°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3047.8	3047.8	3047.8	3047.8	3047.8
2.5°	3010.3	3024.7	3033.4	3044.9	3073.7
5°	2894.9	2949.7	2967.0	3010.3	3062.2
7.5°	2641.2	2808.4	2854.5	2958.4	3039.1
10°	2396.1	2563.3	2644.1	2889.1	3010.3
12.5°	2272.1	2370.2	2425.0	2768.1	2969.9
15°	2194.2	2263.5	2303.8	2606.6	2923.8
17.5°	2133.7	2182.7	2211.5	2448.1	2860.3
20°	2096.3	2119.3	2145.3	2332.7	2788.3
22.5°	2070.3	2055.9	2076.1	2251.9	2690.2
25°	2053.0	1998.2	2021.3	2188.5	2574.9
27.5°	2067.4	1946.3	1954.9	2130.9	2453.8
30°	2070.3	1882.8	1885.7	2070.3	2318.3
32.5°	2050.1	1816.5	1819.4	1995.3	2165.4
35°	2001.1	1738.7	1735.8	1908.8	1957.8
37.5°	1934.7	1655.1	1655.1	1813.7	1730.1
40°	1854.0	1571.4	1580.1	1689.7	1528.2
42.5°	1756.0	1482.1	1493.6	1525.3	1378.3
45°	1649.3	1395.6	1404.2	1288.9	1262.9
47.5°	1531.1	1306.2	1309.1	1069.8	1225.4
50°	1389.8	1213.9	1202.3	916.9	1222.5
52.5°	1265.8	1113.0	1078.4	830.4	1110.1
55°	1144.7	1006.3	931.3	764.1	1029.4
57.5°	1038.0	867.9	795.9	686.3	1012.1
60°	940.0	732.4	677.6	602.6	928.4
62.5°	859.2	631.5	619.9	544.9	841.9
65°	772.8	562.2	559.3	495.9	715.1
67.5°	689.1	516.1	513.2	449.8	544.9
70°	599.7	467.2	461.4	400.8	403.7
72.5°	507.5	412.4	406.6	360.4	334.5
75°	415.2	348.9	346.0	314.3	271.0
77.5°	325.8	276.8	282.6	253.7	198.9
80°	233.5	201.8	207.6	181.6	150.0
82.5°	155.7	132.7	138.4	115.4	100.9
85°	86.5	75.0	77.9	60.6	46.1
87.5°	40.4	34.6	34.6	23.1	14.4
90°	38.9	24.7	22.9	15.9	8.9
92.5°	239.4	170.3	155.3	95.3	35.3
95°	589.1	331.8	304.3	194.5	84.7
97.5°	793.5	364.4	340.2	243.3	146.5
100°	867.8	391.7	369.8	281.9	194.1
102.5°	902.0	419.1	398.6	316.6	234.6
105°	927.2	459.7	442.3	372.9	303.5
107.5°	931.9	519.6	503.4	438.8	374.1
110°	924.9	553.2	538.6	480.2	421.7



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	925.2	593.8	579.9	524.2	468.5
115°	933.7	654.6	641.7	590.4	539.1
117.5°	951.1	713.7	702.0	655.4	608.8
120°	965.1	748.1	737.2	693.3	649.3
122.5°	985.4	788.7	777.6	733.3	689.0
125°	1012.8	840.8	830.7	790.3	749.9
127.5°	1040.2	891.1	880.9	840.2	799.3
130°	1060.1	924.6	913.6	869.7	825.8
132.5°	1076.3	951.9	940.9	897.1	853.1
135°	1094.0	983.7	973.8	933.7	893.7
137.5°	1120.5	1024.3	1014.4	974.8	935.2
140°	1136.7	1051.6	1042.5	1006.0	969.6
142.5°	1150.1	1071.9	1063.5	1029.8	996.1
145°	1167.8	1102.8	1095.5	1066.0	1036.6
147.5°	1193.7	1141.7	1134.5	1105.9	1077.3
150°	1207.2	1162.0	1155.5	1129.6	1103.7
152.5°	1216.1	1175.2	1170.2	1150.6	1131.0
155°	1235.5	1204.3	1200.6	1186.2	1171.7
157.5°	1254.8	1233.4	1229.9	1215.7	1201.7
160°	1263.7	1246.6	1243.9	1232.9	1221.9
162.5°	1273.1	1260.7	1258.7	1250.4	1242.2
165°	1286.6	1281.1	1279.2	1271.8	1264.3
167.5°	1297.2	1292.5	1291.6	1288.1	1284.6
170°	1306.0	1305.8	1304.9	1301.3	1297.8
172.5°	1306.6	1306.6	1306.5	1305.6	1304.8
175°	1311.9	1314.6	1314.6	1314.6	1314.6
177.5°	1312.5	1314.6	1314.6	1314.6	1314.6
180°	1314.6	1314.6	1314.6	1314.6	1314.6



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	13.84	14.68	14.81	15.67	16.96	16.67	17.52	17.65	18.51	19.80
	3H	14.31	15.07	15.30	16.06	17.38	18.02	18.78	19.00	19.77	21.09
	4H	14.50	15.22	15.50	16.22	17.55	18.47	19.18	19.46	20.18	21.51
	6H	14.62	15.28	15.63	16.28	17.62	18.75	19.41	19.76	20.42	21.76
	8H	14.62	15.25	15.63	16.27	17.61	18.83	19.45	19.84	20.48	21.81
	12H	14.59	15.19	15.61	16.20	17.56	18.87	19.46	19.88	20.48	21.84
4H	2H	14.87	15.58	15.87	16.58	17.91	17.08	17.80	18.08	18.80	20.12
	3H	15.89	16.49	16.91	17.52	18.86	18.59	19.18	19.60	20.21	21.55
	4H	16.17	16.71	17.19	17.74	19.10	19.12	19.66	20.14	20.68	22.05
	6H	16.29	16.76	17.32	17.81	19.17	19.48	19.95	20.51	21.00	22.36
	8H	16.30	16.74	17.33	17.77	19.15	19.59	20.03	20.62	21.07	22.44
	12H	16.26	16.66	17.32	17.71	19.09	19.65	20.04	20.70	21.10	22.48
8H	4H	16.62	17.06	17.65	18.10	19.47	19.24	19.68	20.27	20.71	22.09
	6H	16.88	17.25	17.94	18.32	19.70	19.68	20.04	20.73	21.12	22.49
	8H	16.93	17.24	17.99	18.31	19.70	19.83	20.15	20.89	21.21	22.60
	12H	16.91	17.19	17.98	18.25	19.68	19.93	20.21	21.00	21.27	22.70
12H	4H	16.63	17.02	17.68	18.08	19.46	19.20	19.60	20.25	20.65	22.03
	6H	16.94	17.26	18.01	18.33	19.72	19.67	19.99	20.74	21.06	22.45
	8H	17.01	17.29	18.08	18.35	19.78	19.84	20.12	20.90	21.17	22.61