

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: P935427

Luminaire Tested: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-12-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935427
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-92765-1D-UNV-STD-W-12-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

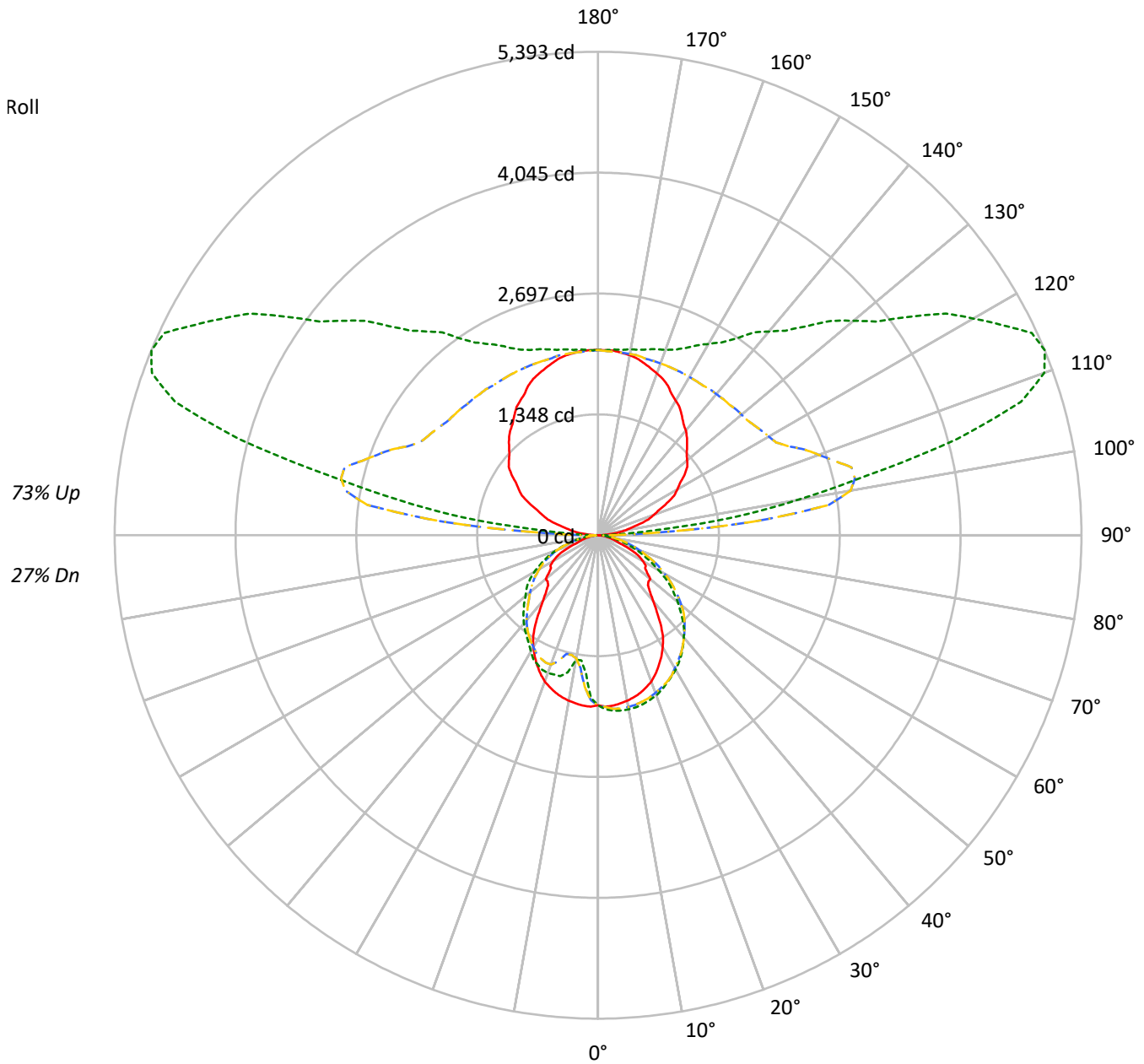
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18321.9 lumens
Efficiency: N/A
Efficacy: 128.3 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				
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			27
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29	23			23
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25	19			19
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21	16			16
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18	14			14
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16	12			12
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14	10			10
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12	9			9
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11	8			8
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10	7			7
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9	7			7

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5871	5871	5871	5871
5°	5918	5927	5918	4660
10°	5880	5838	5880	4174
15°	5818	5712	5818	4770
20°	5699	5562	5699	4780
25°	5452	5344	5452	4678
30°	5132	5162	5132	4456
35°	4578	4933	4578	4211
40°	3816	4662	3816	4027
45°	3412	4346	3412	3814
50°	3628	3969	3628	3601
55°	3417	3563	3417	3478
60°	3527	3026	3527	3186
65°	3203	2501	3203	2796
70°	2224	1994	2224	2344
75°	1956	1474	1956	1764
80°	1589	975	1589	1061
85°	930	516	930	439

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5227 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.4	0.9
10°-20°	486.5	2.7
20°-30°	752.1	4.1
30°-40°	897.8	4.9
40°-50°	903.1	4.9
50°-60°	785.8	4.3
60°-70°	557.1	3.0
70°-80°	294.8	1.6
80°-90°	81.3	0.4
90°-100°	1007.0	5.5
100°-110°	2647.5	14.4
110°-120°	2745.1	15.0
120°-130°	2201.9	12.0
130°-140°	1727.7	9.4
140°-150°	1326.1	7.2
150°-160°	955.0	5.2
160°-170°	584.3	3.2
170°-180°	197.4	1.1
0°-30°	1409.9	7.7
0°-40°	2307.8	12.6
0°-60°	3996.6	21.8
0°-90°	4929.8	26.9
90°-120°	6399.6	34.9
90°-150°	11655.4	63.6
90°-180°	13392.0	73.1
0°-180°	18321.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1898	1898	1898	1898	1898	
5°	1907	1966	1907	1546	1907	181
15°	1821	1949	1821	1627	1821	512
25°	1604	1818	1604	1591	1604	736
35°	1219	1622	1219	1385	1219	754
45°	787	1336	787	1173	787	630
55°	641	986	641	963	641	589
65°	445	594	445	664	445	426
75°	169	282	169	338	169	177
85°	29	72	29	61	29	39
90°	14	53	14	53	14	13
95°	133	609	133	609	133	148
105°	477	4146	477	4146	477	506
115°	847	5338	847	5338	847	837
125°	1178	4251	1178	4251	1178	1046
135°	1404	3298	1404	3298	1404	1087
145°	1629	2676	1629	2676	1629	1021
155°	1841	2304	1841	2304	1841	846
165°	1987	2146	1987	2146	1987	561
175°	2066	2080	2066	2080	2066	196
180°	2066	2066	2066	2066	2066	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2
2.5°	1914.4	1914.4	1925.2	1928.8	1928.8	1923.4	1918.1	1923.4	1939.6	1944.9	1943.1
5°	1907.3	1921.6	1941.4	1944.9	1948.6	1946.8	1943.1	1946.8	1964.7	1968.3	1970.1
7.5°	1892.9	1919.8	1944.9	1950.4	1955.7	1950.4	1948.6	1952.2	1970.1	1973.7	1973.7
10°	1874.9	1912.6	1941.4	1944.9	1950.4	1944.9	1944.9	1952.2	1970.1	1973.7	1975.5
12.5°	1849.8	1901.9	1928.8	1932.4	1939.6	1937.8	1936.0	1943.1	1961.2	1964.7	1964.7
15°	1821.0	1882.1	1907.3	1910.8	1923.4	1919.8	1919.8	1927.0	1946.8	1952.2	1950.4
17.5°	1781.6	1857.0	1885.7	1891.1	1900.1	1898.2	1900.1	1907.3	1925.2	1928.8	1930.6
20°	1736.7	1822.8	1857.0	1862.4	1871.4	1871.4	1871.4	1880.3	1898.2	1905.5	1905.5
22.5°	1675.6	1786.9	1822.8	1826.5	1837.2	1837.2	1840.9	1853.3	1869.5	1871.4	1871.4
25°	1603.8	1747.4	1777.9	1788.7	1799.5	1804.9	1810.3	1817.5	1822.8	1821.0	1822.8
27.5°	1528.3	1697.1	1736.7	1743.8	1758.2	1763.5	1770.8	1772.6	1774.4	1779.7	1776.1
30°	1443.9	1627.1	1686.3	1693.6	1716.9	1720.5	1713.3	1716.9	1725.9	1729.5	1733.0
32.5°	1348.7	1522.9	1634.3	1650.5	1672.0	1661.3	1659.4	1664.8	1679.2	1679.2	1682.8
35°	1219.4	1442.1	1585.8	1600.2	1616.4	1603.8	1610.9	1612.7	1621.7	1627.1	1625.3
37.5°	1077.6	1372.0	1535.5	1546.3	1558.9	1542.7	1553.4	1558.9	1566.0	1562.4	1562.4
40°	951.8	1262.5	1476.2	1483.4	1494.2	1481.7	1492.4	1496.0	1499.6	1496.0	1494.2
42.5°	858.4	1142.2	1413.4	1422.4	1415.2	1424.2	1427.7	1435.0	1429.5	1422.4	1422.4
45°	786.6	1109.9	1345.2	1355.9	1345.2	1359.5	1364.9	1364.9	1348.7	1345.2	1343.3
47.5°	763.3	1045.3	1276.9	1276.9	1271.5	1289.5	1298.4	1285.9	1269.8	1264.3	1264.3
50°	761.5	973.4	1183.5	1176.3	1201.5	1223.0	1214.1	1201.5	1188.9	1169.2	1169.2
52.5°	691.4	885.4	1063.2	1090.2	1129.6	1142.2	1127.8	1115.2	1093.7	1084.7	1077.6
55°	641.2	793.8	953.6	1007.5	1048.8	1065.0	1038.0	1025.4	993.1	987.8	984.2
57.5°	630.4	660.9	853.1	921.3	971.6	969.8	953.6	930.3	903.3	898.0	896.2
60°	578.3	477.7	745.3	826.1	878.2	872.8	858.4	836.9	811.7	808.2	804.6
62.5°	524.4	346.6	623.1	714.8	788.4	786.6	774.1	741.7	723.7	714.8	707.6
65°	445.4	290.9	443.6	594.5	700.4	704.0	677.1	653.8	633.9	623.1	621.4
67.5°	339.5	237.1	299.9	495.7	616.0	612.4	578.3	567.5	542.4	537.0	526.2
70°	251.5	158.1	208.3	402.3	533.4	524.4	497.5	484.9	461.6	449.0	441.8
72.5°	208.3	127.5	152.6	312.5	449.0	438.2	414.9	400.5	380.7	370.0	362.8
75°	168.8	134.7	116.8	231.6	364.5	357.4	335.8	321.4	305.3	290.9	292.7
77.5°	123.9	125.7	93.4	170.6	289.1	278.4	265.8	247.9	240.7	226.3	226.3
80°	93.4	98.8	70.1	116.8	208.3	208.3	197.5	185.0	172.4	165.2	165.2
82.5°	62.8	62.8	52.0	73.6	141.8	136.5	129.3	125.7	118.5	115.0	115.0
85°	28.7	35.9	32.3	44.9	77.2	80.8	80.8	77.2	75.4	71.9	73.6
87.5°	9.0	16.2	19.7	25.2	39.5	41.3	43.1	43.1	43.1	44.9	44.9
90°	13.8	24.9	36.1	38.8	61.0	90.5	105.3	93.6	70.2	52.7	52.7
92.5°	55.4	149.7	244.0	267.6	376.2	521.0	593.4	520.0	373.4	263.4	253.0
95°	133.1	305.6	478.2	521.3	925.6	1464.9	1734.4	1547.7	1174.3	894.3	862.5
97.5°	230.1	382.3	534.6	572.6	1246.9	2145.9	2595.5	2477.5	2241.5	2064.5	2004.0
100°	305.0	443.1	581.1	615.6	1363.8	2361.5	2860.3	2869.0	2886.2	2899.1	2827.2
102.5°	368.8	497.6	626.4	658.6	1417.5	2429.3	2935.2	3085.5	3386.2	3611.8	3550.2
105°	476.9	586.0	695.1	722.4	1457.2	2436.9	2926.8	3263.9	3938.1	4443.6	4410.5
107.5°	587.9	689.5	791.2	816.7	1464.6	2328.6	2760.5	3230.7	4170.9	4876.2	4884.2
110°	662.8	754.5	846.4	869.3	1453.5	2232.4	2621.8	3147.5	4198.7	4987.2	5021.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	736.2	823.7	911.2	933.1	1453.9	2148.4	2495.7	3033.7	4109.5	4916.5	4969.5
115°	847.1	927.8	1008.6	1028.7	1467.4	2052.1	2344.6	2862.8	3899.2	4676.6	4750.1
117.5°	956.7	1030.0	1103.4	1121.7	1494.6	1991.9	2240.6	2708.3	3643.7	4345.2	4426.7
120°	1020.4	1089.4	1158.5	1175.8	1516.8	1971.6	2199.0	2626.4	3481.0	4122.0	4201.2
122.5°	1082.8	1152.5	1222.1	1239.5	1548.7	1961.0	2167.1	2551.9	3321.5	3898.8	3976.9
125°	1178.5	1242.0	1305.5	1321.3	1591.7	1952.2	2132.4	2459.3	3113.1	3603.4	3675.4
127.5°	1256.2	1320.3	1384.4	1400.3	1634.7	1947.1	2103.3	2383.9	2945.3	3366.3	3427.0
130°	1297.8	1366.8	1435.8	1453.0	1666.1	1950.2	2092.2	2342.1	2841.8	3216.6	3272.7
132.5°	1340.7	1409.7	1478.8	1496.0	1691.5	1952.2	2082.5	2306.2	2753.6	3089.1	3139.3
135°	1404.5	1467.4	1530.2	1545.9	1719.3	1950.4	2065.9	2253.2	2627.9	2908.9	2952.2
137.5°	1469.7	1531.9	1594.1	1609.7	1760.8	1962.3	2063.1	2221.5	2538.2	2775.7	2811.1
140°	1523.7	1581.0	1638.3	1652.7	1786.2	1964.3	2053.4	2190.1	2463.7	2668.9	2702.1
142.5°	1565.3	1618.3	1671.3	1684.6	1807.5	1971.4	2053.4	2173.5	2413.9	2594.1	2622.6
145°	1629.1	1675.4	1721.6	1733.1	1835.2	1971.4	2039.5	2137.8	2334.4	2481.8	2503.4
147.5°	1692.9	1737.8	1782.8	1794.1	1875.9	1985.0	2039.5	2116.8	2271.5	2387.5	2405.3
150°	1734.4	1775.2	1815.9	1826.0	1897.2	1992.1	2039.5	2104.9	2235.5	2333.4	2347.9
152.5°	1777.5	1808.3	1839.2	1846.8	1911.1	1996.7	2039.5	2095.3	2206.8	2290.5	2301.4
155°	1841.2	1864.1	1886.8	1892.5	1941.5	2006.9	2039.5	2083.9	2172.6	2239.1	2246.4
157.5°	1888.4	1910.6	1932.8	1938.3	1972.1	2017.1	2039.5	2074.0	2143.0	2194.8	2199.9
160°	1920.3	1937.5	1954.8	1959.1	1985.9	2021.7	2039.5	2069.1	2128.3	2172.6	2175.6
162.5°	1952.2	1965.1	1978.0	1981.3	2000.7	2026.6	2039.5	2064.5	2114.4	2151.8	2154.6
165°	1986.8	1998.5	2010.2	2013.1	2022.0	2033.7	2039.5	2057.4	2093.1	2119.9	2122.8
167.5°	2018.7	2024.3	2029.8	2031.2	2038.6	2048.5	2053.4	2065.1	2088.5	2106.0	2107.3
170°	2039.5	2045.1	2050.6	2052.0	2052.4	2053.0	2053.4	2065.1	2088.5	2106.0	2106.0
172.5°	2050.6	2051.9	2053.1	2053.4	2053.4	2053.4	2053.4	2062.7	2081.1	2095.0	2093.9
175°	2065.9	2065.9	2065.9	2065.9	2061.7	2056.2	2053.4	2059.3	2071.0	2079.7	2079.7
177.5°	2065.9	2065.9	2065.9	2065.9	2062.7	2058.3	2056.2	2060.8	2070.0	2076.9	2075.7
180°	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2
2.5°	1946.8	1941.4	1946.8	1943.1	1944.9	1939.6	1923.4	1918.1	1923.4	1928.8	1928.8
5°	1970.1	1966.5	1970.1	1970.1	1968.3	1964.7	1946.8	1943.1	1946.8	1948.6	1944.9
7.5°	1977.3	1971.9	1977.3	1973.7	1973.7	1970.1	1952.2	1948.6	1950.4	1955.7	1950.4
10°	1977.3	1971.9	1977.3	1975.5	1973.7	1970.1	1952.2	1944.9	1944.9	1950.4	1944.9
12.5°	1968.3	1964.7	1968.3	1964.7	1964.7	1961.2	1943.1	1936.0	1937.8	1939.6	1932.4
15°	1953.9	1948.6	1953.9	1950.4	1952.2	1946.8	1927.0	1919.8	1919.8	1923.4	1910.8
17.5°	1932.4	1925.2	1932.4	1930.6	1928.8	1925.2	1907.3	1900.1	1898.2	1900.1	1891.1
20°	1907.3	1901.9	1907.3	1905.5	1905.5	1898.2	1880.3	1871.4	1871.4	1871.4	1862.4
22.5°	1867.7	1862.4	1867.7	1871.4	1871.4	1869.5	1853.3	1840.9	1837.2	1837.2	1826.5
25°	1822.8	1817.5	1822.8	1822.8	1821.0	1822.8	1817.5	1810.3	1804.9	1799.5	1788.7
27.5°	1779.7	1776.1	1779.7	1776.1	1779.7	1774.4	1772.6	1770.8	1763.5	1758.2	1743.8
30°	1736.7	1733.0	1736.7	1733.0	1729.5	1725.9	1716.9	1713.3	1720.5	1716.9	1693.6
32.5°	1682.8	1679.2	1682.8	1682.8	1679.2	1679.2	1664.8	1659.4	1661.3	1672.0	1650.5
35°	1627.1	1621.7	1627.1	1625.3	1627.1	1621.7	1612.7	1610.9	1603.8	1616.4	1600.2
37.5°	1562.4	1557.1	1562.4	1562.4	1562.4	1566.0	1558.9	1553.4	1542.7	1558.9	1546.3
40°	1496.0	1488.8	1496.0	1494.2	1496.0	1499.6	1496.0	1492.4	1481.7	1494.2	1483.4
42.5°	1420.6	1418.7	1420.6	1422.4	1422.4	1429.5	1435.0	1427.7	1424.2	1415.2	1422.4
45°	1339.7	1336.2	1339.7	1343.3	1345.2	1348.7	1364.9	1364.9	1359.5	1345.2	1355.9
47.5°	1253.5	1244.6	1253.5	1264.3	1264.3	1269.8	1285.9	1298.4	1289.5	1271.5	1276.9
50°	1161.9	1163.7	1161.9	1169.2	1169.2	1188.9	1201.5	1214.1	1223.0	1201.5	1176.3
52.5°	1072.1	1070.3	1072.1	1077.6	1084.7	1093.7	1115.2	1127.8	1142.2	1129.6	1090.2
55°	982.3	986.0	982.3	984.2	987.8	993.1	1025.4	1038.0	1065.0	1048.8	1007.5
57.5°	892.5	887.2	892.5	896.2	898.0	903.3	930.3	953.6	969.8	971.6	921.3
60°	788.4	781.2	788.4	804.6	808.2	811.7	836.9	858.4	872.8	878.2	826.1
62.5°	696.8	684.3	696.8	707.6	714.8	723.7	741.7	774.1	786.6	788.4	714.8
65°	599.8	594.5	599.8	621.4	623.1	633.9	653.8	677.1	704.0	700.4	594.5
67.5°	511.8	511.8	511.8	526.2	537.0	542.4	567.5	578.3	612.4	616.0	495.7
70°	431.0	429.3	431.0	441.8	449.0	461.6	484.9	497.5	524.4	533.4	402.3
72.5°	353.8	352.0	353.8	362.8	370.0	380.7	400.5	414.9	438.2	449.0	312.5
75°	285.5	282.0	285.5	292.7	290.9	305.3	321.4	335.8	357.4	364.5	231.6
77.5°	219.1	219.1	219.1	226.3	226.3	240.7	247.9	265.8	278.4	289.1	170.6
80°	163.4	161.7	163.4	165.2	165.2	172.4	185.0	197.5	208.3	208.3	116.8
82.5°	115.0	111.3	115.0	115.0	115.0	118.5	125.7	129.3	136.5	141.8	73.6
85°	71.9	71.9	71.9	73.6	71.9	75.4	77.2	80.8	80.8	77.2	44.9
87.5°	46.7	44.9	46.7	44.9	44.9	43.1	43.1	43.1	41.3	39.5	25.2
90°	52.7	52.7	52.7	52.7	52.7	70.2	93.6	105.3	90.5	61.0	38.8
92.5°	211.0	169.2	211.0	253.0	263.4	373.4	520.0	593.4	521.0	376.2	267.6
95°	735.6	608.7	735.6	862.5	894.3	1174.3	1547.7	1734.4	1464.9	925.6	521.3
97.5°	1762.5	1520.9	1762.5	2004.0	2064.5	2241.5	2477.5	2595.5	2145.9	1246.9	572.6
100°	2539.4	2251.6	2539.4	2827.2	2899.1	2886.2	2869.0	2860.3	2361.5	1363.8	615.6
102.5°	3303.7	3057.2	3303.7	3550.2	3611.8	3386.2	3085.5	2935.2	2429.3	1417.5	658.6
105°	4278.1	4145.6	4278.1	4410.5	4443.6	3938.1	3263.9	2926.8	2436.9	1457.2	722.4
107.5°	4916.3	4948.3	4916.3	4884.2	4876.2	4170.9	3230.7	2760.5	2328.6	1464.6	816.7
110°	5159.7	5297.7	5159.7	5021.7	4987.2	4198.7	3147.5	2621.8	2232.4	1453.5	869.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5181.4	5393.4	5181.4	4969.5	4916.5	4109.5	3033.7	2495.7	2148.4	1453.9	933.1
115°	5044.0	5338.0	5044.0	4750.1	4676.6	3899.2	2862.8	2344.6	2052.1	1467.4	1028.7
117.5°	4752.7	5078.7	4752.7	4426.7	4345.2	3643.7	2708.3	2240.6	1991.9	1494.6	1121.7
120°	4517.9	4834.6	4517.9	4201.2	4122.0	3481.0	2626.4	2199.0	1971.6	1516.8	1175.8
122.5°	4289.3	4601.7	4289.3	3976.9	3898.8	3321.5	2551.9	2167.1	1961.0	1548.7	1239.5
125°	3963.1	4250.9	3963.1	3675.4	3603.4	3113.1	2459.3	2132.4	1952.2	1591.7	1321.3
127.5°	3669.8	3912.6	3669.8	3427.0	3366.3	2945.3	2383.9	2103.3	1947.1	1634.7	1400.3
130°	3497.0	3721.3	3497.0	3272.7	3216.6	2841.8	2342.1	2092.2	1950.2	1666.1	1453.0
132.5°	3340.2	3541.0	3340.2	3139.3	3089.1	2753.6	2306.2	2082.5	1952.2	1691.5	1496.0
135°	3125.2	3298.4	3125.2	2952.2	2908.9	2627.9	2253.2	2065.9	1950.4	1719.3	1545.9
137.5°	2952.9	3094.6	2952.9	2811.1	2775.7	2538.2	2221.5	2063.1	1962.3	1760.8	1609.7
140°	2834.6	2967.1	2834.6	2702.1	2668.9	2463.7	2190.1	2053.4	1964.3	1786.2	1652.7
142.5°	2736.6	2850.6	2736.6	2622.6	2594.1	2413.9	2173.5	2053.4	1971.4	1807.5	1684.6
145°	2589.6	2675.9	2589.6	2503.4	2481.8	2334.4	2137.8	2039.5	1971.4	1835.2	1733.1
147.5°	2476.8	2548.3	2476.8	2405.3	2387.5	2271.5	2116.8	2039.5	1985.0	1875.9	1794.1
150°	2405.9	2463.8	2405.9	2347.9	2333.4	2235.5	2104.9	2039.5	1992.1	1897.2	1826.0
152.5°	2345.2	2388.9	2345.2	2301.4	2290.5	2206.8	2095.3	2039.5	1996.7	1911.1	1846.8
155°	2275.4	2304.3	2275.4	2246.4	2239.1	2172.6	2083.9	2039.5	2006.9	1941.5	1892.5
157.5°	2220.2	2240.6	2220.2	2199.9	2194.8	2143.0	2074.0	2039.5	2017.1	1972.1	1938.3
160°	2187.3	2199.0	2187.3	2175.6	2172.6	2128.3	2069.1	2039.5	2021.7	1985.9	1959.1
162.5°	2165.7	2176.7	2165.7	2154.6	2151.8	2114.4	2064.5	2039.5	2026.6	2000.7	1981.3
165°	2134.5	2146.3	2134.5	2122.8	2119.9	2093.1	2057.4	2039.5	2033.7	2022.0	2013.1
167.5°	2112.2	2117.1	2112.2	2107.3	2106.0	2088.5	2065.1	2053.4	2048.5	2038.6	2031.2
170°	2106.0	2106.0	2106.0	2106.0	2106.0	2088.5	2065.1	2053.4	2053.0	2052.4	2052.0
172.5°	2089.5	2085.2	2089.5	2093.9	2095.0	2081.1	2062.7	2053.4	2053.4	2053.4	2053.4
175°	2079.7	2079.7	2079.7	2079.7	2079.7	2071.0	2059.3	2053.4	2056.2	2061.7	2065.9
177.5°	2070.8	2065.9	2070.8	2075.7	2076.9	2070.0	2060.8	2056.2	2058.3	2062.7	2065.9
180°	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2
2.5°	1925.2	1914.4	1914.4	1896.5	1889.3	1883.9	1874.9	1848.0	1840.9	1833.6	1844.4
5°	1941.4	1921.6	1907.3	1874.9	1848.0	1837.2	1803.1	1738.5	1695.4	1663.0	1645.1
7.5°	1944.9	1919.8	1892.9	1842.6	1777.9	1749.2	1645.1	1526.6	1494.2	1465.5	1447.5
10°	1941.4	1912.6	1874.9	1799.5	1646.9	1596.5	1492.4	1415.2	1395.4	1390.1	1395.4
12.5°	1928.8	1901.9	1849.8	1724.1	1510.4	1476.2	1415.2	1370.3	1366.7	1375.7	1424.2
15°	1907.3	1882.1	1821.0	1623.5	1435.0	1409.8	1366.7	1350.5	1370.3	1433.1	1578.6
17.5°	1885.7	1857.0	1781.6	1524.8	1377.5	1359.5	1328.9	1361.3	1472.6	1557.1	1605.6
20°	1857.0	1822.8	1736.7	1452.9	1336.2	1320.0	1305.6	1451.1	1535.5	1566.0	1593.0
22.5°	1822.8	1786.9	1675.6	1402.6	1293.0	1280.5	1289.5	1501.4	1535.5	1557.1	1580.4
25°	1777.9	1747.4	1603.8	1363.1	1259.0	1244.6	1278.7	1496.0	1515.8	1521.1	1567.8
27.5°	1736.7	1697.1	1528.3	1327.1	1217.6	1212.3	1287.7	1472.6	1487.0	1492.4	1542.7
30°	1686.3	1627.1	1443.9	1289.5	1174.5	1172.7	1289.5	1443.9	1440.3	1454.7	1505.0
32.5°	1634.3	1522.9	1348.7	1242.8	1133.2	1131.4	1276.9	1400.8	1397.2	1416.9	1454.7
35°	1585.8	1442.1	1219.4	1188.9	1081.1	1082.9	1246.4	1350.5	1352.3	1370.3	1393.6
37.5°	1535.5	1372.0	1077.6	1129.6	1030.9	1030.9	1205.0	1303.9	1300.3	1305.6	1337.9
40°	1476.2	1262.5	951.8	1052.4	984.2	978.8	1154.8	1253.5	1241.0	1239.2	1284.0
42.5°	1413.4	1142.2	858.4	950.0	930.3	923.1	1093.7	1192.5	1169.2	1174.5	1232.0
45°	1345.2	1109.9	786.6	802.7	874.6	869.2	1027.2	1122.5	1106.3	1120.7	1180.0
47.5°	1276.9	1045.3	763.3	666.3	815.3	813.5	953.6	1054.2	1045.3	1059.6	1122.5
50°	1183.5	973.4	761.5	571.1	748.9	756.0	865.7	987.8	987.8	1000.4	1066.8
52.5°	1063.2	885.4	691.4	517.2	671.7	693.2	788.4	930.3	933.9	946.4	1005.7
55°	953.6	793.8	641.2	475.9	580.1	626.8	712.9	871.0	878.2	890.7	944.7
57.5°	853.1	660.9	630.4	427.4	495.7	540.6	646.5	813.5	817.1	827.9	880.0
60°	745.3	477.7	578.3	375.3	422.0	456.1	585.5	745.3	757.8	765.1	810.0
62.5°	623.1	346.6	524.4	339.5	386.1	393.3	535.2	680.6	696.8	702.2	729.2
65°	443.6	290.9	445.4	308.9	348.4	350.2	481.3	614.2	628.6	637.5	657.3
67.5°	299.9	237.1	339.5	280.2	319.6	321.4	429.3	537.0	556.7	564.0	576.5
70°	208.3	158.1	251.5	249.7	287.3	290.9	373.6	466.9	484.9	490.3	497.5
72.5°	152.6	127.5	208.3	224.5	253.2	256.8	316.1	387.9	405.9	411.2	414.9
75°	116.8	134.7	168.8	195.8	215.5	217.3	258.6	316.1	328.7	332.2	334.0
77.5°	93.4	125.7	123.9	158.1	176.0	172.4	203.0	244.2	255.0	255.0	255.0
80°	70.1	98.8	93.4	113.2	129.3	125.7	145.5	174.2	177.8	181.4	179.6
82.5°	52.0	62.8	62.8	71.9	86.2	82.7	96.9	113.2	113.2	113.2	116.8
85°	32.3	35.9	28.7	37.8	48.5	46.7	53.9	61.1	62.8	62.8	59.3
87.5°	19.7	16.2	9.0	14.4	21.5	21.5	25.2	27.0	25.2	25.2	25.2
90°	36.1	24.9	13.8	24.9	36.1	38.8	61.0	90.5	105.3	93.6	70.2
92.5°	244.0	149.7	55.4	149.7	244.0	267.6	376.2	521.0	593.4	520.0	373.4
95°	478.2	305.6	133.1	305.6	478.2	521.3	925.6	1464.9	1734.4	1547.7	1174.3
97.5°	534.6	382.3	230.1	382.3	534.6	572.6	1246.9	2145.9	2595.5	2477.5	2241.5
100°	581.1	443.1	305.0	443.1	581.1	615.6	1363.8	2361.5	2860.3	2869.0	2886.2
102.5°	626.4	497.6	368.8	497.6	626.4	658.6	1417.5	2429.3	2935.2	3085.5	3386.2
105°	695.1	586.0	476.9	586.0	695.1	722.4	1457.2	2436.9	2926.8	3263.9	3938.1
107.5°	791.2	689.5	587.9	689.5	791.2	816.7	1464.6	2328.6	2760.5	3230.7	4170.9
110°	846.4	754.5	662.8	754.5	846.4	869.3	1453.5	2232.4	2621.8	3147.5	4198.7



TEST NUMBER: P935427

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	911.2	823.7	736.2	823.7	911.2	933.1	1453.9	2148.4	2495.7	3033.7	4109.5
115°	1008.6	927.8	847.1	927.8	1008.6	1028.7	1467.4	2052.1	2344.6	2862.8	3899.2
117.5°	1103.4	1030.0	956.7	1030.0	1103.4	1121.7	1494.6	1991.9	2240.6	2708.3	3643.7
120°	1158.5	1089.4	1020.4	1089.4	1158.5	1175.8	1516.8	1971.6	2199.0	2626.4	3481.0
122.5°	1222.1	1152.5	1082.8	1152.5	1222.1	1239.5	1548.7	1961.0	2167.1	2551.9	3321.5
125°	1305.5	1242.0	1178.5	1242.0	1305.5	1321.3	1591.7	1952.2	2132.4	2459.3	3113.1
127.5°	1384.4	1320.3	1256.2	1320.3	1384.4	1400.3	1634.7	1947.1	2103.3	2383.9	2945.3
130°	1435.8	1366.8	1297.8	1366.8	1435.8	1453.0	1666.1	1950.2	2092.2	2342.1	2841.8
132.5°	1478.8	1409.7	1340.7	1409.7	1478.8	1496.0	1691.5	1952.2	2082.5	2306.2	2753.6
135°	1530.2	1467.4	1404.5	1467.4	1530.2	1545.9	1719.3	1950.4	2065.9	2253.2	2627.9
137.5°	1594.1	1531.9	1469.7	1531.9	1594.1	1609.7	1760.8	1962.3	2063.1	2221.5	2538.2
140°	1638.3	1581.0	1523.7	1581.0	1638.3	1652.7	1786.2	1964.3	2053.4	2190.1	2463.7
142.5°	1671.3	1618.3	1565.3	1618.3	1671.3	1684.6	1807.5	1971.4	2053.4	2173.5	2413.9
145°	1721.6	1675.4	1629.1	1675.4	1721.6	1733.1	1835.2	1971.4	2039.5	2137.8	2334.4
147.5°	1782.8	1737.8	1692.9	1737.8	1782.8	1794.1	1875.9	1985.0	2039.5	2116.8	2271.5
150°	1815.9	1775.2	1734.4	1775.2	1815.9	1826.0	1897.2	1992.1	2039.5	2104.9	2235.5
152.5°	1839.2	1808.3	1777.5	1808.3	1839.2	1846.8	1911.1	1996.7	2039.5	2095.3	2206.8
155°	1886.8	1864.1	1841.2	1864.1	1886.8	1892.5	1941.5	2006.9	2039.5	2083.9	2172.6
157.5°	1932.8	1910.6	1888.4	1910.6	1932.8	1938.3	1972.1	2017.1	2039.5	2074.0	2143.0
160°	1954.8	1937.5	1920.3	1937.5	1954.8	1959.1	1985.9	2021.7	2039.5	2069.1	2128.3
162.5°	1978.0	1965.1	1952.2	1965.1	1978.0	1981.3	2000.7	2026.6	2039.5	2064.5	2114.4
165°	2010.2	1998.5	1986.8	1998.5	2010.2	2013.1	2022.0	2033.7	2039.5	2057.4	2093.1
167.5°	2029.8	2024.3	2018.7	2024.3	2029.8	2031.2	2038.6	2048.5	2053.4	2065.1	2088.5
170°	2050.6	2045.1	2039.5	2045.1	2050.6	2052.0	2052.4	2053.0	2053.4	2065.1	2088.5
172.5°	2053.1	2051.9	2050.6	2051.9	2053.1	2053.4	2053.4	2053.4	2053.4	2062.7	2081.1
175°	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2061.7	2056.2	2053.4	2059.3	2071.0
177.5°	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2062.7	2058.3	2056.2	2060.8	2070.0
180°	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9



TEST NUMBER: P935427

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2
2.5°	1831.8	1826.5	1833.6	1813.9	1833.6	1826.5	1831.8	1844.4	1833.6	1840.9	1848.0
5°	1607.3	1598.3	1569.7	1546.3	1569.7	1598.3	1607.3	1645.1	1663.0	1695.4	1738.5
7.5°	1436.8	1429.5	1422.4	1408.0	1422.4	1429.5	1436.8	1447.5	1465.5	1494.2	1526.6
10°	1399.0	1400.8	1411.6	1409.8	1411.6	1400.8	1399.0	1395.4	1390.1	1395.4	1415.2
12.5°	1496.0	1512.2	1571.5	1567.8	1571.5	1512.2	1496.0	1424.2	1375.7	1366.7	1370.3
15°	1607.3	1612.7	1625.3	1627.1	1625.3	1612.7	1607.3	1578.6	1433.1	1370.3	1350.5
17.5°	1618.1	1619.9	1628.9	1628.9	1628.9	1619.9	1618.1	1605.6	1557.1	1472.6	1361.3
20°	1609.1	1612.7	1630.7	1634.3	1630.7	1612.7	1609.1	1593.0	1566.0	1535.5	1451.1
22.5°	1605.6	1612.7	1627.1	1625.3	1627.1	1612.7	1605.6	1580.4	1557.1	1535.5	1501.4
25°	1587.6	1587.6	1589.4	1591.2	1589.4	1587.6	1587.6	1567.8	1521.1	1515.8	1496.0
27.5°	1549.9	1553.4	1564.2	1562.4	1564.2	1553.4	1549.9	1542.7	1492.4	1487.0	1472.6
30°	1515.8	1512.2	1503.2	1496.0	1503.2	1512.2	1515.8	1505.0	1454.7	1440.3	1443.9
32.5°	1458.3	1449.3	1440.3	1435.0	1440.3	1449.3	1458.3	1454.7	1416.9	1397.2	1400.8
35°	1390.1	1391.9	1390.1	1384.6	1390.1	1391.9	1390.1	1393.6	1370.3	1352.3	1350.5
37.5°	1341.5	1345.2	1343.3	1336.2	1343.3	1345.2	1341.5	1337.9	1305.6	1300.3	1303.9
40°	1291.3	1293.0	1291.3	1285.9	1291.3	1293.0	1291.3	1284.0	1239.2	1241.0	1253.5
42.5°	1242.8	1241.0	1235.6	1232.0	1235.6	1241.0	1242.8	1232.0	1174.5	1169.2	1192.5
45°	1187.1	1188.9	1178.1	1172.7	1178.1	1188.9	1187.1	1180.0	1120.7	1106.3	1122.5
47.5°	1131.4	1131.4	1122.5	1117.0	1122.5	1131.4	1131.4	1122.5	1059.6	1045.3	1054.2
50°	1072.1	1070.3	1057.8	1056.0	1057.8	1070.3	1072.1	1066.8	1000.4	987.8	987.8
52.5°	1003.9	1003.9	1005.7	1009.3	1005.7	1003.9	1003.9	1005.7	946.4	933.9	930.3
55°	944.7	946.4	959.0	962.6	959.0	946.4	944.7	944.7	890.7	878.2	871.0
57.5°	883.6	883.6	892.5	892.5	892.5	883.6	883.6	880.0	827.9	817.1	813.5
60°	813.5	817.1	824.3	822.5	824.3	817.1	813.5	810.0	765.1	757.8	745.3
62.5°	739.9	743.6	745.3	741.7	745.3	743.6	739.9	729.2	702.2	696.8	680.6
65°	662.7	666.3	668.0	664.5	668.0	666.3	662.7	657.3	637.5	628.6	614.2
67.5°	583.7	581.9	580.1	587.3	580.1	581.9	583.7	576.5	564.0	556.7	537.0
70°	502.8	502.8	501.0	504.7	501.0	502.8	502.8	497.5	490.3	484.9	466.9
72.5°	416.7	414.9	422.0	416.7	422.0	414.9	416.7	414.9	411.2	405.9	387.9
75°	332.2	335.8	332.2	337.6	332.2	335.8	332.2	334.0	332.2	328.7	316.1
77.5°	253.2	256.8	253.2	253.2	253.2	256.8	253.2	255.0	255.0	255.0	244.2
80°	179.6	177.8	177.8	176.0	177.8	177.8	179.6	179.6	181.4	177.8	174.2
82.5°	115.0	113.2	113.2	116.8	113.2	113.2	115.0	116.8	113.2	113.2	113.2
85°	62.8	64.6	61.1	61.1	61.1	64.6	62.8	59.3	62.8	62.8	61.1
87.5°	23.4	21.5	21.5	21.5	21.5	21.5	23.4	25.2	25.2	25.2	27.0
90°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	70.2	93.6	105.3	90.5
92.5°	263.4	253.0	211.0	169.2	211.0	253.0	263.4	373.4	520.0	593.4	521.0
95°	894.3	862.5	735.6	608.7	735.6	862.5	894.3	1174.3	1547.7	1734.4	1464.9
97.5°	2064.5	2004.0	1762.5	1520.9	1762.5	2004.0	2064.5	2241.5	2477.5	2595.5	2145.9
100°	2899.1	2827.2	2539.4	2251.6	2539.4	2827.2	2899.1	2886.2	2869.0	2860.3	2361.5
102.5°	3611.8	3550.2	3303.7	3057.2	3303.7	3550.2	3611.8	3386.2	3085.5	2935.2	2429.3
105°	4443.6	4410.5	4278.1	4145.6	4278.1	4410.5	4443.6	3938.1	3263.9	2926.8	2436.9
107.5°	4876.2	4884.2	4916.3	4948.3	4916.3	4884.2	4876.2	4170.9	3230.7	2760.5	2328.6
110°	4987.2	5021.7	5159.7	5297.7	5159.7	5021.7	4987.2	4198.7	3147.5	2621.8	2232.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4916.5	4969.5	5181.4	5393.4	5181.4	4969.5	4916.5	4109.5	3033.7	2495.7	2148.4
115°	4676.6	4750.1	5044.0	5338.0	5044.0	4750.1	4676.6	3899.2	2862.8	2344.6	2052.1
117.5°	4345.2	4426.7	4752.7	5078.7	4752.7	4426.7	4345.2	3643.7	2708.3	2240.6	1991.9
120°	4122.0	4201.2	4517.9	4834.6	4517.9	4201.2	4122.0	3481.0	2626.4	2199.0	1971.6
122.5°	3898.8	3976.9	4289.3	4601.7	4289.3	3976.9	3898.8	3321.5	2551.9	2167.1	1961.0
125°	3603.4	3675.4	3963.1	4250.9	3963.1	3675.4	3603.4	3113.1	2459.3	2132.4	1952.2
127.5°	3366.3	3427.0	3669.8	3912.6	3669.8	3427.0	3366.3	2945.3	2383.9	2103.3	1947.1
130°	3216.6	3272.7	3497.0	3721.3	3497.0	3272.7	3216.6	2841.8	2342.1	2092.2	1950.2
132.5°	3089.1	3139.3	3340.2	3541.0	3340.2	3139.3	3089.1	2753.6	2306.2	2082.5	1952.2
135°	2908.9	2952.2	3125.2	3298.4	3125.2	2952.2	2908.9	2627.9	2253.2	2065.9	1950.4
137.5°	2775.7	2811.1	2952.9	3094.6	2952.9	2811.1	2775.7	2538.2	2221.5	2063.1	1962.3
140°	2668.9	2702.1	2834.6	2967.1	2834.6	2702.1	2668.9	2463.7	2190.1	2053.4	1964.3
142.5°	2594.1	2622.6	2736.6	2850.6	2736.6	2622.6	2594.1	2413.9	2173.5	2053.4	1971.4
145°	2481.8	2503.4	2589.6	2675.9	2589.6	2503.4	2481.8	2334.4	2137.8	2039.5	1971.4
147.5°	2387.5	2405.3	2476.8	2548.3	2476.8	2405.3	2387.5	2271.5	2116.8	2039.5	1985.0
150°	2333.4	2347.9	2405.9	2463.8	2405.9	2347.9	2333.4	2235.5	2104.9	2039.5	1992.1
152.5°	2290.5	2301.4	2345.2	2388.9	2345.2	2301.4	2290.5	2206.8	2095.3	2039.5	1996.7
155°	2239.1	2246.4	2275.4	2304.3	2275.4	2246.4	2239.1	2172.6	2083.9	2039.5	2006.9
157.5°	2194.8	2199.9	2220.2	2240.6	2220.2	2199.9	2194.8	2143.0	2074.0	2039.5	2017.1
160°	2172.6	2175.6	2187.3	2199.0	2187.3	2175.6	2172.6	2128.3	2069.1	2039.5	2021.7
162.5°	2151.8	2154.6	2165.7	2176.7	2165.7	2154.6	2151.8	2114.4	2064.5	2039.5	2026.6
165°	2119.9	2122.8	2134.5	2146.3	2134.5	2122.8	2119.9	2093.1	2057.4	2039.5	2033.7
167.5°	2106.0	2107.3	2112.2	2117.1	2112.2	2107.3	2106.0	2088.5	2065.1	2053.4	2048.5
170°	2106.0	2106.0	2106.0	2106.0	2106.0	2106.0	2106.0	2088.5	2065.1	2053.4	2053.0
172.5°	2095.0	2093.9	2089.5	2085.2	2089.5	2093.9	2095.0	2081.1	2062.7	2053.4	2053.4
175°	2079.7	2079.7	2079.7	2079.7	2079.7	2079.7	2079.7	2071.0	2059.3	2053.4	2056.2
177.5°	2076.9	2075.7	2070.8	2065.9	2070.8	2075.7	2076.9	2070.0	2060.8	2056.2	2058.3
180°	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1898.2	1898.2	1898.2	1898.2	1898.2
2.5°	1874.9	1883.9	1889.3	1896.5	1914.4
5°	1803.1	1837.2	1848.0	1874.9	1907.3
7.5°	1645.1	1749.2	1777.9	1842.6	1892.9
10°	1492.4	1596.5	1646.9	1799.5	1874.9
12.5°	1415.2	1476.2	1510.4	1724.1	1849.8
15°	1366.7	1409.8	1435.0	1623.5	1821.0
17.5°	1328.9	1359.5	1377.5	1524.8	1781.6
20°	1305.6	1320.0	1336.2	1452.9	1736.7
22.5°	1289.5	1280.5	1293.0	1402.6	1675.6
25°	1278.7	1244.6	1259.0	1363.1	1603.8
27.5°	1287.7	1212.3	1217.6	1327.1	1528.3
30°	1289.5	1172.7	1174.5	1289.5	1443.9
32.5°	1276.9	1131.4	1133.2	1242.8	1348.7
35°	1246.4	1082.9	1081.1	1188.9	1219.4
37.5°	1205.0	1030.9	1030.9	1129.6	1077.6
40°	1154.8	978.8	984.2	1052.4	951.8
42.5°	1093.7	923.1	930.3	950.0	858.4
45°	1027.2	869.2	874.6	802.7	786.6
47.5°	953.6	813.5	815.3	666.3	763.3
50°	865.7	756.0	748.9	571.1	761.5
52.5°	788.4	693.2	671.7	517.2	691.4
55°	712.9	626.8	580.1	475.9	641.2
57.5°	646.5	540.6	495.7	427.4	630.4
60°	585.5	456.1	422.0	375.3	578.3
62.5°	535.2	393.3	386.1	339.5	524.4
65°	481.3	350.2	348.4	308.9	445.4
67.5°	429.3	321.4	319.6	280.2	339.5
70°	373.6	290.9	287.3	249.7	251.5
72.5°	316.1	256.8	253.2	224.5	208.3
75°	258.6	217.3	215.5	195.8	168.8
77.5°	203.0	172.4	176.0	158.1	123.9
80°	145.5	125.7	129.3	113.2	93.4
82.5°	96.9	82.7	86.2	71.9	62.8
85°	53.9	46.7	48.5	37.8	28.7
87.5°	25.2	21.5	21.5	14.4	9.0
90°	61.0	38.8	36.1	24.9	13.8
92.5°	376.2	267.6	244.0	149.7	55.4
95°	925.6	521.3	478.2	305.6	133.1
97.5°	1246.9	572.6	534.6	382.3	230.1
100°	1363.8	615.6	581.1	443.1	305.0
102.5°	1417.5	658.6	626.4	497.6	368.8
105°	1457.2	722.4	695.1	586.0	476.9
107.5°	1464.6	816.7	791.2	689.5	587.9
110°	1453.5	869.3	846.4	754.5	662.8



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1453.9	933.1	911.2	823.7	736.2
115°	1467.4	1028.7	1008.6	927.8	847.1
117.5°	1494.6	1121.7	1103.4	1030.0	956.7
120°	1516.8	1175.8	1158.5	1089.4	1020.4
122.5°	1548.7	1239.5	1222.1	1152.5	1082.8
125°	1591.7	1321.3	1305.5	1242.0	1178.5
127.5°	1634.7	1400.3	1384.4	1320.3	1256.2
130°	1666.1	1453.0	1435.8	1366.8	1297.8
132.5°	1691.5	1496.0	1478.8	1409.7	1340.7
135°	1719.3	1545.9	1530.2	1467.4	1404.5
137.5°	1760.8	1609.7	1594.1	1531.9	1469.7
140°	1786.2	1652.7	1638.3	1581.0	1523.7
142.5°	1807.5	1684.6	1671.3	1618.3	1565.3
145°	1835.2	1733.1	1721.6	1675.4	1629.1
147.5°	1875.9	1794.1	1782.8	1737.8	1692.9
150°	1897.2	1826.0	1815.9	1775.2	1734.4
152.5°	1911.1	1846.8	1839.2	1808.3	1777.5
155°	1941.5	1892.5	1886.8	1864.1	1841.2
157.5°	1972.1	1938.3	1932.8	1910.6	1888.4
160°	1985.9	1959.1	1954.8	1937.5	1920.3
162.5°	2000.7	1981.3	1978.0	1965.1	1952.2
165°	2022.0	2013.1	2010.2	1998.5	1986.8
167.5°	2038.6	2031.2	2029.8	2024.3	2018.7
170°	2052.4	2052.0	2050.6	2045.1	2039.5
172.5°	2053.4	2053.4	2053.1	2051.9	2050.6
175°	2061.7	2065.9	2065.9	2065.9	2065.9
177.5°	2062.7	2065.9	2065.9	2065.9	2065.9
180°	2065.9	2065.9	2065.9	2065.9	2065.9



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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	8.31	8.99	9.44	10.12	11.68	11.16	11.84	12.29	12.97	14.54
	3H	8.77	9.38	9.91	10.52	12.10	12.50	13.11	13.64	14.24	15.83
	4H	8.95	9.54	10.10	10.67	12.26	12.94	13.52	14.09	14.65	16.24
	6H	9.06	9.60	10.22	10.73	12.33	13.22	13.75	14.38	14.89	16.49
	8H	9.06	9.57	10.22	10.72	12.31	13.29	13.80	14.45	14.95	16.54
	12H	9.02	9.51	10.19	10.65	12.27	13.33	13.81	14.49	14.95	16.57
4H	2H	9.32	9.91	10.48	11.04	12.63	11.54	12.13	12.70	13.26	14.85
	3H	10.33	10.82	11.50	11.98	13.58	13.04	13.53	14.20	14.68	16.28
	4H	10.60	11.05	11.77	12.20	13.82	13.56	14.01	14.73	15.16	16.78
	6H	10.72	11.10	11.89	12.27	13.88	13.93	14.31	15.10	15.48	17.09
	8H	10.72	11.08	11.89	12.24	13.86	14.03	14.39	15.20	15.55	17.18
	12H	10.68	11.00	11.86	12.17	13.80	14.08	14.41	15.27	15.58	17.21
8H	4H	11.04	11.40	12.21	12.56	14.19	13.67	14.03	14.84	15.19	16.82
	6H	11.30	11.59	12.49	12.80	14.42	14.11	14.40	15.30	15.61	17.23
	8H	11.34	11.60	12.53	12.78	14.42	14.26	14.52	15.46	15.70	17.34
	12H	11.32	11.54	12.51	12.72	14.39	14.36	14.58	15.56	15.76	17.44
12H	4H	11.04	11.37	12.23	12.54	14.17	13.63	13.95	14.82	15.13	16.76
	6H	11.36	11.62	12.55	12.80	14.44	14.10	14.36	15.30	15.54	17.19
	8H	11.42	11.64	12.62	12.82	14.50	14.26	14.49	15.46	15.67	17.34