

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: P935820

Luminaire Tested: SQ4-FA-150U-050D-840-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935820
REPORT IS A COMBINATION OF REPORTS P933772 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-050D-840-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

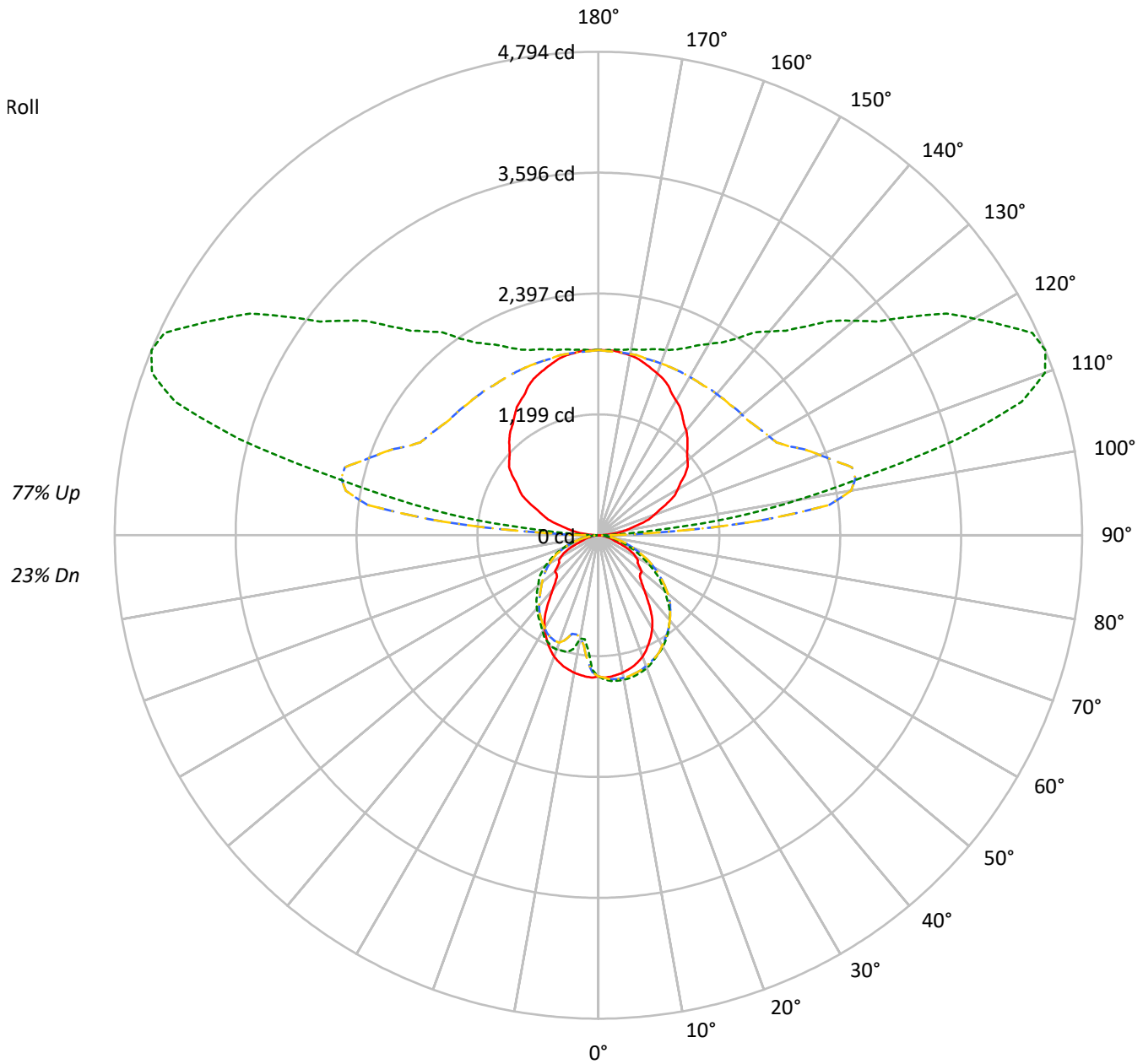
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15543.2 lumens
Efficiency: N/A
Efficacy: 139.8 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 111.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	101	101	101	101	90	90	90	90	69	69	69	49	49	49	32	32	32	32	32	32	23
1	92	88	84	81	81	78	75	72	60	58	56	43	42	41	28	27	27	27	27	27	20
2	84	77	71	66	74	68	63	59	52	49	46	38	36	34	25	24	23	23	23	23	17
3	76	67	60	55	67	60	54	49	46	42	39	34	31	29	22	20	19	19	19	19	14
4	70	59	52	46	62	53	47	42	41	37	33	30	27	25	19	18	16	16	16	16	12
5	64	53	45	39	56	47	40	36	36	32	28	27	24	21	17	16	14	14	14	14	10
6	59	47	39	34	52	42	35	31	33	28	24	24	21	18	16	14	12	12	12	12	9
7	54	42	35	29	48	38	31	27	30	25	21	22	19	16	14	12	11	11	11	11	8
8	50	38	31	26	44	34	28	23	27	22	19	20	17	14	13	11	10	10	10	10	7
9	46	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9	9	9	9	6
10	43	32	25	20	38	28	22	18	22	18	15	17	14	11	11	9	8	8	8	8	6

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6499	6499	6499	6499
5°	6548	6560	6548	5158
10°	6504	6462	6504	4620
15°	6433	6322	6433	5279
20°	6298	6156	6298	5290
25°	6023	5914	6023	5178
30°	5667	5714	5667	4932
35°	5052	5460	5052	4661
40°	4210	5161	4210	4457
45°	3761	4810	3761	4222
50°	3996	4393	3996	3986
55°	3760	3943	3760	3850
60°	3876	3349	3876	3526
65°	3513	2769	3513	3094
70°	2433	2207	2433	2594
75°	2134	1631	2134	1953
80°	1719	1078	1719	1173
85°	987	572	987	486

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5765 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.4	0.8
10°-20°	359.0	2.3
20°-30°	555.0	3.6
30°-40°	662.5	4.3
40°-50°	666.4	4.3
50°-60°	579.8	3.7
60°-70°	411.1	2.6
70°-80°	217.5	1.4
80°-90°	61.2	0.4
90°-100°	895.1	5.8
100°-110°	2353.4	15.1
110°-120°	2440.2	15.7
120°-130°	1957.3	12.6
130°-140°	1535.8	9.9
140°-150°	1178.8	7.6
150°-160°	848.9	5.5
160°-170°	519.4	3.3
170°-180°	175.5	1.1
0°-30°	1040.4	6.7
0°-40°	1702.9	11.0
0°-60°	2949.1	19.0
0°-90°	3638.9	23.4
90°-120°	5688.7	36.6
90°-150°	10360.5	66.7
90°-180°	11904.0	76.6
0°-180°	15543.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1401	1401	1401	1401	1401	
5°	1407	1451	1407	1141	1407	134
15°	1344	1438	1344	1201	1344	378
25°	1183	1341	1183	1174	1183	543
35°	900	1197	900	1022	900	557
45°	580	986	580	865	580	465
55°	473	728	473	710	473	435
65°	329	439	329	490	329	314
75°	125	208	125	249	125	131
85°	21	53	21	45	21	29
90°	12	47	12	47	12	11
95°	118	541	118	541	118	131
105°	424	3685	424	3685	424	449
115°	753	4745	753	4745	753	744
125°	1048	3779	1048	3779	1048	930
135°	1248	2932	1248	2932	1248	966
145°	1448	2379	1448	2379	1448	907
155°	1637	2048	1637	2048	1637	752
165°	1766	1908	1766	1908	1766	498
175°	1836	1849	1836	1849	1836	174
180°	1836	1836	1836	1836	1836	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8
2.5°	1412.6	1412.6	1420.6	1423.3	1423.3	1419.3	1415.3	1419.3	1431.2	1435.2	1433.9
5°	1407.4	1418.0	1432.6	1435.2	1437.8	1436.6	1433.9	1436.6	1449.8	1452.5	1453.7
7.5°	1396.7	1416.7	1435.2	1439.2	1443.2	1439.2	1437.8	1440.5	1453.7	1456.4	1456.4
10°	1383.5	1411.4	1432.6	1435.2	1439.2	1435.2	1435.2	1440.5	1453.7	1456.4	1457.7
12.5°	1364.9	1403.4	1423.3	1425.9	1431.2	1429.9	1428.5	1433.9	1447.1	1449.8	1449.8
15°	1343.8	1388.8	1407.4	1410.0	1419.3	1416.7	1416.7	1421.9	1436.6	1440.5	1439.2
17.5°	1314.6	1370.3	1391.5	1395.5	1402.1	1400.8	1402.1	1407.4	1420.6	1423.3	1424.6
20°	1281.4	1345.1	1370.3	1374.2	1380.8	1380.8	1380.8	1387.4	1400.8	1406.0	1406.0
22.5°	1236.4	1318.6	1345.1	1347.7	1355.7	1355.7	1358.3	1367.6	1379.5	1380.8	1380.8
25°	1183.4	1289.4	1312.0	1319.9	1327.9	1331.8	1335.8	1341.1	1345.1	1343.8	1345.1
27.5°	1127.8	1252.3	1281.4	1286.8	1297.3	1301.4	1306.6	1308.0	1309.3	1313.2	1310.7
30°	1065.5	1200.6	1244.4	1249.7	1266.9	1269.6	1264.2	1266.9	1273.5	1276.2	1278.9
32.5°	995.2	1123.8	1206.0	1217.9	1233.8	1225.8	1224.5	1228.5	1239.1	1239.1	1241.7
35°	899.8	1064.2	1170.2	1180.8	1192.7	1183.4	1188.8	1190.0	1196.7	1200.6	1199.3
37.5°	795.1	1012.5	1133.0	1141.0	1150.3	1138.4	1146.3	1150.3	1155.6	1152.9	1152.9
40°	702.4	931.6	1089.4	1094.6	1102.6	1093.3	1101.2	1103.9	1106.6	1103.9	1102.6
42.5°	633.4	842.9	1042.9	1049.6	1044.2	1050.9	1053.5	1058.8	1054.9	1049.6	1049.6
45°	580.4	819.0	992.5	1000.5	992.5	1003.2	1007.2	1007.2	995.2	992.5	991.3
47.5°	563.3	771.2	942.3	942.3	938.2	951.5	958.2	948.9	936.9	933.0	933.0
50°	561.9	718.3	873.3	868.1	886.5	902.4	895.8	886.5	877.2	862.7	862.7
52.5°	510.2	653.4	784.6	804.4	833.6	842.9	832.2	823.0	807.1	800.4	795.1
55°	473.1	585.8	703.7	743.5	773.9	785.9	766.0	756.7	732.8	728.8	726.2
57.5°	465.2	487.7	629.5	679.8	716.9	715.6	703.7	686.5	666.6	662.7	661.3
60°	426.7	352.5	549.9	609.6	648.0	644.1	633.4	617.5	599.0	596.4	593.7
62.5°	387.0	255.8	459.8	527.4	581.7	580.4	571.2	547.4	534.0	527.4	522.2
65°	328.6	214.7	327.3	438.7	516.8	519.5	499.6	482.3	467.8	459.8	458.5
67.5°	250.5	175.0	221.3	365.8	454.6	451.9	426.7	418.8	400.2	396.3	388.3
70°	185.5	116.6	153.7	296.9	393.6	387.0	367.0	357.9	340.6	331.3	326.0
72.5°	153.7	94.1	112.6	230.6	331.3	323.4	306.1	295.5	281.0	273.0	267.6
75°	124.6	99.4	86.2	170.9	269.0	263.7	247.8	237.2	225.3	214.7	216.0
77.5°	91.5	92.8	68.9	125.9	213.4	205.4	196.1	182.9	177.5	167.0	167.0
80°	68.9	72.9	51.7	86.2	153.7	153.7	145.7	136.5	127.3	121.9	121.9
82.5°	46.3	46.3	38.4	54.3	104.7	100.7	95.4	92.8	87.4	84.8	84.8
85°	21.2	26.5	23.8	33.1	57.0	59.7	59.7	57.0	55.6	53.1	54.3
87.5°	6.6	12.0	14.6	18.6	29.1	30.5	31.8	31.8	31.8	33.1	33.1
90°	12.4	22.2	32.0	34.5	54.2	80.5	93.7	83.3	62.4	46.8	46.8
92.5°	49.3	133.1	217.0	237.9	334.4	463.2	527.5	462.3	332.0	234.2	224.9
95°	118.4	271.7	425.0	463.4	822.8	1302.1	1541.8	1375.8	1043.9	794.9	766.7
97.5°	204.6	339.9	475.2	509.0	1108.4	1907.6	2307.2	2202.3	1992.5	1835.1	1781.5
100°	271.1	393.8	516.5	547.3	1212.4	2099.1	2542.5	2550.2	2565.5	2577.0	2513.1
102.5°	327.8	442.3	556.7	585.4	1260.0	2159.4	2609.1	2742.8	3010.0	3210.5	3155.8
105°	424.0	520.9	617.9	642.1	1295.3	2166.2	2601.7	2901.4	3500.6	3950.0	3920.6
107.5°	522.6	613.0	703.3	725.9	1301.9	2069.9	2453.8	2871.7	3707.7	4334.6	4341.7
110°	589.1	670.8	752.4	772.7	1292.0	1984.4	2330.6	2797.8	3732.3	4433.2	4463.8



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	654.5	732.2	810.0	829.4	1292.4	1909.7	2218.4	2696.5	3652.9	4370.2	4417.3
115°	753.1	824.8	896.5	914.5	1304.4	1824.1	2084.1	2544.7	3466.0	4157.0	4222.3
117.5°	850.4	915.6	980.8	997.1	1328.6	1770.6	1991.6	2407.4	3238.9	3862.5	3934.9
120°	907.1	968.4	1029.8	1045.1	1348.3	1752.5	1954.7	2334.5	3094.3	3664.1	3734.4
122.5°	962.5	1024.5	1086.3	1101.8	1376.7	1743.1	1926.3	2268.3	2952.5	3465.6	3535.1
125°	1047.6	1104.0	1160.4	1174.5	1414.8	1735.2	1895.5	2186.0	2767.2	3203.1	3267.0
127.5°	1116.6	1173.5	1230.6	1244.8	1453.1	1730.8	1869.6	2119.1	2618.1	2992.4	3046.3
130°	1153.6	1214.9	1276.3	1291.6	1481.0	1733.4	1859.7	2081.8	2526.1	2859.3	2909.2
132.5°	1191.8	1253.2	1314.5	1329.8	1503.6	1735.3	1851.1	2049.9	2447.6	2745.8	2790.5
135°	1248.4	1304.4	1360.3	1374.2	1528.2	1733.6	1836.3	2002.9	2335.9	2585.7	2624.1
137.5°	1306.4	1361.8	1417.0	1430.8	1565.2	1744.3	1833.9	1974.7	2256.2	2467.3	2498.8
140°	1354.4	1405.4	1456.3	1469.1	1587.8	1746.1	1825.2	1946.9	2190.1	2372.5	2401.9
142.5°	1391.4	1438.5	1485.7	1497.4	1606.7	1752.4	1825.2	1932.0	2145.6	2305.9	2331.2
145°	1448.1	1489.2	1530.3	1540.6	1631.4	1752.4	1812.9	1900.2	2075.0	2206.1	2225.3
147.5°	1504.8	1544.8	1584.9	1594.8	1667.5	1764.5	1812.9	1881.6	2019.1	2122.2	2138.1
150°	1541.8	1577.9	1614.1	1623.1	1686.3	1770.7	1812.9	1871.0	1987.1	2074.2	2087.1
152.5°	1580.0	1607.4	1634.8	1641.7	1698.8	1774.8	1812.9	1862.5	1961.6	2036.0	2045.7
155°	1636.7	1657.0	1677.2	1682.3	1725.8	1783.8	1812.9	1852.3	1931.2	1990.4	1996.8
157.5°	1678.6	1698.4	1718.0	1723.0	1752.9	1792.9	1812.9	1843.6	1905.0	1951.0	1955.5
160°	1707.0	1722.3	1737.6	1741.4	1765.3	1797.0	1812.9	1839.2	1891.8	1931.2	1933.8
162.5°	1735.3	1746.8	1758.3	1761.2	1778.4	1801.4	1812.9	1835.1	1879.5	1912.8	1915.2
165°	1766.0	1776.4	1786.9	1789.5	1797.3	1807.6	1812.9	1828.8	1860.6	1884.4	1887.0
167.5°	1794.4	1799.3	1804.3	1805.6	1812.1	1820.9	1825.2	1835.6	1856.5	1872.1	1873.1
170°	1812.9	1817.8	1822.8	1824.0	1824.4	1824.9	1825.2	1835.6	1856.5	1872.1	1872.1
172.5°	1822.8	1823.8	1824.9	1825.2	1825.2	1825.2	1825.2	1833.4	1849.8	1862.2	1861.2
175°	1836.3	1836.3	1836.3	1836.3	1832.6	1827.7	1825.2	1830.5	1840.8	1848.6	1848.6
177.5°	1836.3	1836.3	1836.3	1836.3	1833.4	1829.6	1827.7	1831.9	1840.1	1846.2	1845.1
180°	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8
2.5°	1436.6	1432.6	1436.6	1433.9	1435.2	1431.2	1419.3	1415.3	1419.3	1423.3	1423.3
5°	1453.7	1451.1	1453.7	1453.7	1452.5	1449.8	1436.6	1433.9	1436.6	1437.8	1435.2
7.5°	1459.1	1455.1	1459.1	1456.4	1456.4	1453.7	1440.5	1437.8	1439.2	1443.2	1439.2
10°	1459.1	1455.1	1459.1	1457.7	1456.4	1453.7	1440.5	1435.2	1435.2	1439.2	1435.2
12.5°	1452.5	1449.8	1452.5	1449.8	1449.8	1447.1	1433.9	1428.5	1429.9	1431.2	1425.9
15°	1441.8	1437.8	1441.8	1439.2	1440.5	1436.6	1421.9	1416.7	1416.7	1419.3	1410.0
17.5°	1425.9	1420.6	1425.9	1424.6	1423.3	1420.6	1407.4	1402.1	1400.8	1402.1	1395.5
20°	1407.4	1403.4	1407.4	1406.0	1406.0	1400.8	1387.4	1380.8	1380.8	1380.8	1374.2
22.5°	1378.3	1374.2	1378.3	1380.8	1380.8	1379.5	1367.6	1358.3	1355.7	1355.7	1347.7
25°	1345.1	1341.1	1345.1	1345.1	1343.8	1345.1	1341.1	1335.8	1331.8	1327.9	1319.9
27.5°	1313.2	1310.7	1313.2	1310.7	1313.2	1309.3	1308.0	1306.6	1301.4	1297.3	1286.8
30°	1281.4	1278.9	1281.4	1278.9	1276.2	1273.5	1266.9	1264.2	1269.6	1266.9	1249.7
32.5°	1241.7	1239.1	1241.7	1241.7	1239.1	1239.1	1228.5	1224.5	1225.8	1233.8	1217.9
35°	1200.6	1196.7	1200.6	1199.3	1200.6	1196.7	1190.0	1188.8	1183.4	1192.7	1180.8
37.5°	1152.9	1148.9	1152.9	1152.9	1152.9	1155.6	1150.3	1146.3	1138.4	1150.3	1141.0
40°	1103.9	1098.6	1103.9	1102.6	1103.9	1106.6	1103.9	1101.2	1093.3	1102.6	1094.6
42.5°	1048.3	1046.9	1048.3	1049.6	1049.6	1054.9	1058.8	1053.5	1050.9	1044.2	1049.6
45°	988.6	985.9	988.6	991.3	992.5	995.2	1007.2	1007.2	1003.2	992.5	1000.5
47.5°	925.0	918.3	925.0	933.0	933.0	936.9	948.9	958.2	951.5	938.2	942.3
50°	857.4	858.8	857.4	862.7	862.7	877.2	886.5	895.8	902.4	886.5	868.1
52.5°	791.2	789.8	791.2	795.1	800.4	807.1	823.0	832.2	842.9	833.6	804.4
55°	724.9	727.6	724.9	726.2	728.8	732.8	756.7	766.0	785.9	773.9	743.5
57.5°	658.6	654.6	658.6	661.3	662.7	666.6	686.5	703.7	715.6	716.9	679.8
60°	581.7	576.5	581.7	593.7	596.4	599.0	617.5	633.4	644.1	648.0	609.6
62.5°	514.2	504.9	514.2	522.2	527.4	534.0	547.4	571.2	580.4	581.7	527.4
65°	442.6	438.7	442.6	458.5	459.8	467.8	482.3	499.6	519.5	516.8	438.7
67.5°	377.7	377.7	377.7	388.3	396.3	400.2	418.8	426.7	451.9	454.6	365.8
70°	318.0	316.8	318.0	326.0	331.3	340.6	357.9	367.0	387.0	393.6	296.9
72.5°	261.0	259.7	261.0	267.6	273.0	281.0	295.5	306.1	323.4	331.3	230.6
75°	210.7	208.1	210.7	216.0	214.7	225.3	237.2	247.8	263.7	269.0	170.9
77.5°	161.6	161.6	161.6	167.0	167.0	177.5	182.9	196.1	205.4	213.4	125.9
80°	120.6	119.3	120.6	121.9	121.9	127.3	136.5	145.7	153.7	153.7	86.2
82.5°	84.8	82.2	84.8	84.8	84.8	87.4	92.8	95.4	100.7	104.7	54.3
85°	53.1	53.1	53.1	54.3	53.1	55.6	57.0	59.7	59.7	57.0	33.1
87.5°	34.5	33.1	34.5	33.1	33.1	31.8	31.8	31.8	30.5	29.1	18.6
90°	46.8	46.8	46.8	46.8	46.8	62.4	83.3	93.7	80.5	54.2	34.5
92.5°	187.6	150.4	187.6	224.9	234.2	332.0	462.3	527.5	463.2	334.4	237.9
95°	653.9	541.0	653.9	766.7	794.9	1043.9	1375.8	1541.8	1302.1	822.8	463.4
97.5°	1566.7	1352.0	1566.7	1781.5	1835.1	1992.5	2202.3	2307.2	1907.6	1108.4	509.0
100°	2257.3	2001.5	2257.3	2513.1	2577.0	2565.5	2550.2	2542.5	2099.1	1212.4	547.3
102.5°	2936.6	2717.6	2936.6	3155.8	3210.5	3010.0	2742.8	2609.1	2159.4	1260.0	585.4
105°	3802.8	3685.0	3802.8	3920.6	3950.0	3500.6	2901.4	2601.7	2166.2	1295.3	642.1
107.5°	4370.1	4398.6	4370.1	4341.7	4334.6	3707.7	2871.7	2453.8	2069.9	1301.9	725.9
110°	4586.5	4709.2	4586.5	4463.8	4433.2	3732.3	2797.8	2330.6	1984.4	1292.0	772.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4605.8	4794.2	4605.8	4417.3	4370.2	3652.9	2696.5	2218.4	1909.7	1292.4	829.4
115°	4483.6	4744.9	4483.6	4222.3	4157.0	3466.0	2544.7	2084.1	1824.1	1304.4	914.5
117.5°	4224.7	4514.5	4224.7	3934.9	3862.5	3238.9	2407.4	1991.6	1770.6	1328.6	997.1
120°	4016.0	4297.5	4016.0	3734.4	3664.1	3094.3	2334.5	1954.7	1752.5	1348.3	1045.1
122.5°	3812.8	4090.5	3812.8	3535.1	3465.6	2952.5	2268.3	1926.3	1743.1	1376.7	1101.8
125°	3522.9	3778.7	3522.9	3267.0	3203.1	2767.2	2186.0	1895.5	1735.2	1414.8	1174.5
127.5°	3262.2	3478.0	3262.2	3046.3	2992.4	2618.1	2119.1	1869.6	1730.8	1453.1	1244.8
130°	3108.5	3307.9	3108.5	2909.2	2859.3	2526.1	2081.8	1859.7	1733.4	1481.0	1291.6
132.5°	2969.0	3147.7	2969.0	2790.5	2745.8	2447.6	2049.9	1851.1	1735.3	1503.6	1329.8
135°	2778.1	2932.0	2778.1	2624.1	2585.7	2335.9	2002.9	1836.3	1733.6	1528.2	1374.2
137.5°	2624.8	2750.8	2624.8	2498.8	2467.3	2256.2	1974.7	1833.9	1744.3	1565.2	1430.8
140°	2519.7	2637.5	2519.7	2401.9	2372.5	2190.1	1946.9	1825.2	1746.1	1587.8	1469.1
142.5°	2432.6	2533.9	2432.6	2331.2	2305.9	2145.6	1932.0	1825.2	1752.4	1606.7	1497.4
145°	2301.9	2378.6	2301.9	2225.3	2206.1	2075.0	1900.2	1812.9	1752.4	1631.4	1540.6
147.5°	2201.7	2265.2	2201.7	2138.1	2122.2	2019.1	1881.6	1812.9	1764.5	1667.5	1594.8
150°	2138.6	2190.1	2138.6	2087.1	2074.2	1987.1	1871.0	1812.9	1770.7	1686.3	1623.1
152.5°	2084.6	2123.5	2084.6	2045.7	2036.0	1961.6	1862.5	1812.9	1774.8	1698.8	1641.7
155°	2022.6	2048.3	2022.6	1996.8	1990.4	1931.2	1852.3	1812.9	1783.8	1725.8	1682.3
157.5°	1973.5	1991.6	1973.5	1955.5	1951.0	1905.0	1843.6	1812.9	1792.9	1752.9	1723.0
160°	1944.3	1954.7	1944.3	1933.8	1931.2	1891.8	1839.2	1812.9	1797.0	1765.3	1741.4
162.5°	1925.0	1934.9	1925.0	1915.2	1912.8	1879.5	1835.1	1812.9	1801.4	1778.4	1761.2
165°	1897.5	1907.8	1897.5	1887.0	1884.4	1860.6	1828.8	1812.9	1807.6	1797.3	1789.5
167.5°	1877.6	1881.9	1877.6	1873.1	1872.1	1856.5	1835.6	1825.2	1820.9	1812.1	1805.6
170°	1872.1	1872.1	1872.1	1872.1	1872.1	1856.5	1835.6	1825.2	1824.9	1824.4	1824.0
172.5°	1857.4	1853.6	1857.4	1861.2	1862.2	1849.8	1833.4	1825.2	1825.2	1825.2	1825.2
175°	1848.6	1848.6	1848.6	1848.6	1848.6	1840.8	1830.5	1825.2	1827.7	1832.6	1836.3
177.5°	1840.6	1836.3	1840.6	1845.1	1846.2	1840.1	1831.9	1827.7	1829.6	1833.4	1836.3
180°	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8
2.5°	1420.6	1412.6	1412.6	1399.4	1394.2	1390.1	1383.5	1363.6	1358.3	1353.1	1361.0
5°	1432.6	1418.0	1407.4	1383.5	1363.6	1355.7	1330.5	1282.8	1251.0	1227.1	1213.9
7.5°	1435.2	1416.7	1396.7	1359.7	1312.0	1290.7	1213.9	1126.4	1102.6	1081.4	1068.1
10°	1432.6	1411.4	1383.5	1327.9	1215.2	1178.1	1101.2	1044.2	1029.7	1025.7	1029.7
12.5°	1423.3	1403.4	1364.9	1272.2	1114.5	1089.4	1044.2	1011.1	1008.5	1015.1	1050.9
15°	1407.4	1388.8	1343.8	1198.0	1058.8	1040.3	1008.5	996.6	1011.1	1057.6	1164.9
17.5°	1391.5	1370.3	1314.6	1125.1	1016.5	1003.2	980.7	1004.5	1086.7	1148.9	1184.7
20°	1370.3	1345.1	1281.4	1072.1	985.9	974.1	963.4	1070.8	1133.0	1155.6	1175.4
22.5°	1345.1	1318.6	1236.4	1035.0	954.1	944.9	951.5	1107.8	1133.0	1148.9	1166.1
25°	1312.0	1289.4	1183.4	1005.9	929.0	918.3	943.5	1103.9	1118.5	1122.5	1156.9
27.5°	1281.4	1252.3	1127.8	979.3	898.5	894.5	950.2	1086.7	1097.3	1101.2	1138.4
30°	1244.4	1200.6	1065.5	951.5	866.7	865.4	951.5	1065.5	1062.8	1073.5	1110.5
32.5°	1206.0	1123.8	995.2	917.1	836.2	834.9	942.3	1033.6	1031.0	1045.6	1073.5
35°	1170.2	1064.2	899.8	877.2	797.8	799.1	919.7	996.6	997.9	1011.1	1028.4
37.5°	1133.0	1012.5	795.1	833.6	760.7	760.7	889.2	962.1	959.4	963.4	987.3
40°	1089.4	931.6	702.4	776.6	726.2	722.2	852.2	925.0	915.7	914.4	947.5
42.5°	1042.9	842.9	633.4	701.1	686.5	681.1	807.1	879.9	862.7	866.7	909.1
45°	992.5	819.0	580.4	592.4	645.4	641.4	758.0	828.2	816.3	827.0	870.6
47.5°	942.3	771.2	563.3	491.6	601.7	600.3	703.7	777.9	771.2	781.9	828.2
50°	873.3	718.3	561.9	421.4	552.6	557.9	638.7	728.8	728.8	738.1	787.1
52.5°	784.6	653.4	510.2	381.7	495.6	511.5	581.7	686.5	689.1	698.4	742.1
55°	703.7	585.8	473.1	351.1	428.0	462.5	526.1	642.7	648.0	657.3	697.0
57.5°	629.5	487.7	465.2	315.4	365.8	398.9	477.1	600.3	603.0	610.9	649.3
60°	549.9	352.5	426.7	276.9	311.4	336.6	432.1	549.9	559.2	564.5	597.6
62.5°	459.8	255.8	387.0	250.5	284.9	290.2	394.9	502.3	514.2	518.2	538.1
65°	327.3	214.7	328.6	227.9	257.1	258.5	355.2	453.2	463.9	470.5	485.0
67.5°	221.3	175.0	250.5	206.7	235.9	237.2	316.8	396.3	410.8	416.1	425.4
70°	153.7	116.6	185.5	184.2	212.0	214.7	275.7	344.5	357.9	361.8	367.0
72.5°	112.6	94.1	153.7	165.7	186.8	189.5	233.3	286.2	299.5	303.5	306.1
75°	86.2	99.4	124.6	144.4	159.1	160.4	190.8	233.3	242.6	245.1	246.5
77.5°	68.9	92.8	91.5	116.6	129.8	127.3	149.8	180.2	188.2	188.2	188.2
80°	51.7	72.9	68.9	83.5	95.4	92.8	107.3	128.5	131.2	133.9	132.5
82.5°	38.4	46.3	46.3	53.1	63.6	61.0	71.5	83.5	83.5	83.5	86.2
85°	23.8	26.5	21.2	27.9	35.8	34.5	39.7	45.1	46.3	46.3	43.8
87.5°	14.6	12.0	6.6	10.6	15.9	15.9	18.6	19.9	18.6	18.6	18.6
90°	32.0	22.2	12.4	22.2	32.0	34.5	54.2	80.5	93.7	83.3	62.4
92.5°	217.0	133.1	49.3	133.1	217.0	237.9	334.4	463.2	527.5	462.3	332.0
95°	425.0	271.7	118.4	271.7	425.0	463.4	822.8	1302.1	1541.8	1375.8	1043.9
97.5°	475.2	339.9	204.6	339.9	475.2	509.0	1108.4	1907.6	2307.2	2202.3	1992.5
100°	516.5	393.8	271.1	393.8	516.5	547.3	1212.4	2099.1	2542.5	2550.2	2565.5
102.5°	556.7	442.3	327.8	442.3	556.7	585.4	1260.0	2159.4	2609.1	2742.8	3010.0
105°	617.9	520.9	424.0	520.9	617.9	642.1	1295.3	2166.2	2601.7	2901.4	3500.6
107.5°	703.3	613.0	522.6	613.0	703.3	725.9	1301.9	2069.9	2453.8	2871.7	3707.7
110°	752.4	670.8	589.1	670.8	752.4	772.7	1292.0	1984.4	2330.6	2797.8	3732.3



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	810.0	732.2	654.5	732.2	810.0	829.4	1292.4	1909.7	2218.4	2696.5	3652.9
115°	896.5	824.8	753.1	824.8	896.5	914.5	1304.4	1824.1	2084.1	2544.7	3466.0
117.5°	980.8	915.6	850.4	915.6	980.8	997.1	1328.6	1770.6	1991.6	2407.4	3238.9
120°	1029.8	968.4	907.1	968.4	1029.8	1045.1	1348.3	1752.5	1954.7	2334.5	3094.3
122.5°	1086.3	1024.5	962.5	1024.5	1086.3	1101.8	1376.7	1743.1	1926.3	2268.3	2952.5
125°	1160.4	1104.0	1047.6	1104.0	1160.4	1174.5	1414.8	1735.2	1895.5	2186.0	2767.2
127.5°	1230.6	1173.5	1116.6	1173.5	1230.6	1244.8	1453.1	1730.8	1869.6	2119.1	2618.1
130°	1276.3	1214.9	1153.6	1214.9	1276.3	1291.6	1481.0	1733.4	1859.7	2081.8	2526.1
132.5°	1314.5	1253.2	1191.8	1253.2	1314.5	1329.8	1503.6	1735.3	1851.1	2049.9	2447.6
135°	1360.3	1304.4	1248.4	1304.4	1360.3	1374.2	1528.2	1733.6	1836.3	2002.9	2335.9
137.5°	1417.0	1361.8	1306.4	1361.8	1417.0	1430.8	1565.2	1744.3	1833.9	1974.7	2256.2
140°	1456.3	1405.4	1354.4	1405.4	1456.3	1469.1	1587.8	1746.1	1825.2	1946.9	2190.1
142.5°	1485.7	1438.5	1391.4	1438.5	1485.7	1497.4	1606.7	1752.4	1825.2	1932.0	2145.6
145°	1530.3	1489.2	1448.1	1489.2	1530.3	1540.6	1631.4	1752.4	1812.9	1900.2	2075.0
147.5°	1584.9	1544.8	1504.8	1544.8	1584.9	1594.8	1667.5	1764.5	1812.9	1881.6	2019.1
150°	1614.1	1577.9	1541.8	1577.9	1614.1	1623.1	1686.3	1770.7	1812.9	1871.0	1987.1
152.5°	1634.8	1607.4	1580.0	1607.4	1634.8	1641.7	1698.8	1774.8	1812.9	1862.5	1961.6
155°	1677.2	1657.0	1636.7	1657.0	1677.2	1682.3	1725.8	1783.8	1812.9	1852.3	1931.2
157.5°	1718.0	1698.4	1678.6	1698.4	1718.0	1723.0	1752.9	1792.9	1812.9	1843.6	1905.0
160°	1737.6	1722.3	1707.0	1722.3	1737.6	1741.4	1765.3	1797.0	1812.9	1839.2	1891.8
162.5°	1758.3	1746.8	1735.3	1746.8	1758.3	1761.2	1778.4	1801.4	1812.9	1835.1	1879.5
165°	1786.9	1776.4	1766.0	1776.4	1786.9	1789.5	1797.3	1807.6	1812.9	1828.8	1860.6
167.5°	1804.3	1799.3	1794.4	1799.3	1804.3	1805.6	1812.1	1820.9	1825.2	1835.6	1856.5
170°	1822.8	1817.8	1812.9	1817.8	1822.8	1824.0	1824.4	1824.9	1825.2	1835.6	1856.5
172.5°	1824.9	1823.8	1822.8	1823.8	1824.9	1825.2	1825.2	1825.2	1825.2	1833.4	1849.8
175°	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1832.6	1827.7	1825.2	1830.5	1840.8
177.5°	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1833.4	1829.6	1827.7	1831.9	1840.1
180°	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8
2.5°	1351.7	1347.7	1353.1	1338.4	1353.1	1347.7	1351.7	1361.0	1353.1	1358.3	1363.6
5°	1186.1	1179.5	1158.2	1141.0	1158.2	1179.5	1186.1	1213.9	1227.1	1251.0	1282.8
7.5°	1060.1	1054.9	1049.6	1039.0	1049.6	1054.9	1060.1	1068.1	1081.4	1102.6	1126.4
10°	1032.4	1033.6	1041.6	1040.3	1041.6	1033.6	1032.4	1029.7	1025.7	1029.7	1044.2
12.5°	1103.9	1115.8	1159.5	1156.9	1159.5	1115.8	1103.9	1050.9	1015.1	1008.5	1011.1
15°	1186.1	1190.0	1199.3	1200.6	1199.3	1190.0	1186.1	1164.9	1057.6	1011.1	996.6
17.5°	1194.0	1195.4	1202.0	1202.0	1202.0	1195.4	1194.0	1184.7	1148.9	1086.7	1004.5
20°	1187.4	1190.0	1203.3	1206.0	1203.3	1190.0	1187.4	1175.4	1155.6	1133.0	1070.8
22.5°	1184.7	1190.0	1200.6	1199.3	1200.6	1190.0	1184.7	1166.1	1148.9	1133.0	1107.8
25°	1171.5	1171.5	1172.9	1174.1	1172.9	1171.5	1171.5	1156.9	1122.5	1118.5	1103.9
27.5°	1143.6	1146.3	1154.3	1152.9	1154.3	1146.3	1143.6	1138.4	1101.2	1097.3	1086.7
30°	1118.5	1115.8	1109.2	1103.9	1109.2	1115.8	1118.5	1110.5	1073.5	1062.8	1065.5
32.5°	1076.0	1069.4	1062.8	1058.8	1062.8	1069.4	1076.0	1073.5	1045.6	1031.0	1033.6
35°	1025.7	1027.0	1025.7	1021.7	1025.7	1027.0	1025.7	1028.4	1011.1	997.9	996.6
37.5°	990.0	992.5	991.3	985.9	991.3	992.5	990.0	987.3	963.4	959.4	962.1
40°	952.8	954.1	952.8	948.9	952.8	954.1	952.8	947.5	914.4	915.7	925.0
42.5°	917.1	915.7	911.7	909.1	911.7	915.7	917.1	909.1	866.7	862.7	879.9
45°	876.0	877.2	869.3	865.4	869.3	877.2	876.0	870.6	827.0	816.3	828.2
47.5°	834.9	834.9	828.2	824.3	828.2	834.9	834.9	828.2	781.9	771.2	777.9
50°	791.2	789.8	780.5	779.2	780.5	789.8	791.2	787.1	738.1	728.8	728.8
52.5°	740.8	740.8	742.1	744.8	742.1	740.8	740.8	742.1	698.4	689.1	686.5
55°	697.0	698.4	707.7	710.3	707.7	698.4	697.0	697.0	657.3	648.0	642.7
57.5°	652.0	652.0	658.6	658.6	658.6	652.0	652.0	649.3	610.9	603.0	600.3
60°	600.3	603.0	608.3	606.9	608.3	603.0	600.3	597.6	564.5	559.2	549.9
62.5°	546.0	548.6	549.9	547.4	549.9	548.6	546.0	538.1	518.2	514.2	502.3
65°	489.0	491.6	493.0	490.3	493.0	491.6	489.0	485.0	470.5	463.9	453.2
67.5°	430.7	429.4	428.0	433.3	428.0	429.4	430.7	425.4	416.1	410.8	396.3
70°	371.1	371.1	369.7	372.4	369.7	371.1	371.1	367.0	361.8	357.9	344.5
72.5°	307.5	306.1	311.4	307.5	311.4	306.1	307.5	306.1	303.5	299.5	286.2
75°	245.1	247.8	245.1	249.2	245.1	247.8	245.1	246.5	245.1	242.6	233.3
77.5°	186.8	189.5	186.8	186.8	186.8	189.5	186.8	188.2	188.2	188.2	180.2
80°	132.5	131.2	131.2	129.8	131.2	131.2	132.5	132.5	133.9	131.2	128.5
82.5°	84.8	83.5	83.5	86.2	83.5	83.5	84.8	86.2	83.5	83.5	83.5
85°	46.3	47.7	45.1	45.1	45.1	47.7	46.3	43.8	46.3	46.3	45.1
87.5°	17.2	15.9	15.9	15.9	15.9	15.9	17.2	18.6	18.6	18.6	19.9
90°	46.8	46.8	46.8	46.8	46.8	46.8	46.8	62.4	83.3	93.7	80.5
92.5°	234.2	224.9	187.6	150.4	187.6	224.9	234.2	332.0	462.3	527.5	463.2
95°	794.9	766.7	653.9	541.0	653.9	766.7	794.9	1043.9	1375.8	1541.8	1302.1
97.5°	1835.1	1781.5	1566.7	1352.0	1566.7	1781.5	1835.1	1992.5	2202.3	2307.2	1907.6
100°	2577.0	2513.1	2257.3	2001.5	2257.3	2513.1	2577.0	2565.5	2550.2	2542.5	2099.1
102.5°	3210.5	3155.8	2936.6	2717.6	2936.6	3155.8	3210.5	3010.0	2742.8	2609.1	2159.4
105°	3950.0	3920.6	3802.8	3685.0	3802.8	3920.6	3950.0	3500.6	2901.4	2601.7	2166.2
107.5°	4334.6	4341.7	4370.1	4398.6	4370.1	4341.7	4334.6	3707.7	2871.7	2453.8	2069.9
110°	4433.2	4463.8	4586.5	4709.2	4586.5	4463.8	4433.2	3732.3	2797.8	2330.6	1984.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4370.2	4417.3	4605.8	4794.2	4605.8	4417.3	4370.2	3652.9	2696.5	2218.4	1909.7
115°	4157.0	4222.3	4483.6	4744.9	4483.6	4222.3	4157.0	3466.0	2544.7	2084.1	1824.1
117.5°	3862.5	3934.9	4224.7	4514.5	4224.7	3934.9	3862.5	3238.9	2407.4	1991.6	1770.6
120°	3664.1	3734.4	4016.0	4297.5	4016.0	3734.4	3664.1	3094.3	2334.5	1954.7	1752.5
122.5°	3465.6	3535.1	3812.8	4090.5	3812.8	3535.1	3465.6	2952.5	2268.3	1926.3	1743.1
125°	3203.1	3267.0	3522.9	3778.7	3522.9	3267.0	3203.1	2767.2	2186.0	1895.5	1735.2
127.5°	2992.4	3046.3	3262.2	3478.0	3262.2	3046.3	2992.4	2618.1	2119.1	1869.6	1730.8
130°	2859.3	2909.2	3108.5	3307.9	3108.5	2909.2	2859.3	2526.1	2081.8	1859.7	1733.4
132.5°	2745.8	2790.5	2969.0	3147.7	2969.0	2790.5	2745.8	2447.6	2049.9	1851.1	1735.3
135°	2585.7	2624.1	2778.1	2932.0	2778.1	2624.1	2585.7	2335.9	2002.9	1836.3	1733.6
137.5°	2467.3	2498.8	2624.8	2750.8	2624.8	2498.8	2467.3	2256.2	1974.7	1833.9	1744.3
140°	2372.5	2401.9	2519.7	2637.5	2519.7	2401.9	2372.5	2190.1	1946.9	1825.2	1746.1
142.5°	2305.9	2331.2	2432.6	2533.9	2432.6	2331.2	2305.9	2145.6	1932.0	1825.2	1752.4
145°	2206.1	2225.3	2301.9	2378.6	2301.9	2225.3	2206.1	2075.0	1900.2	1812.9	1752.4
147.5°	2122.2	2138.1	2201.7	2265.2	2201.7	2138.1	2122.2	2019.1	1881.6	1812.9	1764.5
150°	2074.2	2087.1	2138.6	2190.1	2138.6	2087.1	2074.2	1987.1	1871.0	1812.9	1770.7
152.5°	2036.0	2045.7	2084.6	2123.5	2084.6	2045.7	2036.0	1961.6	1862.5	1812.9	1774.8
155°	1990.4	1996.8	2022.6	2048.3	2022.6	1996.8	1990.4	1931.2	1852.3	1812.9	1783.8
157.5°	1951.0	1955.5	1973.5	1991.6	1973.5	1955.5	1951.0	1905.0	1843.6	1812.9	1792.9
160°	1931.2	1933.8	1944.3	1954.7	1944.3	1933.8	1931.2	1891.8	1839.2	1812.9	1797.0
162.5°	1912.8	1915.2	1925.0	1934.9	1925.0	1915.2	1912.8	1879.5	1835.1	1812.9	1801.4
165°	1884.4	1887.0	1897.5	1907.8	1897.5	1887.0	1884.4	1860.6	1828.8	1812.9	1807.6
167.5°	1872.1	1873.1	1877.6	1881.9	1877.6	1873.1	1872.1	1856.5	1835.6	1825.2	1820.9
170°	1872.1	1872.1	1872.1	1872.1	1872.1	1872.1	1872.1	1856.5	1835.6	1825.2	1824.9
172.5°	1862.2	1861.2	1857.4	1853.6	1857.4	1861.2	1862.2	1849.8	1833.4	1825.2	1825.2
175°	1848.6	1848.6	1848.6	1848.6	1848.6	1848.6	1848.6	1840.8	1830.5	1825.2	1827.7
177.5°	1846.2	1845.1	1840.6	1836.3	1840.6	1845.1	1846.2	1840.1	1831.9	1827.7	1829.6
180°	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3	1836.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1400.8	1400.8	1400.8	1400.8	1400.8
2.5°	1383.5	1390.1	1394.2	1399.4	1412.6
5°	1330.5	1355.7	1363.6	1383.5	1407.4
7.5°	1213.9	1290.7	1312.0	1359.7	1396.7
10°	1101.2	1178.1	1215.2	1327.9	1383.5
12.5°	1044.2	1089.4	1114.5	1272.2	1364.9
15°	1008.5	1040.3	1058.8	1198.0	1343.8
17.5°	980.7	1003.2	1016.5	1125.1	1314.6
20°	963.4	974.1	985.9	1072.1	1281.4
22.5°	951.5	944.9	954.1	1035.0	1236.4
25°	943.5	918.3	929.0	1005.9	1183.4
27.5°	950.2	894.5	898.5	979.3	1127.8
30°	951.5	865.4	866.7	951.5	1065.5
32.5°	942.3	834.9	836.2	917.1	995.2
35°	919.7	799.1	797.8	877.2	899.8
37.5°	889.2	760.7	760.7	833.6	795.1
40°	852.2	722.2	726.2	776.6	702.4
42.5°	807.1	681.1	686.5	701.1	633.4
45°	758.0	641.4	645.4	592.4	580.4
47.5°	703.7	600.3	601.7	491.6	563.3
50°	638.7	557.9	552.6	421.4	561.9
52.5°	581.7	511.5	495.6	381.7	510.2
55°	526.1	462.5	428.0	351.1	473.1
57.5°	477.1	398.9	365.8	315.4	465.2
60°	432.1	336.6	311.4	276.9	426.7
62.5°	394.9	290.2	284.9	250.5	387.0
65°	355.2	258.5	257.1	227.9	328.6
67.5°	316.8	237.2	235.9	206.7	250.5
70°	275.7	214.7	212.0	184.2	185.5
72.5°	233.3	189.5	186.8	165.7	153.7
75°	190.8	160.4	159.1	144.4	124.6
77.5°	149.8	127.3	129.8	116.6	91.5
80°	107.3	92.8	95.4	83.5	68.9
82.5°	71.5	61.0	63.6	53.1	46.3
85°	39.7	34.5	35.8	27.9	21.2
87.5°	18.6	15.9	15.9	10.6	6.6
90°	54.2	34.5	32.0	22.2	12.4
92.5°	334.4	237.9	217.0	133.1	49.3
95°	822.8	463.4	425.0	271.7	118.4
97.5°	1108.4	509.0	475.2	339.9	204.6
100°	1212.4	547.3	516.5	393.8	271.1
102.5°	1260.0	585.4	556.7	442.3	327.8
105°	1295.3	642.1	617.9	520.9	424.0
107.5°	1301.9	725.9	703.3	613.0	522.6
110°	1292.0	772.7	752.4	670.8	589.1



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CATALOG NUMBER: SQ4-FA-150U-050D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1292.4	829.4	810.0	732.2	654.5
115°	1304.4	914.5	896.5	824.8	753.1
117.5°	1328.6	997.1	980.8	915.6	850.4
120°	1348.3	1045.1	1029.8	968.4	907.1
122.5°	1376.7	1101.8	1086.3	1024.5	962.5
125°	1414.8	1174.5	1160.4	1104.0	1047.6
127.5°	1453.1	1244.8	1230.6	1173.5	1116.6
130°	1481.0	1291.6	1276.3	1214.9	1153.6
132.5°	1503.6	1329.8	1314.5	1253.2	1191.8
135°	1528.2	1374.2	1360.3	1304.4	1248.4
137.5°	1565.2	1430.8	1417.0	1361.8	1306.4
140°	1587.8	1469.1	1456.3	1405.4	1354.4
142.5°	1606.7	1497.4	1485.7	1438.5	1391.4
145°	1631.4	1540.6	1530.3	1489.2	1448.1
147.5°	1667.5	1594.8	1584.9	1544.8	1504.8
150°	1686.3	1623.1	1614.1	1577.9	1541.8
152.5°	1698.8	1641.7	1634.8	1607.4	1580.0
155°	1725.8	1682.3	1677.2	1657.0	1636.7
157.5°	1752.9	1723.0	1718.0	1698.4	1678.6
160°	1765.3	1741.4	1737.6	1722.3	1707.0
162.5°	1778.4	1761.2	1758.3	1746.8	1735.3
165°	1797.3	1789.5	1786.9	1776.4	1766.0
167.5°	1812.1	1805.6	1804.3	1799.3	1794.4
170°	1824.4	1824.0	1822.8	1817.8	1812.9
172.5°	1825.2	1825.2	1824.9	1823.8	1822.8
175°	1832.6	1836.3	1836.3	1836.3	1836.3
177.5°	1833.4	1836.3	1836.3	1836.3	1836.3
180°	1836.3	1836.3	1836.3	1836.3	1836.3



TEST NUMBER: P935820
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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	8.10	8.77	9.26	9.91	11.51	10.94	11.60	12.09	12.75	14.35
	3H	8.56	9.16	9.73	10.31	11.93	12.27	12.86	13.43	14.02	15.64
	4H	8.74	9.31	9.92	10.46	12.09	12.71	13.27	13.88	14.42	16.05
	6H	8.85	9.37	10.03	10.53	12.16	12.98	13.50	14.16	14.66	16.29
	8H	8.85	9.34	10.03	10.51	12.14	13.05	13.55	14.23	14.72	16.34
	12H	8.81	9.28	10.00	10.44	12.09	13.09	13.55	14.27	14.72	16.37
4H	2H	9.11	9.68	10.29	10.83	12.45	11.32	11.89	12.50	13.04	14.66
	3H	10.12	10.59	11.30	11.77	13.40	12.81	13.28	14.00	14.46	16.10
	4H	10.39	10.82	11.57	11.98	13.64	13.33	13.77	14.52	14.93	16.59
	6H	10.50	10.87	11.69	12.06	13.70	13.69	14.06	14.88	15.25	16.89
	8H	10.50	10.85	11.69	12.03	13.69	13.79	14.14	14.98	15.32	16.98
	12H	10.46	10.77	11.66	11.96	13.63	13.84	14.15	15.05	15.34	17.01
8H	4H	10.82	11.17	12.01	12.35	14.01	13.44	13.79	14.63	14.97	16.63
	6H	11.08	11.36	12.29	12.58	14.24	13.87	14.16	15.08	15.38	17.04
	8H	11.12	11.37	12.33	12.56	14.24	14.02	14.27	15.24	15.47	17.15
	12H	11.09	11.31	12.31	12.51	14.22	14.11	14.33	15.33	15.53	17.24
12H	4H	10.82	11.14	12.03	12.33	13.99	13.40	13.71	14.60	14.90	16.57
	6H	11.14	11.39	12.35	12.58	14.26	13.87	14.11	15.08	15.31	16.99
	8H	11.19	11.41	12.41	12.61	14.32	14.02	14.24	15.24	15.43	17.14