

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: P935720

Luminaire Tested: SQ4-FA-125U-125D-840-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

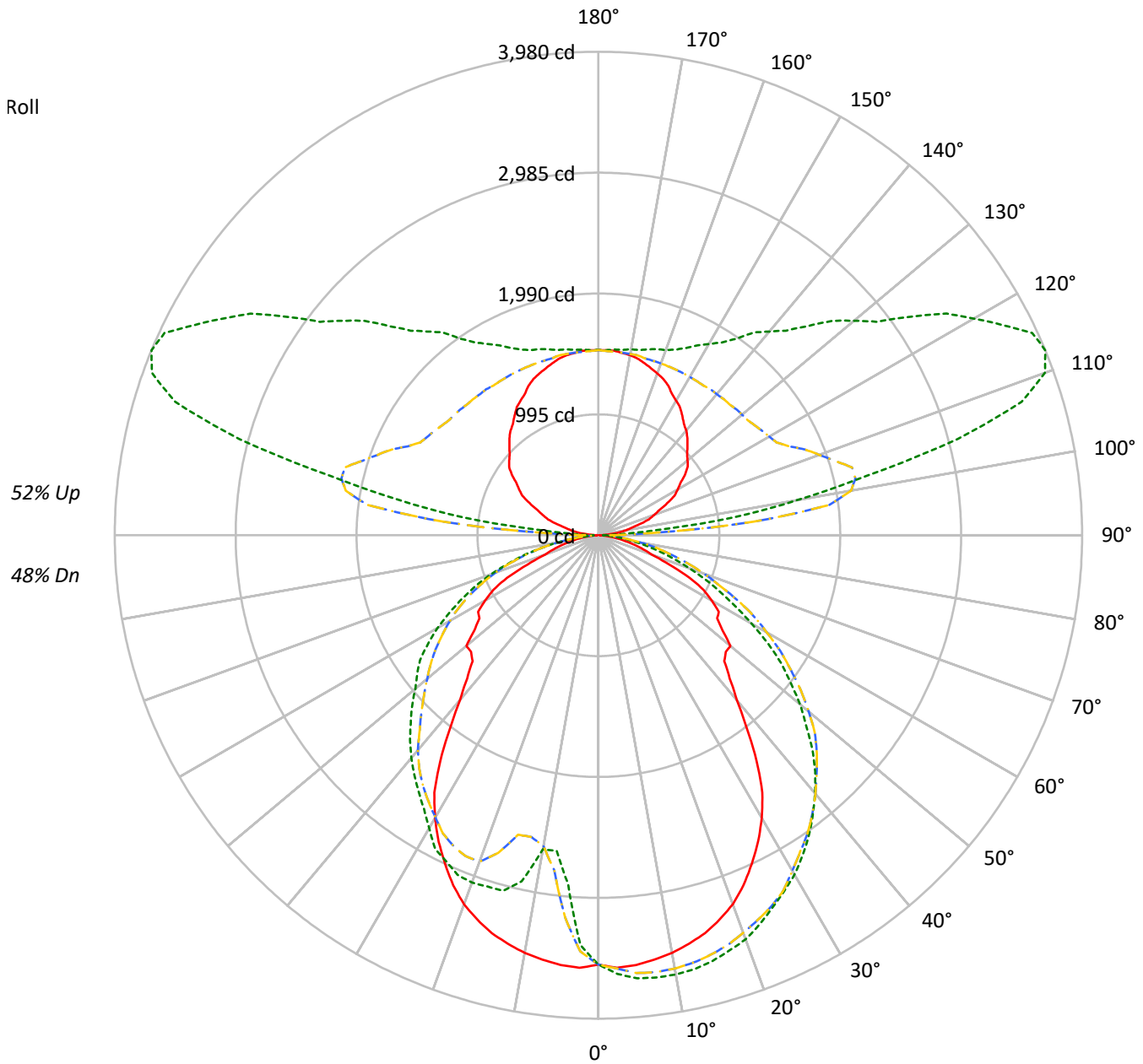
Test Method: LM-79-2019  
Report Number: P935720  
REPORT IS A COMBINATION OF REPORTS P933768 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-125D-840-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 19051.6 lumens  
Efficiency: N/A  
Efficacy: 126.7 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 150.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot



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





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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	319.0	1.7
10°-20°	905.8	4.8
20°-30°	1400.2	7.3
30°-40°	1671.6	8.8
40°-50°	1681.4	8.8
50°-60°	1463.0	7.7
60°-70°	1037.3	5.4
70°-80°	548.8	2.9
80°-90°	142.5	0.7
90°-100°	743.1	3.9
100°-110°	1953.6	10.3
110°-120°	2025.6	10.6
120°-130°	1624.8	8.5
130°-140°	1274.9	6.7
140°-150°	978.5	5.1
150°-160°	704.7	3.7
160°-170°	431.2	2.3
170°-180°	145.7	0.8
0°-30°	2625.1	13.8
0°-40°	4296.6	22.6
0°-60°	7441.0	39.1
0°-90°	9169.5	48.1
90°-120°	4722.3	24.8
90°-150°	8600.5	45.1
90°-180°	9882.0	51.9
0°-180°	19051.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3534	3534	3534	3534	3534	
5°	3551	3661	3551	2879	3551	337
15°	3390	3628	3390	3029	3390	954
25°	2986	3384	2986	2962	2986	1371
35°	2270	3019	2270	2578	2270	1405
45°	1464	2488	1464	2183	1464	1173
55°	1194	1836	1194	1792	1194	1097
65°	829	1107	829	1237	829	792
75°	314	525	314	629	314	330
85°	54	134	54	114	54	72
90°	10	39	10	39	10	11
95°	98	449	98	449	98	109
105°	352	3059	352	3059	352	373
115°	625	3939	625	3939	625	617
125°	870	3137	870	3137	870	772
135°	1036	2434	1036	2434	1036	802
145°	1202	1974	1202	1974	1202	753
155°	1359	1700	1359	1700	1359	624
165°	1466	1584	1466	1584	1466	414
175°	1524	1535	1524	1535	1524	145
180°	1524	1524	1524	1524	1524	



TEST NUMBER: P935720  
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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3
2.5°	3564.3	3564.3	3584.4	3591.1	3591.1	3581.1	3571.0	3581.1	3611.1	3621.2	3617.9
5°	3551.0	3577.7	3614.5	3621.2	3627.8	3624.6	3617.9	3624.6	3658.0	3664.7	3668.0
7.5°	3524.2	3574.4	3621.2	3631.2	3641.3	3631.2	3627.8	3634.6	3668.0	3674.7	3674.7
10°	3490.8	3561.0	3614.5	3621.2	3631.2	3621.2	3621.2	3634.6	3668.0	3674.7	3678.0
12.5°	3444.0	3540.9	3591.1	3597.8	3611.1	3607.8	3604.5	3617.9	3651.3	3658.0	3658.0
15°	3390.5	3504.1	3551.0	3557.7	3581.1	3574.4	3574.4	3587.7	3624.6	3634.6	3631.2
17.5°	3316.9	3457.3	3510.9	3520.8	3537.6	3534.3	3537.6	3551.0	3584.4	3591.1	3594.4
20°	3233.3	3393.8	3457.3	3467.4	3484.1	3484.1	3484.1	3500.8	3534.3	3547.6	3547.6
22.5°	3119.6	3327.0	3393.8	3400.5	3420.6	3420.6	3427.3	3450.7	3480.7	3484.1	3484.1
25°	2985.9	3253.4	3310.2	3330.3	3350.3	3360.4	3370.5	3383.8	3393.8	3390.5	3393.8
27.5°	2845.4	3159.7	3233.3	3246.7	3273.4	3283.5	3296.9	3300.2	3303.6	3313.6	3306.8
30°	2688.3	3029.4	3139.7	3153.1	3196.6	3203.2	3189.9	3196.6	3213.3	3220.0	3226.6
32.5°	2511.1	2835.5	3042.7	3072.9	3113.0	3092.9	3089.6	3099.6	3126.3	3126.3	3133.0
35°	2270.3	2685.0	2952.4	2979.2	3009.3	2985.9	2999.3	3002.6	3019.3	3029.4	3026.0
37.5°	2006.2	2554.6	2858.9	2878.9	2902.3	2872.2	2892.3	2902.3	2915.7	2909.0	2909.0
40°	1772.2	2350.6	2748.5	2761.9	2781.9	2758.5	2778.6	2785.3	2792.0	2785.3	2781.9
42.5°	1598.3	2126.6	2631.4	2648.1	2634.8	2651.5	2658.2	2671.6	2661.6	2648.1	2648.1
45°	1464.5	2066.4	2504.4	2524.4	2504.4	2531.2	2541.2	2541.2	2511.1	2504.4	2501.0
47.5°	1421.0	1946.0	2377.3	2377.3	2367.3	2400.7	2417.4	2394.0	2364.0	2353.9	2353.9
50°	1417.7	1812.3	2203.4	2190.1	2236.9	2277.0	2260.3	2236.9	2213.5	2176.8	2176.8
52.5°	1287.3	1648.4	1979.5	2029.6	2103.2	2126.6	2099.8	2076.4	2036.3	2019.6	2006.2
55°	1193.7	1477.9	1775.5	1875.8	1952.7	1982.8	1932.6	1909.2	1849.0	1839.1	1832.3
57.5°	1173.6	1230.5	1588.2	1715.3	1808.9	1805.6	1775.5	1732.1	1681.9	1671.8	1668.5
60°	1076.6	889.4	1387.6	1538.1	1635.0	1625.1	1598.3	1558.2	1511.3	1504.6	1498.0
62.5°	976.3	645.4	1160.2	1330.7	1467.9	1464.5	1441.1	1380.9	1347.5	1330.7	1317.4
65°	829.2	541.7	825.9	1106.8	1304.1	1310.7	1260.6	1217.1	1180.3	1160.2	1156.9
67.5°	631.9	441.3	558.4	922.9	1146.9	1140.2	1076.6	1056.6	1009.8	999.8	979.7
70°	468.1	294.2	387.9	749.0	993.0	976.3	926.2	902.8	859.4	835.9	822.5
72.5°	387.9	237.4	284.2	581.8	835.9	815.9	772.4	745.6	708.9	688.8	675.4
75°	314.3	250.8	217.4	431.4	678.8	665.4	625.3	598.5	568.4	541.7	545.0
77.5°	230.7	234.1	173.9	317.6	538.4	518.3	494.9	461.4	448.1	421.3	421.3
80°	173.9	183.9	130.4	217.4	387.9	387.9	367.8	344.4	321.0	307.7	307.7
82.5°	117.0	117.0	96.9	137.1	264.2	254.1	240.8	234.1	220.7	214.0	214.0
85°	53.5	66.9	60.2	83.6	143.8	150.5	150.5	143.8	140.4	133.8	137.1
87.5°	16.7	30.1	36.8	46.8	73.6	76.9	80.2	80.2	80.2	83.6	83.6
90°	10.3	18.5	26.6	28.7	45.1	66.9	77.8	69.1	51.8	38.8	38.8
92.5°	40.9	110.5	180.1	197.5	277.6	384.4	437.9	383.7	275.6	194.3	186.6
95°	98.2	225.6	352.9	384.7	683.1	1081.0	1279.9	1142.1	866.6	659.9	636.5
97.5°	169.8	282.2	394.5	422.6	920.1	1583.6	1915.2	1828.2	1654.0	1523.4	1478.8
100°	225.1	326.9	428.8	454.3	1006.4	1742.5	2110.7	2117.0	2129.7	2139.3	2086.3
102.5°	272.1	367.1	462.2	486.0	1046.0	1792.6	2165.9	2276.8	2498.8	2665.1	2619.7
105°	351.9	432.4	512.9	533.0	1075.2	1798.3	2159.8	2408.4	2905.9	3279.0	3254.6
107.5°	433.8	508.8	583.8	602.6	1080.7	1718.2	2037.0	2383.9	3077.8	3598.2	3604.1
110°	489.1	556.8	624.6	641.5	1072.6	1647.3	1934.7	2322.6	3098.3	3680.0	3705.5



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	543.3	607.8	672.4	688.5	1072.9	1585.3	1841.5	2238.5	3032.4	3627.8	3667.0
115°	625.1	684.7	744.2	759.1	1082.7	1514.3	1730.1	2112.4	2877.3	3450.9	3505.1
117.5°	705.9	760.1	814.1	827.6	1102.9	1469.8	1653.3	1998.4	2688.6	3206.4	3266.5
120°	753.0	803.9	854.8	867.6	1119.2	1454.8	1622.6	1938.0	2568.6	3041.7	3100.0
122.5°	799.0	850.4	901.7	914.6	1142.7	1446.9	1599.1	1883.0	2451.0	2877.0	2934.6
125°	869.6	916.5	963.3	975.0	1174.4	1440.5	1573.5	1814.8	2297.2	2659.0	2712.1
127.5°	926.9	974.3	1021.5	1033.3	1206.2	1436.7	1552.0	1759.1	2173.4	2484.0	2528.8
130°	957.6	1008.6	1059.4	1072.2	1229.4	1439.0	1543.8	1728.2	2097.0	2373.6	2415.0
132.5°	989.3	1040.3	1091.1	1103.9	1248.1	1440.5	1536.6	1701.7	2031.8	2279.4	2316.5
135°	1036.4	1082.7	1129.2	1140.7	1268.6	1439.1	1524.4	1662.6	1939.0	2146.4	2178.3
137.5°	1084.4	1130.4	1176.3	1187.8	1299.3	1448.0	1522.3	1639.2	1873.0	2048.2	2074.4
140°	1124.3	1166.6	1208.9	1219.5	1318.1	1449.5	1515.2	1616.2	1818.0	1969.5	1993.9
142.5°	1155.1	1194.2	1233.2	1243.0	1333.7	1454.7	1515.2	1603.8	1781.2	1914.2	1935.2
145°	1202.1	1236.2	1270.4	1278.9	1354.3	1454.7	1504.9	1577.4	1722.6	1831.4	1847.3
147.5°	1249.2	1282.4	1315.6	1323.9	1384.3	1464.7	1504.9	1562.0	1676.1	1761.8	1774.9
150°	1279.9	1309.9	1339.9	1347.4	1399.9	1469.9	1504.9	1553.1	1649.6	1721.9	1732.6
152.5°	1311.6	1334.3	1357.0	1362.7	1410.2	1473.3	1504.9	1546.1	1628.4	1690.2	1698.3
155°	1358.7	1375.5	1392.3	1396.5	1432.7	1480.8	1504.9	1537.7	1603.2	1652.3	1657.7
157.5°	1393.5	1409.8	1426.2	1430.2	1455.1	1488.3	1504.9	1530.4	1581.3	1619.5	1623.3
160°	1417.0	1429.7	1442.5	1445.6	1465.4	1491.8	1504.9	1526.8	1570.4	1603.1	1605.3
162.5°	1440.5	1450.0	1459.6	1461.9	1476.3	1495.3	1504.9	1523.3	1560.2	1587.8	1589.9
165°	1466.1	1474.8	1483.4	1485.6	1492.0	1500.6	1504.9	1518.2	1544.5	1564.3	1566.5
167.5°	1489.6	1493.7	1497.8	1498.8	1504.2	1511.5	1515.2	1523.8	1541.1	1554.0	1554.9
170°	1504.9	1509.1	1513.2	1514.2	1514.5	1515.0	1515.2	1523.8	1541.1	1554.0	1554.0
172.5°	1513.1	1514.0	1515.0	1515.2	1515.2	1515.2	1515.2	1522.0	1535.6	1545.9	1545.1
175°	1524.4	1524.4	1524.4	1524.4	1521.3	1517.3	1515.2	1519.5	1528.1	1534.7	1534.7
177.5°	1524.4	1524.4	1524.4	1524.4	1522.0	1518.9	1517.3	1520.6	1527.4	1532.6	1531.7
180°	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3
2.5°	3624.6	3614.5	3624.6	3617.9	3621.2	3611.1	3581.1	3571.0	3581.1	3591.1	3591.1
5°	3668.0	3661.3	3668.0	3668.0	3664.7	3658.0	3624.6	3617.9	3624.6	3627.8	3621.2
7.5°	3681.4	3671.3	3681.4	3674.7	3674.7	3668.0	3634.6	3627.8	3631.2	3641.3	3631.2
10°	3681.4	3671.3	3681.4	3678.0	3674.7	3668.0	3634.6	3621.2	3621.2	3631.2	3621.2
12.5°	3664.7	3658.0	3664.7	3658.0	3658.0	3651.3	3617.9	3604.5	3607.8	3611.1	3597.8
15°	3637.9	3627.8	3637.9	3631.2	3634.6	3624.6	3587.7	3574.4	3574.4	3581.1	3557.7
17.5°	3597.8	3584.4	3597.8	3594.4	3591.1	3584.4	3551.0	3537.6	3534.3	3537.6	3520.8
20°	3551.0	3540.9	3551.0	3547.6	3547.6	3534.3	3500.8	3484.1	3484.1	3484.1	3467.4
22.5°	3477.4	3467.4	3477.4	3484.1	3484.1	3480.7	3450.7	3427.3	3420.6	3420.6	3400.5
25°	3393.8	3383.8	3393.8	3393.8	3390.5	3393.8	3383.8	3370.5	3360.4	3350.3	3330.3
27.5°	3313.6	3306.8	3313.6	3306.8	3313.6	3303.6	3300.2	3296.9	3283.5	3273.4	3246.7
30°	3233.3	3226.6	3233.3	3226.6	3220.0	3213.3	3196.6	3189.9	3203.2	3196.6	3153.1
32.5°	3133.0	3126.3	3133.0	3133.0	3126.3	3126.3	3099.6	3089.6	3092.9	3113.0	3072.9
35°	3029.4	3019.3	3029.4	3026.0	3029.4	3019.3	3002.6	2999.3	2985.9	3009.3	2979.2
37.5°	2909.0	2899.0	2909.0	2909.0	2909.0	2915.7	2902.3	2892.3	2872.2	2902.3	2878.9
40°	2785.3	2771.9	2785.3	2781.9	2785.3	2792.0	2785.3	2778.6	2758.5	2781.9	2761.9
42.5°	2644.9	2641.5	2644.9	2648.1	2648.1	2661.6	2671.6	2658.2	2651.5	2634.8	2648.1
45°	2494.4	2487.7	2494.4	2501.0	2504.4	2511.1	2541.2	2541.2	2531.2	2504.4	2524.4
47.5°	2333.9	2317.2	2333.9	2353.9	2353.9	2364.0	2394.0	2417.4	2400.7	2367.3	2377.3
50°	2163.3	2166.7	2163.3	2176.8	2176.8	2213.5	2236.9	2260.3	2277.0	2236.9	2190.1
52.5°	1996.2	1992.8	1996.2	2006.2	2019.6	2036.3	2076.4	2099.8	2126.6	2103.2	2029.6
55°	1829.0	1835.7	1829.0	1832.3	1839.1	1849.0	1909.2	1932.6	1982.8	1952.7	1875.8
57.5°	1661.8	1651.7	1661.8	1668.5	1671.8	1681.9	1732.1	1775.5	1805.6	1808.9	1715.3
60°	1467.9	1454.5	1467.9	1498.0	1504.6	1511.3	1558.2	1598.3	1625.1	1635.0	1538.1
62.5°	1297.3	1273.9	1297.3	1317.4	1330.7	1347.5	1380.9	1441.1	1464.5	1467.9	1330.7
65°	1116.7	1106.8	1116.7	1156.9	1160.2	1180.3	1217.1	1260.6	1310.7	1304.1	1106.8
67.5°	952.9	952.9	952.9	979.7	999.8	1009.8	1056.6	1076.6	1140.2	1146.9	922.9
70°	802.5	799.1	802.5	822.5	835.9	859.4	902.8	926.2	976.3	993.0	749.0
72.5°	658.7	655.3	658.7	675.4	688.8	708.9	745.6	772.4	815.9	835.9	581.8
75°	531.6	524.9	531.6	545.0	541.7	568.4	598.5	625.3	665.4	678.8	431.4
77.5°	407.9	407.9	407.9	421.3	421.3	448.1	461.4	494.9	518.3	538.4	317.6
80°	304.3	300.9	304.3	307.7	307.7	321.0	344.4	367.8	387.9	387.9	217.4
82.5°	214.0	207.3	214.0	214.0	214.0	220.7	234.1	240.8	254.1	264.2	137.1
85°	133.8	133.8	133.8	137.1	133.8	140.4	143.8	150.5	150.5	143.8	83.6
87.5°	86.9	83.6	86.9	83.6	83.6	80.2	80.2	80.2	76.9	73.6	46.8
90°	38.8	38.8	38.8	38.8	38.8	51.8	69.1	77.8	66.9	45.1	28.7
92.5°	155.7	124.8	155.7	186.6	194.3	275.6	383.7	437.9	384.4	277.6	197.5
95°	542.8	449.1	542.8	636.5	659.9	866.6	1142.1	1279.9	1081.0	683.1	384.7
97.5°	1300.6	1122.4	1300.6	1478.8	1523.4	1654.0	1828.2	1915.2	1583.6	920.1	422.6
100°	1873.8	1661.5	1873.8	2086.3	2139.3	2129.7	2117.0	2110.7	1742.5	1006.4	454.3
102.5°	2437.8	2255.9	2437.8	2619.7	2665.1	2498.8	2276.8	2165.9	1792.6	1046.0	486.0
105°	3156.8	3059.0	3156.8	3254.6	3279.0	2905.9	2408.4	2159.8	1798.3	1075.2	533.0
107.5°	3627.7	3651.4	3627.7	3604.1	3598.2	3077.8	2383.9	2037.0	1718.2	1080.7	602.6
110°	3807.4	3909.2	3807.4	3705.5	3680.0	3098.3	2322.6	1934.7	1647.3	1072.6	641.5





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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3823.4	3979.8	3823.4	3667.0	3627.8	3032.4	2238.5	1841.5	1585.3	1072.9	688.5
115°	3722.0	3938.9	3722.0	3505.1	3450.9	2877.3	2112.4	1730.1	1514.3	1082.7	759.1
117.5°	3507.0	3747.6	3507.0	3266.5	3206.4	2688.6	1998.4	1653.3	1469.8	1102.9	827.6
120°	3333.8	3567.5	3333.8	3100.0	3041.7	2568.6	1938.0	1622.6	1454.8	1119.2	867.6
122.5°	3165.2	3395.7	3165.2	2934.6	2877.0	2451.0	1883.0	1599.1	1446.9	1142.7	914.6
125°	2924.5	3136.8	2924.5	2712.1	2659.0	2297.2	1814.8	1573.5	1440.5	1174.4	975.0
127.5°	2708.0	2887.1	2708.0	2528.8	2484.0	2173.4	1759.1	1552.0	1436.7	1206.2	1033.3
130°	2580.5	2745.9	2580.5	2415.0	2373.6	2097.0	1728.2	1543.8	1439.0	1229.4	1072.2
132.5°	2464.8	2613.0	2464.8	2316.5	2279.4	2031.8	1701.7	1536.6	1440.5	1248.1	1103.9
135°	2306.2	2433.9	2306.2	2178.3	2146.4	1939.0	1662.6	1524.4	1439.1	1268.6	1140.7
137.5°	2178.9	2283.6	2178.9	2074.4	2048.2	1873.0	1639.2	1522.3	1448.0	1299.3	1187.8
140°	2091.7	2189.4	2091.7	1993.9	1969.5	1818.0	1616.2	1515.2	1449.5	1318.1	1219.5
142.5°	2019.3	2103.5	2019.3	1935.2	1914.2	1781.2	1603.8	1515.2	1454.7	1333.7	1243.0
145°	1910.9	1974.5	1910.9	1847.3	1831.4	1722.6	1577.4	1504.9	1454.7	1354.3	1278.9
147.5°	1827.7	1880.5	1827.7	1774.9	1761.8	1676.1	1562.0	1504.9	1464.7	1384.3	1323.9
150°	1775.3	1818.0	1775.3	1732.6	1721.9	1649.6	1553.1	1504.9	1469.9	1399.9	1347.4
152.5°	1730.5	1762.8	1730.5	1698.3	1690.2	1628.4	1546.1	1504.9	1473.3	1410.2	1362.7
155°	1679.0	1700.3	1679.0	1657.7	1652.3	1603.2	1537.7	1504.9	1480.8	1432.7	1396.5
157.5°	1638.3	1653.3	1638.3	1623.3	1619.5	1581.3	1530.4	1504.9	1488.3	1455.1	1430.2
160°	1613.9	1622.6	1613.9	1605.3	1603.1	1570.4	1526.8	1504.9	1491.8	1465.4	1445.6
162.5°	1598.1	1606.3	1598.1	1589.9	1587.8	1560.2	1523.3	1504.9	1495.3	1476.3	1461.9
165°	1575.1	1583.8	1575.1	1566.5	1564.3	1544.5	1518.2	1504.9	1500.6	1492.0	1485.6
167.5°	1558.6	1562.2	1558.6	1554.9	1554.0	1541.1	1523.8	1515.2	1511.5	1504.2	1498.8
170°	1554.0	1554.0	1554.0	1554.0	1554.0	1541.1	1523.8	1515.2	1515.0	1514.5	1514.2
172.5°	1541.9	1538.7	1541.9	1545.1	1545.9	1535.6	1522.0	1515.2	1515.2	1515.2	1515.2
175°	1534.7	1534.7	1534.7	1534.7	1534.7	1528.1	1519.5	1515.2	1517.3	1521.3	1524.4
177.5°	1528.0	1524.4	1528.0	1531.7	1532.6	1527.4	1520.6	1517.3	1518.9	1522.0	1524.4
180°	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3
2.5°	3584.4	3564.3	3564.3	3530.9	3517.6	3507.5	3490.8	3440.6	3427.3	3413.8	3434.0
5°	3614.5	3577.7	3551.0	3490.8	3440.6	3420.6	3357.0	3236.7	3156.5	3096.2	3062.8
7.5°	3621.2	3574.4	3524.2	3430.6	3310.2	3256.7	3062.8	2842.1	2781.9	2728.5	2695.0
10°	3614.5	3561.0	3490.8	3350.3	3066.2	2972.5	2778.6	2634.8	2598.0	2588.0	2598.0
12.5°	3591.1	3540.9	3444.0	3209.9	2812.0	2748.5	2634.8	2551.2	2544.5	2561.3	2651.5
15°	3551.0	3504.1	3390.5	3022.7	2671.6	2624.8	2544.5	2514.5	2551.2	2668.3	2939.1
17.5°	3510.9	3457.3	3316.9	2838.8	2564.6	2531.2	2474.3	2534.5	2741.8	2899.0	2989.2
20°	3457.3	3393.8	3233.3	2705.0	2487.7	2457.6	2430.9	2701.7	2858.9	2915.7	2965.9
22.5°	3393.8	3327.0	3119.6	2611.4	2407.5	2384.0	2400.7	2795.3	2858.9	2899.0	2942.5
25°	3310.2	3253.4	2985.9	2537.9	2343.9	2317.2	2380.7	2785.3	2822.0	2832.1	2919.0
27.5°	3233.3	3159.7	2845.4	2471.0	2267.0	2257.0	2397.4	2741.8	2768.6	2778.6	2872.2
30°	3139.7	3029.4	2688.3	2400.7	2186.7	2183.4	2400.7	2688.3	2681.6	2708.4	2802.0
32.5°	3042.7	2835.5	2511.1	2313.8	2109.9	2106.5	2377.3	2608.0	2601.4	2638.2	2708.4
35°	2952.4	2685.0	2270.3	2213.5	2012.9	2016.2	2320.5	2514.5	2517.8	2551.2	2594.7
37.5°	2858.9	2554.6	2006.2	2103.2	1919.3	1919.3	2243.6	2427.5	2420.8	2430.9	2491.0
40°	2748.5	2350.6	1772.2	1959.4	1832.3	1822.3	2150.0	2333.9	2310.4	2307.2	2390.8
42.5°	2631.4	2126.6	1598.3	1768.8	1732.1	1718.6	2036.3	2220.2	2176.8	2186.7	2293.7
45°	2504.4	2066.4	1464.5	1494.6	1628.3	1618.3	1912.6	2089.8	2059.7	2086.5	2196.8
47.5°	2377.3	1946.0	1421.0	1240.5	1518.1	1514.7	1775.5	1962.8	1946.0	1972.7	2089.8
50°	2203.4	1812.3	1417.7	1063.3	1394.3	1407.7	1611.6	1839.1	1839.1	1862.4	1986.2
52.5°	1979.5	1648.4	1287.3	963.0	1250.5	1290.6	1467.9	1732.1	1738.7	1762.1	1872.5
55°	1775.5	1477.9	1193.7	886.0	1080.0	1166.9	1327.5	1621.7	1635.0	1658.5	1758.7
57.5°	1588.2	1230.5	1173.6	795.8	922.9	1006.5	1203.7	1514.7	1521.3	1541.5	1638.4
60°	1387.6	889.4	1076.6	698.8	785.8	849.3	1090.1	1387.6	1411.1	1424.4	1508.0
62.5°	1160.2	645.4	976.3	631.9	718.9	732.3	996.4	1267.2	1297.3	1307.4	1357.5
65°	825.9	541.7	829.2	575.1	648.6	652.0	896.1	1143.5	1170.3	1187.0	1223.7
67.5°	558.4	441.3	631.9	521.6	595.2	598.5	799.1	999.8	1036.5	1049.9	1073.4
70°	387.9	294.2	468.1	464.8	535.0	541.7	695.5	869.3	902.8	912.8	926.2
72.5°	284.2	237.4	387.9	417.9	471.5	478.2	588.5	722.2	755.6	765.7	772.4
75°	217.4	250.8	314.3	364.5	401.2	404.6	481.5	588.5	611.9	618.6	621.9
77.5°	173.9	234.1	230.7	294.2	327.7	321.0	377.8	454.8	474.8	474.8	474.8
80°	130.4	183.9	173.9	210.6	240.8	234.1	270.8	324.4	331.0	337.7	334.3
82.5°	96.9	117.0	117.0	133.8	160.5	153.8	180.6	210.6	210.6	210.6	217.4
85°	60.2	66.9	53.5	70.2	90.3	86.9	100.3	113.7	117.0	117.0	110.4
87.5°	36.8	30.1	16.7	26.8	40.1	40.1	46.8	50.2	46.8	46.8	46.8
90°	26.6	18.5	10.3	18.5	26.6	28.7	45.1	66.9	77.8	69.1	51.8
92.5°	180.1	110.5	40.9	110.5	180.1	197.5	277.6	384.4	437.9	383.7	275.6
95°	352.9	225.6	98.2	225.6	352.9	384.7	683.1	1081.0	1279.9	1142.1	866.6
97.5°	394.5	282.2	169.8	282.2	394.5	422.6	920.1	1583.6	1915.2	1828.2	1654.0
100°	428.8	326.9	225.1	326.9	428.8	454.3	1006.4	1742.5	2110.7	2117.0	2129.7
102.5°	462.2	367.1	272.1	367.1	462.2	486.0	1046.0	1792.6	2165.9	2276.8	2498.8
105°	512.9	432.4	351.9	432.4	512.9	533.0	1075.2	1798.3	2159.8	2408.4	2905.9
107.5°	583.8	508.8	433.8	508.8	583.8	602.6	1080.7	1718.2	2037.0	2383.9	3077.8
110°	624.6	556.8	489.1	556.8	624.6	641.5	1072.6	1647.3	1934.7	2322.6	3098.3



TEST NUMBER: P935720

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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	672.4	607.8	543.3	607.8	672.4	688.5	1072.9	1585.3	1841.5	2238.5	3032.4
115°	744.2	684.7	625.1	684.7	744.2	759.1	1082.7	1514.3	1730.1	2112.4	2877.3
117.5°	814.1	760.1	705.9	760.1	814.1	827.6	1102.9	1469.8	1653.3	1998.4	2688.6
120°	854.8	803.9	753.0	803.9	854.8	867.6	1119.2	1454.8	1622.6	1938.0	2568.6
122.5°	901.7	850.4	799.0	850.4	901.7	914.6	1142.7	1446.9	1599.1	1883.0	2451.0
125°	963.3	916.5	869.6	916.5	963.3	975.0	1174.4	1440.5	1573.5	1814.8	2297.2
127.5°	1021.5	974.3	926.9	974.3	1021.5	1033.3	1206.2	1436.7	1552.0	1759.1	2173.4
130°	1059.4	1008.6	957.6	1008.6	1059.4	1072.2	1229.4	1439.0	1543.8	1728.2	2097.0
132.5°	1091.1	1040.3	989.3	1040.3	1091.1	1103.9	1248.1	1440.5	1536.6	1701.7	2031.8
135°	1129.2	1082.7	1036.4	1082.7	1129.2	1140.7	1268.6	1439.1	1524.4	1662.6	1939.0
137.5°	1176.3	1130.4	1084.4	1130.4	1176.3	1187.8	1299.3	1448.0	1522.3	1639.2	1873.0
140°	1208.9	1166.6	1124.3	1166.6	1208.9	1219.5	1318.1	1449.5	1515.2	1616.2	1818.0
142.5°	1233.2	1194.2	1155.1	1194.2	1233.2	1243.0	1333.7	1454.7	1515.2	1603.8	1781.2
145°	1270.4	1236.2	1202.1	1236.2	1270.4	1278.9	1354.3	1454.7	1504.9	1577.4	1722.6
147.5°	1315.6	1282.4	1249.2	1282.4	1315.6	1323.9	1384.3	1464.7	1504.9	1562.0	1676.1
150°	1339.9	1309.9	1279.9	1309.9	1339.9	1347.4	1399.9	1469.9	1504.9	1553.1	1649.6
152.5°	1357.0	1334.3	1311.6	1334.3	1357.0	1362.7	1410.2	1473.3	1504.9	1546.1	1628.4
155°	1392.3	1375.5	1358.7	1375.5	1392.3	1396.5	1432.7	1480.8	1504.9	1537.7	1603.2
157.5°	1426.2	1409.8	1393.5	1409.8	1426.2	1430.2	1455.1	1488.3	1504.9	1530.4	1581.3
160°	1442.5	1429.7	1417.0	1429.7	1442.5	1445.6	1465.4	1491.8	1504.9	1526.8	1570.4
162.5°	1459.6	1450.0	1440.5	1450.0	1459.6	1461.9	1476.3	1495.3	1504.9	1523.3	1560.2
165°	1483.4	1474.8	1466.1	1474.8	1483.4	1485.6	1492.0	1500.6	1504.9	1518.2	1544.5
167.5°	1497.8	1493.7	1489.6	1493.7	1497.8	1498.8	1504.2	1511.5	1515.2	1523.8	1541.1
170°	1513.2	1509.1	1504.9	1509.1	1513.2	1514.2	1514.5	1515.0	1515.2	1523.8	1541.1
172.5°	1515.0	1514.0	1513.1	1514.0	1515.0	1515.2	1515.2	1515.2	1515.2	1522.0	1535.6
175°	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1521.3	1517.3	1515.2	1519.5	1528.1
177.5°	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1522.0	1518.9	1517.3	1520.6	1527.4
180°	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4



TEST NUMBER: P935720  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3	3534.3
2.5°	3410.6	3400.5	3413.8	3377.1	3413.8	3400.5	3410.6	3434.0	3413.8	3427.3	3440.6
5°	2992.6	2975.9	2922.4	2878.9	2922.4	2975.9	2992.6	3062.8	3096.2	3156.5	3236.7
7.5°	2674.9	2661.6	2648.1	2621.5	2648.1	2661.6	2674.9	2695.0	2728.5	2781.9	2842.1
10°	2604.8	2608.0	2628.1	2624.8	2628.1	2608.0	2604.8	2598.0	2588.0	2598.0	2634.8
12.5°	2785.3	2815.4	2925.7	2919.0	2925.7	2815.4	2785.3	2651.5	2561.3	2544.5	2551.2
15°	2992.6	3002.6	3026.0	3029.4	3026.0	3002.6	2992.6	2939.1	2668.3	2551.2	2514.5
17.5°	3012.6	3016.0	3032.7	3032.7	3032.7	3016.0	3012.6	2989.2	2899.0	2741.8	2534.5
20°	2995.9	3002.6	3036.0	3042.7	3036.0	3002.6	2995.9	2965.9	2915.7	2858.9	2701.7
22.5°	2989.2	3002.6	3029.4	3026.0	3029.4	3002.6	2989.2	2942.5	2899.0	2858.9	2795.3
25°	2955.8	2955.8	2959.2	2962.5	2959.2	2955.8	2955.8	2919.0	2832.1	2822.0	2785.3
27.5°	2885.6	2892.3	2912.3	2909.0	2912.3	2892.3	2885.6	2872.2	2778.6	2768.6	2741.8
30°	2822.0	2815.4	2798.6	2785.3	2798.6	2815.4	2822.0	2802.0	2708.4	2681.6	2688.3
32.5°	2715.0	2698.3	2681.6	2671.6	2681.6	2698.3	2715.0	2708.4	2638.2	2601.4	2608.0
35°	2588.0	2591.3	2588.0	2578.0	2588.0	2591.3	2588.0	2594.7	2551.2	2517.8	2514.5
37.5°	2497.8	2504.4	2501.0	2487.7	2501.0	2504.4	2497.8	2491.0	2430.9	2420.8	2427.5
40°	2404.1	2407.5	2404.1	2394.0	2404.1	2407.5	2404.1	2390.8	2307.2	2310.4	2333.9
42.5°	2313.8	2310.4	2300.5	2293.7	2300.5	2310.4	2313.8	2293.7	2186.7	2176.8	2220.2
45°	2210.2	2213.5	2193.5	2183.4	2193.5	2213.5	2210.2	2196.8	2086.5	2059.7	2089.8
47.5°	2106.5	2106.5	2089.8	2079.7	2089.8	2106.5	2106.5	2089.8	1972.7	1946.0	1962.8
50°	1996.2	1992.8	1969.4	1966.1	1969.4	1992.8	1996.2	1986.2	1862.4	1839.1	1839.1
52.5°	1869.1	1869.1	1872.5	1879.2	1872.5	1869.1	1869.1	1872.5	1762.1	1738.7	1732.1
55°	1758.7	1762.1	1785.5	1792.2	1785.5	1762.1	1758.7	1758.7	1658.5	1635.0	1621.7
57.5°	1645.1	1645.1	1661.8	1661.8	1661.8	1645.1	1645.1	1638.4	1541.5	1521.3	1514.7
60°	1514.7	1521.3	1534.8	1531.4	1534.8	1521.3	1514.7	1508.0	1424.4	1411.1	1387.6
62.5°	1377.6	1384.3	1387.6	1380.9	1387.6	1384.3	1377.6	1357.5	1307.4	1297.3	1267.2
65°	1233.8	1240.5	1243.9	1237.2	1243.9	1240.5	1233.8	1223.7	1187.0	1170.3	1143.5
67.5°	1086.7	1083.3	1080.0	1093.4	1080.0	1083.3	1086.7	1073.4	1049.9	1036.5	999.8
70°	936.2	936.2	932.9	939.6	932.9	936.2	936.2	926.2	912.8	902.8	869.3
72.5°	775.8	772.4	785.8	775.8	785.8	772.4	775.8	772.4	765.7	755.6	722.2
75°	618.6	625.3	618.6	628.6	618.6	625.3	618.6	621.9	618.6	611.9	588.5
77.5°	471.5	478.2	471.5	471.5	471.5	478.2	471.5	474.8	474.8	474.8	454.8
80°	334.3	331.0	331.0	327.7	331.0	331.0	334.3	334.3	337.7	331.0	324.4
82.5°	214.0	210.6	210.6	217.4	210.6	210.6	214.0	217.4	210.6	210.6	210.6
85°	117.0	120.3	113.7	113.7	113.7	120.3	117.0	110.4	117.0	117.0	113.7
87.5°	43.5	40.1	40.1	40.1	40.1	40.1	43.5	46.8	46.8	46.8	50.2
90°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	51.8	69.1	77.8	66.9
92.5°	194.3	186.6	155.7	124.8	155.7	186.6	194.3	275.6	383.7	437.9	384.4
95°	659.9	636.5	542.8	449.1	542.8	636.5	659.9	866.6	1142.1	1279.9	1081.0
97.5°	1523.4	1478.8	1300.6	1122.4	1300.6	1478.8	1523.4	1654.0	1828.2	1915.2	1583.6
100°	2139.3	2086.3	1873.8	1661.5	1873.8	2086.3	2139.3	2129.7	2117.0	2110.7	1742.5
102.5°	2665.1	2619.7	2437.8	2255.9	2437.8	2619.7	2665.1	2498.8	2276.8	2165.9	1792.6
105°	3279.0	3254.6	3156.8	3059.0	3156.8	3254.6	3279.0	2905.9	2408.4	2159.8	1798.3
107.5°	3598.2	3604.1	3627.7	3651.4	3627.7	3604.1	3598.2	3077.8	2383.9	2037.0	1718.2
110°	3680.0	3705.5	3807.4	3909.2	3807.4	3705.5	3680.0	3098.3	2322.6	1934.7	1647.3



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3627.8	3667.0	3823.4	3979.8	3823.4	3667.0	3627.8	3032.4	2238.5	1841.5	1585.3
115°	3450.9	3505.1	3722.0	3938.9	3722.0	3505.1	3450.9	2877.3	2112.4	1730.1	1514.3
117.5°	3206.4	3266.5	3507.0	3747.6	3507.0	3266.5	3206.4	2688.6	1998.4	1653.3	1469.8
120°	3041.7	3100.0	3333.8	3567.5	3333.8	3100.0	3041.7	2568.6	1938.0	1622.6	1454.8
122.5°	2877.0	2934.6	3165.2	3395.7	3165.2	2934.6	2877.0	2451.0	1883.0	1599.1	1446.9
125°	2659.0	2712.1	2924.5	3136.8	2924.5	2712.1	2659.0	2297.2	1814.8	1573.5	1440.5
127.5°	2484.0	2528.8	2708.0	2887.1	2708.0	2528.8	2484.0	2173.4	1759.1	1552.0	1436.7
130°	2373.6	2415.0	2580.5	2745.9	2580.5	2415.0	2373.6	2097.0	1728.2	1543.8	1439.0
132.5°	2279.4	2316.5	2464.8	2613.0	2464.8	2316.5	2279.4	2031.8	1701.7	1536.6	1440.5
135°	2146.4	2178.3	2306.2	2433.9	2306.2	2178.3	2146.4	1939.0	1662.6	1524.4	1439.1
137.5°	2048.2	2074.4	2178.9	2283.6	2178.9	2074.4	2048.2	1873.0	1639.2	1522.3	1448.0
140°	1969.5	1993.9	2091.7	2189.4	2091.7	1993.9	1969.5	1818.0	1616.2	1515.2	1449.5
142.5°	1914.2	1935.2	2019.3	2103.5	2019.3	1935.2	1914.2	1781.2	1603.8	1515.2	1454.7
145°	1831.4	1847.3	1910.9	1974.5	1910.9	1847.3	1831.4	1722.6	1577.4	1504.9	1454.7
147.5°	1761.8	1774.9	1827.7	1880.5	1827.7	1774.9	1761.8	1676.1	1562.0	1504.9	1464.7
150°	1721.9	1732.6	1775.3	1818.0	1775.3	1732.6	1721.9	1649.6	1553.1	1504.9	1469.9
152.5°	1690.2	1698.3	1730.5	1762.8	1730.5	1698.3	1690.2	1628.4	1546.1	1504.9	1473.3
155°	1652.3	1657.7	1679.0	1700.3	1679.0	1657.7	1652.3	1603.2	1537.7	1504.9	1480.8
157.5°	1619.5	1623.3	1638.3	1653.3	1638.3	1623.3	1619.5	1581.3	1530.4	1504.9	1488.3
160°	1603.1	1605.3	1613.9	1622.6	1613.9	1605.3	1603.1	1570.4	1526.8	1504.9	1491.8
162.5°	1587.8	1589.9	1598.1	1606.3	1598.1	1589.9	1587.8	1560.2	1523.3	1504.9	1495.3
165°	1564.3	1566.5	1575.1	1583.8	1575.1	1566.5	1564.3	1544.5	1518.2	1504.9	1500.6
167.5°	1554.0	1554.9	1558.6	1562.2	1558.6	1554.9	1554.0	1541.1	1523.8	1515.2	1511.5
170°	1554.0	1554.0	1554.0	1554.0	1554.0	1554.0	1554.0	1541.1	1523.8	1515.2	1515.0
172.5°	1545.9	1545.1	1541.9	1538.7	1541.9	1545.1	1545.9	1535.6	1522.0	1515.2	1515.2
175°	1534.7	1534.7	1534.7	1534.7	1534.7	1534.7	1534.7	1528.1	1519.5	1515.2	1517.3
177.5°	1532.6	1531.7	1528.0	1524.4	1528.0	1531.7	1532.6	1527.4	1520.6	1517.3	1518.9
180°	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4	1524.4



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3534.3	3534.3	3534.3	3534.3	3534.3
2.5°	3490.8	3507.5	3517.6	3530.9	3564.3
5°	3357.0	3420.6	3440.6	3490.8	3551.0
7.5°	3062.8	3256.7	3310.2	3430.6	3524.2
10°	2778.6	2972.5	3066.2	3350.3	3490.8
12.5°	2634.8	2748.5	2812.0	3209.9	3444.0
15°	2544.5	2624.8	2671.6	3022.7	3390.5
17.5°	2474.3	2531.2	2564.6	2838.8	3316.9
20°	2430.9	2457.6	2487.7	2705.0	3233.3
22.5°	2400.7	2384.0	2407.5	2611.4	3119.6
25°	2380.7	2317.2	2343.9	2537.9	2985.9
27.5°	2397.4	2257.0	2267.0	2471.0	2845.4
30°	2400.7	2183.4	2186.7	2400.7	2688.3
32.5°	2377.3	2106.5	2109.9	2313.8	2511.1
35°	2320.5	2016.2	2012.9	2213.5	2270.3
37.5°	2243.6	1919.3	1919.3	2103.2	2006.2
40°	2150.0	1822.3	1832.3	1959.4	1772.2
42.5°	2036.3	1718.6	1732.1	1768.8	1598.3
45°	1912.6	1618.3	1628.3	1494.6	1464.5
47.5°	1775.5	1514.7	1518.1	1240.5	1421.0
50°	1611.6	1407.7	1394.3	1063.3	1417.7
52.5°	1467.9	1290.6	1250.5	963.0	1287.3
55°	1327.5	1166.9	1080.0	886.0	1193.7
57.5°	1203.7	1006.5	922.9	795.8	1173.6
60°	1090.1	849.3	785.8	698.8	1076.6
62.5°	996.4	732.3	718.9	631.9	976.3
65°	896.1	652.0	648.6	575.1	829.2
67.5°	799.1	598.5	595.2	521.6	631.9
70°	695.5	541.7	535.0	464.8	468.1
72.5°	588.5	478.2	471.5	417.9	387.9
75°	481.5	404.6	401.2	364.5	314.3
77.5°	377.8	321.0	327.7	294.2	230.7
80°	270.8	234.1	240.8	210.6	173.9
82.5°	180.6	153.8	160.5	133.8	117.0
85°	100.3	86.9	90.3	70.2	53.5
87.5°	46.8	40.1	40.1	26.8	16.7
90°	45.1	28.7	26.6	18.5	10.3
92.5°	277.6	197.5	180.1	110.5	40.9
95°	683.1	384.7	352.9	225.6	98.2
97.5°	920.1	422.6	394.5	282.2	169.8
100°	1006.4	454.3	428.8	326.9	225.1
102.5°	1046.0	486.0	462.2	367.1	272.1
105°	1075.2	533.0	512.9	432.4	351.9
107.5°	1080.7	602.6	583.8	508.8	433.8
110°	1072.6	641.5	624.6	556.8	489.1



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	1072.9	688.5	672.4	607.8	543.3
115°	1082.7	759.1	744.2	684.7	625.1
117.5°	1102.9	827.6	814.1	760.1	705.9
120°	1119.2	867.6	854.8	803.9	753.0
122.5°	1142.7	914.6	901.7	850.4	799.0
125°	1174.4	975.0	963.3	916.5	869.6
127.5°	1206.2	1033.3	1021.5	974.3	926.9
130°	1229.4	1072.2	1059.4	1008.6	957.6
132.5°	1248.1	1103.9	1091.1	1040.3	989.3
135°	1268.6	1140.7	1129.2	1082.7	1036.4
137.5°	1299.3	1187.8	1176.3	1130.4	1084.4
140°	1318.1	1219.5	1208.9	1166.6	1124.3
142.5°	1333.7	1243.0	1233.2	1194.2	1155.1
145°	1354.3	1278.9	1270.4	1236.2	1202.1
147.5°	1384.3	1323.9	1315.6	1282.4	1249.2
150°	1399.9	1347.4	1339.9	1309.9	1279.9
152.5°	1410.2	1362.7	1357.0	1334.3	1311.6
155°	1432.7	1396.5	1392.3	1375.5	1358.7
157.5°	1455.1	1430.2	1426.2	1409.8	1393.5
160°	1465.4	1445.6	1442.5	1429.7	1417.0
162.5°	1476.3	1461.9	1459.6	1450.0	1440.5
165°	1492.0	1485.6	1483.4	1474.8	1466.1
167.5°	1504.2	1498.8	1497.8	1493.7	1489.6
170°	1514.5	1514.2	1513.2	1509.1	1504.9
172.5°	1515.2	1515.2	1515.0	1514.0	1513.1
175°	1521.3	1524.4	1524.4	1524.4	1524.4
177.5°	1522.0	1524.4	1524.4	1524.4	1524.4
180°	1524.4	1524.4	1524.4	1524.4	1524.4



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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	14.35	15.19	15.32	16.18	17.48	17.19	18.03	18.16	19.02	20.32
	3H	14.83	15.58	15.81	16.58	17.90	18.53	19.29	19.52	20.29	21.61
	4H	15.02	15.73	16.01	16.73	18.06	18.98	19.70	19.98	20.70	22.02
	6H	15.13	15.79	16.14	16.80	18.14	19.27	19.93	20.27	20.93	22.27
	8H	15.13	15.76	16.15	16.78	18.12	19.34	19.97	20.35	20.99	22.33
	12H	15.11	15.70	16.12	16.72	18.08	19.38	19.98	20.40	20.99	22.35
4H	2H	15.38	16.10	16.39	17.10	18.43	17.59	18.31	18.60	19.31	20.64
	3H	16.41	17.00	17.42	18.03	19.37	19.10	19.70	20.11	20.73	22.07
	4H	16.68	17.23	17.70	18.25	19.61	19.63	20.18	20.65	21.20	22.56
	6H	16.81	17.28	17.84	18.32	19.68	20.00	20.47	21.03	21.51	22.87
	8H	16.81	17.25	17.85	18.29	19.66	20.10	20.54	21.14	21.58	22.96
	12H	16.78	17.18	17.83	18.23	19.61	20.16	20.56	21.21	21.61	22.99
8H	4H	17.14	17.58	18.17	18.61	19.99	19.75	20.19	20.79	21.23	22.60
	6H	17.40	17.76	18.45	18.84	20.21	20.19	20.55	21.25	21.63	23.01
	8H	17.44	17.76	18.50	18.82	20.22	20.34	20.66	21.41	21.73	23.12
	12H	17.42	17.70	18.49	18.76	20.20	20.44	20.72	21.51	21.78	23.22
12H	4H	17.14	17.54	18.19	18.59	19.97	19.72	20.11	20.77	21.16	22.55
	6H	17.46	17.78	18.52	18.84	20.23	20.19	20.51	21.25	21.57	22.96
	8H	17.52	17.81	18.59	18.86	20.30	20.35	20.63	21.42	21.69	23.12