

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: P935120

Luminaire Tested: SQ4-FA-100U-075D-840-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935120
REPORT IS A COMBINATION OF REPORTS P933744 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-075D-840-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

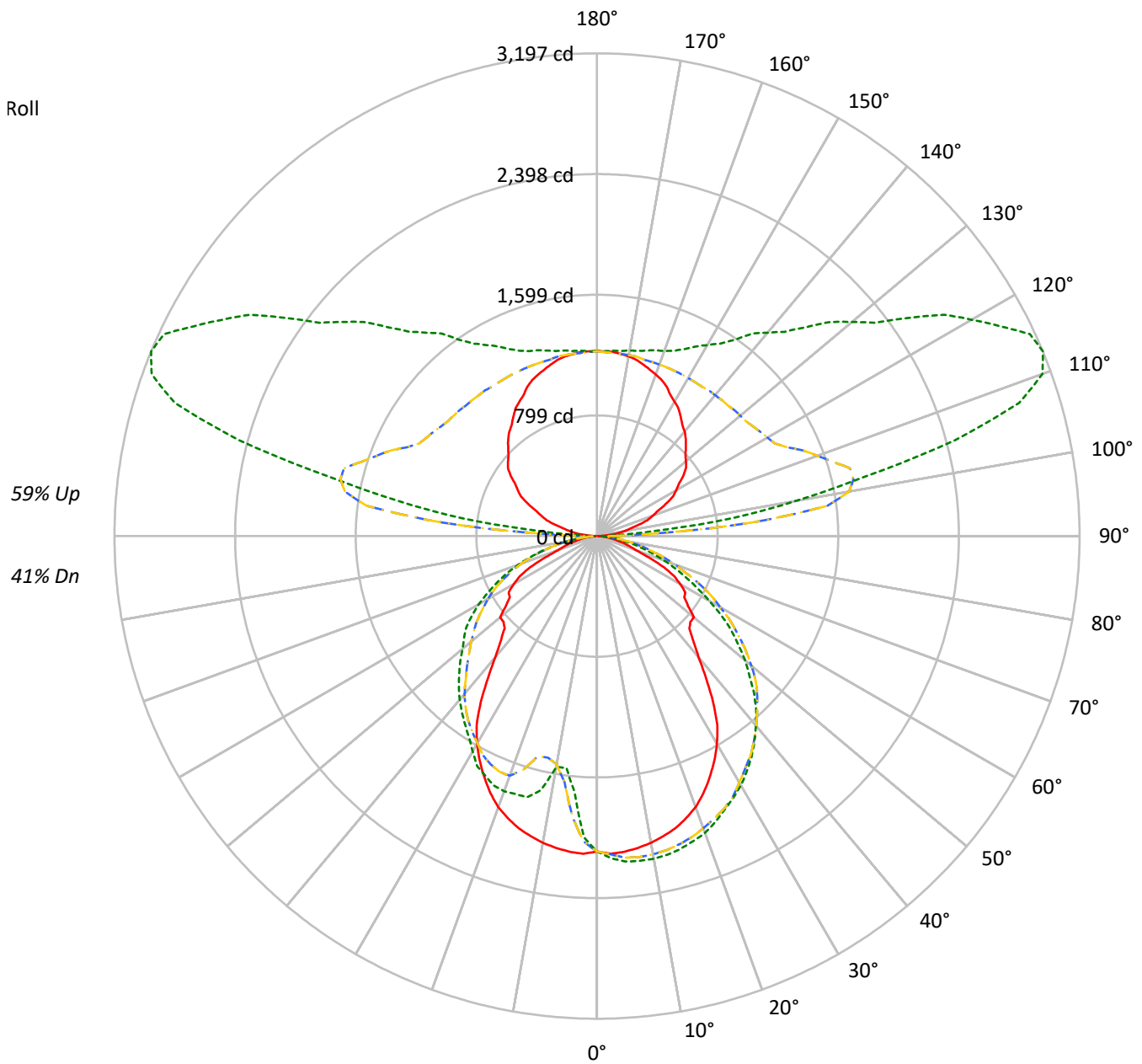
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13358.8 lumens
Efficiency: N/A
Efficacy: 135.8 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: General Diffuse

Input Watts (W): 98.4
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

TEST NUMBER: P935120
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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	105	105	105	105	96	96	96	96	78	78	78	62	62	62	47	47	47	47	47	47	41
1	96	91	88	84	87	83	80	77	68	66	64	55	53	52	42	41	40	40	40	40	34
2	87	80	74	69	79	73	68	63	60	56	53	48	45	43	37	35	34	34	34	34	29
3	79	70	63	57	72	64	58	53	53	48	45	42	39	37	33	31	29	29	29	29	24
4	73	62	54	48	66	57	50	45	47	42	38	38	34	31	29	27	25	25	25	25	21
5	67	55	47	41	60	51	44	38	42	37	33	34	30	27	26	24	22	22	22	22	18
6	61	49	41	36	56	45	38	33	38	32	28	31	27	24	24	21	19	19	19	19	16
7	57	45	37	31	51	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	14
8	52	40	33	27	48	37	30	26	31	26	22	25	21	18	20	17	15	15	15	15	13
9	49	37	29	24	44	34	27	23	28	23	20	23	19	17	18	16	13	13	13	13	11
10	46	34	26	22	41	31	25	20	26	21	18	21	18	15	17	14	12	12	12	12	10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9690	9690	9690	9690
5°	9762	9782	9762	7691
10°	9697	9635	9697	6889
15°	9592	9427	9592	7872
20°	9391	9179	9391	7888
25°	8981	8818	8981	7720
30°	8450	8519	8450	7354
35°	7533	8140	7533	6950
40°	6277	7694	6277	6645
45°	5609	7172	5609	6295
50°	5958	6550	5958	5944
55°	5606	5879	5606	5740
60°	5779	4994	5779	5258
65°	5239	4128	5239	4614
70°	3628	3290	3628	3868
75°	3181	2432	3181	2912
80°	2565	1607	2565	1750
85°	1472	851	1472	724

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8596 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.5	1.4
10°-20°	535.3	4.0
20°-30°	827.4	6.2
30°-40°	987.8	7.4
40°-50°	993.6	7.4
50°-60°	864.6	6.5
60°-70°	613.0	4.6
70°-80°	324.3	2.4
80°-90°	85.4	0.6
90°-100°	597.0	4.5
100°-110°	1569.4	11.7
110°-120°	1627.3	12.2
120°-130°	1305.3	9.8
130°-140°	1024.2	7.7
140°-150°	786.1	5.9
150°-160°	566.1	4.2
160°-170°	346.4	2.6
170°-180°	117.0	0.9
0°-30°	1551.2	11.6
0°-40°	2539.0	19.0
0°-60°	4397.2	32.9
0°-90°	5419.9	40.6
90°-120°	3793.7	28.4
90°-150°	6909.3	51.7
90°-180°	7939.0	59.4
0°-180°	13358.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2088	2088	2088	2088	2088	
5°	2098	2164	2098	1701	2098	199
15°	2004	2144	2004	1790	2004	564
25°	1764	2000	1764	1751	1764	810
35°	1342	1784	1342	1523	1342	830
45°	866	1470	866	1290	866	693
55°	705	1085	705	1059	705	648
65°	490	654	490	731	490	468
75°	186	310	186	372	186	195
85°	32	79	32	67	32	43
90°	8	31	8	31	8	8
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°	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5
2.5°	2106.3	2106.3	2118.2	2122.1	2122.1	2116.2	2110.3	2116.2	2134.0	2139.9	2137.9
5°	2098.4	2114.2	2136.0	2139.9	2143.9	2141.9	2137.9	2141.9	2161.6	2165.6	2167.6
7.5°	2082.6	2112.2	2139.9	2145.8	2151.8	2145.8	2143.9	2147.8	2167.6	2171.5	2171.5
10°	2062.8	2104.3	2136.0	2139.9	2145.8	2139.9	2139.9	2147.8	2167.6	2171.5	2173.5
12.5°	2035.2	2092.5	2122.1	2126.1	2134.0	2132.0	2130.0	2137.9	2157.7	2161.6	2161.6
15°	2003.6	2070.7	2098.4	2102.4	2116.2	2112.2	2112.2	2120.1	2141.9	2147.8	2145.8
17.5°	1960.1	2043.1	2074.7	2080.6	2090.5	2088.5	2090.5	2098.4	2118.2	2122.1	2124.1
20°	1910.7	2005.5	2043.1	2049.0	2058.9	2058.9	2058.9	2068.8	2088.5	2096.4	2096.4
22.5°	1843.5	1966.0	2005.5	2009.5	2021.3	2021.3	2025.3	2039.1	2056.9	2058.9	2058.9
25°	1764.5	1922.5	1956.1	1968.0	1979.9	1985.8	1991.7	1999.6	2005.5	2003.6	2005.5
27.5°	1681.5	1867.2	1910.7	1918.6	1934.4	1940.3	1948.2	1950.2	1952.2	1958.1	1954.2
30°	1588.6	1790.2	1855.4	1863.3	1889.0	1892.9	1885.0	1889.0	1898.8	1902.8	1906.7
32.5°	1483.9	1675.5	1798.1	1815.8	1839.6	1827.7	1825.7	1831.7	1847.5	1847.5	1851.4
35°	1341.6	1586.6	1744.7	1760.5	1778.3	1764.5	1772.4	1774.3	1784.2	1790.2	1788.2
37.5°	1185.5	1509.6	1689.4	1701.2	1715.1	1697.3	1709.1	1715.1	1723.0	1719.0	1719.0
40°	1047.3	1389.0	1624.2	1632.1	1643.9	1630.1	1642.0	1645.9	1649.9	1645.9	1643.9
42.5°	944.5	1256.6	1555.0	1564.9	1557.0	1566.9	1570.8	1578.7	1572.8	1564.9	1564.9
45°	865.5	1221.1	1479.9	1491.8	1479.9	1495.7	1501.7	1501.7	1483.9	1479.9	1477.9
47.5°	839.8	1150.0	1404.8	1404.8	1398.9	1418.7	1428.5	1414.7	1396.9	1391.0	1391.0
50°	837.8	1071.0	1302.1	1294.2	1321.8	1345.6	1335.7	1321.8	1308.0	1286.3	1286.3
52.5°	760.8	974.2	1169.8	1199.3	1242.8	1256.6	1240.8	1227.0	1203.3	1193.4	1185.5
55°	705.4	873.4	1049.3	1108.5	1154.0	1171.8	1142.1	1128.3	1092.7	1086.8	1082.8
57.5°	693.6	727.2	938.6	1013.7	1069.0	1067.0	1049.3	1023.6	993.9	988.0	986.0
60°	636.3	525.6	820.0	909.0	966.3	960.3	944.5	920.8	893.2	889.2	885.2
62.5°	577.0	381.4	685.7	786.4	867.5	865.5	851.7	816.1	796.3	786.4	778.5
65°	490.0	320.1	488.1	654.1	770.6	774.6	745.0	719.3	697.5	685.7	683.7
67.5°	373.5	260.8	330.0	545.4	677.8	673.8	636.3	624.4	596.8	590.8	579.0
70°	276.6	173.9	229.2	442.6	586.9	577.0	547.4	533.5	507.8	494.0	486.1
72.5°	229.2	140.3	168.0	343.8	494.0	482.1	456.5	440.6	418.9	407.1	399.2
75°	185.7	148.2	128.4	254.9	401.1	393.2	369.5	353.7	335.9	320.1	322.1
77.5°	136.3	138.3	102.8	187.7	318.1	306.3	292.4	272.7	264.8	249.0	249.0
80°	102.8	108.7	77.1	128.4	229.2	229.2	217.4	203.5	189.7	181.8	181.8
82.5°	69.2	69.2	57.3	81.0	156.1	150.2	142.3	138.3	130.4	126.5	126.5
85°	31.6	39.5	35.6	49.4	85.0	88.9	88.9	85.0	83.0	79.0	81.0
87.5°	9.9	17.8	21.7	27.7	43.5	45.4	47.4	47.4	47.4	49.4	49.4
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°	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5
2.5°	2141.9	2136.0	2141.9	2137.9	2139.9	2134.0	2116.2	2110.3	2116.2	2122.1	2122.1
5°	2167.6	2163.6	2167.6	2167.6	2165.6	2161.6	2141.9	2137.9	2141.9	2143.9	2139.9
7.5°	2175.5	2169.5	2175.5	2171.5	2171.5	2167.6	2147.8	2143.9	2145.8	2151.8	2145.8
10°	2175.5	2169.5	2175.5	2173.5	2171.5	2167.6	2147.8	2139.9	2139.9	2145.8	2139.9
12.5°	2165.6	2161.6	2165.6	2161.6	2161.6	2157.7	2137.9	2130.0	2132.0	2134.0	2126.1
15°	2149.8	2143.9	2149.8	2145.8	2147.8	2141.9	2120.1	2112.2	2112.2	2116.2	2102.4
17.5°	2126.1	2118.2	2126.1	2124.1	2122.1	2118.2	2098.4	2090.5	2088.5	2090.5	2080.6
20°	2098.4	2092.5	2098.4	2096.4	2096.4	2088.5	2068.8	2058.9	2058.9	2058.9	2049.0
22.5°	2054.9	2049.0	2054.9	2058.9	2058.9	2056.9	2039.1	2025.3	2021.3	2021.3	2009.5
25°	2005.5	1999.6	2005.5	2005.5	2003.6	2005.5	1999.6	1991.7	1985.8	1979.9	1968.0
27.5°	1958.1	1954.2	1958.1	1954.2	1958.1	1952.2	1950.2	1948.2	1940.3	1934.4	1918.6
30°	1910.7	1906.7	1910.7	1906.7	1902.8	1898.8	1889.0	1885.0	1892.9	1889.0	1863.3
32.5°	1851.4	1847.5	1851.4	1851.4	1847.5	1847.5	1831.7	1825.7	1827.7	1839.6	1815.8
35°	1790.2	1784.2	1790.2	1788.2	1790.2	1784.2	1774.3	1772.4	1764.5	1778.3	1760.5
37.5°	1719.0	1713.1	1719.0	1719.0	1719.0	1723.0	1715.1	1709.1	1697.3	1715.1	1701.2
40°	1645.9	1638.0	1645.9	1643.9	1645.9	1649.9	1645.9	1642.0	1630.1	1643.9	1632.1
42.5°	1562.9	1560.9	1562.9	1564.9	1564.9	1572.8	1578.7	1570.8	1566.9	1557.0	1564.9
45°	1474.0	1470.0	1474.0	1477.9	1479.9	1483.9	1501.7	1501.7	1495.7	1479.9	1491.8
47.5°	1379.1	1369.3	1379.1	1391.0	1391.0	1396.9	1414.7	1428.5	1418.7	1398.9	1404.8
50°	1278.4	1280.3	1278.4	1286.3	1286.3	1308.0	1321.8	1335.7	1345.6	1321.8	1294.2
52.5°	1179.6	1177.7	1179.6	1185.5	1193.4	1203.3	1227.0	1240.8	1256.6	1242.8	1199.3
55°	1080.9	1084.8	1080.9	1082.8	1086.8	1092.7	1128.3	1142.1	1171.8	1154.0	1108.5
57.5°	982.1	976.1	982.1	986.0	988.0	993.9	1023.6	1049.3	1067.0	1069.0	1013.7
60°	867.5	859.6	867.5	885.2	889.2	893.2	920.8	944.5	960.3	966.3	909.0
62.5°	766.7	752.9	766.7	778.5	786.4	796.3	816.1	851.7	865.5	867.5	786.4
65°	660.0	654.1	660.0	683.7	685.7	697.5	719.3	745.0	774.6	770.6	654.1
67.5°	563.2	563.2	563.2	579.0	590.8	596.8	624.4	636.3	673.8	677.8	545.4
70°	474.2	472.3	474.2	486.1	494.0	507.8	533.5	547.4	577.0	586.9	442.6
72.5°	389.3	387.3	389.3	399.2	407.1	418.9	440.6	456.5	482.1	494.0	343.8
75°	314.2	310.2	314.2	322.1	320.1	335.9	353.7	369.5	393.2	401.1	254.9
77.5°	241.1	241.1	241.1	249.0	249.0	264.8	272.7	292.4	306.3	318.1	187.7
80°	179.8	177.8	179.8	181.8	181.8	189.7	203.5	217.4	229.2	229.2	128.4
82.5°	126.5	122.5	126.5	126.5	126.5	130.4	138.3	142.3	150.2	156.1	81.0
85°	79.0	79.0	79.0	81.0	79.0	83.0	85.0	88.9	88.9	85.0	49.4
87.5°	51.4	49.4	51.4	49.4	49.4	47.4	47.4	47.4	45.4	43.5	27.7
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°	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5
2.5°	2118.2	2106.3	2106.3	2086.6	2078.7	2072.7	2062.8	2033.2	2025.3	2017.4	2029.3
5°	2136.0	2114.2	2098.4	2062.8	2033.2	2021.3	1983.8	1912.7	1865.2	1829.7	1809.9
7.5°	2139.9	2112.2	2082.6	2027.3	1956.1	1924.5	1809.9	1679.5	1643.9	1612.3	1592.6
10°	2136.0	2104.3	2062.8	1979.9	1811.9	1756.6	1642.0	1557.0	1535.3	1529.3	1535.3
12.5°	2122.1	2092.5	2035.2	1896.9	1661.7	1624.2	1557.0	1507.6	1503.6	1513.5	1566.9
15°	2098.4	2070.7	2003.6	1786.2	1578.7	1551.1	1503.6	1485.9	1507.6	1576.7	1736.8
17.5°	2074.7	2043.1	1960.1	1677.5	1515.5	1495.7	1462.1	1497.7	1620.2	1713.1	1766.4
20°	2043.1	2005.5	1910.7	1598.5	1470.0	1452.3	1436.5	1596.5	1689.4	1723.0	1752.6
22.5°	2005.5	1966.0	1843.5	1543.2	1422.6	1408.8	1418.7	1651.8	1689.4	1713.1	1738.8
25°	1956.1	1922.5	1764.5	1499.7	1385.1	1369.3	1406.8	1645.9	1667.6	1673.6	1724.9
27.5°	1910.7	1867.2	1681.5	1460.2	1339.6	1333.7	1416.7	1620.2	1636.0	1642.0	1697.3
30°	1855.4	1790.2	1588.6	1418.7	1292.2	1290.2	1418.7	1588.6	1584.7	1600.5	1655.8
32.5°	1798.1	1675.5	1483.9	1367.3	1246.8	1244.8	1404.8	1541.2	1537.2	1559.0	1600.5
35°	1744.7	1586.6	1341.6	1308.0	1189.5	1191.4	1371.2	1485.9	1487.8	1507.6	1533.3
37.5°	1689.4	1509.6	1185.5	1242.8	1134.2	1134.2	1325.8	1434.5	1430.5	1436.5	1472.0
40°	1624.2	1389.0	1047.3	1157.9	1082.8	1076.9	1270.5	1379.1	1365.3	1363.3	1412.7
42.5°	1555.0	1256.6	944.5	1045.3	1023.6	1015.7	1203.3	1312.0	1286.3	1292.2	1355.4
45°	1479.9	1221.1	865.5	883.3	962.3	956.4	1130.3	1234.9	1217.1	1232.9	1298.1
47.5°	1404.8	1150.0	839.8	733.1	897.1	895.1	1049.3	1159.9	1150.0	1165.8	1234.9
50°	1302.1	1071.0	837.8	628.4	824.0	831.9	952.4	1086.8	1086.8	1100.6	1173.7
52.5°	1169.8	974.2	760.8	569.1	739.0	762.7	867.5	1023.6	1027.5	1041.4	1106.6
55°	1049.3	873.4	705.4	523.6	638.2	689.6	784.5	958.4	966.3	980.1	1039.4
57.5°	938.6	727.2	693.6	470.3	545.4	594.8	711.4	895.1	899.1	910.9	968.2
60°	820.0	525.6	636.3	413.0	464.4	501.9	644.2	820.0	833.9	841.8	891.2
62.5°	685.7	381.4	577.0	373.5	424.8	432.7	588.8	748.9	766.7	772.6	802.3
65°	488.1	320.1	490.0	339.9	383.3	385.3	529.6	675.8	691.6	701.5	723.2
67.5°	330.0	260.8	373.5	308.3	351.7	353.7	472.3	590.8	612.6	620.5	634.3
70°	229.2	173.9	276.6	274.7	316.2	320.1	411.0	513.8	533.5	539.4	547.4
72.5°	168.0	140.3	229.2	247.0	278.6	282.6	347.8	426.8	446.6	452.5	456.5
75°	128.4	148.2	185.7	215.4	237.1	239.1	284.5	347.8	361.6	365.6	367.5
77.5°	102.8	138.3	136.3	173.9	193.6	189.7	223.3	268.7	280.6	280.6	280.6
80°	77.1	108.7	102.8	124.5	142.3	138.3	160.1	191.7	195.6	199.6	197.6
82.5°	57.3	69.2	69.2	79.0	94.8	90.9	106.7	124.5	124.5	124.5	128.4
85°	35.6	39.5	31.6	41.5	53.4	51.4	59.3	67.2	69.2	69.2	65.2
87.5°	21.7	17.8	9.9	15.8	23.7	23.7	27.7	29.6	27.7	27.7	27.7
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: P935120
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5	2088.5
2.5°	2015.4	2009.5	2017.4	1995.7	2017.4	2009.5	2015.4	2029.3	2017.4	2025.3	2033.2
5°	1768.4	1758.5	1726.9	1701.2	1726.9	1758.5	1768.4	1809.9	1829.7	1865.2	1912.7
7.5°	1580.7	1572.8	1564.9	1549.1	1564.9	1572.8	1580.7	1592.6	1612.3	1643.9	1679.5
10°	1539.2	1541.2	1553.0	1551.1	1553.0	1541.2	1539.2	1535.3	1529.3	1535.3	1557.0
12.5°	1645.9	1663.7	1728.9	1724.9	1728.9	1663.7	1645.9	1566.9	1513.5	1503.6	1507.6
15°	1768.4	1774.3	1788.2	1790.2	1788.2	1774.3	1768.4	1736.8	1576.7	1507.6	1485.9
17.5°	1780.3	1782.3	1792.1	1792.1	1792.1	1782.3	1780.3	1766.4	1713.1	1620.2	1497.7
20°	1770.4	1774.3	1794.1	1798.1	1794.1	1774.3	1770.4	1752.6	1723.0	1689.4	1596.5
22.5°	1766.4	1774.3	1790.2	1788.2	1790.2	1774.3	1766.4	1738.8	1713.1	1689.4	1651.8
25°	1746.7	1746.7	1748.7	1750.6	1748.7	1746.7	1746.7	1724.9	1673.6	1667.6	1645.9
27.5°	1705.2	1709.1	1721.0	1719.0	1721.0	1709.1	1705.2	1697.3	1642.0	1636.0	1620.2
30°	1667.6	1663.7	1653.8	1645.9	1653.8	1663.7	1667.6	1655.8	1600.5	1584.7	1588.6
32.5°	1604.4	1594.5	1584.7	1578.7	1584.7	1594.5	1604.4	1600.5	1559.0	1537.2	1541.2
35°	1529.3	1531.3	1529.3	1523.4	1529.3	1531.3	1529.3	1533.3	1507.6	1487.8	1485.9
37.5°	1476.0	1479.9	1477.9	1470.0	1477.9	1479.9	1476.0	1472.0	1436.5	1430.5	1434.5
40°	1420.6	1422.6	1420.6	1414.7	1420.6	1422.6	1420.6	1412.7	1363.3	1365.3	1379.1
42.5°	1367.3	1365.3	1359.4	1355.4	1359.4	1365.3	1367.3	1355.4	1292.2	1286.3	1312.0
45°	1306.0	1308.0	1296.2	1290.2	1296.2	1308.0	1306.0	1298.1	1232.9	1217.1	1234.9
47.5°	1244.8	1244.8	1234.9	1229.0	1234.9	1244.8	1244.8	1234.9	1165.8	1150.0	1159.9
50°	1179.6	1177.7	1163.9	1161.9	1163.9	1177.7	1179.6	1173.7	1100.6	1086.8	1086.8
52.5°	1104.6	1104.6	1106.6	1110.5	1106.6	1104.6	1104.6	1106.6	1041.4	1027.5	1023.6
55°	1039.4	1041.4	1055.2	1059.1	1055.2	1041.4	1039.4	1039.4	980.1	966.3	958.4
57.5°	972.2	972.2	982.1	982.1	982.1	972.2	972.2	968.2	910.9	899.1	895.1
60°	895.1	899.1	907.0	905.0	907.0	899.1	895.1	891.2	841.8	833.9	820.0
62.5°	814.1	818.1	820.0	816.1	820.0	818.1	814.1	802.3	772.6	766.7	748.9
65°	729.1	733.1	735.1	731.1	735.1	733.1	729.1	723.2	701.5	691.6	675.8
67.5°	642.2	640.2	638.2	646.2	638.2	640.2	642.2	634.3	620.5	612.6	590.8
70°	553.3	553.3	551.3	555.3	551.3	553.3	553.3	547.4	539.4	533.5	513.8
72.5°	458.4	456.5	464.4	458.4	464.4	456.5	458.4	456.5	452.5	446.6	426.8
75°	365.6	369.5	365.6	371.5	365.6	369.5	365.6	367.5	365.6	361.6	347.8
77.5°	278.6	282.6	278.6	278.6	278.6	282.6	278.6	280.6	280.6	280.6	268.7
80°	197.6	195.6	195.6	193.6	195.6	195.6	197.6	197.6	199.6	195.6	191.7
82.5°	126.5	124.5	124.5	128.4	124.5	124.5	126.5	128.4	124.5	124.5	124.5
85°	69.2	71.1	67.2	67.2	67.2	71.1	69.2	65.2	69.2	69.2	67.2
87.5°	25.7	23.7	23.7	23.7	23.7	23.7	25.7	27.7	27.7	27.7	29.6
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°	2088.5	2088.5	2088.5	2088.5	2088.5
2.5°	2062.8	2072.7	2078.7	2086.6	2106.3
5°	1983.8	2021.3	2033.2	2062.8	2098.4
7.5°	1809.9	1924.5	1956.1	2027.3	2082.6
10°	1642.0	1756.6	1811.9	1979.9	2062.8
12.5°	1557.0	1624.2	1661.7	1896.9	2035.2
15°	1503.6	1551.1	1578.7	1786.2	2003.6
17.5°	1462.1	1495.7	1515.5	1677.5	1960.1
20°	1436.5	1452.3	1470.0	1598.5	1910.7
22.5°	1418.7	1408.8	1422.6	1543.2	1843.5
25°	1406.8	1369.3	1385.1	1499.7	1764.5
27.5°	1416.7	1333.7	1339.6	1460.2	1681.5
30°	1418.7	1290.2	1292.2	1418.7	1588.6
32.5°	1404.8	1244.8	1246.8	1367.3	1483.9
35°	1371.2	1191.4	1189.5	1308.0	1341.6
37.5°	1325.8	1134.2	1134.2	1242.8	1185.5
40°	1270.5	1076.9	1082.8	1157.9	1047.3
42.5°	1203.3	1015.7	1023.6	1045.3	944.5
45°	1130.3	956.4	962.3	883.3	865.5
47.5°	1049.3	895.1	897.1	733.1	839.8
50°	952.4	831.9	824.0	628.4	837.8
52.5°	867.5	762.7	739.0	569.1	760.8
55°	784.5	689.6	638.2	523.6	705.4
57.5°	711.4	594.8	545.4	470.3	693.6
60°	644.2	501.9	464.4	413.0	636.3
62.5°	588.8	432.7	424.8	373.5	577.0
65°	529.6	385.3	383.3	339.9	490.0
67.5°	472.3	353.7	351.7	308.3	373.5
70°	411.0	320.1	316.2	274.7	276.6
72.5°	347.8	282.6	278.6	247.0	229.2
75°	284.5	239.1	237.1	215.4	185.7
77.5°	223.3	189.7	193.6	173.9	136.3
80°	160.1	138.3	142.3	124.5	102.8
82.5°	106.7	90.9	94.8	79.0	69.2
85°	59.3	51.4	53.4	41.5	31.6
87.5°	27.7	23.7	23.7	15.8	9.9
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



TEST NUMBER: P935120

CATALOG NUMBER: SQ4-FA-100U-075D-840-1D-UNV-STD-W-8

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	11.76	12.54	12.79	13.58	14.98	14.60	15.38	15.63	16.42	17.82
	3H	12.23	12.93	13.27	13.98	15.40	15.94	16.64	16.98	17.69	19.11
	4H	12.42	13.08	13.47	14.13	15.56	16.38	17.04	17.44	18.10	19.52
	6H	12.53	13.14	13.60	14.20	15.64	16.66	17.27	17.73	18.33	19.77
	8H	12.53	13.11	13.60	14.18	15.62	16.74	17.32	17.81	18.39	19.82
	12H	12.50	13.05	13.57	14.12	15.58	16.77	17.33	17.85	18.39	19.85
4H	2H	12.78	13.45	13.85	14.50	15.93	15.00	15.66	16.06	16.71	18.14
	3H	13.80	14.36	14.87	15.44	16.88	16.50	17.05	17.57	18.13	19.57
	4H	14.08	14.58	15.15	15.65	17.11	17.02	17.53	18.10	18.60	20.06
	6H	14.20	14.63	15.28	15.73	17.18	17.39	17.82	18.47	18.91	20.37
	8H	14.20	14.61	15.29	15.69	17.16	17.49	17.90	18.58	18.98	20.45
	12H	14.16	14.53	15.27	15.63	17.11	17.55	17.91	18.65	19.01	20.49
8H	4H	14.52	14.93	15.61	16.02	17.49	17.14	17.55	18.23	18.63	20.10
	6H	14.78	15.12	15.89	16.25	17.71	17.58	17.91	18.68	19.04	20.51
	8H	14.82	15.12	15.94	16.23	17.72	17.73	18.02	18.84	19.13	20.62
	12H	14.81	15.06	15.92	16.17	17.70	17.82	18.08	18.94	19.19	20.71
12H	4H	14.53	14.90	15.63	15.99	17.47	17.10	17.47	18.20	18.57	20.04
	6H	14.84	15.14	15.96	16.25	17.74	17.57	17.87	18.69	18.98	20.46
	8H	14.91	15.17	16.02	16.27	17.80	17.73	17.99	18.85	19.10	20.62