

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: P935413

Luminaire Tested: SQ4-FA-125U-050D-835-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935413
REPORT IS A COMBINATION OF REPORTS P933753 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-835-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

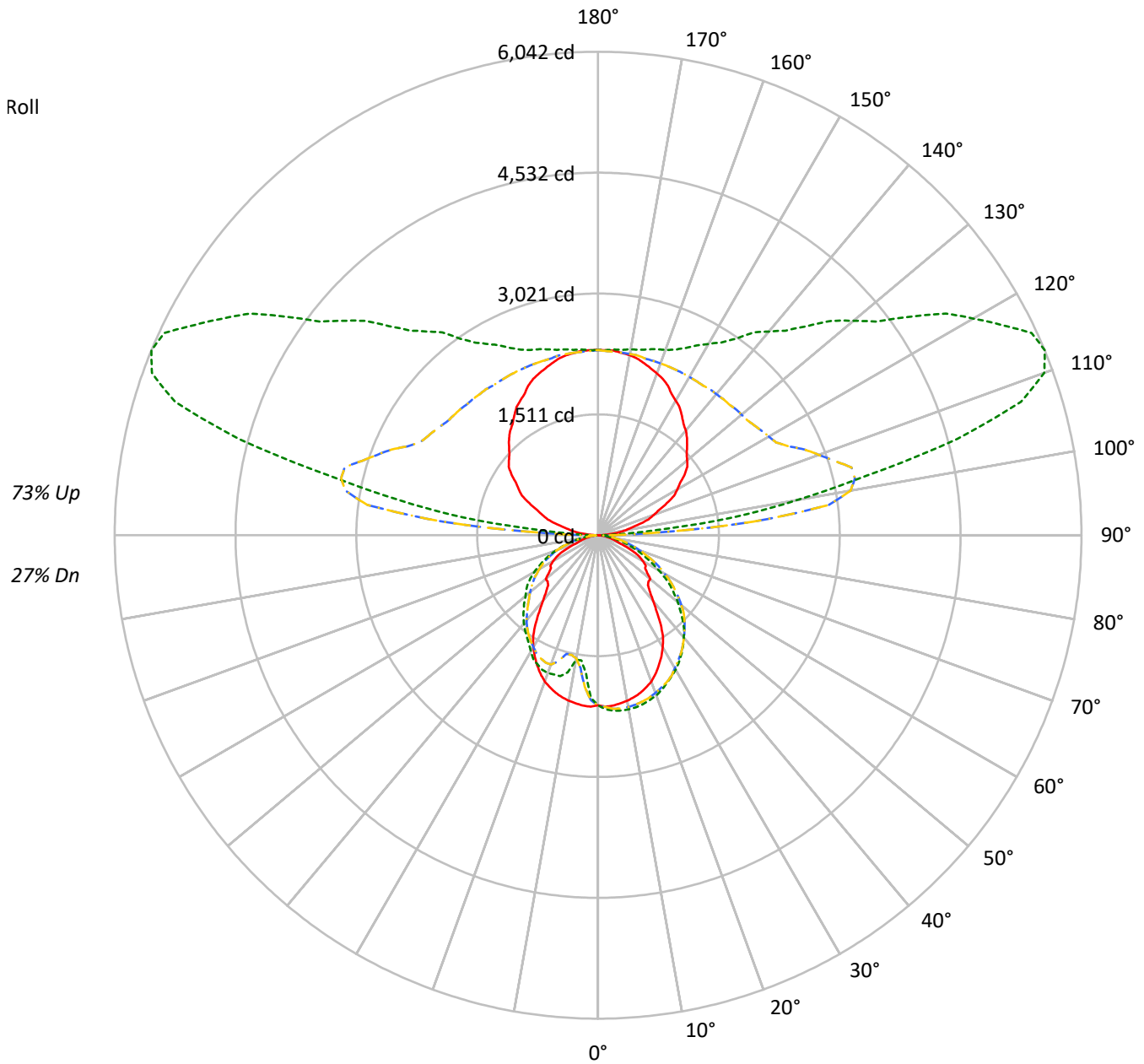
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20526.0 lumens
Efficiency: N/A
Efficacy: 143.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 142.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35				27
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29				23
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25				19
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21				16
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18				14
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16				12
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14				10
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12				9
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11				8
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10				7
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9				7

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6578	6578	6578	6578
5°	6629	6640	6629	5221
10°	6588	6541	6588	4676
15°	6518	6399	6518	5343
20°	6385	6231	6385	5355
25°	6108	5986	6108	5241
30°	5750	5783	5750	4992
35°	5128	5526	5128	4718
40°	4276	5223	4276	4511
45°	3823	4869	3823	4273
50°	4065	4446	4065	4035
55°	3828	3991	3828	3897
60°	3951	3390	3951	3569
65°	3588	2802	3588	3132
70°	2491	2233	2491	2626
75°	2192	1651	2192	1976
80°	1779	1091	1779	1188
85°	1043	578	1043	491

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5856 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.0	0.9
10°-20°	545.0	2.7
20°-30°	842.5	4.1
30°-40°	1005.8	4.9
40°-50°	1011.7	4.9
50°-60°	880.3	4.3
60°-70°	624.2	3.0
70°-80°	330.2	1.6
80°-90°	91.1	0.4
90°-100°	1128.1	5.5
100°-110°	2966.0	14.4
110°-120°	3075.4	15.0
120°-130°	2466.8	12.0
130°-140°	1935.6	9.4
140°-150°	1485.6	7.2
150°-160°	1069.9	5.2
160°-170°	654.6	3.2
170°-180°	221.2	1.1
0°-30°	1579.6	7.7
0°-40°	2585.4	12.6
0°-60°	4477.4	21.8
0°-90°	5522.8	26.9
90°-120°	7169.4	34.9
90°-150°	13057.5	63.6
90°-180°	15003.0	73.1
0°-180°	20526.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2127	2127	2127	2127	2127	
5°	2137	2203	2137	1732	2137	203
15°	2040	2183	2040	1823	2040	574
25°	1797	2036	1797	1783	1797	825
35°	1366	1817	1366	1551	1366	845
45°	881	1497	881	1314	881	706
55°	718	1105	718	1078	718	660
65°	499	666	499	744	499	477
75°	189	316	189	378	189	199
85°	32	80	32	68	32	43
90°	16	59	16	59	16	14
95°	149	682	149	682	149	166
105°	534	4644	534	4644	534	566
115°	949	5980	949	5980	949	937
125°	1320	4762	1320	4762	1320	1172
135°	1574	3695	1574	3695	1574	1217
145°	1825	2998	1825	2998	1825	1143
155°	2063	2582	2063	2582	2063	948
165°	2226	2404	2226	2404	2226	628
175°	2314	2330	2314	2330	2314	220
180°	2314	2314	2314	2314	2314	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6
2.5°	2144.7	2144.7	2156.8	2160.8	2160.8	2154.8	2148.8	2154.8	2172.9	2178.9	2176.9
5°	2136.7	2152.8	2174.9	2178.9	2183.0	2181.0	2176.9	2181.0	2201.1	2205.1	2207.1
7.5°	2120.6	2150.8	2178.9	2185.0	2191.0	2185.0	2183.0	2187.0	2207.1	2211.1	2211.1
10°	2100.5	2142.7	2174.9	2178.9	2185.0	2178.9	2178.9	2187.0	2207.1	2211.1	2213.2
12.5°	2072.3	2130.7	2160.8	2164.9	2172.9	2170.9	2168.9	2176.9	2197.1	2201.1	2201.1
15°	2040.1	2108.5	2136.7	2140.7	2154.8	2150.8	2150.8	2158.8	2181.0	2187.0	2185.0
17.5°	1995.9	2080.4	2112.6	2118.6	2128.7	2126.6	2128.7	2136.7	2156.8	2160.8	2162.9
20°	1945.6	2042.1	2080.4	2086.4	2096.5	2096.5	2096.5	2106.5	2126.6	2134.7	2134.7
22.5°	1877.2	2001.9	2042.1	2046.2	2058.2	2058.2	2062.3	2076.3	2094.4	2096.5	2096.5
25°	1796.7	1957.6	1991.8	2003.9	2016.0	2022.0	2028.1	2036.1	2042.1	2040.1	2042.1
27.5°	1712.2	1901.3	1945.6	1953.6	1969.7	1975.7	1983.8	1985.8	1987.8	1993.8	1989.8
30°	1617.6	1822.8	1889.2	1897.3	1923.4	1927.5	1919.4	1923.4	1933.5	1937.5	1941.5
32.5°	1511.0	1706.1	1830.9	1849.0	1873.1	1861.1	1859.0	1865.1	1881.2	1881.2	1885.2
35°	1366.1	1615.6	1776.6	1792.7	1810.8	1796.7	1804.7	1806.7	1816.8	1822.8	1820.8
37.5°	1207.2	1537.1	1720.2	1732.3	1746.4	1728.3	1740.3	1746.4	1754.4	1750.4	1750.4
40°	1066.3	1414.4	1653.8	1661.9	1673.9	1659.9	1671.9	1676.0	1680.0	1676.0	1673.9
42.5°	961.7	1279.6	1583.4	1593.5	1585.4	1595.5	1599.5	1607.6	1601.5	1593.5	1593.5
45°	881.2	1243.4	1507.0	1519.0	1507.0	1523.1	1529.1	1529.1	1511.0	1507.0	1504.9
47.5°	855.1	1171.0	1430.5	1430.5	1424.5	1444.6	1454.6	1440.6	1422.5	1416.4	1416.4
50°	853.1	1090.5	1325.9	1317.8	1346.0	1370.1	1360.1	1346.0	1331.9	1309.8	1309.8
52.5°	774.6	991.9	1191.1	1221.3	1265.5	1279.6	1263.5	1249.4	1225.3	1215.2	1207.2
55°	718.3	889.3	1068.3	1128.7	1175.0	1193.1	1162.9	1148.8	1112.6	1106.6	1102.6
57.5°	706.2	740.4	955.7	1032.1	1088.5	1086.5	1068.3	1042.2	1012.0	1006.0	1004.0
60°	647.9	535.2	835.0	925.5	983.8	977.8	961.7	937.6	909.4	905.4	901.4
62.5°	587.5	388.3	698.1	800.8	883.2	881.2	867.2	830.9	810.8	800.8	792.7
65°	499.0	325.9	497.0	666.0	784.7	788.7	758.5	732.4	710.2	698.1	696.1
67.5°	380.3	265.6	336.0	555.3	690.1	686.1	647.9	635.8	607.6	601.6	589.5
70°	281.7	177.1	233.4	450.7	597.6	587.5	557.3	543.2	517.1	503.0	494.9
72.5°	233.4	142.8	171.0	350.1	503.0	490.9	464.8	448.7	426.5	414.5	406.4
75°	189.1	150.9	130.8	259.5	408.4	400.4	376.2	360.1	342.0	325.9	327.9
77.5°	138.8	140.8	104.6	191.1	323.9	311.9	297.8	277.7	269.6	253.5	253.5
80°	104.6	110.7	78.5	130.8	233.4	233.4	221.3	207.2	193.1	185.1	185.1
82.5°	70.4	70.4	58.3	82.5	158.9	152.9	144.9	140.8	132.8	128.8	128.8
85°	32.2	40.2	36.2	50.3	86.5	90.5	90.5	86.5	84.5	80.5	82.5
87.5°	10.1	18.1	22.1	28.2	44.3	46.3	48.3	48.3	48.3	50.3	50.3
90°	15.5	27.9	40.4	43.5	68.3	101.4	118.0	104.9	78.7	59.0	59.0
92.5°	62.1	167.7	273.4	299.8	421.5	583.7	664.8	582.6	418.3	295.1	283.4
95°	149.1	342.4	535.7	584.0	1037.0	1641.1	1943.1	1733.9	1315.6	1001.9	966.3
97.5°	257.8	428.3	598.9	641.5	1396.9	2404.1	2907.7	2775.5	2511.1	2312.8	2245.1
100°	341.7	496.4	651.0	689.7	1527.9	2645.6	3204.4	3214.1	3233.4	3247.9	3167.3
102.5°	413.2	557.5	701.7	737.8	1588.0	2721.5	3288.3	3456.7	3793.6	4046.3	3977.3
105°	534.3	656.5	778.7	809.3	1632.5	2730.1	3278.9	3656.5	4411.8	4978.2	4941.1
107.5°	658.6	772.5	886.4	914.9	1640.8	2608.7	3092.6	3619.3	4672.7	5462.8	5471.8
110°	742.5	845.3	948.2	973.9	1628.3	2500.9	2937.2	3526.1	4703.8	5587.1	5625.8



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	824.8	922.8	1020.8	1045.3	1628.8	2406.9	2795.9	3398.6	4603.9	5507.9	5567.3
115°	949.0	1039.4	1129.9	1152.5	1643.9	2299.0	2626.6	3207.2	4368.3	5239.2	5321.5
117.5°	1071.8	1153.9	1236.1	1256.6	1674.4	2231.5	2510.1	3034.1	4082.0	4867.9	4959.2
120°	1143.2	1220.5	1297.9	1317.2	1699.3	2208.8	2463.5	2942.3	3899.8	4617.9	4706.6
122.5°	1213.1	1291.1	1369.1	1388.6	1735.0	2196.9	2427.8	2858.9	3721.1	4367.8	4455.3
125°	1320.3	1391.4	1462.5	1480.3	1783.2	2187.0	2388.9	2755.1	3487.6	4036.9	4117.5
127.5°	1407.3	1479.1	1550.9	1568.8	1831.3	2181.3	2356.3	2670.7	3299.6	3771.3	3839.3
130°	1453.9	1531.2	1608.5	1627.8	1866.5	2184.8	2343.9	2623.8	3183.7	3603.6	3666.4
132.5°	1502.0	1579.3	1656.7	1676.0	1895.0	2187.0	2333.0	2583.6	3084.8	3460.7	3517.0
135°	1573.5	1643.9	1714.3	1731.9	1926.1	2185.0	2314.4	2524.3	2944.0	3258.8	3307.3
137.5°	1646.5	1716.2	1785.9	1803.3	1972.6	2198.4	2311.3	2488.7	2843.5	3109.6	3149.3
140°	1707.0	1771.2	1835.4	1851.5	2001.1	2200.6	2300.4	2453.6	2760.1	2990.0	3027.1
142.5°	1753.6	1813.0	1872.4	1887.2	2024.9	2208.6	2300.4	2435.0	2704.3	2906.2	2938.1
145°	1825.1	1876.9	1928.7	1941.6	2056.0	2208.6	2284.9	2395.0	2615.2	2780.3	2804.5
147.5°	1896.5	1946.9	1997.3	2009.9	2101.6	2223.8	2284.9	2371.5	2544.8	2674.7	2694.7
150°	1943.1	1988.7	2034.3	2045.7	2125.4	2231.7	2284.9	2358.1	2504.4	2614.1	2630.3
152.5°	1991.3	2025.8	2060.4	2069.0	2141.0	2236.9	2284.9	2347.4	2472.3	2566.0	2578.3
155°	2062.7	2088.3	2113.8	2120.2	2175.1	2248.3	2284.9	2334.6	2434.0	2508.5	2516.6
157.5°	2115.6	2140.4	2165.3	2171.5	2209.3	2259.7	2284.9	2323.5	2400.8	2458.8	2464.5
160°	2151.3	2170.6	2190.0	2194.8	2224.8	2264.9	2284.9	2318.0	2384.3	2434.0	2437.3
162.5°	2187.0	2201.5	2216.0	2219.6	2241.4	2270.4	2284.9	2312.9	2368.8	2410.7	2413.8
165°	2225.8	2238.9	2252.0	2255.3	2265.2	2278.3	2284.9	2304.9	2344.9	2374.9	2378.2
167.5°	2261.6	2267.8	2274.0	2275.5	2283.8	2294.9	2300.4	2313.5	2339.7	2359.4	2360.8
170°	2284.9	2291.1	2297.3	2298.8	2299.3	2300.0	2300.4	2313.5	2339.7	2359.4	2359.4
172.5°	2297.3	2298.7	2300.1	2300.4	2300.4	2300.4	2300.4	2310.8	2331.5	2347.0	2345.8
175°	2314.4	2314.4	2314.4	2314.4	2309.7	2303.5	2300.4	2307.0	2320.1	2329.9	2329.9
177.5°	2314.4	2314.4	2314.4	2314.4	2310.8	2305.9	2303.5	2308.7	2319.0	2326.8	2325.4
180°	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6
2.5°	2181.0	2174.9	2181.0	2176.9	2178.9	2172.9	2154.8	2148.8	2154.8	2160.8	2160.8
5°	2207.1	2203.1	2207.1	2207.1	2205.1	2201.1	2181.0	2176.9	2181.0	2183.0	2178.9
7.5°	2215.2	2209.1	2215.2	2211.1	2211.1	2207.1	2187.0	2183.0	2185.0	2191.0	2185.0
10°	2215.2	2209.1	2215.2	2213.2	2211.1	2207.1	2187.0	2178.9	2178.9	2185.0	2178.9
12.5°	2205.1	2201.1	2205.1	2201.1	2201.1	2197.1	2176.9	2168.9	2170.9	2172.9	2164.9
15°	2189.0	2183.0	2189.0	2185.0	2187.0	2181.0	2158.8	2150.8	2150.8	2154.8	2140.7
17.5°	2164.9	2156.8	2164.9	2162.9	2160.8	2156.8	2136.7	2128.7	2126.6	2128.7	2118.6
20°	2136.7	2130.7	2136.7	2134.7	2134.7	2126.6	2106.5	2096.5	2096.5	2096.5	2086.4
22.5°	2092.4	2086.4	2092.4	2096.5	2096.5	2094.4	2076.3	2062.3	2058.2	2058.2	2046.2
25°	2042.1	2036.1	2042.1	2042.1	2040.1	2042.1	2036.1	2028.1	2022.0	2016.0	2003.9
27.5°	1993.8	1989.8	1993.8	1989.8	1993.8	1987.8	1985.8	1983.8	1975.7	1969.7	1953.6
30°	1945.6	1941.5	1945.6	1941.5	1937.5	1933.5	1923.4	1919.4	1927.5	1923.4	1897.3
32.5°	1885.2	1881.2	1885.2	1885.2	1881.2	1881.2	1865.1	1859.0	1861.1	1873.1	1849.0
35°	1822.8	1816.8	1822.8	1820.8	1822.8	1816.8	1806.7	1804.7	1796.7	1810.8	1792.7
37.5°	1750.4	1744.4	1750.4	1750.4	1750.4	1754.4	1746.4	1740.3	1728.3	1746.4	1732.3
40°	1676.0	1667.9	1676.0	1673.9	1676.0	1680.0	1676.0	1671.9	1659.9	1673.9	1661.9
42.5°	1591.5	1589.4	1591.5	1593.5	1593.5	1601.5	1607.6	1599.5	1595.5	1585.4	1593.5
45°	1500.9	1496.9	1500.9	1504.9	1507.0	1511.0	1529.1	1529.1	1523.1	1507.0	1519.0
47.5°	1404.3	1394.3	1404.3	1416.4	1416.4	1422.5	1440.6	1454.6	1444.6	1424.5	1430.5
50°	1301.7	1303.7	1301.7	1309.8	1309.8	1331.9	1346.0	1360.1	1370.1	1346.0	1317.8
52.5°	1201.1	1199.1	1201.1	1207.2	1215.2	1225.3	1249.4	1263.5	1279.6	1265.5	1221.3
55°	1100.5	1104.6	1100.5	1102.6	1106.6	1112.6	1148.8	1162.9	1193.1	1175.0	1128.7
57.5°	999.9	993.9	999.9	1004.0	1006.0	1012.0	1042.2	1068.3	1086.5	1088.5	1032.1
60°	883.2	875.2	883.2	901.4	905.4	909.4	937.6	961.7	977.8	983.8	925.5
62.5°	780.6	766.6	780.6	792.7	800.8	810.8	830.9	867.2	881.2	883.2	800.8
65°	672.0	666.0	672.0	696.1	698.1	710.2	732.4	758.5	788.7	784.7	666.0
67.5°	573.4	573.4	573.4	589.5	601.6	607.6	635.8	647.9	686.1	690.1	555.3
70°	482.9	480.9	482.9	494.9	503.0	517.1	543.2	557.3	587.5	597.6	450.7
72.5°	396.4	394.3	396.4	406.4	414.5	426.5	448.7	464.8	490.9	503.0	350.1
75°	319.9	315.9	319.9	327.9	325.9	342.0	360.1	376.2	400.4	408.4	259.5
77.5°	245.5	245.5	245.5	253.5	253.5	269.6	277.7	297.8	311.9	323.9	191.1
80°	183.1	181.1	183.1	185.1	185.1	193.1	207.2	221.3	233.4	233.4	130.8
82.5°	128.8	124.7	128.8	128.8	128.8	132.8	140.8	144.9	152.9	158.9	82.5
85°	80.5	80.5	80.5	82.5	80.5	84.5	86.5	90.5	90.5	86.5	50.3
87.5°	52.3	50.3	52.3	50.3	50.3	48.3	48.3	48.3	46.3	44.3	28.2
90°	59.0	59.0	59.0	59.0	59.0	78.7	104.9	118.0	101.4	68.3	43.5
92.5°	236.4	189.5	236.4	283.4	295.1	418.3	582.6	664.8	583.7	421.5	299.8
95°	824.1	681.9	824.1	966.3	1001.9	1315.6	1733.9	1943.1	1641.1	1037.0	584.0
97.5°	1974.5	1703.9	1974.5	2245.1	2312.8	2511.1	2775.5	2907.7	2404.1	1396.9	641.5
100°	2844.9	2522.5	2844.9	3167.3	3247.9	3233.4	3214.1	3204.4	2645.6	1527.9	689.7
102.5°	3701.1	3425.0	3701.1	3977.3	4046.3	3793.6	3456.7	3288.3	2721.5	1588.0	737.8
105°	4792.7	4644.3	4792.7	4941.1	4978.2	4411.8	3656.5	3278.9	2730.1	1632.5	809.3
107.5°	5507.7	5543.6	5507.7	5471.8	5462.8	4672.7	3619.3	3092.6	2608.7	1640.8	914.9
110°	5780.4	5935.0	5780.4	5625.8	5587.1	4703.8	3526.1	2937.2	2500.9	1628.3	973.9



TEST NUMBER: P935413

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5804.7	6042.2	5804.7	5567.3	5507.9	4603.9	3398.6	2795.9	2406.9	1628.8	1045.3
115°	5650.8	5980.1	5650.8	5321.5	5239.2	4368.3	3207.2	2626.6	2299.0	1643.9	1152.5
117.5°	5324.4	5689.6	5324.4	4959.2	4867.9	4082.0	3034.1	2510.1	2231.5	1674.4	1256.6
120°	5061.4	5416.2	5061.4	4706.6	4617.9	3899.8	2942.3	2463.5	2208.8	1699.3	1317.2
122.5°	4805.3	5155.3	4805.3	4455.3	4367.8	3721.1	2858.9	2427.8	2196.9	1735.0	1388.6
125°	4439.9	4762.3	4439.9	4117.5	4036.9	3487.6	2755.1	2388.9	2187.0	1783.2	1480.3
127.5°	4111.3	4383.3	4111.3	3839.3	3771.3	3299.6	2670.7	2356.3	2181.3	1831.3	1568.8
130°	3917.7	4169.0	3917.7	3666.4	3603.6	3183.7	2623.8	2343.9	2184.8	1866.5	1627.8
132.5°	3742.0	3967.0	3742.0	3517.0	3460.7	3084.8	2583.6	2333.0	2187.0	1895.0	1676.0
135°	3501.2	3695.2	3501.2	3307.3	3258.8	2944.0	2524.3	2314.4	2185.0	1926.1	1731.9
137.5°	3308.1	3466.9	3308.1	3149.3	3109.6	2843.5	2488.7	2311.3	2198.4	1972.6	1803.3
140°	3175.6	3324.0	3175.6	3027.1	2990.0	2760.1	2453.6	2300.4	2200.6	2001.1	1851.5
142.5°	3065.8	3193.5	3065.8	2938.1	2906.2	2704.3	2435.0	2300.4	2208.6	2024.9	1887.2
145°	2901.1	2997.8	2901.1	2804.5	2780.3	2615.2	2395.0	2284.9	2208.6	2056.0	1941.6
147.5°	2774.8	2854.9	2774.8	2694.7	2674.7	2544.8	2371.5	2284.9	2223.8	2101.6	2009.9
150°	2695.3	2760.2	2695.3	2630.3	2614.1	2504.4	2358.1	2284.9	2231.7	2125.4	2045.7
152.5°	2627.3	2676.3	2627.3	2578.3	2566.0	2472.3	2347.4	2284.9	2236.9	2141.0	2069.0
155°	2549.1	2581.5	2549.1	2516.6	2508.5	2434.0	2334.6	2284.9	2248.3	2175.1	2120.2
157.5°	2487.3	2510.1	2487.3	2464.5	2458.8	2400.8	2323.5	2284.9	2259.7	2209.3	2171.5
160°	2450.4	2463.5	2450.4	2437.3	2434.0	2384.3	2318.0	2284.9	2264.9	2224.8	2194.8
162.5°	2426.2	2438.6	2426.2	2413.8	2410.7	2368.8	2312.9	2284.9	2270.4	2241.4	2219.6
165°	2391.3	2404.5	2391.3	2378.2	2374.9	2344.9	2304.9	2284.9	2278.3	2265.2	2255.3
167.5°	2366.3	2371.8	2366.3	2360.8	2359.4	2339.7	2313.5	2300.4	2294.9	2283.8	2275.5
170°	2359.4	2359.4	2359.4	2359.4	2359.4	2339.7	2313.5	2300.4	2300.0	2299.3	2298.8
172.5°	2340.9	2336.1	2340.9	2345.8	2347.0	2331.5	2310.8	2300.4	2300.4	2300.4	2300.4
175°	2329.9	2329.9	2329.9	2329.9	2329.9	2320.1	2307.0	2300.4	2303.5	2309.7	2314.4
177.5°	2319.9	2314.4	2319.9	2325.4	2326.8	2319.0	2308.7	2303.5	2305.9	2310.8	2314.4
180°	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6
2.5°	2156.8	2144.7	2144.7	2124.6	2116.6	2110.5	2100.5	2070.3	2062.3	2054.2	2066.3
5°	2174.9	2152.8	2136.7	2100.5	2070.3	2058.2	2020.0	1947.6	1899.3	1863.1	1843.0
7.5°	2178.9	2150.8	2120.6	2064.3	1991.8	1959.6	1843.0	1710.2	1673.9	1641.8	1621.6
10°	2174.9	2142.7	2100.5	2016.0	1845.0	1788.6	1671.9	1585.4	1563.3	1557.3	1563.3
12.5°	2160.8	2130.7	2072.3	1931.5	1692.1	1653.8	1585.4	1535.1	1531.1	1541.2	1595.5
15°	2136.7	2108.5	2040.1	1818.8	1607.6	1579.4	1531.1	1513.0	1535.1	1605.5	1768.5
17.5°	2112.6	2080.4	1995.9	1708.2	1543.2	1523.1	1488.8	1525.1	1649.8	1744.4	1798.7
20°	2080.4	2042.1	1945.6	1627.7	1496.9	1478.8	1462.7	1625.7	1720.2	1754.4	1784.6
22.5°	2042.1	2001.9	1877.2	1571.3	1448.6	1434.5	1444.6	1682.0	1720.2	1744.4	1770.5
25°	1991.8	1957.6	1796.7	1527.1	1410.4	1394.3	1432.5	1676.0	1698.1	1704.1	1756.4
27.5°	1945.6	1901.3	1712.2	1486.8	1364.1	1358.1	1442.6	1649.8	1665.9	1671.9	1728.3
30°	1889.2	1822.8	1617.6	1444.6	1315.8	1313.8	1444.6	1617.6	1613.6	1629.7	1686.0
32.5°	1830.9	1706.1	1511.0	1392.3	1269.5	1267.5	1430.5	1569.3	1565.3	1587.4	1629.7
35°	1776.6	1615.6	1366.1	1331.9	1211.2	1213.2	1396.3	1513.0	1515.0	1535.1	1561.3
37.5°	1720.2	1537.1	1207.2	1265.5	1154.9	1154.9	1350.0	1460.7	1456.7	1462.7	1498.9
40°	1653.8	1414.4	1066.3	1179.0	1102.6	1096.5	1293.7	1404.3	1390.3	1388.3	1438.5
42.5°	1583.4	1279.6	961.7	1064.3	1042.2	1034.1	1225.3	1335.9	1309.8	1315.8	1380.2
45°	1507.0	1243.4	881.2	899.3	979.8	973.8	1150.8	1257.5	1239.4	1255.5	1321.9
47.5°	1430.5	1171.0	855.1	746.4	913.4	911.4	1068.3	1181.0	1171.0	1187.1	1257.5
50°	1325.9	1090.5	853.1	639.8	839.0	847.0	969.8	1106.6	1106.6	1120.7	1195.1
52.5°	1191.1	991.9	774.6	579.4	752.5	776.6	883.2	1042.2	1046.2	1060.3	1126.7
55°	1068.3	889.3	718.3	533.2	649.9	702.2	798.7	975.8	983.8	997.9	1058.3
57.5°	955.7	740.4	706.2	478.8	555.3	605.6	724.3	911.4	915.4	927.5	985.9
60°	835.0	535.2	647.9	420.5	472.8	511.0	655.9	835.0	849.0	857.1	907.4
62.5°	698.1	388.3	587.5	380.3	432.6	440.6	599.6	762.5	780.6	786.7	816.9
65°	497.0	325.9	499.0	346.1	390.3	392.3	539.2	688.1	704.2	714.2	736.4
67.5°	336.0	265.6	380.3	313.9	358.1	360.1	480.9	601.6	623.7	631.8	645.8
70°	233.4	177.1	281.7	279.7	321.9	325.9	418.5	523.1	543.2	549.3	557.3
72.5°	171.0	142.8	233.4	251.5	283.7	287.7	354.1	434.6	454.7	460.7	464.8
75°	130.8	150.9	189.1	219.3	241.4	243.4	289.7	354.1	368.2	372.2	374.2
77.5°	104.6	140.8	138.8	177.1	197.2	193.1	227.4	273.6	285.7	285.7	285.7
80°	78.5	110.7	104.6	126.8	144.9	140.8	163.0	195.2	199.2	203.2	201.2
82.5°	58.3	70.4	70.4	80.5	96.6	92.6	108.6	126.8	126.8	126.8	130.8
85°	36.2	40.2	32.2	42.3	54.3	52.3	60.4	68.4	70.4	70.4	66.4
87.5°	22.1	18.1	10.1	16.1	24.1	24.1	28.2	30.2	28.2	28.2	28.2
90°	40.4	27.9	15.5	27.9	40.4	43.5	68.3	101.4	118.0	104.9	78.7
92.5°	273.4	167.7	62.1	167.7	273.4	299.8	421.5	583.7	664.8	582.6	418.3
95°	535.7	342.4	149.1	342.4	535.7	584.0	1037.0	1641.1	1943.1	1733.9	1315.6
97.5°	598.9	428.3	257.8	428.3	598.9	641.5	1396.9	2404.1	2907.7	2775.5	2511.1
100°	651.0	496.4	341.7	496.4	651.0	689.7	1527.9	2645.6	3204.4	3214.1	3233.4
102.5°	701.7	557.5	413.2	557.5	701.7	737.8	1588.0	2721.5	3288.3	3456.7	3793.6
105°	778.7	656.5	534.3	656.5	778.7	809.3	1632.5	2730.1	3278.9	3656.5	4411.8
107.5°	886.4	772.5	658.6	772.5	886.4	914.9	1640.8	2608.7	3092.6	3619.3	4672.7
110°	948.2	845.3	742.5	845.3	948.2	973.9	1628.3	2500.9	2937.2	3526.1	4703.8



TEST NUMBER: P935413

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	1020.8	922.8	824.8	922.8	1020.8	1045.3	1628.8	2406.9	2795.9	3398.6	4603.9
115°	1129.9	1039.4	949.0	1039.4	1129.9	1152.5	1643.9	2299.0	2626.6	3207.2	4368.3
117.5°	1236.1	1153.9	1071.8	1153.9	1236.1	1256.6	1674.4	2231.5	2510.1	3034.1	4082.0
120°	1297.9	1220.5	1143.2	1220.5	1297.9	1317.2	1699.3	2208.8	2463.5	2942.3	3899.8
122.5°	1369.1	1291.1	1213.1	1291.1	1369.1	1388.6	1735.0	2196.9	2427.8	2858.9	3721.1
125°	1462.5	1391.4	1320.3	1391.4	1462.5	1480.3	1783.2	2187.0	2388.9	2755.1	3487.6
127.5°	1550.9	1479.1	1407.3	1479.1	1550.9	1568.8	1831.3	2181.3	2356.3	2670.7	3299.6
130°	1608.5	1531.2	1453.9	1531.2	1608.5	1627.8	1866.5	2184.8	2343.9	2623.8	3183.7
132.5°	1656.7	1579.3	1502.0	1579.3	1656.7	1676.0	1895.0	2187.0	2333.0	2583.6	3084.8
135°	1714.3	1643.9	1573.5	1643.9	1714.3	1731.9	1926.1	2185.0	2314.4	2524.3	2944.0
137.5°	1785.9	1716.2	1646.5	1716.2	1785.9	1803.3	1972.6	2198.4	2311.3	2488.7	2843.5
140°	1835.4	1771.2	1707.0	1771.2	1835.4	1851.5	2001.1	2200.6	2300.4	2453.6	2760.1
142.5°	1872.4	1813.0	1753.6	1813.0	1872.4	1887.2	2024.9	2208.6	2300.4	2435.0	2704.3
145°	1928.7	1876.9	1825.1	1876.9	1928.7	1941.6	2056.0	2208.6	2284.9	2395.0	2615.2
147.5°	1997.3	1946.9	1896.5	1946.9	1997.3	2009.9	2101.6	2223.8	2284.9	2371.5	2544.8
150°	2034.3	1988.7	1943.1	1988.7	2034.3	2045.7	2125.4	2231.7	2284.9	2358.1	2504.4
152.5°	2060.4	2025.8	1991.3	2025.8	2060.4	2069.0	2141.0	2236.9	2284.9	2347.4	2472.3
155°	2113.8	2088.3	2062.7	2088.3	2113.8	2120.2	2175.1	2248.3	2284.9	2334.6	2434.0
157.5°	2165.3	2140.4	2115.6	2140.4	2165.3	2171.5	2209.3	2259.7	2284.9	2323.5	2400.8
160°	2190.0	2170.6	2151.3	2170.6	2190.0	2194.8	2224.8	2264.9	2284.9	2318.0	2384.3
162.5°	2216.0	2201.5	2187.0	2201.5	2216.0	2219.6	2241.4	2270.4	2284.9	2312.9	2368.8
165°	2252.0	2238.9	2225.8	2238.9	2252.0	2255.3	2265.2	2278.3	2284.9	2304.9	2344.9
167.5°	2274.0	2267.8	2261.6	2267.8	2274.0	2275.5	2283.8	2294.9	2300.4	2313.5	2339.7
170°	2297.3	2291.1	2284.9	2291.1	2297.3	2298.8	2299.3	2300.0	2300.4	2313.5	2339.7
172.5°	2300.1	2298.7	2297.3	2298.7	2300.1	2300.4	2300.4	2300.4	2300.4	2310.8	2331.5
175°	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2309.7	2303.5	2300.4	2307.0	2320.1
177.5°	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2310.8	2305.9	2303.5	2308.7	2319.0
180°	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4



TEST NUMBER: P935413
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6	2126.6
2.5°	2052.2	2046.2	2054.2	2032.1	2054.2	2046.2	2052.2	2066.3	2054.2	2062.3	2070.3
5°	1800.7	1790.6	1758.5	1732.3	1758.5	1790.6	1800.7	1843.0	1863.1	1899.3	1947.6
7.5°	1609.6	1601.5	1593.5	1577.4	1593.5	1601.5	1609.6	1621.6	1641.8	1673.9	1710.2
10°	1567.3	1569.3	1581.4	1579.4	1581.4	1569.3	1567.3	1563.3	1557.3	1563.3	1585.4
12.5°	1676.0	1694.1	1760.5	1756.4	1760.5	1694.1	1676.0	1595.5	1541.2	1531.1	1535.1
15°	1800.7	1806.7	1820.8	1822.8	1820.8	1806.7	1800.7	1768.5	1605.5	1535.1	1513.0
17.5°	1812.8	1814.8	1824.8	1824.8	1824.8	1814.8	1812.8	1798.7	1744.4	1649.8	1525.1
20°	1802.7	1806.7	1826.9	1830.9	1826.9	1806.7	1802.7	1784.6	1754.4	1720.2	1625.7
22.5°	1798.7	1806.7	1822.8	1820.8	1822.8	1806.7	1798.7	1770.5	1744.4	1720.2	1682.0
25°	1778.6	1778.6	1780.6	1782.6	1780.6	1778.6	1778.6	1756.4	1704.1	1698.1	1676.0
27.5°	1736.3	1740.3	1752.4	1750.4	1752.4	1740.3	1736.3	1728.3	1671.9	1665.9	1649.8
30°	1698.1	1694.1	1684.0	1676.0	1684.0	1694.1	1698.1	1686.0	1629.7	1613.6	1617.6
32.5°	1633.7	1623.6	1613.6	1607.6	1613.6	1623.6	1633.7	1629.7	1587.4	1565.3	1569.3
35°	1557.3	1559.3	1557.3	1551.2	1557.3	1559.3	1557.3	1561.3	1535.1	1515.0	1513.0
37.5°	1502.9	1507.0	1504.9	1496.9	1504.9	1507.0	1502.9	1498.9	1462.7	1456.7	1460.7
40°	1446.6	1448.6	1446.6	1440.6	1446.6	1448.6	1446.6	1438.5	1388.3	1390.3	1404.3
42.5°	1392.3	1390.3	1384.2	1380.2	1384.2	1390.3	1392.3	1380.2	1315.8	1309.8	1335.9
45°	1329.9	1331.9	1319.8	1313.8	1319.8	1331.9	1329.9	1321.9	1255.5	1239.4	1257.5
47.5°	1267.5	1267.5	1257.5	1251.4	1257.5	1267.5	1267.5	1257.5	1187.1	1171.0	1181.0
50°	1201.1	1199.1	1185.0	1183.0	1185.0	1199.1	1201.1	1195.1	1120.7	1106.6	1106.6
52.5°	1124.7	1124.7	1126.7	1130.7	1126.7	1124.7	1124.7	1126.7	1060.3	1046.2	1042.2
55°	1058.3	1060.3	1074.4	1078.4	1074.4	1060.3	1058.3	1058.3	997.9	983.8	975.8
57.5°	989.9	989.9	999.9	999.9	999.9	989.9	989.9	985.9	927.5	915.4	911.4
60°	911.4	915.4	923.5	921.5	923.5	915.4	911.4	907.4	857.1	849.0	835.0
62.5°	828.9	833.0	835.0	830.9	835.0	833.0	828.9	816.9	786.7	780.6	762.5
65°	742.4	746.4	748.4	744.4	748.4	746.4	742.4	736.4	714.2	704.2	688.1
67.5°	653.9	651.9	649.9	657.9	649.9	651.9	653.9	645.8	631.8	623.7	601.6
70°	563.3	563.3	561.3	565.4	561.3	563.3	563.3	557.3	549.3	543.2	523.1
72.5°	466.8	464.8	472.8	466.8	472.8	464.8	466.8	464.8	460.7	454.7	434.6
75°	372.2	376.2	372.2	378.2	372.2	376.2	372.2	374.2	372.2	368.2	354.1
77.5°	283.7	287.7	283.7	283.7	283.7	287.7	283.7	285.7	285.7	285.7	273.6
80°	201.2	199.2	199.2	197.2	199.2	199.2	201.2	201.2	203.2	199.2	195.2
82.5°	128.8	126.8	126.8	130.8	126.8	126.8	128.8	130.8	126.8	126.8	126.8
85°	70.4	72.4	68.4	68.4	68.4	72.4	70.4	66.4	70.4	70.4	68.4
87.5°	26.2	24.1	24.1	24.1	24.1	24.1	26.2	28.2	28.2	28.2	30.2
90°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	78.7	104.9	118.0	101.4
92.5°	295.1	283.4	236.4	189.5	236.4	283.4	295.1	418.3	582.6	664.8	583.7
95°	1001.9	966.3	824.1	681.9	824.1	966.3	1001.9	1315.6	1733.9	1943.1	1641.1
97.5°	2312.8	2245.1	1974.5	1703.9	1974.5	2245.1	2312.8	2511.1	2775.5	2907.7	2404.1
100°	3247.9	3167.3	2844.9	2522.5	2844.9	3167.3	3247.9	3233.4	3214.1	3204.4	2645.6
102.5°	4046.3	3977.3	3701.1	3425.0	3701.1	3977.3	4046.3	3793.6	3456.7	3288.3	2721.5
105°	4978.2	4941.1	4792.7	4644.3	4792.7	4941.1	4978.2	4411.8	3656.5	3278.9	2730.1
107.5°	5462.8	5471.8	5507.7	5543.6	5507.7	5471.8	5462.8	4672.7	3619.3	3092.6	2608.7
110°	5587.1	5625.8	5780.4	5935.0	5780.4	5625.8	5587.1	4703.8	3526.1	2937.2	2500.9



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	5507.9	5567.3	5804.7	6042.2	5804.7	5567.3	5507.9	4603.9	3398.6	2795.9	2406.9
115°	5239.2	5321.5	5650.8	5980.1	5650.8	5321.5	5239.2	4368.3	3207.2	2626.6	2299.0
117.5°	4867.9	4959.2	5324.4	5689.6	5324.4	4959.2	4867.9	4082.0	3034.1	2510.1	2231.5
120°	4617.9	4706.6	5061.4	5416.2	5061.4	4706.6	4617.9	3899.8	2942.3	2463.5	2208.8
122.5°	4367.8	4455.3	4805.3	5155.3	4805.3	4455.3	4367.8	3721.1	2858.9	2427.8	2196.9
125°	4036.9	4117.5	4439.9	4762.3	4439.9	4117.5	4036.9	3487.6	2755.1	2388.9	2187.0
127.5°	3771.3	3839.3	4111.3	4383.3	4111.3	3839.3	3771.3	3299.6	2670.7	2356.3	2181.3
130°	3603.6	3666.4	3917.7	4169.0	3917.7	3666.4	3603.6	3183.7	2623.8	2343.9	2184.8
132.5°	3460.7	3517.0	3742.0	3967.0	3742.0	3517.0	3460.7	3084.8	2583.6	2333.0	2187.0
135°	3258.8	3307.3	3501.2	3695.2	3501.2	3307.3	3258.8	2944.0	2524.3	2314.4	2185.0
137.5°	3109.6	3149.3	3308.1	3466.9	3308.1	3149.3	3109.6	2843.5	2488.7	2311.3	2198.4
140°	2990.0	3027.1	3175.6	3324.0	3175.6	3027.1	2990.0	2760.1	2453.6	2300.4	2200.6
142.5°	2906.2	2938.1	3065.8	3193.5	3065.8	2938.1	2906.2	2704.3	2435.0	2300.4	2208.6
145°	2780.3	2804.5	2901.1	2997.8	2901.1	2804.5	2780.3	2615.2	2395.0	2284.9	2208.6
147.5°	2674.7	2694.7	2774.8	2854.9	2774.8	2694.7	2674.7	2544.8	2371.5	2284.9	2223.8
150°	2614.1	2630.3	2695.3	2760.2	2695.3	2630.3	2614.1	2504.4	2358.1	2284.9	2231.7
152.5°	2566.0	2578.3	2627.3	2676.3	2627.3	2578.3	2566.0	2472.3	2347.4	2284.9	2236.9
155°	2508.5	2516.6	2549.1	2581.5	2549.1	2516.6	2508.5	2434.0	2334.6	2284.9	2248.3
157.5°	2458.8	2464.5	2487.3	2510.1	2487.3	2464.5	2458.8	2400.8	2323.5	2284.9	2259.7
160°	2434.0	2437.3	2450.4	2463.5	2450.4	2437.3	2434.0	2384.3	2318.0	2284.9	2264.9
162.5°	2410.7	2413.8	2426.2	2438.6	2426.2	2413.8	2410.7	2368.8	2312.9	2284.9	2270.4
165°	2374.9	2378.2	2391.3	2404.5	2391.3	2378.2	2374.9	2344.9	2304.9	2284.9	2278.3
167.5°	2359.4	2360.8	2366.3	2371.8	2366.3	2360.8	2359.4	2339.7	2313.5	2300.4	2294.9
170°	2359.4	2359.4	2359.4	2359.4	2359.4	2359.4	2359.4	2339.7	2313.5	2300.4	2300.0
172.5°	2347.0	2345.8	2340.9	2336.1	2340.9	2345.8	2347.0	2331.5	2310.8	2300.4	2300.4
175°	2329.9	2329.9	2329.9	2329.9	2329.9	2329.9	2329.9	2320.1	2307.0	2300.4	2303.5
177.5°	2326.8	2325.4	2319.9	2314.4	2319.9	2325.4	2326.8	2319.0	2308.7	2303.5	2305.9
180°	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4	2314.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2126.6	2126.6	2126.6	2126.6	2126.6
2.5°	2100.5	2110.5	2116.6	2124.6	2144.7
5°	2020.0	2058.2	2070.3	2100.5	2136.7
7.5°	1843.0	1959.6	1991.8	2064.3	2120.6
10°	1671.9	1788.6	1845.0	2016.0	2100.5
12.5°	1585.4	1653.8	1692.1	1931.5	2072.3
15°	1531.1	1579.4	1607.6	1818.8	2040.1
17.5°	1488.8	1523.1	1543.2	1708.2	1995.9
20°	1462.7	1478.8	1496.9	1627.7	1945.6
22.5°	1444.6	1434.5	1448.6	1571.3	1877.2
25°	1432.5	1394.3	1410.4	1527.1	1796.7
27.5°	1442.6	1358.1	1364.1	1486.8	1712.2
30°	1444.6	1313.8	1315.8	1444.6	1617.6
32.5°	1430.5	1267.5	1269.5	1392.3	1511.0
35°	1396.3	1213.2	1211.2	1331.9	1366.1
37.5°	1350.0	1154.9	1154.9	1265.5	1207.2
40°	1293.7	1096.5	1102.6	1179.0	1066.3
42.5°	1225.3	1034.1	1042.2	1064.3	961.7
45°	1150.8	973.8	979.8	899.3	881.2
47.5°	1068.3	911.4	913.4	746.4	855.1
50°	969.8	847.0	839.0	639.8	853.1
52.5°	883.2	776.6	752.5	579.4	774.6
55°	798.7	702.2	649.9	533.2	718.3
57.5°	724.3	605.6	555.3	478.8	706.2
60°	655.9	511.0	472.8	420.5	647.9
62.5°	599.6	440.6	432.6	380.3	587.5
65°	539.2	392.3	390.3	346.1	499.0
67.5°	480.9	360.1	358.1	313.9	380.3
70°	418.5	325.9	321.9	279.7	281.7
72.5°	354.1	287.7	283.7	251.5	233.4
75°	289.7	243.4	241.4	219.3	189.1
77.5°	227.4	193.1	197.2	177.1	138.8
80°	163.0	140.8	144.9	126.8	104.6
82.5°	108.6	92.6	96.6	80.5	70.4
85°	60.4	52.3	54.3	42.3	32.2
87.5°	28.2	24.1	24.1	16.1	10.1
90°	68.3	43.5	40.4	27.9	15.5
92.5°	421.5	299.8	273.4	167.7	62.1
95°	1037.0	584.0	535.7	342.4	149.1
97.5°	1396.9	641.5	598.9	428.3	257.8
100°	1527.9	689.7	651.0	496.4	341.7
102.5°	1588.0	737.8	701.7	557.5	413.2
105°	1632.5	809.3	778.7	656.5	534.3
107.5°	1640.8	914.9	886.4	772.5	658.6
110°	1628.3	973.9	948.2	845.3	742.5



TEST NUMBER: P935413
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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1628.8	1045.3	1020.8	922.8	824.8
115°	1643.9	1152.5	1129.9	1039.4	949.0
117.5°	1674.4	1256.6	1236.1	1153.9	1071.8
120°	1699.3	1317.2	1297.9	1220.5	1143.2
122.5°	1735.0	1388.6	1369.1	1291.1	1213.1
125°	1783.2	1480.3	1462.5	1391.4	1320.3
127.5°	1831.3	1568.8	1550.9	1479.1	1407.3
130°	1866.5	1627.8	1608.5	1531.2	1453.9
132.5°	1895.0	1676.0	1656.7	1579.3	1502.0
135°	1926.1	1731.9	1714.3	1643.9	1573.5
137.5°	1972.6	1803.3	1785.9	1716.2	1646.5
140°	2001.1	1851.5	1835.4	1771.2	1707.0
142.5°	2024.9	1887.2	1872.4	1813.0	1753.6
145°	2056.0	1941.6	1928.7	1876.9	1825.1
147.5°	2101.6	2009.9	1997.3	1946.9	1896.5
150°	2125.4	2045.7	2034.3	1988.7	1943.1
152.5°	2141.0	2069.0	2060.4	2025.8	1991.3
155°	2175.1	2120.2	2113.8	2088.3	2062.7
157.5°	2209.3	2171.5	2165.3	2140.4	2115.6
160°	2224.8	2194.8	2190.0	2170.6	2151.3
162.5°	2241.4	2219.6	2216.0	2201.5	2187.0
165°	2265.2	2255.3	2252.0	2238.9	2225.8
167.5°	2283.8	2275.5	2274.0	2267.8	2261.6
170°	2299.3	2298.8	2297.3	2291.1	2284.9
172.5°	2300.4	2300.4	2300.1	2298.7	2297.3
175°	2309.7	2314.4	2314.4	2314.4	2314.4
177.5°	2310.8	2314.4	2314.4	2314.4	2314.4
180°	2314.4	2314.4	2314.4	2314.4	2314.4



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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	8.70	9.39	9.83	10.51	12.08	11.55	12.24	12.69	13.36	14.93
	3H	9.16	9.78	10.31	10.91	12.49	12.89	13.51	14.03	14.64	16.22
	4H	9.35	9.93	10.50	11.06	12.65	13.33	13.91	14.48	15.05	16.64
	6H	9.46	9.99	10.62	11.13	12.73	13.61	14.15	14.77	15.28	16.88
	8H	9.45	9.96	10.61	11.11	12.70	13.68	14.20	14.85	15.35	16.94
	12H	9.42	9.90	10.58	11.05	12.66	13.72	14.20	14.89	15.35	16.96
4H	2H	9.72	10.30	10.87	11.43	13.02	11.94	12.52	13.10	13.66	15.24
	3H	10.73	11.21	11.89	12.37	13.97	13.43	13.92	14.60	15.08	16.68
	4H	11.00	11.44	12.16	12.59	14.21	13.96	14.41	15.12	15.55	17.17
	6H	11.11	11.49	12.28	12.66	14.27	14.32	14.70	15.49	15.87	17.48
	8H	11.11	11.47	12.28	12.63	14.26	14.43	14.78	15.60	15.94	17.57
	12H	11.07	11.40	12.26	12.57	14.20	14.48	14.80	15.66	15.97	17.61
8H	4H	11.44	11.80	12.61	12.96	14.58	14.07	14.43	15.24	15.59	17.21
	6H	11.69	11.99	12.88	13.19	14.81	14.50	14.80	15.69	16.00	17.62
	8H	11.73	11.99	12.93	13.17	14.82	14.66	14.91	15.85	16.10	17.74
	12H	11.71	11.94	12.91	13.11	14.79	14.75	14.98	15.95	16.16	17.83
12H	4H	11.44	11.76	12.62	12.93	14.56	14.02	14.35	15.21	15.52	17.15
	6H	11.75	12.01	12.95	13.19	14.83	14.50	14.76	15.69	15.94	17.58
	8H	11.81	12.04	13.01	13.22	14.89	14.66	14.88	15.85	16.06	17.74