

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: P935625

Luminaire Tested: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-12-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935625
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-92765-1D-UNV-STD-W-12-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

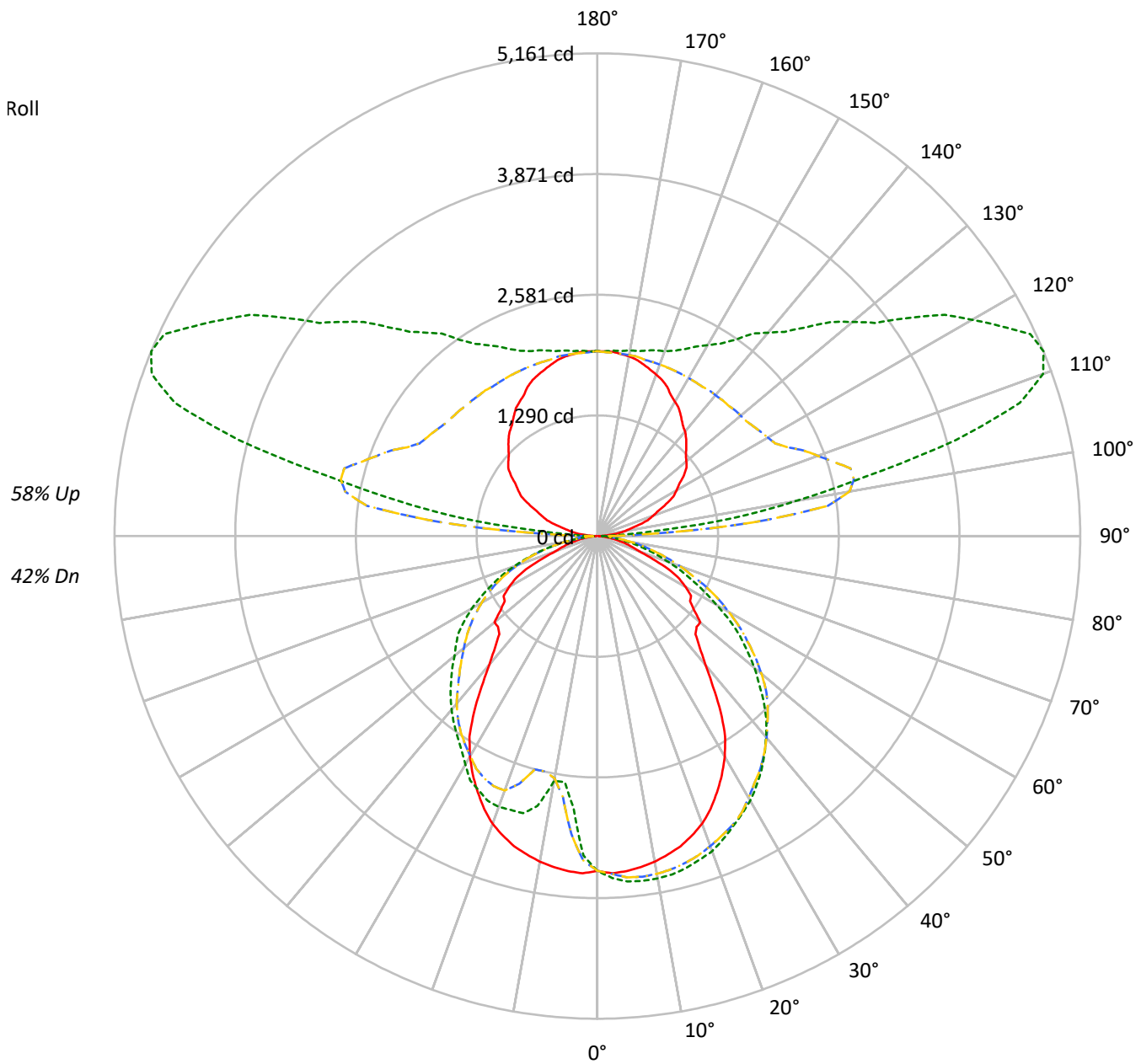
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22100.6 lumens
Efficiency: N/A
Efficacy: 114.4 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

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11069	11069	11069	11069
5°	11156	11173	11156	8786
10°	11085	11006	11085	7869
15°	10968	10768	10968	8991
20°	10743	10485	10743	9010
25°	10278	10073	10278	8819
30°	9675	9731	9675	8400
35°	8630	9298	8630	7939
40°	7195	8789	7195	7591
45°	6433	8193	6433	7191
50°	6839	7482	6839	6789
55°	6441	6716	6441	6557
60°	6648	5704	6648	6005
65°	6037	4715	6037	5271
70°	4191	3757	4191	4418
75°	3688	2777	3688	3326
80°	2993	1836	2993	1999
85°	1756	972	1756	827

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9853 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	323.0	1.5
10°-20°	917.1	4.1
20°-30°	1417.7	6.4
30°-40°	1692.5	7.7
40°-50°	1702.4	7.7
50°-60°	1481.3	6.7
60°-70°	1050.3	4.8
70°-80°	555.6	2.5
80°-90°	145.9	0.7
90°-100°	963.6	4.4
100°-110°	2533.3	11.5
110°-120°	2626.8	11.9
120°-130°	2107.0	9.5
130°-140°	1653.2	7.5
140°-150°	1268.9	5.7
150°-160°	913.8	4.1
160°-170°	559.1	2.5
170°-180°	188.9	0.9
0°-30°	2657.9	12.0
0°-40°	4350.4	19.7
0°-60°	7534.1	34.1
0°-90°	9285.9	42.0
90°-120°	6123.6	27.7
90°-150°	11152.7	50.5
90°-180°	12815.0	58.0
0°-180°	22100.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3578	3578	3578	3578	3578	
5°	3596	3707	3596	2915	3596	341
15°	3433	3673	3433	3067	3433	966
25°	3023	3426	3023	3000	3023	1388
35°	2299	3057	2299	2610	2299	1422
45°	1483	2519	1483	2211	1483	1188
55°	1209	1859	1209	1815	1209	1111
65°	840	1121	840	1253	840	802
75°	318	532	318	636	318	335
85°	54	135	54	115	54	73
90°	13	50	13	50	13	13
95°	127	582	127	582	127	141
105°	456	3967	456	3967	456	484
115°	811	5108	811	5108	811	801
125°	1128	4068	1128	4068	1128	1001
135°	1344	3156	1344	3156	1344	1040
145°	1559	2560	1559	2560	1559	977
155°	1762	2205	1762	2205	1762	810
165°	1901	2054	1901	2054	1901	537
175°	1977	1990	1977	1990	1977	188
180°	1977	1977	1977	1977	1977	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5
2.5°	3608.9	3608.9	3629.3	3636.0	3636.0	3625.9	3615.7	3625.9	3656.4	3666.5	3663.1
5°	3595.5	3622.5	3659.8	3666.5	3673.3	3669.9	3663.1	3669.9	3703.8	3710.5	3713.9
7.5°	3568.3	3619.1	3666.5	3676.7	3686.8	3676.7	3673.3	3680.1	3713.9	3720.7	3720.7
10°	3534.5	3605.6	3659.8	3666.5	3676.7	3666.5	3666.5	3680.1	3713.9	3720.7	3724.1
12.5°	3487.1	3585.3	3636.0	3642.9	3656.4	3652.9	3649.6	3663.1	3697.0	3703.8	3703.8
15°	3432.9	3548.0	3595.5	3602.2	3625.9	3619.1	3619.1	3632.7	3669.9	3680.1	3676.7
17.5°	3358.4	3500.6	3554.8	3565.0	3581.9	3578.5	3581.9	3595.5	3629.3	3636.0	3639.4
20°	3273.8	3436.3	3500.6	3510.8	3527.7	3527.7	3527.7	3544.6	3578.5	3592.0	3592.0
22.5°	3158.7	3368.6	3436.3	3443.1	3463.4	3463.4	3470.2	3493.8	3524.3	3527.7	3527.7
25°	3023.3	3294.1	3351.7	3372.0	3392.3	3402.4	3412.6	3426.2	3436.3	3432.9	3436.3
27.5°	2881.1	3199.3	3273.8	3287.4	3314.4	3324.6	3338.1	3341.5	3344.9	3355.0	3348.3
30°	2721.9	3067.3	3179.0	3192.6	3236.5	3243.3	3229.8	3236.5	3253.5	3260.3	3267.0
32.5°	2542.5	2870.9	3080.8	3111.2	3151.9	3131.6	3128.2	3138.4	3165.5	3165.5	3172.2
35°	2298.8	2718.6	2989.4	3016.5	3046.9	3023.3	3036.8	3040.2	3057.1	3067.3	3063.9
37.5°	2031.3	2586.6	2894.6	2915.0	2938.6	2908.1	2928.5	2938.6	2952.2	2945.4	2945.4
40°	1794.4	2380.0	2782.9	2796.4	2816.7	2793.1	2813.3	2820.2	2826.9	2820.2	2816.7
42.5°	1618.3	2153.2	2664.4	2681.4	2667.8	2684.7	2691.4	2705.0	2694.9	2681.4	2681.4
45°	1482.9	2092.3	2535.7	2556.1	2535.7	2562.8	2573.0	2573.0	2542.5	2535.7	2532.4
47.5°	1438.9	1970.4	2407.1	2407.1	2396.9	2430.8	2447.8	2424.0	2393.5	2383.4	2383.4
50°	1435.4	1834.9	2231.1	2217.5	2264.9	2305.5	2288.6	2264.9	2241.2	2204.0	2204.0
52.5°	1303.4	1669.1	2004.2	2055.0	2129.5	2153.2	2126.1	2102.4	2061.8	2044.9	2031.3
55°	1208.6	1496.4	1797.7	1899.2	1977.1	2007.6	1956.8	1933.1	1872.2	1862.0	1855.3
57.5°	1188.3	1245.8	1608.2	1736.8	1831.6	1828.2	1797.7	1753.7	1702.9	1692.8	1689.4
60°	1090.1	900.5	1405.0	1557.3	1655.6	1645.4	1618.3	1577.7	1530.3	1523.5	1516.7
62.5°	988.6	653.4	1174.8	1347.5	1486.3	1482.9	1459.2	1398.2	1364.4	1347.5	1333.9
65°	839.6	548.4	836.2	1120.6	1320.3	1327.1	1276.3	1232.3	1195.1	1174.8	1171.4
67.5°	639.8	446.9	565.3	934.4	1161.3	1154.4	1090.1	1069.8	1022.4	1012.2	992.0
70°	474.0	297.9	392.7	758.4	1005.5	988.6	937.7	914.1	870.1	846.4	832.9
72.5°	392.7	240.4	287.8	589.1	846.4	826.0	782.0	755.0	717.7	697.4	683.9
75°	318.2	253.9	220.0	436.7	687.2	673.7	633.1	606.0	575.5	548.4	551.9
77.5°	233.6	237.0	176.0	321.7	545.1	524.8	501.0	467.2	453.6	426.6	426.6
80°	176.0	186.2	132.0	220.0	392.7	392.7	372.4	348.7	325.0	311.5	311.5
82.5°	118.5	118.5	98.1	138.8	267.4	257.3	243.8	237.0	223.4	216.7	216.7
85°	54.2	67.7	60.9	84.6	145.5	152.4	152.4	145.5	142.2	135.4	138.8
87.5°	16.9	30.5	37.2	47.4	74.5	77.9	81.2	81.2	81.2	84.6	84.6
90°	13.2	23.8	34.5	37.2	58.3	86.6	100.8	89.6	67.2	50.4	50.4
92.5°	53.0	143.2	233.5	256.1	360.0	498.6	567.8	497.6	357.3	252.1	242.1
95°	127.4	292.5	457.6	498.8	885.7	1401.7	1659.7	1481.0	1123.7	855.8	825.3
97.5°	220.2	365.8	511.5	547.9	1193.1	2053.4	2483.5	2370.6	2144.8	1975.4	1917.6
100°	291.9	424.0	556.0	589.1	1305.0	2259.7	2737.0	2745.3	2761.7	2774.1	2705.3
102.5°	352.9	476.2	599.3	630.2	1356.4	2324.5	2808.6	2952.5	3240.2	3456.1	3397.1
105°	456.4	560.7	665.1	691.2	1394.4	2331.9	2800.6	3123.1	3768.2	4252.0	4220.3
107.5°	562.5	659.8	757.1	781.4	1401.5	2228.2	2641.5	3091.3	3991.1	4665.9	4673.6
110°	634.2	722.0	809.9	831.8	1390.8	2136.1	2508.7	3011.7	4017.6	4772.1	4805.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	704.5	788.2	871.9	892.8	1391.2	2055.8	2388.1	2902.8	3932.3	4704.5	4755.2
115°	810.6	887.8	965.1	984.4	1404.1	1963.6	2243.5	2739.4	3731.1	4474.9	4545.2
117.5°	915.5	985.6	1055.8	1073.3	1430.2	1906.0	2143.9	2591.5	3486.6	4157.8	4235.8
120°	976.4	1042.5	1108.6	1125.1	1451.4	1886.6	2104.1	2513.1	3330.9	3944.3	4020.0
122.5°	1036.1	1102.8	1169.4	1186.0	1481.9	1876.4	2073.7	2441.9	3178.3	3730.7	3805.4
125°	1127.7	1188.4	1249.2	1264.4	1523.1	1868.0	2040.4	2353.2	2978.9	3448.0	3516.9
127.5°	1202.0	1263.3	1324.7	1340.0	1564.2	1863.1	2012.6	2281.1	2818.3	3221.2	3279.3
130°	1241.8	1307.8	1373.9	1390.3	1594.2	1866.1	2002.0	2241.1	2719.3	3077.9	3131.6
132.5°	1282.9	1348.9	1415.0	1431.5	1618.6	1868.0	1992.7	2206.7	2634.8	2955.9	3004.0
135°	1344.0	1404.1	1464.2	1479.3	1645.1	1866.3	1976.8	2156.1	2514.6	2783.4	2824.9
137.5°	1406.3	1465.9	1525.4	1540.2	1684.9	1877.7	1974.1	2125.7	2428.7	2656.0	2689.9
140°	1458.0	1512.8	1567.7	1581.4	1709.2	1879.6	1964.8	2095.7	2357.5	2553.8	2585.5
142.5°	1497.8	1548.5	1599.3	1611.9	1729.5	1886.4	1964.8	2079.8	2309.8	2482.3	2509.5
145°	1558.9	1603.1	1647.4	1658.4	1756.1	1886.4	1951.6	2045.6	2233.7	2374.7	2395.4
147.5°	1619.9	1662.9	1705.9	1716.7	1795.0	1899.4	1951.6	2025.6	2173.6	2284.5	2301.6
150°	1659.7	1698.6	1737.6	1747.3	1815.4	1906.2	1951.6	2014.1	2139.1	2232.8	2246.6
152.5°	1700.8	1730.3	1759.8	1767.2	1828.7	1910.6	1951.6	2005.0	2111.7	2191.7	2202.2
155°	1761.8	1783.7	1805.5	1810.9	1857.8	1920.3	1951.6	1994.0	2078.9	2142.6	2149.5
157.5°	1807.0	1828.2	1849.4	1854.7	1887.0	1930.1	1951.6	1984.6	2050.6	2100.1	2105.0
160°	1837.5	1854.0	1870.5	1874.6	1900.3	1934.5	1951.6	1979.9	2036.5	2078.9	2081.8
162.5°	1868.0	1880.4	1892.7	1895.8	1914.4	1939.2	1951.6	1975.5	2023.3	2059.0	2061.7
165°	1901.1	1912.3	1923.5	1926.3	1934.8	1946.0	1951.6	1968.7	2002.8	2028.5	2031.3
167.5°	1931.7	1937.0	1942.3	1943.6	1950.7	1960.1	1964.8	1976.0	1998.4	2015.2	2016.4
170°	1951.6	1956.9	1962.2	1963.5	1963.9	1964.5	1964.8	1976.0	1998.4	2015.2	2015.2
172.5°	1962.2	1963.4	1964.6	1964.8	1964.8	1964.8	1964.8	1973.7	1991.4	2004.6	2003.6
175°	1976.8	1976.8	1976.8	1976.8	1972.8	1967.5	1964.8	1970.5	1981.7	1990.0	1990.0
177.5°	1976.8	1976.8	1976.8	1976.8	1973.7	1969.5	1967.5	1971.9	1980.7	1987.4	1986.2
180°	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5
2.5°	3669.9	3659.8	3669.9	3663.1	3666.5	3656.4	3625.9	3615.7	3625.9	3636.0	3636.0
5°	3713.9	3707.2	3713.9	3713.9	3710.5	3703.8	3669.9	3663.1	3669.9	3673.3	3666.5
7.5°	3727.4	3717.3	3727.4	3720.7	3720.7	3713.9	3680.1	3673.3	3676.7	3686.8	3676.7
10°	3727.4	3717.3	3727.4	3724.1	3720.7	3713.9	3680.1	3666.5	3666.5	3676.7	3666.5
12.5°	3710.5	3703.8	3710.5	3703.8	3703.8	3697.0	3663.1	3649.6	3652.9	3656.4	3642.9
15°	3683.4	3673.3	3683.4	3676.7	3680.1	3669.9	3632.7	3619.1	3619.1	3625.9	3602.2
17.5°	3642.9	3629.3	3642.9	3639.4	3636.0	3629.3	3595.5	3581.9	3578.5	3581.9	3565.0
20°	3595.5	3585.3	3595.5	3592.0	3592.0	3578.5	3544.6	3527.7	3527.7	3527.7	3510.8
22.5°	3521.0	3510.8	3521.0	3527.7	3527.7	3524.3	3493.8	3470.2	3463.4	3463.4	3443.1
25°	3436.3	3426.2	3436.3	3436.3	3432.9	3436.3	3426.2	3412.6	3402.4	3392.3	3372.0
27.5°	3355.0	3348.3	3355.0	3348.3	3355.0	3344.9	3341.5	3338.1	3324.6	3314.4	3287.4
30°	3273.8	3267.0	3273.8	3267.0	3260.3	3253.5	3236.5	3229.8	3243.3	3236.5	3192.6
32.5°	3172.2	3165.5	3172.2	3172.2	3165.5	3165.5	3138.4	3128.2	3131.6	3151.9	3111.2
35°	3067.3	3057.1	3067.3	3063.9	3067.3	3057.1	3040.2	3036.8	3023.3	3046.9	3016.5
37.5°	2945.4	2935.2	2945.4	2945.4	2945.4	2952.2	2938.6	2928.5	2908.1	2938.6	2915.0
40°	2820.2	2806.6	2820.2	2816.7	2820.2	2826.9	2820.2	2813.3	2793.1	2816.7	2796.4
42.5°	2677.9	2674.5	2677.9	2681.4	2681.4	2694.9	2705.0	2691.4	2684.7	2667.8	2681.4
45°	2525.6	2518.8	2525.6	2532.4	2535.7	2542.5	2573.0	2573.0	2562.8	2535.7	2556.1
47.5°	2363.1	2346.2	2363.1	2383.4	2383.4	2393.5	2424.0	2447.8	2430.8	2396.9	2407.1
50°	2190.4	2193.8	2190.4	2204.0	2204.0	2241.2	2264.9	2288.6	2305.5	2264.9	2217.5
52.5°	2021.1	2017.8	2021.1	2031.3	2044.9	2061.8	2102.4	2126.1	2153.2	2129.5	2055.0
55°	1851.8	1858.7	1851.8	1855.3	1862.0	1872.2	1933.1	1956.8	2007.6	1977.1	1899.2
57.5°	1682.6	1672.5	1682.6	1689.4	1692.8	1702.9	1753.7	1797.7	1828.2	1831.6	1736.8
60°	1486.3	1472.7	1486.3	1516.7	1523.5	1530.3	1577.7	1618.3	1645.4	1655.6	1557.3
62.5°	1313.6	1289.9	1313.6	1333.9	1347.5	1364.4	1398.2	1459.2	1482.9	1486.3	1347.5
65°	1130.8	1120.6	1130.8	1171.4	1174.8	1195.1	1232.3	1276.3	1327.1	1320.3	1120.6
67.5°	964.9	964.9	964.9	992.0	1012.2	1022.4	1069.8	1090.1	1154.4	1161.3	934.4
70°	812.5	809.1	812.5	832.9	846.4	870.1	914.1	937.7	988.6	1005.5	758.4
72.5°	667.0	663.6	667.0	683.9	697.4	717.7	755.0	782.0	826.0	846.4	589.1
75°	538.3	531.5	538.3	551.9	548.4	575.5	606.0	633.1	673.7	687.2	436.7
77.5°	413.1	413.1	413.1	426.6	426.6	453.6	467.2	501.0	524.8	545.1	321.7
80°	308.1	304.7	308.1	311.5	311.5	325.0	348.7	372.4	392.7	392.7	220.0
82.5°	216.7	209.9	216.7	216.7	216.7	223.4	237.0	243.8	257.3	267.4	138.8
85°	135.4	135.4	135.4	138.8	135.4	142.2	145.5	152.4	152.4	145.5	84.6
87.5°	88.1	84.6	88.1	84.6	84.6	81.2	81.2	81.2	77.9	74.5	47.4
90°	50.4	50.4	50.4	50.4	50.4	67.2	89.6	100.8	86.6	58.3	37.2
92.5°	201.9	161.9	201.9	242.1	252.1	357.3	497.6	567.8	498.6	360.0	256.1
95°	703.9	582.4	703.9	825.3	855.8	1123.7	1481.0	1659.7	1401.7	885.7	498.8
97.5°	1686.5	1455.3	1686.5	1917.6	1975.4	2144.8	2370.6	2483.5	2053.4	1193.1	547.9
100°	2429.9	2154.5	2429.9	2705.3	2774.1	2761.7	2745.3	2737.0	2259.7	1305.0	589.1
102.5°	3161.2	2925.4	3161.2	3397.1	3456.1	3240.2	2952.5	2808.6	2324.5	1356.4	630.2
105°	4093.6	3966.8	4093.6	4220.3	4252.0	3768.2	3123.1	2800.6	2331.9	1394.4	691.2
107.5°	4704.3	4734.9	4704.3	4673.6	4665.9	3991.1	3091.3	2641.5	2228.2	1401.5	781.4
110°	4937.2	5069.2	4937.2	4805.2	4772.1	4017.6	3011.7	2508.7	2136.1	1390.8	831.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4958.0	5160.8	4958.0	4755.2	4704.5	3932.3	2902.8	2388.1	2055.8	1391.2	892.8
115°	4826.5	5107.8	4826.5	4545.2	4474.9	3731.1	2739.4	2243.5	1963.6	1404.1	984.4
117.5°	4547.7	4859.6	4547.7	4235.8	4157.8	3486.6	2591.5	2143.9	1906.0	1430.2	1073.3
120°	4323.1	4626.1	4323.1	4020.0	3944.3	3330.9	2513.1	2104.1	1886.6	1451.4	1125.1
122.5°	4104.3	4403.3	4104.3	3805.4	3730.7	3178.3	2441.9	2073.7	1876.4	1481.9	1186.0
125°	3792.2	4067.6	3792.2	3516.9	3448.0	2978.9	2353.2	2040.4	1868.0	1523.1	1264.4
127.5°	3511.6	3743.9	3511.6	3279.3	3221.2	2818.3	2281.1	2012.6	1863.1	1564.2	1340.0
130°	3346.2	3560.9	3346.2	3131.6	3077.9	2719.3	2241.1	2002.0	1866.1	1594.2	1390.3
132.5°	3196.1	3388.3	3196.1	3004.0	2955.9	2634.8	2206.7	1992.7	1868.0	1618.6	1431.5
135°	2990.5	3156.2	2990.5	2824.9	2783.4	2514.6	2156.1	1976.8	1866.3	1645.1	1479.3
137.5°	2825.5	2961.2	2825.5	2689.9	2656.0	2428.7	2125.7	1974.1	1877.7	1684.9	1540.2
140°	2712.4	2839.1	2712.4	2585.5	2553.8	2357.5	2095.7	1964.8	1879.6	1709.2	1581.4
142.5°	2618.6	2727.7	2618.6	2509.5	2482.3	2309.8	2079.8	1964.8	1886.4	1729.5	1611.9
145°	2477.9	2560.5	2477.9	2395.4	2374.7	2233.7	2045.6	1951.6	1886.4	1756.1	1658.4
147.5°	2370.0	2438.5	2370.0	2301.6	2284.5	2173.6	2025.6	1951.6	1899.4	1795.0	1716.7
150°	2302.1	2357.6	2302.1	2246.6	2232.8	2139.1	2014.1	1951.6	1906.2	1815.4	1747.3
152.5°	2244.1	2285.9	2244.1	2202.2	2191.7	2111.7	2005.0	1951.6	1910.6	1828.7	1767.2
155°	2177.3	2204.9	2177.3	2149.5	2142.6	2078.9	1994.0	1951.6	1920.3	1857.8	1810.9
157.5°	2124.5	2143.9	2124.5	2105.0	2100.1	2050.6	1984.6	1951.6	1930.1	1887.0	1854.7
160°	2093.0	2104.1	2093.0	2081.8	2078.9	2036.5	1979.9	1951.6	1934.5	1900.3	1874.6
162.5°	2072.3	2082.9	2072.3	2061.7	2059.0	2023.3	1975.5	1951.6	1939.2	1914.4	1895.8
165°	2042.5	2053.8	2042.5	2031.3	2028.5	2002.8	1968.7	1951.6	1946.0	1934.8	1926.3
167.5°	2021.1	2025.8	2021.1	2016.4	2015.2	1998.4	1976.0	1964.8	1960.1	1950.7	1943.6
170°	2015.2	2015.2	2015.2	2015.2	2015.2	1998.4	1976.0	1964.8	1964.5	1963.9	1963.5
172.5°	1999.4	1995.3	1999.4	2003.6	2004.6	1991.4	1973.7	1964.8	1964.8	1964.8	1964.8
175°	1990.0	1990.0	1990.0	1990.0	1990.0	1981.7	1970.5	1964.8	1967.5	1972.8	1976.8
177.5°	1981.5	1976.8	1981.5	1986.2	1987.4	1980.7	1971.9	1967.5	1969.5	1973.7	1976.8
180°	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5
2.5°	3629.3	3608.9	3608.9	3575.1	3561.5	3551.4	3534.5	3483.7	3470.2	3456.6	3476.9
5°	3659.8	3622.5	3595.5	3534.5	3483.7	3463.4	3399.1	3277.2	3195.9	3135.0	3101.2
7.5°	3666.5	3619.1	3568.3	3473.6	3351.7	3297.5	3101.2	2877.7	2816.7	2762.6	2728.7
10°	3659.8	3605.6	3534.5	3392.3	3104.5	3009.7	2813.3	2667.8	2630.5	2620.4	2630.5
12.5°	3636.0	3585.3	3487.1	3250.1	2847.2	2782.9	2667.8	2583.1	2576.4	2593.3	2684.7
15°	3595.5	3548.0	3432.9	3060.5	2705.0	2657.6	2576.4	2545.9	2583.1	2701.6	2975.9
17.5°	3554.8	3500.6	3358.4	2874.3	2596.7	2562.8	2505.2	2566.2	2776.1	2935.2	3026.7
20°	3500.6	3436.3	3273.8	2738.8	2518.8	2488.3	2461.3	2735.5	2894.6	2952.2	3002.9
22.5°	3436.3	3368.6	3158.7	2644.1	2437.6	2413.9	2430.8	2830.3	2894.6	2935.2	2979.3
25°	3351.7	3294.1	3023.3	2569.6	2373.3	2346.2	2410.5	2820.2	2857.4	2867.6	2955.5
27.5°	3273.8	3199.3	2881.1	2501.9	2295.4	2285.2	2427.4	2776.1	2803.2	2813.3	2908.1
30°	3179.0	3067.3	2721.9	2430.8	2214.2	2210.7	2430.8	2721.9	2715.2	2742.3	2837.1
32.5°	3080.8	2870.9	2542.5	2342.8	2136.3	2132.8	2407.1	2640.7	2634.0	2671.2	2742.3
35°	2989.4	2718.6	2298.8	2241.2	2038.1	2041.5	2349.5	2545.9	2549.3	2583.1	2627.1
37.5°	2894.6	2586.6	2031.3	2129.5	1943.3	1943.3	2271.6	2457.9	2451.1	2461.3	2522.2
40°	2782.9	2380.0	1794.4	1983.9	1855.3	1845.1	2176.9	2363.1	2339.4	2336.0	2420.7
42.5°	2664.4	2153.2	1618.3	1790.9	1753.7	1740.1	2061.8	2248.0	2204.0	2214.2	2322.5
45°	2535.7	2092.3	1482.9	1513.3	1648.7	1638.6	1936.5	2115.9	2085.4	2112.6	2224.3
47.5°	2407.1	1970.4	1438.9	1256.0	1537.0	1533.7	1797.7	1987.3	1970.4	1997.5	2115.9
50°	2231.1	1834.9	1435.4	1076.6	1411.8	1425.3	1631.8	1862.0	1862.0	1885.7	2011.0
52.5°	2004.2	1669.1	1303.4	975.0	1266.2	1306.8	1486.3	1753.7	1760.4	1784.2	1895.9
55°	1797.7	1496.4	1208.6	897.2	1093.5	1181.5	1344.1	1642.0	1655.6	1679.2	1780.8
57.5°	1608.2	1245.8	1188.3	805.8	934.4	1019.1	1218.8	1533.7	1540.4	1560.7	1658.9
60°	1405.0	900.5	1090.1	707.6	795.6	859.9	1103.7	1405.0	1428.7	1442.2	1526.8
62.5°	1174.8	653.4	988.6	639.8	727.9	741.5	1008.9	1283.1	1313.6	1323.7	1374.5
65°	836.2	548.4	839.6	582.3	656.8	660.2	907.3	1157.9	1184.9	1201.8	1239.1
67.5°	565.3	446.9	639.8	528.1	602.6	606.0	809.1	1012.2	1049.5	1063.0	1086.8
70°	392.7	297.9	474.0	470.6	541.7	548.4	704.2	880.3	914.1	924.3	937.7
72.5°	287.8	240.4	392.7	423.2	477.4	484.1	595.8	731.3	765.1	775.3	782.0
75°	220.0	253.9	318.2	369.0	406.2	409.6	487.5	595.8	619.6	626.3	629.7
77.5°	176.0	237.0	233.6	297.9	331.7	325.0	382.6	460.5	480.7	480.7	480.7
80°	132.0	186.2	176.0	213.3	243.8	237.0	274.3	328.4	335.2	341.9	338.6
82.5°	98.1	118.5	118.5	135.4	162.5	155.7	182.8	213.3	213.3	213.3	220.0
85°	60.9	67.7	54.2	71.1	91.4	88.1	101.6	115.1	118.5	118.5	111.7
87.5°	37.2	30.5	16.9	27.1	40.7	40.7	47.4	50.8	47.4	47.4	47.4
90°	34.5	23.8	13.2	23.8	34.5	37.2	58.3	86.6	100.8	89.6	67.2
92.5°	233.5	143.2	53.0	143.2	233.5	256.1	360.0	498.6	567.8	497.6	357.3
95°	457.6	292.5	127.4	292.5	457.6	498.8	885.7	1401.7	1659.7	1481.0	1123.7
97.5°	511.5	365.8	220.2	365.8	511.5	547.9	1193.1	2053.4	2483.5	2370.6	2144.8
100°	556.0	424.0	291.9	424.0	556.0	589.1	1305.0	2259.7	2737.0	2745.3	2761.7
102.5°	599.3	476.2	352.9	476.2	599.3	630.2	1356.4	2324.5	2808.6	2952.5	3240.2
105°	665.1	560.7	456.4	560.7	665.1	691.2	1394.4	2331.9	2800.6	3123.1	3768.2
107.5°	757.1	659.8	562.5	659.8	757.1	781.4	1401.5	2228.2	2641.5	3091.3	3991.1
110°	809.9	722.0	634.2	722.0	809.9	831.8	1390.8	2136.1	2508.7	3011.7	4017.6



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	871.9	788.2	704.5	788.2	871.9	892.8	1391.2	2055.8	2388.1	2902.8	3932.3
115°	965.1	887.8	810.6	887.8	965.1	984.4	1404.1	1963.6	2243.5	2739.4	3731.1
117.5°	1055.8	985.6	915.5	985.6	1055.8	1073.3	1430.2	1906.0	2143.9	2591.5	3486.6
120°	1108.6	1042.5	976.4	1042.5	1108.6	1125.1	1451.4	1886.6	2104.1	2513.1	3330.9
122.5°	1169.4	1102.8	1036.1	1102.8	1169.4	1186.0	1481.9	1876.4	2073.7	2441.9	3178.3
125°	1249.2	1188.4	1127.7	1188.4	1249.2	1264.4	1523.1	1868.0	2040.4	2353.2	2978.9
127.5°	1324.7	1263.3	1202.0	1263.3	1324.7	1340.0	1564.2	1863.1	2012.6	2281.1	2818.3
130°	1373.9	1307.8	1241.8	1307.8	1373.9	1390.3	1594.2	1866.1	2002.0	2241.1	2719.3
132.5°	1415.0	1348.9	1282.9	1348.9	1415.0	1431.5	1618.6	1868.0	1992.7	2206.7	2634.8
135°	1464.2	1404.1	1344.0	1404.1	1464.2	1479.3	1645.1	1866.3	1976.8	2156.1	2514.6
137.5°	1525.4	1465.9	1406.3	1465.9	1525.4	1540.2	1684.9	1877.7	1974.1	2125.7	2428.7
140°	1567.7	1512.8	1458.0	1512.8	1567.7	1581.4	1709.2	1879.6	1964.8	2095.7	2357.5
142.5°	1599.3	1548.5	1497.8	1548.5	1599.3	1611.9	1729.5	1886.4	1964.8	2079.8	2309.8
145°	1647.4	1603.1	1558.9	1603.1	1647.4	1658.4	1756.1	1886.4	1951.6	2045.6	2233.7
147.5°	1705.9	1662.9	1619.9	1662.9	1705.9	1716.7	1795.0	1899.4	1951.6	2025.6	2173.6
150°	1737.6	1698.6	1659.7	1698.6	1737.6	1747.3	1815.4	1906.2	1951.6	2014.1	2139.1
152.5°	1759.8	1730.3	1700.8	1730.3	1759.8	1767.2	1828.7	1910.6	1951.6	2005.0	2111.7
155°	1805.5	1783.7	1761.8	1783.7	1805.5	1810.9	1857.8	1920.3	1951.6	1994.0	2078.9
157.5°	1849.4	1828.2	1807.0	1828.2	1849.4	1854.7	1887.0	1930.1	1951.6	1984.6	2050.6
160°	1870.5	1854.0	1837.5	1854.0	1870.5	1874.6	1900.3	1934.5	1951.6	1979.9	2036.5
162.5°	1892.7	1880.4	1868.0	1880.4	1892.7	1895.8	1914.4	1939.2	1951.6	1975.5	2023.3
165°	1923.5	1912.3	1901.1	1912.3	1923.5	1926.3	1934.8	1946.0	1951.6	1968.7	2002.8
167.5°	1942.3	1937.0	1931.7	1937.0	1942.3	1943.6	1950.7	1960.1	1964.8	1976.0	1998.4
170°	1962.2	1956.9	1951.6	1956.9	1962.2	1963.5	1963.9	1964.5	1964.8	1976.0	1998.4
172.5°	1964.6	1963.4	1962.2	1963.4	1964.6	1964.8	1964.8	1964.8	1964.8	1973.7	1991.4
175°	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1972.8	1967.5	1964.8	1970.5	1981.7
177.5°	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1973.7	1969.5	1967.5	1971.9	1980.7
180°	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8



TEST NUMBER: P935625
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5	3578.5
2.5°	3453.2	3443.1	3456.6	3419.3	3456.6	3443.1	3453.2	3476.9	3456.6	3470.2	3483.7
5°	3030.0	3013.1	2959.0	2915.0	2959.0	3013.1	3030.0	3101.2	3135.0	3195.9	3277.2
7.5°	2708.4	2694.9	2681.4	2654.2	2681.4	2694.9	2708.4	2728.7	2762.6	2816.7	2877.7
10°	2637.3	2640.7	2661.0	2657.6	2661.0	2640.7	2637.3	2630.5	2620.4	2630.5	2667.8
12.5°	2820.2	2850.6	2962.3	2955.5	2962.3	2850.6	2820.2	2684.7	2593.3	2576.4	2583.1
15°	3030.0	3040.2	3063.9	3067.3	3063.9	3040.2	3030.0	2975.9	2701.6	2583.1	2545.9
17.5°	3050.3	3053.8	3070.7	3070.7	3070.7	3053.8	3050.3	3026.7	2935.2	2776.1	2566.2
20°	3033.4	3040.2	3074.0	3080.8	3074.0	3040.2	3033.4	3002.9	2952.2	2894.6	2735.5
22.5°	3026.7	3040.2	3067.3	3063.9	3067.3	3040.2	3026.7	2979.3	2935.2	2894.6	2830.3
25°	2992.8	2992.8	2996.2	2999.5	2996.2	2992.8	2992.8	2955.5	2867.6	2857.4	2820.2
27.5°	2921.7	2928.5	2948.8	2945.4	2948.8	2928.5	2921.7	2908.1	2813.3	2803.2	2776.1
30°	2857.4	2850.6	2833.7	2820.2	2833.7	2850.6	2857.4	2837.1	2742.3	2715.2	2721.9
32.5°	2749.0	2732.1	2715.2	2705.0	2715.2	2732.1	2749.0	2742.3	2671.2	2634.0	2640.7
35°	2620.4	2623.8	2620.4	2610.2	2620.4	2623.8	2620.4	2627.1	2583.1	2549.3	2545.9
37.5°	2529.0	2535.7	2532.4	2518.8	2532.4	2535.7	2529.0	2522.2	2461.3	2451.1	2457.9
40°	2434.2	2437.6	2434.2	2424.0	2434.2	2437.6	2434.2	2420.7	2336.0	2339.4	2363.1
42.5°	2342.8	2339.4	2329.2	2322.5	2329.2	2339.4	2342.8	2322.5	2214.2	2204.0	2248.0
45°	2237.8	2241.2	2220.9	2210.7	2220.9	2241.2	2237.8	2224.3	2112.6	2085.4	2115.9
47.5°	2132.8	2132.8	2115.9	2105.8	2115.9	2132.8	2132.8	2115.9	1997.5	1970.4	1987.3
50°	2021.1	2017.8	1994.0	1990.7	1994.0	2017.8	2021.1	2011.0	1885.7	1862.0	1862.0
52.5°	1892.5	1892.5	1895.9	1902.7	1895.9	1892.5	1892.5	1895.9	1784.2	1760.4	1753.7
55°	1780.8	1784.2	1807.8	1814.6	1807.8	1784.2	1780.8	1780.8	1679.2	1655.6	1642.0
57.5°	1665.6	1665.6	1682.6	1682.6	1682.6	1665.6	1665.6	1658.9	1560.7	1540.4	1533.7
60°	1533.7	1540.4	1553.9	1550.6	1553.9	1540.4	1533.7	1526.8	1442.2	1428.7	1405.0
62.5°	1394.8	1401.6	1405.0	1398.2	1405.0	1401.6	1394.8	1374.5	1323.7	1313.6	1283.1
65°	1249.2	1256.0	1259.4	1252.7	1259.4	1256.0	1249.2	1239.1	1201.8	1184.9	1157.9
67.5°	1100.3	1096.9	1093.5	1107.0	1093.5	1096.9	1100.3	1086.8	1063.0	1049.5	1012.2
70°	947.9	947.9	944.6	951.3	944.6	947.9	947.9	937.7	924.3	914.1	880.3
72.5°	785.5	782.0	795.6	785.5	795.6	782.0	785.5	782.0	775.3	765.1	731.3
75°	626.3	633.1	626.3	636.5	626.3	633.1	626.3	629.7	626.3	619.6	595.8
77.5°	477.4	484.1	477.4	477.4	477.4	484.1	477.4	480.7	480.7	480.7	460.5
80°	338.6	335.2	335.2	331.7	335.2	335.2	338.6	338.6	341.9	335.2	328.4
82.5°	216.7	213.3	213.3	220.0	213.3	213.3	216.7	220.0	213.3	213.3	213.3
85°	118.5	121.9	115.1	115.1	115.1	121.9	118.5	111.7	118.5	118.5	115.1
87.5°	44.0	40.7	40.7	40.7	40.7	40.7	44.0	47.4	47.4	47.4	50.8
90°	50.4	50.4	50.4	50.4	50.4	50.4	50.4	67.2	89.6	100.8	86.6
92.5°	252.1	242.1	201.9	161.9	201.9	242.1	252.1	357.3	497.6	567.8	498.6
95°	855.8	825.3	703.9	582.4	703.9	825.3	855.8	1123.7	1481.0	1659.7	1401.7
97.5°	1975.4	1917.6	1686.5	1455.3	1686.5	1917.6	1975.4	2144.8	2370.6	2483.5	2053.4
100°	2774.1	2705.3	2429.9	2154.5	2429.9	2705.3	2774.1	2761.7	2745.3	2737.0	2259.7
102.5°	3456.1	3397.1	3161.2	2925.4	3161.2	3397.1	3456.1	3240.2	2952.5	2808.6	2324.5
105°	4252.0	4220.3	4093.6	3966.8	4093.6	4220.3	4252.0	3768.2	3123.1	2800.6	2331.9
107.5°	4665.9	4673.6	4704.3	4734.9	4704.3	4673.6	4665.9	3991.1	3091.3	2641.5	2228.2
110°	4772.1	4805.2	4937.2	5069.2	4937.2	4805.2	4772.1	4017.6	3011.7	2508.7	2136.1



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4704.5	4755.2	4958.0	5160.8	4958.0	4755.2	4704.5	3932.3	2902.8	2388.1	2055.8
115°	4474.9	4545.2	4826.5	5107.8	4826.5	4545.2	4474.9	3731.1	2739.4	2243.5	1963.6
117.5°	4157.8	4235.8	4547.7	4859.6	4547.7	4235.8	4157.8	3486.6	2591.5	2143.9	1906.0
120°	3944.3	4020.0	4323.1	4626.1	4323.1	4020.0	3944.3	3330.9	2513.1	2104.1	1886.6
122.5°	3730.7	3805.4	4104.3	4403.3	4104.3	3805.4	3730.7	3178.3	2441.9	2073.7	1876.4
125°	3448.0	3516.9	3792.2	4067.6	3792.2	3516.9	3448.0	2978.9	2353.2	2040.4	1868.0
127.5°	3221.2	3279.3	3511.6	3743.9	3511.6	3279.3	3221.2	2818.3	2281.1	2012.6	1863.1
130°	3077.9	3131.6	3346.2	3560.9	3346.2	3131.6	3077.9	2719.3	2241.1	2002.0	1866.1
132.5°	2955.9	3004.0	3196.1	3388.3	3196.1	3004.0	2955.9	2634.8	2206.7	1992.7	1868.0
135°	2783.4	2824.9	2990.5	3156.2	2990.5	2824.9	2783.4	2514.6	2156.1	1976.8	1866.3
137.5°	2656.0	2689.9	2825.5	2961.2	2825.5	2689.9	2656.0	2428.7	2125.7	1974.1	1877.7
140°	2553.8	2585.5	2712.4	2839.1	2712.4	2585.5	2553.8	2357.5	2095.7	1964.8	1879.6
142.5°	2482.3	2509.5	2618.6	2727.7	2618.6	2509.5	2482.3	2309.8	2079.8	1964.8	1886.4
145°	2374.7	2395.4	2477.9	2560.5	2477.9	2395.4	2374.7	2233.7	2045.6	1951.6	1886.4
147.5°	2284.5	2301.6	2370.0	2438.5	2370.0	2301.6	2284.5	2173.6	2025.6	1951.6	1899.4
150°	2232.8	2246.6	2302.1	2357.6	2302.1	2246.6	2232.8	2139.1	2014.1	1951.6	1906.2
152.5°	2191.7	2202.2	2244.1	2285.9	2244.1	2202.2	2191.7	2111.7	2005.0	1951.6	1910.6
155°	2142.6	2149.5	2177.3	2204.9	2177.3	2149.5	2142.6	2078.9	1994.0	1951.6	1920.3
157.5°	2100.1	2105.0	2124.5	2143.9	2124.5	2105.0	2100.1	2050.6	1984.6	1951.6	1930.1
160°	2078.9	2081.8	2093.0	2104.1	2093.0	2081.8	2078.9	2036.5	1979.9	1951.6	1934.5
162.5°	2059.0	2061.7	2072.3	2082.9	2072.3	2061.7	2059.0	2023.3	1975.5	1951.6	1939.2
165°	2028.5	2031.3	2042.5	2053.8	2042.5	2031.3	2028.5	2002.8	1968.7	1951.6	1946.0
167.5°	2015.2	2016.4	2021.1	2025.8	2021.1	2016.4	2015.2	1998.4	1976.0	1964.8	1960.1
170°	2015.2	2015.2	2015.2	2015.2	2015.2	2015.2	2015.2	1998.4	1976.0	1964.8	1964.5
172.5°	2004.6	2003.6	1999.4	1995.3	1999.4	2003.6	2004.6	1991.4	1973.7	1964.8	1964.8
175°	1990.0	1990.0	1990.0	1990.0	1990.0	1990.0	1990.0	1981.7	1970.5	1964.8	1967.5
177.5°	1987.4	1986.2	1981.5	1976.8	1981.5	1986.2	1987.4	1980.7	1971.9	1967.5	1969.5
180°	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8	1976.8



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3578.5	3578.5	3578.5	3578.5	3578.5
2.5°	3534.5	3551.4	3561.5	3575.1	3608.9
5°	3399.1	3463.4	3483.7	3534.5	3595.5
7.5°	3101.2	3297.5	3351.7	3473.6	3568.3
10°	2813.3	3009.7	3104.5	3392.3	3534.5
12.5°	2667.8	2782.9	2847.2	3250.1	3487.1
15°	2576.4	2657.6	2705.0	3060.5	3432.9
17.5°	2505.2	2562.8	2596.7	2874.3	3358.4
20°	2461.3	2488.3	2518.8	2738.8	3273.8
22.5°	2430.8	2413.9	2437.6	2644.1	3158.7
25°	2410.5	2346.2	2373.3	2569.6	3023.3
27.5°	2427.4	2285.2	2295.4	2501.9	2881.1
30°	2430.8	2210.7	2214.2	2430.8	2721.9
32.5°	2407.1	2132.8	2136.3	2342.8	2542.5
35°	2349.5	2041.5	2038.1	2241.2	2298.8
37.5°	2271.6	1943.3	1943.3	2129.5	2031.3
40°	2176.9	1845.1	1855.3	1983.9	1794.4
42.5°	2061.8	1740.1	1753.7	1790.9	1618.3
45°	1936.5	1638.6	1648.7	1513.3	1482.9
47.5°	1797.7	1533.7	1537.0	1256.0	1438.9
50°	1631.8	1425.3	1411.8	1076.6	1435.4
52.5°	1486.3	1306.8	1266.2	975.0	1303.4
55°	1344.1	1181.5	1093.5	897.2	1208.6
57.5°	1218.8	1019.1	934.4	805.8	1188.3
60°	1103.7	859.9	795.6	707.6	1090.1
62.5°	1008.9	741.5	727.9	639.8	988.6
65°	907.3	660.2	656.8	582.3	839.6
67.5°	809.1	606.0	602.6	528.1	639.8
70°	704.2	548.4	541.7	470.6	474.0
72.5°	595.8	484.1	477.4	423.2	392.7
75°	487.5	409.6	406.2	369.0	318.2
77.5°	382.6	325.0	331.7	297.9	233.6
80°	274.3	237.0	243.8	213.3	176.0
82.5°	182.8	155.7	162.5	135.4	118.5
85°	101.6	88.1	91.4	71.1	54.2
87.5°	47.4	40.7	40.7	27.1	16.9
90°	58.3	37.2	34.5	23.8	13.2
92.5°	360.0	256.1	233.5	143.2	53.0
95°	885.7	498.8	457.6	292.5	127.4
97.5°	1193.1	547.9	511.5	365.8	220.2
100°	1305.0	589.1	556.0	424.0	291.9
102.5°	1356.4	630.2	599.3	476.2	352.9
105°	1394.4	691.2	665.1	560.7	456.4
107.5°	1401.5	781.4	757.1	659.8	562.5
110°	1390.8	831.8	809.9	722.0	634.2



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1391.2	892.8	871.9	788.2	704.5
115°	1404.1	984.4	965.1	887.8	810.6
117.5°	1430.2	1073.3	1055.8	985.6	915.5
120°	1451.4	1125.1	1108.6	1042.5	976.4
122.5°	1481.9	1186.0	1169.4	1102.8	1036.1
125°	1523.1	1264.4	1249.2	1188.4	1127.7
127.5°	1564.2	1340.0	1324.7	1263.3	1202.0
130°	1594.2	1390.3	1373.9	1307.8	1241.8
132.5°	1618.6	1431.5	1415.0	1348.9	1282.9
135°	1645.1	1479.3	1464.2	1404.1	1344.0
137.5°	1684.9	1540.2	1525.4	1465.9	1406.3
140°	1709.2	1581.4	1567.7	1512.8	1458.0
142.5°	1729.5	1611.9	1599.3	1548.5	1497.8
145°	1756.1	1658.4	1647.4	1603.1	1558.9
147.5°	1795.0	1716.7	1705.9	1662.9	1619.9
150°	1815.4	1747.3	1737.6	1698.6	1659.7
152.5°	1828.7	1767.2	1759.8	1730.3	1700.8
155°	1857.8	1810.9	1805.5	1783.7	1761.8
157.5°	1887.0	1854.7	1849.4	1828.2	1807.0
160°	1900.3	1874.6	1870.5	1854.0	1837.5
162.5°	1914.4	1895.8	1892.7	1880.4	1868.0
165°	1934.8	1926.3	1923.5	1912.3	1901.1
167.5°	1950.7	1943.6	1942.3	1937.0	1931.7
170°	1963.9	1963.5	1962.2	1956.9	1951.6
172.5°	1964.8	1964.8	1964.6	1963.4	1962.2
175°	1972.8	1976.8	1976.8	1976.8	1976.8
177.5°	1973.7	1976.8	1976.8	1976.8	1976.8
180°	1976.8	1976.8	1976.8	1976.8	1976.8



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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	12.38	13.17	13.40	14.20	15.59	15.23	16.02	16.25	17.06	18.44
	3H	12.85	13.56	13.88	14.60	16.00	16.58	17.29	17.61	18.33	19.73
	4H	13.04	13.71	14.08	14.75	16.16	17.02	17.70	18.07	18.74	20.15
	6H	13.15	13.77	14.21	14.82	16.24	17.31	17.93	18.36	18.98	20.40
	8H	13.15	13.74	14.21	14.81	16.22	17.39	17.98	18.45	19.04	20.45
	12H	13.12	13.68	14.19	14.74	16.18	17.42	17.99	18.49	19.04	20.48
4H	2H	13.41	14.08	14.46	15.12	16.53	15.63	16.30	16.68	17.35	18.75
	3H	14.43	14.99	15.49	16.06	17.48	17.14	17.70	18.20	18.77	20.19
	4H	14.70	15.22	15.77	16.28	17.72	17.67	18.18	18.73	19.24	20.68
	6H	14.82	15.26	15.90	16.35	17.79	18.03	18.47	19.11	19.56	21.00
	8H	14.83	15.24	15.90	16.32	17.77	18.14	18.55	19.22	19.63	21.08
	12H	14.79	15.16	15.88	16.25	17.71	18.20	18.57	19.29	19.66	21.12
8H	4H	15.15	15.57	16.23	16.64	18.10	17.78	18.20	18.86	19.27	20.73
	6H	15.41	15.75	16.51	16.87	18.32	18.22	18.56	19.32	19.68	21.13
	8H	15.45	15.75	16.56	16.85	18.32	18.38	18.68	19.48	19.78	21.25
	12H	15.44	15.70	16.54	16.80	18.30	18.48	18.74	19.59	19.84	21.35
12H	4H	15.16	15.53	16.25	16.62	18.08	17.75	18.12	18.84	19.21	20.67
	6H	15.47	15.77	16.58	16.87	18.34	18.22	18.52	19.33	19.62	21.09
	8H	15.54	15.80	16.65	16.90	18.41	18.38	18.64	19.49	19.74	21.25