

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: P936076

Luminaire Tested: SQ4-FA-150U-100D-940-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936076
REPORT IS A COMBINATION OF REPORTS P933780 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-100D-940-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

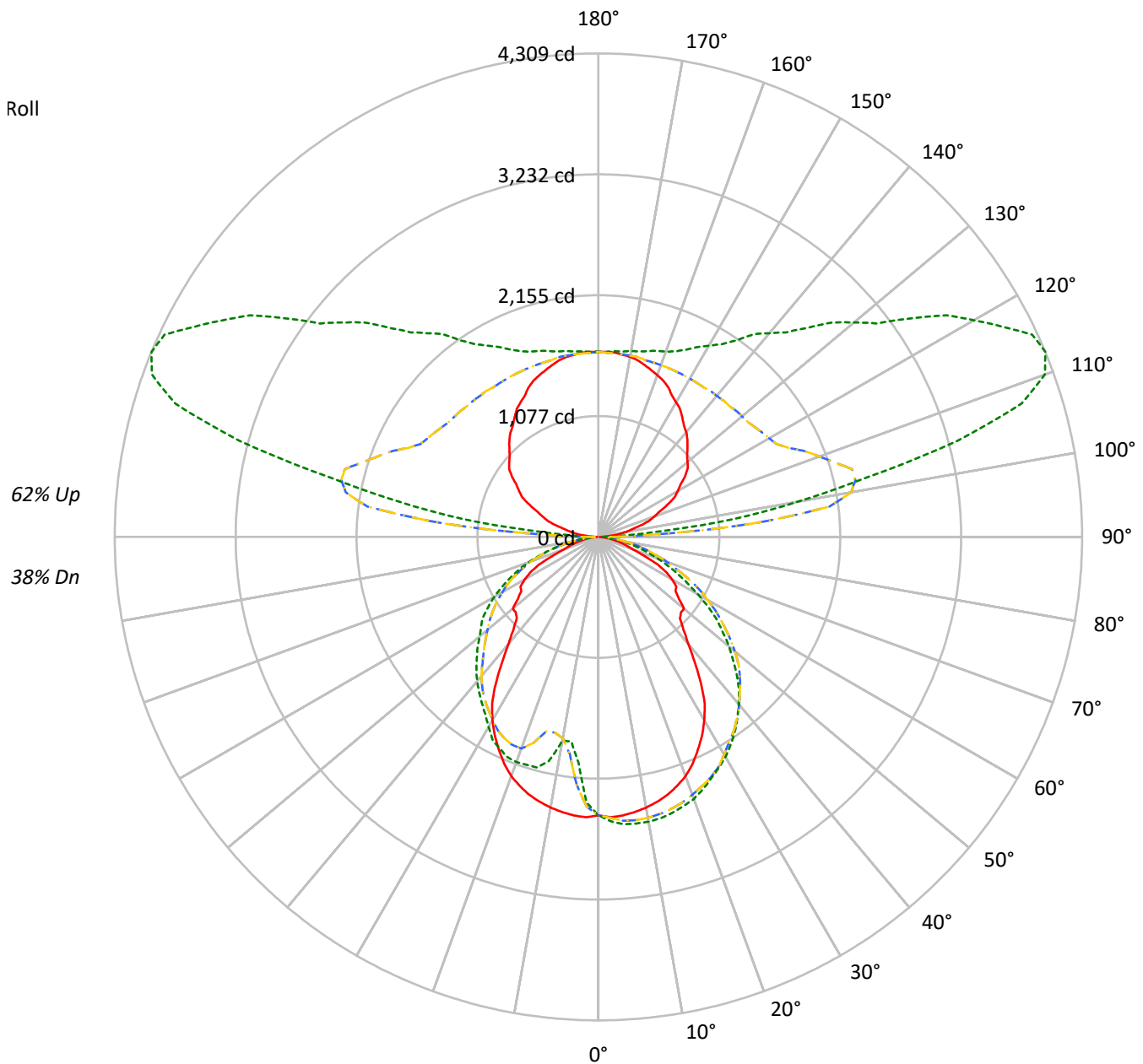
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17136.6 lumens
Efficiency: N/A
Efficacy: 118.3 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: Semi-Indirect

Input Watts (W): 144.8
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

TEST NUMBER: P936076
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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	104	104	104	104	94	94	94	94	76	76	76	60	60	60	45	45	45	38				38
1	95	91	87	84	86	83	79	76	67	65	63	53	51	50	40	39	38	32				32
2	87	79	73	68	78	72	67	63	59	55	52	46	44	42	35	33	32	27				27
3	79	70	62	57	71	63	57	52	52	47	44	41	38	35	31	29	27	23				23
4	72	62	54	48	65	56	49	44	46	41	37	36	33	30	28	25	23	19				19
5	66	55	47	41	60	50	43	38	41	36	32	33	29	26	25	22	20	17				17
6	61	49	41	35	55	45	38	33	37	32	28	29	26	23	22	20	18	15				15
7	56	44	36	31	51	40	34	29	33	28	24	27	23	20	20	18	16	13				13
8	52	40	32	27	47	37	30	25	30	25	21	24	21	18	19	16	14	12				12
9	48	36	29	24	44	33	27	22	28	23	19	22	19	16	17	15	13	10				10
10	45	33	26	21	41	31	24	20	25	21	17	21	17	14	16	13	11	9				9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11508	11508	11508	11508
5°	11593	11616	11593	9134
10°	11516	11442	11516	8181
15°	11391	11195	11391	9348
20°	11153	10901	11153	9368
25°	10665	10473	10665	9169
30°	10035	10117	10035	8733
35°	8945	9667	8945	8254
40°	7454	9138	7454	7892
45°	6661	8518	6661	7476
50°	7076	7778	7076	7059
55°	6657	6982	6657	6817
60°	6863	5930	6863	6243
65°	6221	4902	6221	5479
70°	4308	3907	4308	4593
75°	3778	2888	3778	3458
80°	3044	1909	3044	2079
85°	1751	1012	1751	859

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10208 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	223.9	1.3
10°-20°	635.7	3.7
20°-30°	982.6	5.7
30°-40°	1173.1	6.8
40°-50°	1179.9	6.9
50°-60°	1026.7	6.0
60°-70°	727.9	4.2
70°-80°	385.1	2.2
80°-90°	102.2	0.6
90°-100°	804.5	4.7
100°-110°	2115.2	12.3
110°-120°	2193.2	12.8
120°-130°	1759.2	10.3
130°-140°	1380.3	8.1
140°-150°	1059.5	6.2
150°-160°	763.0	4.5
160°-170°	466.8	2.7
170°-180°	157.7	0.9
0°-30°	1842.2	10.8
0°-40°	3015.3	17.6
0°-60°	5221.9	30.5
0°-90°	6437.2	37.6
90°-120°	5112.9	29.8
90°-150°	9311.9	54.3
90°-180°	10699.0	62.4
0°-180°	17136.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2480	2480	2480	2480	2480	
5°	2492	2569	2492	2020	2492	236
15°	2379	2546	2379	2126	2379	669
25°	2095	2375	2095	2079	2095	962
35°	1593	2119	1593	1809	1593	986
45°	1028	1746	1028	1532	1028	823
55°	838	1288	838	1258	838	770
65°	582	777	582	868	582	556
75°	221	368	221	441	221	232
85°	38	94	38	80	38	51
90°	11	42	11	42	11	11
95°	106	486	106	486	106	118
105°	381	3312	381	3312	381	404
115°	677	4265	677	4265	677	668
125°	942	3396	942	3396	942	836
135°	1122	2635	1122	2635	1122	868
145°	1302	2138	1302	2138	1302	815
155°	1471	1841	1471	1841	1471	676
165°	1587	1715	1587	1715	1587	448
175°	1650	1662	1650	1662	1650	157
180°	1650	1650	1650	1650	1650	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2501.4	2501.4	2515.4	2520.1	2520.1	2513.1	2506.1	2513.1	2534.3	2541.3	2539.0
5°	2492.0	2510.7	2536.6	2541.3	2546.0	2543.6	2539.0	2543.6	2567.1	2571.8	2574.1
7.5°	2473.3	2508.4	2541.3	2548.3	2555.4	2548.3	2546.0	2550.7	2574.1	2578.8	2578.8
10°	2449.7	2499.0	2536.6	2541.3	2548.3	2541.3	2541.3	2550.7	2574.1	2578.8	2581.1
12.5°	2416.9	2485.0	2520.1	2524.9	2534.3	2531.9	2529.6	2539.0	2562.4	2567.1	2567.1
15°	2379.4	2459.1	2492.0	2496.7	2513.1	2508.4	2508.4	2517.8	2543.6	2550.7	2548.3
17.5°	2327.7	2426.3	2463.8	2470.9	2482.6	2480.3	2482.6	2492.0	2515.4	2520.1	2522.5
20°	2269.1	2381.7	2426.3	2433.3	2445.1	2445.1	2445.1	2456.8	2480.3	2489.7	2489.7
22.5°	2189.3	2334.8	2381.7	2386.4	2400.4	2400.4	2405.1	2421.6	2442.7	2445.1	2445.1
25°	2095.4	2283.1	2323.0	2337.1	2351.2	2358.3	2365.3	2374.7	2381.7	2379.4	2381.7
27.5°	1996.8	2217.4	2269.1	2278.4	2297.3	2304.3	2313.7	2316.0	2318.4	2325.4	2320.7
30°	1886.6	2126.0	2203.4	2212.8	2243.3	2248.0	2238.6	2243.3	2255.0	2259.7	2264.4
32.5°	1762.2	1989.8	2135.4	2156.4	2184.6	2170.5	2168.1	2175.2	2194.0	2194.0	2198.7
35°	1593.2	1884.2	2072.0	2090.7	2111.8	2095.4	2104.8	2107.1	2118.9	2126.0	2123.6
37.5°	1407.9	1792.7	2006.3	2020.4	2036.8	2015.7	2029.7	2036.8	2046.1	2041.5	2041.5
40°	1243.6	1649.6	1928.8	1938.2	1952.3	1935.8	1950.0	1954.7	1959.4	1954.7	1952.3
42.5°	1121.6	1492.4	1846.7	1858.4	1849.1	1860.8	1865.5	1874.8	1867.8	1858.4	1858.4
45°	1027.8	1450.1	1757.5	1771.6	1757.5	1776.4	1783.4	1783.4	1762.2	1757.5	1755.2
47.5°	997.3	1365.7	1668.4	1668.4	1661.4	1684.8	1696.5	1680.1	1659.0	1651.9	1651.9
50°	994.9	1271.8	1546.4	1537.0	1569.8	1598.0	1586.2	1569.8	1553.4	1527.5	1527.5
52.5°	903.5	1156.8	1389.1	1424.4	1475.9	1492.4	1473.6	1457.2	1429.1	1417.3	1407.9
55°	837.7	1037.2	1246.0	1316.4	1370.4	1391.5	1356.2	1339.9	1297.6	1290.6	1285.9
57.5°	823.6	863.5	1114.6	1203.8	1269.5	1267.1	1246.0	1215.5	1180.3	1173.2	1170.9
60°	755.6	624.2	973.8	1079.4	1147.5	1140.4	1121.6	1093.5	1060.6	1055.9	1051.2
62.5°	685.2	452.9	814.2	933.9	1030.1	1027.8	1011.3	969.1	945.6	933.9	924.5
65°	581.9	380.2	579.6	776.7	915.2	919.8	884.6	854.2	828.3	814.2	811.9
67.5°	443.5	309.7	391.9	647.6	804.9	800.2	755.6	741.5	708.6	701.6	687.5
70°	328.5	206.5	272.2	525.6	696.9	685.2	650.0	633.6	603.0	586.6	577.2
72.5°	272.2	166.6	199.4	408.3	586.6	572.6	542.0	523.3	497.5	483.3	474.0
75°	220.6	176.0	152.6	302.7	476.3	467.0	438.8	420.0	398.9	380.2	382.5
77.5°	161.9	164.3	122.0	222.9	377.8	363.7	347.3	323.9	314.4	295.7	295.7
80°	122.0	129.0	91.6	152.6	272.2	272.2	258.1	241.7	225.3	215.9	215.9
82.5°	82.1	82.1	68.0	96.2	185.4	178.3	169.0	164.3	154.9	150.2	150.2
85°	37.6	46.9	42.3	58.7	100.9	105.6	105.6	100.9	98.6	93.9	96.2
87.5°	11.7	21.1	25.8	32.9	51.6	54.0	56.3	56.3	56.3	58.7	58.7
90°	11.1	20.0	28.8	31.0	48.8	72.4	84.2	74.9	56.1	42.1	42.1
92.5°	44.3	119.6	195.0	213.8	300.6	416.3	474.1	415.5	298.4	210.5	202.1
95°	106.4	244.2	382.0	416.5	739.5	1170.3	1385.7	1236.5	938.3	714.5	689.1
97.5°	183.9	305.5	427.1	457.5	996.2	1714.6	2073.7	1979.4	1790.8	1649.4	1601.2
100°	243.7	354.0	464.2	491.9	1089.7	1886.6	2285.2	2292.1	2305.9	2316.2	2258.7
102.5°	294.6	397.6	500.4	526.1	1132.5	1940.8	2345.0	2465.2	2705.4	2885.6	2836.4
105°	381.0	468.2	555.4	577.1	1164.2	1946.9	2338.4	2607.7	3146.3	3550.2	3523.8
107.5°	469.7	550.9	632.1	652.4	1170.1	1860.4	2205.4	2581.1	3332.4	3895.8	3902.2
110°	529.5	602.9	676.2	694.5	1161.2	1783.5	2094.7	2514.6	3354.5	3984.5	4012.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	588.2	658.1	728.0	745.5	1161.6	1716.4	1993.8	2423.6	3283.2	3927.9	3970.2
115°	676.8	741.3	805.8	821.9	1172.3	1639.5	1873.1	2287.1	3115.2	3736.3	3795.0
117.5°	764.3	822.9	881.5	896.2	1194.1	1591.4	1790.0	2163.7	2911.0	3471.5	3536.6
120°	815.3	870.4	925.6	939.3	1211.9	1575.1	1756.8	2098.3	2781.1	3293.2	3356.5
122.5°	865.1	920.8	976.4	990.3	1237.3	1566.7	1731.3	2038.8	2653.7	3114.8	3177.3
125°	941.5	992.3	1043.0	1055.7	1271.6	1559.6	1703.6	1964.8	2487.1	2878.9	2936.3
127.5°	1003.6	1054.8	1106.0	1118.8	1306.0	1555.6	1680.4	1904.6	2353.1	2689.5	2738.0
130°	1036.8	1092.0	1147.1	1160.9	1331.1	1558.0	1671.5	1871.1	2270.4	2569.9	2614.7
132.5°	1071.2	1126.3	1181.5	1195.2	1351.4	1559.7	1663.8	1842.4	2199.8	2467.9	2508.1
135°	1122.1	1172.3	1222.6	1235.1	1373.6	1558.2	1650.4	1800.2	2099.5	2324.0	2358.5
137.5°	1174.2	1223.9	1273.6	1286.0	1406.8	1567.8	1648.3	1774.8	2027.8	2217.6	2245.9
140°	1217.4	1263.2	1308.9	1320.4	1427.1	1569.4	1640.5	1749.8	1968.4	2132.4	2158.8
142.5°	1250.6	1292.9	1335.3	1345.9	1444.1	1575.0	1640.5	1736.5	1928.5	2072.5	2095.2
145°	1301.5	1338.5	1375.4	1384.7	1466.3	1575.0	1629.4	1707.9	1865.0	1982.8	2000.0
147.5°	1352.5	1388.5	1424.4	1433.4	1498.8	1585.9	1629.4	1691.2	1814.7	1907.4	1921.7
150°	1385.7	1418.2	1450.7	1458.8	1515.6	1591.5	1629.4	1681.6	1785.9	1864.3	1875.8
152.5°	1420.1	1444.7	1469.4	1475.5	1526.8	1595.2	1629.4	1674.0	1763.0	1829.9	1838.6
155°	1471.1	1489.3	1507.5	1512.0	1551.2	1603.3	1629.4	1664.8	1735.8	1789.0	1794.7
157.5°	1508.7	1526.5	1544.1	1548.6	1575.5	1611.5	1629.4	1657.0	1712.2	1753.5	1757.6
160°	1534.2	1548.0	1561.7	1565.2	1586.6	1615.1	1629.4	1653.0	1700.3	1735.8	1738.1
162.5°	1559.7	1570.0	1580.4	1582.9	1598.4	1619.1	1629.4	1649.4	1689.2	1719.2	1721.4
165°	1587.3	1596.6	1606.0	1608.3	1615.4	1624.7	1629.4	1643.7	1672.3	1693.7	1696.0
167.5°	1612.8	1617.2	1621.7	1622.8	1628.7	1636.6	1640.5	1649.8	1668.6	1682.6	1683.6
170°	1629.4	1633.8	1638.3	1639.4	1639.8	1640.2	1640.5	1649.8	1668.6	1682.6	1682.6
172.5°	1638.3	1639.2	1640.2	1640.5	1640.5	1640.5	1640.5	1647.9	1662.6	1673.7	1672.8
175°	1650.4	1650.4	1650.4	1650.4	1647.2	1642.7	1640.5	1645.2	1654.5	1661.5	1661.5
177.5°	1650.4	1650.4	1650.4	1650.4	1647.9	1644.4	1642.7	1646.4	1653.8	1659.3	1658.3
180°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2543.6	2536.6	2543.6	2539.0	2541.3	2534.3	2513.1	2506.1	2513.1	2520.1	2520.1
5°	2574.1	2569.4	2574.1	2574.1	2571.8	2567.1	2543.6	2539.0	2543.6	2546.0	2541.3
7.5°	2583.5	2576.4	2583.5	2578.8	2578.8	2574.1	2550.7	2546.0	2548.3	2555.4	2548.3
10°	2583.5	2576.4	2583.5	2581.1	2578.8	2574.1	2550.7	2541.3	2541.3	2548.3	2541.3
12.5°	2571.8	2567.1	2571.8	2567.1	2567.1	2562.4	2539.0	2529.6	2531.9	2534.3	2524.9
15°	2553.0	2546.0	2553.0	2548.3	2550.7	2543.6	2517.8	2508.4	2508.4	2513.1	2496.7
17.5°	2524.9	2515.4	2524.9	2522.5	2520.1	2515.4	2492.0	2482.6	2480.3	2482.6	2470.9
20°	2492.0	2485.0	2492.0	2489.7	2489.7	2480.3	2456.8	2445.1	2445.1	2445.1	2433.3
22.5°	2440.4	2433.3	2440.4	2445.1	2445.1	2442.7	2421.6	2405.1	2400.4	2400.4	2386.4
25°	2381.7	2374.7	2381.7	2381.7	2379.4	2381.7	2374.7	2365.3	2358.3	2351.2	2337.1
27.5°	2325.4	2320.7	2325.4	2320.7	2325.4	2318.4	2316.0	2313.7	2304.3	2297.3	2278.4
30°	2269.1	2264.4	2269.1	2264.4	2259.7	2255.0	2243.3	2238.6	2248.0	2243.3	2212.8
32.5°	2198.7	2194.0	2198.7	2198.7	2194.0	2194.0	2175.2	2168.1	2170.5	2184.6	2156.4
35°	2126.0	2118.9	2126.0	2123.6	2126.0	2118.9	2107.1	2104.8	2095.4	2111.8	2090.7
37.5°	2041.5	2034.4	2041.5	2041.5	2041.5	2046.1	2036.8	2029.7	2015.7	2036.8	2020.4
40°	1954.7	1945.3	1954.7	1952.3	1954.7	1959.4	1954.7	1950.0	1935.8	1952.3	1938.2
42.5°	1856.1	1853.8	1856.1	1858.4	1858.4	1867.8	1874.8	1865.5	1860.8	1849.1	1858.4
45°	1750.5	1745.8	1750.5	1755.2	1757.5	1762.2	1783.4	1783.4	1776.4	1757.5	1771.6
47.5°	1637.8	1626.1	1637.8	1651.9	1651.9	1659.0	1680.1	1696.5	1684.8	1661.4	1668.4
50°	1518.2	1520.5	1518.2	1527.5	1527.5	1553.4	1569.8	1586.2	1598.0	1569.8	1537.0
52.5°	1400.9	1398.5	1400.9	1407.9	1417.3	1429.1	1457.2	1473.6	1492.4	1475.9	1424.4
55°	1283.5	1288.2	1283.5	1285.9	1290.6	1297.6	1339.9	1356.2	1391.5	1370.4	1316.4
57.5°	1166.2	1159.2	1166.2	1170.9	1173.2	1180.3	1215.5	1246.0	1267.1	1269.5	1203.8
60°	1030.1	1020.8	1030.1	1051.2	1055.9	1060.6	1093.5	1121.6	1140.4	1147.5	1079.4
62.5°	910.5	894.0	910.5	924.5	933.9	945.6	969.1	1011.3	1027.8	1030.1	933.9
65°	783.7	776.7	783.7	811.9	814.2	828.3	854.2	884.6	919.8	915.2	776.7
67.5°	668.8	668.8	668.8	687.5	701.6	708.6	741.5	755.6	800.2	804.9	647.6
70°	563.2	560.9	563.2	577.2	586.6	603.0	633.6	650.0	685.2	696.9	525.6
72.5°	462.3	459.9	462.3	474.0	483.3	497.5	523.3	542.0	572.6	586.6	408.3
75°	373.1	368.4	373.1	382.5	380.2	398.9	420.0	438.8	467.0	476.3	302.7
77.5°	286.3	286.3	286.3	295.7	295.7	314.4	323.9	347.3	363.7	377.8	222.9
80°	213.6	211.2	213.6	215.9	215.9	225.3	241.7	258.1	272.2	272.2	152.6
82.5°	150.2	145.5	150.2	150.2	150.2	154.9	164.3	169.0	178.3	185.4	96.2
85°	93.9	93.9	93.9	96.2	93.9	98.6	100.9	105.6	105.6	100.9	58.7
87.5°	61.0	58.7	61.0	58.7	58.7	56.3	56.3	56.3	54.0	51.6	32.9
90°	42.1	42.1	42.1	42.1	42.1	56.1	74.9	84.2	72.4	48.8	31.0
92.5°	168.6	135.2	168.6	202.1	210.5	298.4	415.5	474.1	416.3	300.6	213.8
95°	587.7	486.3	587.7	689.1	714.5	938.3	1236.5	1385.7	1170.3	739.5	416.5
97.5°	1408.1	1215.1	1408.1	1601.2	1649.4	1790.8	1979.4	2073.7	1714.6	996.2	457.5
100°	2028.8	1798.9	2028.8	2258.7	2316.2	2305.9	2292.1	2285.2	1886.6	1089.7	491.9
102.5°	2639.4	2442.5	2639.4	2836.4	2885.6	2705.4	2465.2	2345.0	1940.8	1132.5	526.1
105°	3417.9	3312.1	3417.9	3523.8	3550.2	3146.3	2607.7	2338.4	1946.9	1164.2	577.1
107.5°	3927.8	3953.4	3927.8	3902.2	3895.8	3332.4	2581.1	2205.4	1860.4	1170.1	652.4
110°	4122.3	4232.6	4122.3	4012.0	3984.5	3354.5	2514.6	2094.7	1783.5	1161.2	694.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4139.6	4308.9	4139.6	3970.2	3927.9	3283.2	2423.6	1993.8	1716.4	1161.6	745.5
115°	4029.8	4264.6	4029.8	3795.0	3736.3	3115.2	2287.1	1873.1	1639.5	1172.3	821.9
117.5°	3797.1	4057.5	3797.1	3536.6	3471.5	2911.0	2163.7	1790.0	1591.4	1194.1	896.2
120°	3609.5	3862.5	3609.5	3356.5	3293.2	2781.1	2098.3	1756.8	1575.1	1211.9	939.3
122.5°	3426.9	3676.5	3426.9	3177.3	3114.8	2653.7	2038.8	1731.3	1566.7	1237.3	990.3
125°	3166.3	3396.2	3166.3	2936.3	2878.9	2487.1	1964.8	1703.6	1559.6	1271.6	1055.7
127.5°	2932.0	3125.9	2932.0	2738.0	2689.5	2353.1	1904.6	1680.4	1555.6	1306.0	1118.8
130°	2793.9	2973.1	2793.9	2614.7	2569.9	2270.4	1871.1	1671.5	1558.0	1331.1	1160.9
132.5°	2668.5	2829.1	2668.5	2508.1	2467.9	2199.8	1842.4	1663.8	1559.7	1351.4	1195.2
135°	2496.9	2635.2	2496.9	2358.5	2324.0	2099.5	1800.2	1650.4	1558.2	1373.6	1235.1
137.5°	2359.1	2472.4	2359.1	2245.9	2217.6	2027.8	1774.8	1648.3	1567.8	1406.8	1286.0
140°	2264.7	2370.5	2264.7	2158.8	2132.4	1968.4	1749.8	1640.5	1569.4	1427.1	1320.4
142.5°	2186.3	2277.5	2186.3	2095.2	2072.5	1928.5	1736.5	1640.5	1575.0	1444.1	1345.9
145°	2069.0	2137.9	2069.0	2000.0	1982.8	1865.0	1707.9	1629.4	1575.0	1466.3	1384.7
147.5°	1978.8	2035.9	1978.8	1921.7	1907.4	1814.7	1691.2	1629.4	1585.9	1498.8	1433.4
150°	1922.2	1968.4	1922.2	1875.8	1864.3	1785.9	1681.6	1629.4	1591.5	1515.6	1458.8
152.5°	1873.6	1908.6	1873.6	1838.6	1829.9	1763.0	1674.0	1629.4	1595.2	1526.8	1475.5
155°	1817.9	1841.0	1817.9	1794.7	1789.0	1735.8	1664.8	1629.4	1603.3	1551.2	1512.0
157.5°	1773.8	1790.0	1773.8	1757.6	1753.5	1712.2	1657.0	1629.4	1611.5	1575.5	1548.6
160°	1747.5	1756.8	1747.5	1738.1	1735.8	1700.3	1653.0	1629.4	1615.1	1586.6	1565.2
162.5°	1730.2	1739.1	1730.2	1721.4	1719.2	1689.2	1649.4	1629.4	1619.1	1598.4	1582.9
165°	1705.4	1714.7	1705.4	1696.0	1693.7	1672.3	1643.7	1629.4	1624.7	1615.4	1608.3
167.5°	1687.6	1691.5	1687.6	1683.6	1682.6	1668.6	1649.8	1640.5	1636.6	1628.7	1622.8
170°	1682.6	1682.6	1682.6	1682.6	1682.6	1668.6	1649.8	1640.5	1640.2	1639.8	1639.4
172.5°	1669.4	1666.0	1669.4	1672.8	1673.7	1662.6	1647.9	1640.5	1640.5	1640.5	1640.5
175°	1661.5	1661.5	1661.5	1661.5	1661.5	1654.5	1645.2	1640.5	1642.7	1647.2	1650.4
177.5°	1654.3	1650.4	1654.3	1658.3	1659.3	1653.8	1646.4	1642.7	1644.4	1647.9	1650.4
180°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2515.4	2501.4	2501.4	2478.0	2468.6	2461.5	2449.7	2414.6	2405.1	2395.8	2409.9
5°	2536.6	2510.7	2492.0	2449.7	2414.6	2400.4	2355.9	2271.4	2215.1	2172.8	2149.4
7.5°	2541.3	2508.4	2473.3	2407.5	2323.0	2285.5	2149.4	1994.5	1952.3	1914.8	1891.3
10°	2536.6	2499.0	2449.7	2351.2	2151.7	2086.1	1950.0	1849.1	1823.2	1816.2	1823.2
12.5°	2520.1	2485.0	2416.9	2252.7	1973.4	1928.8	1849.1	1790.4	1785.7	1797.4	1860.8
15°	2492.0	2459.1	2379.4	2121.3	1874.8	1842.0	1785.7	1764.5	1790.4	1872.5	2062.6
17.5°	2463.8	2426.3	2327.7	1992.2	1799.8	1776.4	1736.4	1778.7	1924.1	2034.4	2097.8
20°	2426.3	2381.7	2269.1	1898.4	1745.8	1724.7	1705.9	1896.0	2006.3	2046.1	2081.4
22.5°	2381.7	2334.8	2189.3	1832.7	1689.5	1673.1	1684.8	1961.7	2006.3	2034.4	2065.0
25°	2323.0	2283.1	2095.4	1781.0	1644.9	1626.1	1670.7	1954.7	1980.4	1987.5	2048.5
27.5°	2269.1	2217.4	1996.8	1734.1	1590.9	1583.9	1682.5	1924.1	1942.9	1950.0	2015.7
30°	2203.4	2126.0	1886.6	1684.8	1534.6	1532.2	1684.8	1886.6	1881.9	1900.7	1966.4
32.5°	2135.4	1989.8	1762.2	1623.8	1480.7	1478.3	1668.4	1830.3	1825.6	1851.4	1900.7
35°	2072.0	1884.2	1593.2	1553.4	1412.6	1414.9	1628.5	1764.5	1766.9	1790.4	1820.9
37.5°	2006.3	1792.7	1407.9	1475.9	1346.9	1346.9	1574.5	1703.5	1698.9	1705.9	1748.1
40°	1928.8	1649.6	1243.6	1375.1	1285.9	1278.8	1508.8	1637.8	1621.4	1619.1	1677.8
42.5°	1846.7	1492.4	1121.6	1241.3	1215.5	1206.1	1429.1	1558.1	1527.5	1534.6	1609.7
45°	1757.5	1450.1	1027.8	1048.9	1142.8	1135.8	1342.2	1466.5	1445.5	1464.2	1541.7
47.5°	1668.4	1365.7	997.3	870.6	1065.3	1062.9	1246.0	1377.4	1365.7	1384.5	1466.5
50°	1546.4	1271.8	994.9	746.2	978.5	987.9	1131.0	1290.6	1290.6	1307.0	1393.8
52.5°	1389.1	1156.8	903.5	675.8	877.6	905.8	1030.1	1215.5	1220.2	1236.6	1314.1
55°	1246.0	1037.2	837.7	621.9	757.9	818.9	931.6	1138.1	1147.5	1163.9	1234.2
57.5°	1114.6	863.5	823.6	558.5	647.6	706.3	844.8	1062.9	1067.6	1081.8	1149.8
60°	973.8	624.2	755.6	490.4	551.4	596.0	764.9	973.8	990.2	999.6	1058.3
62.5°	814.2	452.9	685.2	443.5	504.5	513.9	699.3	889.3	910.5	917.5	952.6
65°	579.6	380.2	581.9	403.6	455.2	457.6	628.9	802.5	821.3	833.0	858.8
67.5°	391.9	309.7	443.5	366.0	417.7	420.0	560.9	701.6	727.4	736.8	753.2
70°	272.2	206.5	328.5	326.2	375.4	380.2	488.0	610.1	633.6	640.6	650.0
72.5°	199.4	166.6	272.2	293.3	330.9	335.6	413.0	506.9	530.3	537.3	542.0
75°	152.6	176.0	220.6	255.7	281.6	283.9	337.9	413.0	429.4	434.1	436.5
77.5°	122.0	164.3	161.9	206.5	230.0	225.3	265.2	319.1	333.2	333.2	333.2
80°	91.6	129.0	122.0	147.9	169.0	164.3	190.0	227.6	232.3	237.0	234.6
82.5°	68.0	82.1	82.1	93.9	112.6	108.0	126.7	147.9	147.9	147.9	152.6
85°	42.3	46.9	37.6	49.3	63.3	61.0	70.4	79.7	82.1	82.1	77.4
87.5°	25.8	21.1	11.7	18.7	28.1	28.1	32.9	35.2	32.9	32.9	32.9
90°	28.8	20.0	11.1	20.0	28.8	31.0	48.8	72.4	84.2	74.9	56.1
92.5°	195.0	119.6	44.3	119.6	195.0	213.8	300.6	416.3	474.1	415.5	298.4
95°	382.0	244.2	106.4	244.2	382.0	416.5	739.5	1170.3	1385.7	1236.5	938.3
97.5°	427.1	305.5	183.9	305.5	427.1	457.5	996.2	1714.6	2073.7	1979.4	1790.8
100°	464.2	354.0	243.7	354.0	464.2	491.9	1089.7	1886.6	2285.2	2292.1	2305.9
102.5°	500.4	397.6	294.6	397.6	500.4	526.1	1132.5	1940.8	2345.0	2465.2	2705.4
105°	555.4	468.2	381.0	468.2	555.4	577.1	1164.2	1946.9	2338.4	2607.7	3146.3
107.5°	632.1	550.9	469.7	550.9	632.1	652.4	1170.1	1860.4	2205.4	2581.1	3332.4
110°	676.2	602.9	529.5	602.9	676.2	694.5	1161.2	1783.5	2094.7	2514.6	3354.5



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	728.0	658.1	588.2	658.1	728.0	745.5	1161.6	1716.4	1993.8	2423.6	3283.2
115°	805.8	741.3	676.8	741.3	805.8	821.9	1172.3	1639.5	1873.1	2287.1	3115.2
117.5°	881.5	822.9	764.3	822.9	881.5	896.2	1194.1	1591.4	1790.0	2163.7	2911.0
120°	925.6	870.4	815.3	870.4	925.6	939.3	1211.9	1575.1	1756.8	2098.3	2781.1
122.5°	976.4	920.8	865.1	920.8	976.4	990.3	1237.3	1566.7	1731.3	2038.8	2653.7
125°	1043.0	992.3	941.5	992.3	1043.0	1055.7	1271.6	1559.6	1703.6	1964.8	2487.1
127.5°	1106.0	1054.8	1003.6	1054.8	1106.0	1118.8	1306.0	1555.6	1680.4	1904.6	2353.1
130°	1147.1	1092.0	1036.8	1092.0	1147.1	1160.9	1331.1	1558.0	1671.5	1871.1	2270.4
132.5°	1181.5	1126.3	1071.2	1126.3	1181.5	1195.2	1351.4	1559.7	1663.8	1842.4	2199.8
135°	1222.6	1172.3	1122.1	1172.3	1222.6	1235.1	1373.6	1558.2	1650.4	1800.2	2099.5
137.5°	1273.6	1223.9	1174.2	1223.9	1273.6	1286.0	1406.8	1567.8	1648.3	1774.8	2027.8
140°	1308.9	1263.2	1217.4	1263.2	1308.9	1320.4	1427.1	1569.4	1640.5	1749.8	1968.4
142.5°	1335.3	1292.9	1250.6	1292.9	1335.3	1345.9	1444.1	1575.0	1640.5	1736.5	1928.5
145°	1375.4	1338.5	1301.5	1338.5	1375.4	1384.7	1466.3	1575.0	1629.4	1707.9	1865.0
147.5°	1424.4	1388.5	1352.5	1388.5	1424.4	1433.4	1498.8	1585.9	1629.4	1691.2	1814.7
150°	1450.7	1418.2	1385.7	1418.2	1450.7	1458.8	1515.6	1591.5	1629.4	1681.6	1785.9
152.5°	1469.4	1444.7	1420.1	1444.7	1469.4	1475.5	1526.8	1595.2	1629.4	1674.0	1763.0
155°	1507.5	1489.3	1471.1	1489.3	1507.5	1512.0	1551.2	1603.3	1629.4	1664.8	1735.8
157.5°	1544.1	1526.5	1508.7	1526.5	1544.1	1548.6	1575.5	1611.5	1629.4	1657.0	1712.2
160°	1561.7	1548.0	1534.2	1548.0	1561.7	1565.2	1586.6	1615.1	1629.4	1653.0	1700.3
162.5°	1580.4	1570.0	1559.7	1570.0	1580.4	1582.9	1598.4	1619.1	1629.4	1649.4	1689.2
165°	1606.0	1596.6	1587.3	1596.6	1606.0	1608.3	1615.4	1624.7	1629.4	1643.7	1672.3
167.5°	1621.7	1617.2	1612.8	1617.2	1621.7	1622.8	1628.7	1636.6	1640.5	1649.8	1668.6
170°	1638.3	1633.8	1629.4	1633.8	1638.3	1639.4	1639.8	1640.2	1640.5	1649.8	1668.6
172.5°	1640.2	1639.2	1638.3	1639.2	1640.2	1640.5	1640.5	1640.5	1640.5	1647.9	1662.6
175°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1647.2	1642.7	1640.5	1645.2	1654.5
177.5°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1647.9	1644.4	1642.7	1646.4	1653.8
180°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4



TEST NUMBER: P936076
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2393.4	2386.4	2395.8	2370.0	2395.8	2386.4	2393.4	2409.9	2395.8	2405.1	2414.6
5°	2100.1	2088.4	2050.8	2020.4	2050.8	2088.4	2100.1	2149.4	2172.8	2215.1	2271.4
7.5°	1877.2	1867.8	1858.4	1839.7	1858.4	1867.8	1877.2	1891.3	1914.8	1952.3	1994.5
10°	1827.9	1830.3	1844.4	1842.0	1844.4	1830.3	1827.9	1823.2	1816.2	1823.2	1849.1
12.5°	1954.7	1975.8	2053.2	2048.5	2053.2	1975.8	1954.7	1860.8	1797.4	1785.7	1790.4
15°	2100.1	2107.1	2123.6	2126.0	2123.6	2107.1	2100.1	2062.6	1872.5	1790.4	1764.5
17.5°	2114.2	2116.5	2128.3	2128.3	2128.3	2116.5	2114.2	2097.8	2034.4	1924.1	1778.7
20°	2102.5	2107.1	2130.7	2135.4	2130.7	2107.1	2102.5	2081.4	2046.1	2006.3	1896.0
22.5°	2097.8	2107.1	2126.0	2123.6	2126.0	2107.1	2097.8	2065.0	2034.4	2006.3	1961.7
25°	2074.3	2074.3	2076.7	2079.0	2076.7	2074.3	2074.3	2048.5	1987.5	1980.4	1954.7
27.5°	2025.1	2029.7	2043.8	2041.5	2043.8	2029.7	2025.1	2015.7	1950.0	1942.9	1924.1
30°	1980.4	1975.8	1964.0	1954.7	1964.0	1975.8	1980.4	1966.4	1900.7	1881.9	1886.6
32.5°	1905.4	1893.7	1881.9	1874.8	1881.9	1893.7	1905.4	1900.7	1851.4	1825.6	1830.3
35°	1816.2	1818.5	1816.2	1809.1	1816.2	1818.5	1816.2	1820.9	1790.4	1766.9	1764.5
37.5°	1752.8	1757.5	1755.2	1745.8	1755.2	1757.5	1752.8	1748.1	1705.9	1698.9	1703.5
40°	1687.1	1689.5	1687.1	1680.1	1687.1	1689.5	1687.1	1677.8	1619.1	1621.4	1637.8
42.5°	1623.8	1621.4	1614.4	1609.7	1614.4	1621.4	1623.8	1609.7	1534.6	1527.5	1558.1
45°	1551.1	1553.4	1539.3	1532.2	1539.3	1553.4	1551.1	1541.7	1464.2	1445.5	1466.5
47.5°	1478.3	1478.3	1466.5	1459.5	1466.5	1478.3	1478.3	1466.5	1384.5	1365.7	1377.4
50°	1400.9	1398.5	1382.1	1379.8	1382.1	1398.5	1400.9	1393.8	1307.0	1290.6	1290.6
52.5°	1311.7	1311.7	1314.1	1318.8	1314.1	1311.7	1311.7	1314.1	1236.6	1220.2	1215.5
55°	1234.2	1236.6	1253.1	1257.8	1253.1	1236.6	1234.2	1234.2	1163.9	1147.5	1138.1
57.5°	1154.5	1154.5	1166.2	1166.2	1166.2	1154.5	1154.5	1149.8	1081.8	1067.6	1062.9
60°	1062.9	1067.6	1077.1	1074.7	1077.1	1067.6	1062.9	1058.3	999.6	990.2	973.8
62.5°	966.8	971.5	973.8	969.1	973.8	971.5	966.8	952.6	917.5	910.5	889.3
65°	865.9	870.6	872.9	868.2	872.9	870.6	865.9	858.8	833.0	821.3	802.5
67.5°	762.6	760.3	757.9	767.3	757.9	760.3	762.6	753.2	736.8	727.4	701.6
70°	657.0	657.0	654.6	659.3	654.6	657.0	657.0	650.0	640.6	633.6	610.1
72.5°	544.4	542.0	551.4	544.4	551.4	542.0	544.4	542.0	537.3	530.3	506.9
75°	434.1	438.8	434.1	441.2	434.1	438.8	434.1	436.5	434.1	429.4	413.0
77.5°	330.9	335.6	330.9	330.9	330.9	335.6	330.9	333.2	333.2	333.2	319.1
80°	234.6	232.3	232.3	230.0	232.3	232.3	234.6	234.6	237.0	232.3	227.6
82.5°	150.2	147.9	147.9	152.6	147.9	147.9	150.2	152.6	147.9	147.9	147.9
85°	82.1	84.4	79.7	79.7	79.7	84.4	82.1	77.4	82.1	82.1	79.7
87.5°	30.5	28.1	28.1	28.1	28.1	28.1	30.5	32.9	32.9	32.9	35.2
90°	42.1	42.1	42.1	42.1	42.1	42.1	42.1	56.1	74.9	84.2	72.4
92.5°	210.5	202.1	168.6	135.2	168.6	202.1	210.5	298.4	415.5	474.1	416.3
95°	714.5	689.1	587.7	486.3	587.7	689.1	714.5	938.3	1236.5	1385.7	1170.3
97.5°	1649.4	1601.2	1408.1	1215.1	1408.1	1601.2	1649.4	1790.8	1979.4	2073.7	1714.6
100°	2316.2	2258.7	2028.8	1798.9	2028.8	2258.7	2316.2	2305.9	2292.1	2285.2	1886.6
102.5°	2885.6	2836.4	2639.4	2442.5	2639.4	2836.4	2885.6	2705.4	2465.2	2345.0	1940.8
105°	3550.2	3523.8	3417.9	3312.1	3417.9	3523.8	3550.2	3146.3	2607.7	2338.4	1946.9
107.5°	3895.8	3902.2	3927.8	3953.4	3927.8	3902.2	3895.8	3332.4	2581.1	2205.4	1860.4
110°	3984.5	4012.0	4122.3	4232.6	4122.3	4012.0	3984.5	3354.5	2514.6	2094.7	1783.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3927.9	3970.2	4139.6	4308.9	4139.6	3970.2	3927.9	3283.2	2423.6	1993.8	1716.4
115°	3736.3	3795.0	4029.8	4264.6	4029.8	3795.0	3736.3	3115.2	2287.1	1873.1	1639.5
117.5°	3471.5	3536.6	3797.1	4057.5	3797.1	3536.6	3471.5	2911.0	2163.7	1790.0	1591.4
120°	3293.2	3356.5	3609.5	3862.5	3609.5	3356.5	3293.2	2781.1	2098.3	1756.8	1575.1
122.5°	3114.8	3177.3	3426.9	3676.5	3426.9	3177.3	3114.8	2653.7	2038.8	1731.3	1566.7
125°	2878.9	2936.3	3166.3	3396.2	3166.3	2936.3	2878.9	2487.1	1964.8	1703.6	1559.6
127.5°	2689.5	2738.0	2932.0	3125.9	2932.0	2738.0	2689.5	2353.1	1904.6	1680.4	1555.6
130°	2569.9	2614.7	2793.9	2973.1	2793.9	2614.7	2569.9	2270.4	1871.1	1671.5	1558.0
132.5°	2467.9	2508.1	2668.5	2829.1	2668.5	2508.1	2467.9	2199.8	1842.4	1663.8	1559.7
135°	2324.0	2358.5	2496.9	2635.2	2496.9	2358.5	2324.0	2099.5	1800.2	1650.4	1558.2
137.5°	2217.6	2245.9	2359.1	2472.4	2359.1	2245.9	2217.6	2027.8	1774.8	1648.3	1567.8
140°	2132.4	2158.8	2264.7	2370.5	2264.7	2158.8	2132.4	1968.4	1749.8	1640.5	1569.4
142.5°	2072.5	2095.2	2186.3	2277.5	2186.3	2095.2	2072.5	1928.5	1736.5	1640.5	1575.0
145°	1982.8	2000.0	2069.0	2137.9	2069.0	2000.0	1982.8	1865.0	1707.9	1629.4	1575.0
147.5°	1907.4	1921.7	1978.8	2035.9	1978.8	1921.7	1907.4	1814.7	1691.2	1629.4	1585.9
150°	1864.3	1875.8	1922.2	1968.4	1922.2	1875.8	1864.3	1785.9	1681.6	1629.4	1591.5
152.5°	1829.9	1838.6	1873.6	1908.6	1873.6	1838.6	1829.9	1763.0	1674.0	1629.4	1595.2
155°	1789.0	1794.7	1817.9	1841.0	1817.9	1794.7	1789.0	1735.8	1664.8	1629.4	1603.3
157.5°	1753.5	1757.6	1773.8	1790.0	1773.8	1757.6	1753.5	1712.2	1657.0	1629.4	1611.5
160°	1735.8	1738.1	1747.5	1756.8	1747.5	1738.1	1735.8	1700.3	1653.0	1629.4	1615.1
162.5°	1719.2	1721.4	1730.2	1739.1	1730.2	1721.4	1719.2	1689.2	1649.4	1629.4	1619.1
165°	1693.7	1696.0	1705.4	1714.7	1705.4	1696.0	1693.7	1672.3	1643.7	1629.4	1624.7
167.5°	1682.6	1683.6	1687.6	1691.5	1687.6	1683.6	1682.6	1668.6	1649.8	1640.5	1636.6
170°	1682.6	1682.6	1682.6	1682.6	1682.6	1682.6	1682.6	1668.6	1649.8	1640.5	1640.2
172.5°	1673.7	1672.8	1669.4	1666.0	1669.4	1672.8	1673.7	1662.6	1647.9	1640.5	1640.5
175°	1661.5	1661.5	1661.5	1661.5	1661.5	1661.5	1661.5	1654.5	1645.2	1640.5	1642.7
177.5°	1659.3	1658.3	1654.3	1650.4	1654.3	1658.3	1659.3	1653.8	1646.4	1642.7	1644.4
180°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2449.7	2461.5	2468.6	2478.0	2501.4
5°	2355.9	2400.4	2414.6	2449.7	2492.0
7.5°	2149.4	2285.5	2323.0	2407.5	2473.3
10°	1950.0	2086.1	2151.7	2351.2	2449.7
12.5°	1849.1	1928.8	1973.4	2252.7	2416.9
15°	1785.7	1842.0	1874.8	2121.3	2379.4
17.5°	1736.4	1776.4	1799.8	1992.2	2327.7
20°	1705.9	1724.7	1745.8	1898.4	2269.1
22.5°	1684.8	1673.1	1689.5	1832.7	2189.3
25°	1670.7	1626.1	1644.9	1781.0	2095.4
27.5°	1682.5	1583.9	1590.9	1734.1	1996.8
30°	1684.8	1532.2	1534.6	1684.8	1886.6
32.5°	1668.4	1478.3	1480.7	1623.8	1762.2
35°	1628.5	1414.9	1412.6	1553.4	1593.2
37.5°	1574.5	1346.9	1346.9	1475.9	1407.9
40°	1508.8	1278.8	1285.9	1375.1	1243.6
42.5°	1429.1	1206.1	1215.5	1241.3	1121.6
45°	1342.2	1135.8	1142.8	1048.9	1027.8
47.5°	1246.0	1062.9	1065.3	870.6	997.3
50°	1131.0	987.9	978.5	746.2	994.9
52.5°	1030.1	905.8	877.6	675.8	903.5
55°	931.6	818.9	757.9	621.9	837.7
57.5°	844.8	706.3	647.6	558.5	823.6
60°	764.9	596.0	551.4	490.4	755.6
62.5°	699.3	513.9	504.5	443.5	685.2
65°	628.9	457.6	455.2	403.6	581.9
67.5°	560.9	420.0	417.7	366.0	443.5
70°	488.0	380.2	375.4	326.2	328.5
72.5°	413.0	335.6	330.9	293.3	272.2
75°	337.9	283.9	281.6	255.7	220.6
77.5°	265.2	225.3	230.0	206.5	161.9
80°	190.0	164.3	169.0	147.9	122.0
82.5°	126.7	108.0	112.6	93.9	82.1
85°	70.4	61.0	63.3	49.3	37.6
87.5°	32.9	28.1	28.1	18.7	11.7
90°	48.8	31.0	28.8	20.0	11.1
92.5°	300.6	213.8	195.0	119.6	44.3
95°	739.5	416.5	382.0	244.2	106.4
97.5°	996.2	457.5	427.1	305.5	183.9
100°	1089.7	491.9	464.2	354.0	243.7
102.5°	1132.5	526.1	500.4	397.6	294.6
105°	1164.2	577.1	555.4	468.2	381.0
107.5°	1170.1	652.4	632.1	550.9	469.7
110°	1161.2	694.5	676.2	602.9	529.5



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1161.6	745.5	728.0	658.1	588.2
115°	1172.3	821.9	805.8	741.3	676.8
117.5°	1194.1	896.2	881.5	822.9	764.3
120°	1211.9	939.3	925.6	870.4	815.3
122.5°	1237.3	990.3	976.4	920.8	865.1
125°	1271.6	1055.7	1043.0	992.3	941.5
127.5°	1306.0	1118.8	1106.0	1054.8	1003.6
130°	1331.1	1160.9	1147.1	1092.0	1036.8
132.5°	1351.4	1195.2	1181.5	1126.3	1071.2
135°	1373.6	1235.1	1222.6	1172.3	1122.1
137.5°	1406.8	1286.0	1273.6	1223.9	1174.2
140°	1427.1	1320.4	1308.9	1263.2	1217.4
142.5°	1444.1	1345.9	1335.3	1292.9	1250.6
145°	1466.3	1384.7	1375.4	1338.5	1301.5
147.5°	1498.8	1433.4	1424.4	1388.5	1352.5
150°	1515.6	1458.8	1450.7	1418.2	1385.7
152.5°	1526.8	1475.5	1469.4	1444.7	1420.1
155°	1551.2	1512.0	1507.5	1489.3	1471.1
157.5°	1575.5	1548.6	1544.1	1526.5	1508.7
160°	1586.6	1565.2	1561.7	1548.0	1534.2
162.5°	1598.4	1582.9	1580.4	1570.0	1559.7
165°	1615.4	1608.3	1606.0	1596.6	1587.3
167.5°	1628.7	1622.8	1621.7	1617.2	1612.8
170°	1639.8	1639.4	1638.3	1633.8	1629.4
172.5°	1640.5	1640.5	1640.2	1639.2	1638.3
175°	1647.2	1650.4	1650.4	1650.4	1650.4
177.5°	1647.9	1650.4	1650.4	1650.4	1650.4
180°	1650.4	1650.4	1650.4	1650.4	1650.4



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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	12.02	12.78	13.08	13.84	15.28	14.86	15.62	15.92	16.68	18.12
	3H	12.49	13.17	13.56	14.24	15.70	16.20	16.88	17.27	17.95	19.41
	4H	12.68	13.32	13.76	14.39	15.86	16.64	17.29	17.72	18.36	19.82
	6H	12.79	13.39	13.88	14.46	15.94	16.92	17.52	18.01	18.59	20.07
	8H	12.79	13.35	13.88	14.45	15.91	17.00	17.56	18.09	18.65	20.12
	12H	12.76	13.29	13.85	14.38	15.87	17.03	17.57	18.13	18.65	20.15
4H	2H	13.04	13.69	14.13	14.76	16.22	15.26	15.90	16.34	16.97	18.44
	3H	14.06	14.60	15.15	15.70	17.17	16.76	17.29	17.85	18.39	19.87
	4H	14.33	14.83	15.43	15.92	17.41	17.28	17.77	18.38	18.86	20.36
	6H	14.45	14.88	15.56	15.99	17.48	17.64	18.07	18.75	19.18	20.67
	8H	14.46	14.85	15.56	15.95	17.46	17.75	18.14	18.85	19.25	20.75
	12H	14.42	14.78	15.54	15.89	17.40	17.80	18.16	18.92	19.27	20.79
8H	4H	14.78	15.18	15.89	16.28	17.79	17.40	17.79	18.50	18.90	20.40
	6H	15.04	15.36	16.16	16.51	18.01	17.83	18.16	18.96	19.30	20.81
	8H	15.08	15.36	16.21	16.49	18.01	17.98	18.27	19.12	19.40	20.92
	12H	15.06	15.31	16.20	16.43	17.99	18.08	18.33	19.22	19.45	21.01
12H	4H	14.78	15.14	15.90	16.26	17.77	17.36	17.71	18.48	18.83	20.34
	6H	15.10	15.38	16.23	16.51	18.03	17.83	18.11	18.96	19.24	20.76
	8H	15.16	15.41	16.30	16.53	18.09	17.99	18.24	19.12	19.36	20.92