

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: P935320

Luminaire Tested: SQ4-FA-100U-125D-840-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935320
REPORT IS A COMBINATION OF REPORTS P933752 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-840-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

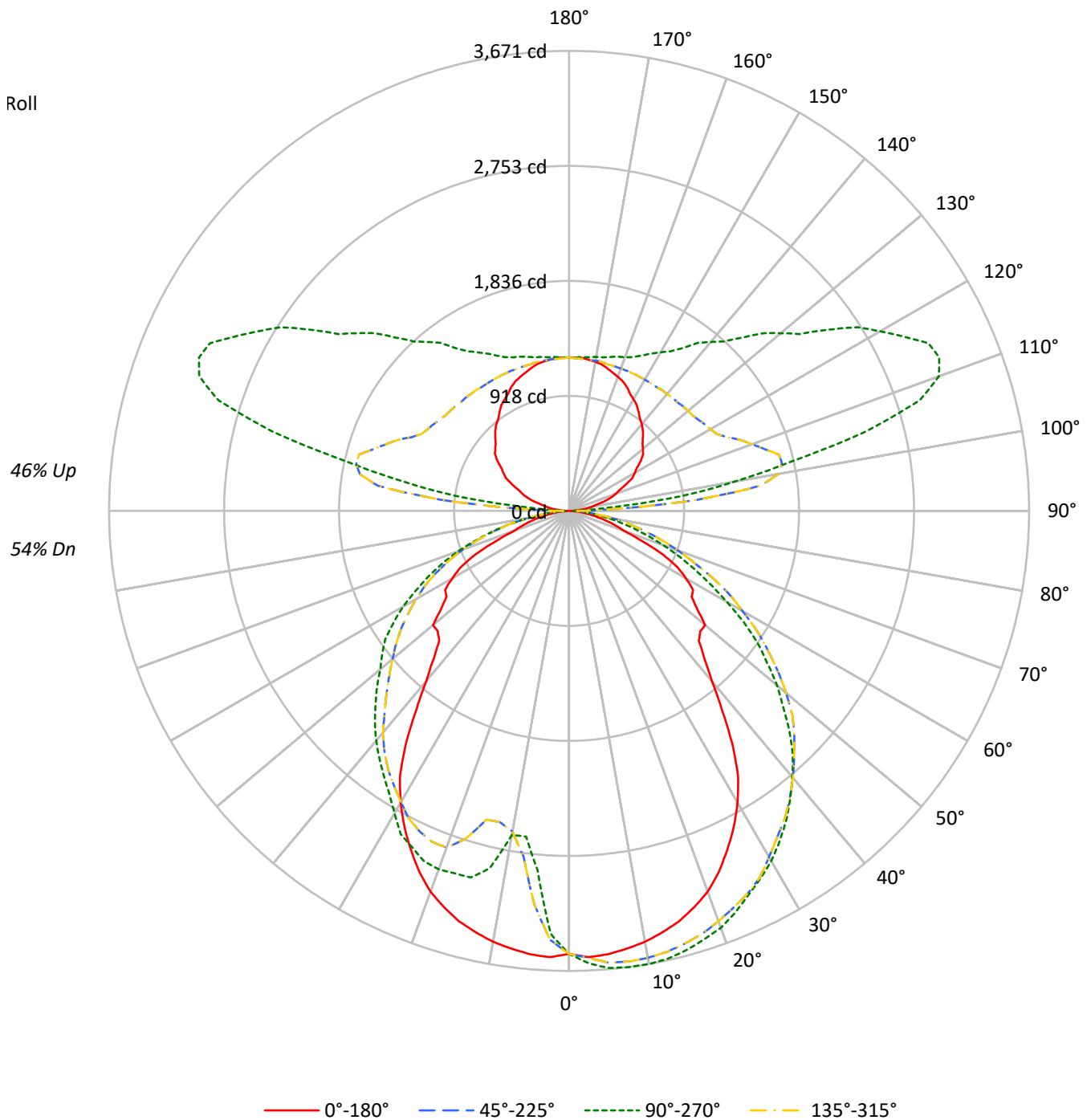
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17107.2 lumens
Efficiency: N/A
Efficacy: 124.3 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: General Diffuse

Input Watts (W): 137.6
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





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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	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	59	59	59	54
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	53	51	50	45
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	46	44	42	38
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	41	38	36	32
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	37	34	31	28
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	33	30	27	24
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	30	26	24	21
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	27	24	21	19
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	25	22	19	17
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	23	20	17	15
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	21	18	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16398	16398	16398	16398
5°	16520	16553	16520	13015
10°	16410	16305	16410	11657
15°	16231	15952	16231	13320
20°	15892	15533	15892	13348
25°	15197	14923	15197	13065
30°	14299	14416	14299	12444
35°	12747	13775	12747	11762
40°	10622	13021	10622	11246
45°	9491	12137	9491	10653
50°	10083	11084	10083	10058
55°	9486	9949	9486	9713
60°	9778	8450	9778	8897
65°	8866	6985	8866	7808
70°	6139	5566	6139	6545
75°	5383	4114	5383	4927
80°	4339	2720	4339	2962
85°	2492	1441	2492	1225

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14546 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	319.0	1.9
10°-20°	905.8	5.3
20°-30°	1400.2	8.2
30°-40°	1671.6	9.8
40°-50°	1681.4	9.8
50°-60°	1463.0	8.6
60°-70°	1037.3	6.1
70°-80°	548.8	3.2
80°-90°	141.3	0.8
90°-100°	597.0	3.5
100°-110°	1569.4	9.2
110°-120°	1627.3	9.5
120°-130°	1305.3	7.6
130°-140°	1024.2	6.0
140°-150°	786.1	4.6
150°-160°	566.1	3.3
160°-170°	346.4	2.0
170°-180°	117.0	0.7
0°-30°	2625.1	15.3
0°-40°	4296.6	25.1
0°-60°	7441.0	43.5
0°-90°	9168.4	53.6
90°-120°	3793.7	22.2
90°-150°	6909.3	40.4
90°-180°	7939.0	46.4
0°-180°	17107.2	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°	8	31	8	31	8	9
95°	79	361	79	361	79	88
105°	283	2458	283	2458	283	300
115°	502	3164	502	3164	502	496
125°	699	2520	699	2520	699	620
135°	833	1955	833	1955	833	644
145°	966	1586	966	1586	966	605
155°	1091	1366	1091	1366	1091	502
165°	1178	1272	1178	1272	1178	332
175°	1225	1233	1225	1233	1225	116
180°	1225	1225	1225	1225	1225	



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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°	8.2	14.8	21.3	23.0	36.2	53.6	62.4	55.5	41.6	31.2	31.2
92.5°	32.9	88.8	144.7	158.7	223.0	308.8	351.7	308.3	221.4	156.2	150.0
95°	78.9	181.2	283.5	309.0	548.7	868.4	1028.2	917.6	696.1	530.2	511.4
97.5°	136.4	226.6	317.0	339.5	739.2	1272.1	1538.6	1468.7	1328.8	1223.8	1188.1
100°	180.8	262.6	344.5	365.0	808.5	1399.9	1695.6	1700.7	1710.9	1718.6	1675.9
102.5°	218.6	294.9	371.3	390.4	840.2	1440.0	1740.0	1829.1	2007.4	2141.1	2104.5
105°	282.8	347.4	412.0	428.2	863.8	1444.7	1735.0	1934.8	2334.4	2634.2	2614.5
107.5°	348.5	408.7	469.0	484.1	868.3	1380.3	1636.4	1915.1	2472.6	2890.6	2895.3
110°	392.8	447.3	501.7	515.3	861.6	1323.3	1554.2	1865.8	2489.0	2956.4	2976.8



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	436.4	488.3	540.2	553.2	861.9	1273.6	1479.4	1798.4	2436.1	2914.5	2945.9
115°	502.2	550.0	597.9	609.9	869.8	1216.5	1389.8	1697.1	2311.5	2772.3	2815.9
117.5°	567.1	610.6	654.1	664.9	886.0	1180.8	1328.2	1605.4	2160.0	2575.8	2624.1
120°	605.0	645.9	686.8	696.9	899.2	1168.8	1303.6	1556.9	2063.5	2443.5	2490.5
122.5°	641.9	683.2	724.5	734.8	918.0	1162.4	1284.6	1512.7	1969.0	2311.2	2357.6
125°	698.6	736.3	773.9	783.3	943.5	1157.2	1264.0	1457.9	1845.5	2136.2	2178.8
127.5°	744.7	782.6	820.6	830.1	969.0	1154.3	1246.9	1413.2	1746.0	1995.6	2031.5
130°	769.3	810.2	851.1	861.3	987.6	1156.1	1240.2	1388.3	1684.6	1906.8	1940.0
132.5°	794.7	835.7	876.6	886.8	1002.7	1157.2	1234.5	1367.1	1632.3	1831.2	1860.9
135°	832.6	869.8	907.2	916.5	1019.2	1156.2	1224.6	1335.7	1557.8	1724.4	1750.0
137.5°	871.2	908.1	945.0	954.2	1043.8	1163.3	1222.9	1316.8	1504.6	1645.4	1666.5
140°	903.2	937.2	971.2	979.7	1058.8	1164.5	1217.2	1298.3	1460.6	1582.2	1601.8
142.5°	927.9	959.3	990.8	998.6	1071.5	1168.6	1217.2	1288.5	1430.9	1537.8	1554.7
145°	965.8	993.1	1020.6	1027.4	1088.0	1168.7	1209.0	1267.3	1383.8	1471.2	1484.0
147.5°	1003.5	1030.2	1056.9	1063.6	1112.1	1176.7	1209.0	1254.9	1346.5	1415.3	1425.9
150°	1028.2	1052.3	1076.4	1082.5	1124.6	1180.9	1209.0	1247.7	1325.2	1383.3	1391.9
152.5°	1053.7	1072.0	1090.3	1094.8	1132.8	1183.6	1209.0	1242.1	1308.2	1357.8	1364.3
155°	1091.4	1105.0	1118.5	1121.9	1150.9	1189.7	1209.0	1235.3	1288.0	1327.4	1331.6
157.5°	1119.4	1132.5	1145.8	1149.0	1169.0	1195.7	1209.0	1229.5	1270.4	1301.1	1304.1
160°	1138.4	1148.6	1158.8	1161.4	1177.3	1198.4	1209.0	1226.6	1261.7	1288.0	1289.7
162.5°	1157.2	1165.0	1172.7	1174.5	1186.0	1201.3	1209.0	1223.8	1253.4	1275.6	1277.3
165°	1177.8	1184.7	1191.6	1193.4	1198.6	1205.6	1209.0	1219.6	1240.8	1256.7	1258.5
167.5°	1196.7	1199.9	1203.3	1204.1	1208.4	1214.3	1217.2	1224.1	1238.1	1248.4	1249.1
170°	1209.0	1212.3	1215.6	1216.4	1216.7	1217.0	1217.2	1224.1	1238.1	1248.4	1248.4
172.5°	1215.6	1216.3	1217.0	1217.2	1217.2	1217.2	1217.2	1222.7	1233.7	1241.9	1241.3
175°	1224.6	1224.6	1224.6	1224.6	1222.2	1218.9	1217.2	1220.7	1227.6	1232.8	1232.8
177.5°	1224.6	1224.6	1224.6	1224.6	1222.7	1220.2	1218.9	1221.7	1227.1	1231.2	1230.6
180°	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6



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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°	31.2	31.2	31.2	31.2	31.2	41.6	55.5	62.4	53.6	36.2	23.0
92.5°	125.2	100.3	125.2	150.0	156.2	221.4	308.3	351.7	308.8	223.0	158.7
95°	436.1	360.8	436.1	511.4	530.2	696.1	917.6	1028.2	868.4	548.7	309.0
97.5°	1044.8	901.6	1044.8	1188.1	1223.8	1328.8	1468.7	1538.6	1272.1	739.2	339.5
100°	1505.4	1334.8	1505.4	1675.9	1718.6	1710.9	1700.7	1695.6	1399.9	808.5	365.0
102.5°	1958.4	1812.3	1958.4	2104.5	2141.1	2007.4	1829.1	1740.0	1440.0	840.2	390.4
105°	2536.0	2457.5	2536.0	2614.5	2634.2	2334.4	1934.8	1735.0	1444.7	863.8	428.2
107.5°	2914.4	2933.4	2914.4	2895.3	2890.6	2472.6	1915.1	1636.4	1380.3	868.3	484.1
110°	3058.7	3140.5	3058.7	2976.8	2956.4	2489.0	1865.8	1554.2	1323.3	861.6	515.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3071.5	3197.2	3071.5	2945.9	2914.5	2436.1	1798.4	1479.4	1273.6	861.9	553.2
115°	2990.1	3164.4	2990.1	2815.9	2772.3	2311.5	1697.1	1389.8	1216.5	869.8	609.9
117.5°	2817.4	3010.6	2817.4	2624.1	2575.8	2160.0	1605.4	1328.2	1180.8	886.0	664.9
120°	2678.3	2866.0	2678.3	2490.5	2443.5	2063.5	1556.9	1303.6	1168.8	899.2	696.9
122.5°	2542.7	2727.9	2542.7	2357.6	2311.2	1969.0	1512.7	1284.6	1162.4	918.0	734.8
125°	2349.4	2520.0	2349.4	2178.8	2136.2	1845.5	1457.9	1264.0	1157.2	943.5	783.3
127.5°	2175.5	2319.4	2175.5	2031.5	1995.6	1746.0	1413.2	1246.9	1154.3	969.0	830.1
130°	2073.0	2206.0	2073.0	1940.0	1906.8	1684.6	1388.3	1240.2	1156.1	987.6	861.3
132.5°	1980.1	2099.1	1980.1	1860.9	1831.2	1632.3	1367.1	1234.5	1157.2	1002.7	886.8
135°	1852.7	1955.4	1852.7	1750.0	1724.4	1557.8	1335.7	1224.6	1156.2	1019.2	916.5
137.5°	1750.4	1834.5	1750.4	1666.5	1645.4	1504.6	1316.8	1222.9	1163.3	1043.8	954.2
140°	1680.3	1758.8	1680.3	1601.8	1582.2	1460.6	1298.3	1217.2	1164.5	1058.8	979.7
142.5°	1622.3	1689.9	1622.3	1554.7	1537.8	1430.9	1288.5	1217.2	1168.6	1071.5	998.6
145°	1535.2	1586.2	1535.2	1484.0	1471.2	1383.8	1267.3	1209.0	1168.7	1088.0	1027.4
147.5°	1468.3	1510.7	1468.3	1425.9	1415.3	1346.5	1254.9	1209.0	1176.7	1112.1	1063.6
150°	1426.2	1460.6	1426.2	1391.9	1383.3	1325.2	1247.7	1209.0	1180.9	1124.6	1082.5
152.5°	1390.2	1416.1	1390.2	1364.3	1357.8	1308.2	1242.1	1209.0	1183.6	1132.8	1094.8
155°	1348.8	1366.0	1348.8	1331.6	1327.4	1288.0	1235.3	1209.0	1189.7	1150.9	1121.9
157.5°	1316.1	1328.2	1316.1	1304.1	1301.1	1270.4	1229.5	1209.0	1195.7	1169.0	1149.0
160°	1296.7	1303.6	1296.7	1289.7	1288.0	1261.7	1226.6	1209.0	1198.4	1177.3	1161.4
162.5°	1283.8	1290.4	1283.8	1277.3	1275.6	1253.4	1223.8	1209.0	1201.3	1186.0	1174.5
165°	1265.4	1272.3	1265.4	1258.5	1256.7	1240.8	1219.6	1209.0	1205.6	1198.6	1193.4
167.5°	1252.1	1255.1	1252.1	1249.1	1248.4	1238.1	1224.1	1217.2	1214.3	1208.4	1204.1
170°	1248.4	1248.4	1248.4	1248.4	1248.4	1238.1	1224.1	1217.2	1217.0	1216.7	1216.4
172.5°	1238.8	1236.2	1238.8	1241.3	1241.9	1233.7	1222.7	1217.2	1217.2	1217.2	1217.2
175°	1232.8	1232.8	1232.8	1232.8	1232.8	1227.6	1220.7	1217.2	1218.9	1222.2	1224.6
177.5°	1227.6	1224.6	1227.6	1230.6	1231.2	1227.1	1221.7	1218.9	1220.2	1222.7	1224.6
180°	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6



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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°	21.3	14.8	8.2	14.8	21.3	23.0	36.2	53.6	62.4	55.5	41.6
92.5°	144.7	88.8	32.9	88.8	144.7	158.7	223.0	308.8	351.7	308.3	221.4
95°	283.5	181.2	78.9	181.2	283.5	309.0	548.7	868.4	1028.2	917.6	696.1
97.5°	317.0	226.6	136.4	226.6	317.0	339.5	739.2	1272.1	1538.6	1468.7	1328.8
100°	344.5	262.6	180.8	262.6	344.5	365.0	808.5	1399.9	1695.6	1700.7	1710.9
102.5°	371.3	294.9	218.6	294.9	371.3	390.4	840.2	1440.0	1740.0	1829.1	2007.4
105°	412.0	347.4	282.8	347.4	412.0	428.2	863.8	1444.7	1735.0	1934.8	2334.4
107.5°	469.0	408.7	348.5	408.7	469.0	484.1	868.3	1380.3	1636.4	1915.1	2472.6
110°	501.7	447.3	392.8	447.3	501.7	515.3	861.6	1323.3	1554.2	1865.8	2489.0



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	540.2	488.3	436.4	488.3	540.2	553.2	861.9	1273.6	1479.4	1798.4	2436.1
115°	597.9	550.0	502.2	550.0	597.9	609.9	869.8	1216.5	1389.8	1697.1	2311.5
117.5°	654.1	610.6	567.1	610.6	654.1	664.9	886.0	1180.8	1328.2	1605.4	2160.0
120°	686.8	645.9	605.0	645.9	686.8	696.9	899.2	1168.8	1303.6	1556.9	2063.5
122.5°	724.5	683.2	641.9	683.2	724.5	734.8	918.0	1162.4	1284.6	1512.7	1969.0
125°	773.9	736.3	698.6	736.3	773.9	783.3	943.5	1157.2	1264.0	1457.9	1845.5
127.5°	820.6	782.6	744.7	782.6	820.6	830.1	969.0	1154.3	1246.9	1413.2	1746.0
130°	851.1	810.2	769.3	810.2	851.1	861.3	987.6	1156.1	1240.2	1388.3	1684.6
132.5°	876.6	835.7	794.7	835.7	876.6	886.8	1002.7	1157.2	1234.5	1367.1	1632.3
135°	907.2	869.8	832.6	869.8	907.2	916.5	1019.2	1156.2	1224.6	1335.7	1557.8
137.5°	945.0	908.1	871.2	908.1	945.0	954.2	1043.8	1163.3	1222.9	1316.8	1504.6
140°	971.2	937.2	903.2	937.2	971.2	979.7	1058.8	1164.5	1217.2	1298.3	1460.6
142.5°	990.8	959.3	927.9	959.3	990.8	998.6	1071.5	1168.6	1217.2	1288.5	1430.9
145°	1020.6	993.1	965.8	993.1	1020.6	1027.4	1088.0	1168.7	1209.0	1267.3	1383.8
147.5°	1056.9	1030.2	1003.5	1030.2	1056.9	1063.6	1112.1	1176.7	1209.0	1254.9	1346.5
150°	1076.4	1052.3	1028.2	1052.3	1076.4	1082.5	1124.6	1180.9	1209.0	1247.7	1325.2
152.5°	1090.3	1072.0	1053.7	1072.0	1090.3	1094.8	1132.8	1183.6	1209.0	1242.1	1308.2
155°	1118.5	1105.0	1091.4	1105.0	1118.5	1121.9	1150.9	1189.7	1209.0	1235.3	1288.0
157.5°	1145.8	1132.5	1119.4	1132.5	1145.8	1149.0	1169.0	1195.7	1209.0	1229.5	1270.4
160°	1158.8	1148.6	1138.4	1148.6	1158.8	1161.4	1177.3	1198.4	1209.0	1226.6	1261.7
162.5°	1172.7	1165.0	1157.2	1165.0	1172.7	1174.5	1186.0	1201.3	1209.0	1223.8	1253.4
165°	1191.6	1184.7	1177.8	1184.7	1191.6	1193.4	1198.6	1205.6	1209.0	1219.6	1240.8
167.5°	1203.3	1199.9	1196.7	1199.9	1203.3	1204.1	1208.4	1214.3	1217.2	1224.1	1238.1
170°	1215.6	1212.3	1209.0	1212.3	1215.6	1216.4	1216.7	1217.0	1217.2	1224.1	1238.1
172.5°	1217.0	1216.3	1215.6	1216.3	1217.0	1217.2	1217.2	1217.2	1217.2	1222.7	1233.7
175°	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1222.2	1218.9	1217.2	1220.7	1227.6
177.5°	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1222.7	1220.2	1218.9	1221.7	1227.1
180°	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6



TEST NUMBER: P935320
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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°	31.2	31.2	31.2	31.2	31.2	31.2	31.2	41.6	55.5	62.4	53.6
92.5°	156.2	150.0	125.2	100.3	125.2	150.0	156.2	221.4	308.3	351.7	308.8
95°	530.2	511.4	436.1	360.8	436.1	511.4	530.2	696.1	917.6	1028.2	868.4
97.5°	1223.8	1188.1	1044.8	901.6	1044.8	1188.1	1223.8	1328.8	1468.7	1538.6	1272.1
100°	1718.6	1675.9	1505.4	1334.8	1505.4	1675.9	1718.6	1710.9	1700.7	1695.6	1399.9
102.5°	2141.1	2104.5	1958.4	1812.3	1958.4	2104.5	2141.1	2007.4	1829.1	1740.0	1440.0
105°	2634.2	2614.5	2536.0	2457.5	2536.0	2614.5	2634.2	2334.4	1934.8	1735.0	1444.7
107.5°	2890.6	2895.3	2914.4	2933.4	2914.4	2895.3	2890.6	2472.6	1915.1	1636.4	1380.3
110°	2956.4	2976.8	3058.7	3140.5	3058.7	2976.8	2956.4	2489.0	1865.8	1554.2	1323.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2914.5	2945.9	3071.5	3197.2	3071.5	2945.9	2914.5	2436.1	1798.4	1479.4	1273.6
115°	2772.3	2815.9	2990.1	3164.4	2990.1	2815.9	2772.3	2311.5	1697.1	1389.8	1216.5
117.5°	2575.8	2624.1	2817.4	3010.6	2817.4	2624.1	2575.8	2160.0	1605.4	1328.2	1180.8
120°	2443.5	2490.5	2678.3	2866.0	2678.3	2490.5	2443.5	2063.5	1556.9	1303.6	1168.8
122.5°	2311.2	2357.6	2542.7	2727.9	2542.7	2357.6	2311.2	1969.0	1512.7	1284.6	1162.4
125°	2136.2	2178.8	2349.4	2520.0	2349.4	2178.8	2136.2	1845.5	1457.9	1264.0	1157.2
127.5°	1995.6	2031.5	2175.5	2319.4	2175.5	2031.5	1995.6	1746.0	1413.2	1246.9	1154.3
130°	1906.8	1940.0	2073.0	2206.0	2073.0	1940.0	1906.8	1684.6	1388.3	1240.2	1156.1
132.5°	1831.2	1860.9	1980.1	2099.1	1980.1	1860.9	1831.2	1632.3	1367.1	1234.5	1157.2
135°	1724.4	1750.0	1852.7	1955.4	1852.7	1750.0	1724.4	1557.8	1335.7	1224.6	1156.2
137.5°	1645.4	1666.5	1750.4	1834.5	1750.4	1666.5	1645.4	1504.6	1316.8	1222.9	1163.3
140°	1582.2	1601.8	1680.3	1758.8	1680.3	1601.8	1582.2	1460.6	1298.3	1217.2	1164.5
142.5°	1537.8	1554.7	1622.3	1689.9	1622.3	1554.7	1537.8	1430.9	1288.5	1217.2	1168.6
145°	1471.2	1484.0	1535.2	1586.2	1535.2	1484.0	1471.2	1383.8	1267.3	1209.0	1168.7
147.5°	1415.3	1425.9	1468.3	1510.7	1468.3	1425.9	1415.3	1346.5	1254.9	1209.0	1176.7
150°	1383.3	1391.9	1426.2	1460.6	1426.2	1391.9	1383.3	1325.2	1247.7	1209.0	1180.9
152.5°	1357.8	1364.3	1390.2	1416.1	1390.2	1364.3	1357.8	1308.2	1242.1	1209.0	1183.6
155°	1327.4	1331.6	1348.8	1366.0	1348.8	1331.6	1327.4	1288.0	1235.3	1209.0	1189.7
157.5°	1301.1	1304.1	1316.1	1328.2	1316.1	1304.1	1301.1	1270.4	1229.5	1209.0	1195.7
160°	1288.0	1289.7	1296.7	1303.6	1296.7	1289.7	1288.0	1261.7	1226.6	1209.0	1198.4
162.5°	1275.6	1277.3	1283.8	1290.4	1283.8	1277.3	1275.6	1253.4	1223.8	1209.0	1201.3
165°	1256.7	1258.5	1265.4	1272.3	1265.4	1258.5	1256.7	1240.8	1219.6	1209.0	1205.6
167.5°	1248.4	1249.1	1252.1	1255.1	1252.1	1249.1	1248.4	1238.1	1224.1	1217.2	1214.3
170°	1248.4	1248.4	1248.4	1248.4	1248.4	1248.4	1248.4	1238.1	1224.1	1217.2	1217.0
172.5°	1241.9	1241.3	1238.8	1236.2	1238.8	1241.3	1241.9	1233.7	1222.7	1217.2	1217.2
175°	1232.8	1232.8	1232.8	1232.8	1232.8	1232.8	1232.8	1227.6	1220.7	1217.2	1218.9
177.5°	1231.2	1230.6	1227.6	1224.6	1227.6	1230.6	1231.2	1227.1	1221.7	1218.9	1220.2
180°	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6	1224.6



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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°	36.2	23.0	21.3	14.8	8.2
92.5°	223.0	158.7	144.7	88.8	32.9
95°	548.7	309.0	283.5	181.2	78.9
97.5°	739.2	339.5	317.0	226.6	136.4
100°	808.5	365.0	344.5	262.6	180.8
102.5°	840.2	390.4	371.3	294.9	218.6
105°	863.8	428.2	412.0	347.4	282.8
107.5°	868.3	484.1	469.0	408.7	348.5
110°	861.6	515.3	501.7	447.3	392.8



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	861.9	553.2	540.2	488.3	436.4
115°	869.8	609.9	597.9	550.0	502.2
117.5°	886.0	664.9	654.1	610.6	567.1
120°	899.2	696.9	686.8	645.9	605.0
122.5°	918.0	734.8	724.5	683.2	641.9
125°	943.5	783.3	773.9	736.3	698.6
127.5°	969.0	830.1	820.6	782.6	744.7
130°	987.6	861.3	851.1	810.2	769.3
132.5°	1002.7	886.8	876.6	835.7	794.7
135°	1019.2	916.5	907.2	869.8	832.6
137.5°	1043.8	954.2	945.0	908.1	871.2
140°	1058.8	979.7	971.2	937.2	903.2
142.5°	1071.5	998.6	990.8	959.3	927.9
145°	1088.0	1027.4	1020.6	993.1	965.8
147.5°	1112.1	1063.6	1056.9	1030.2	1003.5
150°	1124.6	1082.5	1076.4	1052.3	1028.2
152.5°	1132.8	1094.8	1090.3	1072.0	1053.7
155°	1150.9	1121.9	1118.5	1105.0	1091.4
157.5°	1169.0	1149.0	1145.8	1132.5	1119.4
160°	1177.3	1161.4	1158.8	1148.6	1138.4
162.5°	1186.0	1174.5	1172.7	1165.0	1157.2
165°	1198.6	1193.4	1191.6	1184.7	1177.8
167.5°	1208.4	1204.1	1203.3	1199.9	1196.7
170°	1216.7	1216.4	1215.6	1212.3	1209.0
172.5°	1217.2	1217.2	1217.0	1216.3	1215.6
175°	1222.2	1224.6	1224.6	1224.6	1224.6
177.5°	1222.7	1224.6	1224.6	1224.6	1224.6
180°	1224.6	1224.6	1224.6	1224.6	1224.6



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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	14.85	15.75	15.78	16.69	17.91	17.69	18.58	18.61	19.53	20.75
	3H	15.33	16.13	16.27	17.09	18.33	19.04	19.84	19.98	20.79	22.04
	4H	15.52	16.28	16.48	17.24	18.49	19.49	20.25	20.44	21.20	22.45
	6H	15.64	16.34	16.61	17.31	18.57	19.78	20.47	20.74	21.44	22.70
	8H	15.65	16.31	16.62	17.29	18.55	19.85	20.52	20.82	21.50	22.76
	12H	15.62	16.25	16.59	17.23	18.51	19.89	20.53	20.87	21.50	22.79
4H	2H	15.89	16.65	16.85	17.61	18.86	18.10	18.86	19.06	19.82	21.07
	3H	16.92	17.55	17.89	18.54	19.81	19.61	20.25	20.58	21.23	22.50
	4H	17.20	17.78	18.18	18.76	20.05	20.14	20.72	21.12	21.70	22.99
	6H	17.33	17.82	18.31	18.83	20.12	20.51	21.01	21.50	22.02	23.30
	8H	17.33	17.80	18.32	18.79	20.10	20.62	21.09	21.61	22.08	23.39
	12H	17.30	17.72	18.31	18.73	20.04	20.68	21.10	21.69	22.12	23.42
8H	4H	17.66	18.12	18.65	19.12	20.42	20.27	20.74	21.26	21.73	23.04
	6H	17.92	18.30	18.93	19.34	20.64	20.71	21.10	21.73	22.14	23.44
	8H	17.96	18.30	18.99	19.33	20.65	20.87	21.20	21.89	22.23	23.55
	12H	17.95	18.24	18.97	19.27	20.63	20.97	21.26	21.99	22.29	23.65
12H	4H	17.66	18.08	18.67	19.10	20.41	20.24	20.66	21.25	21.67	22.98
	6H	17.98	18.32	19.00	19.35	20.67	20.71	21.05	21.73	22.07	23.39
	8H	18.05	18.35	19.08	19.37	20.73	20.87	21.17	21.90	22.19	23.56