

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: P935876

Luminaire Tested: SQ4-FA-150U-050D-940-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935876
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-940-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

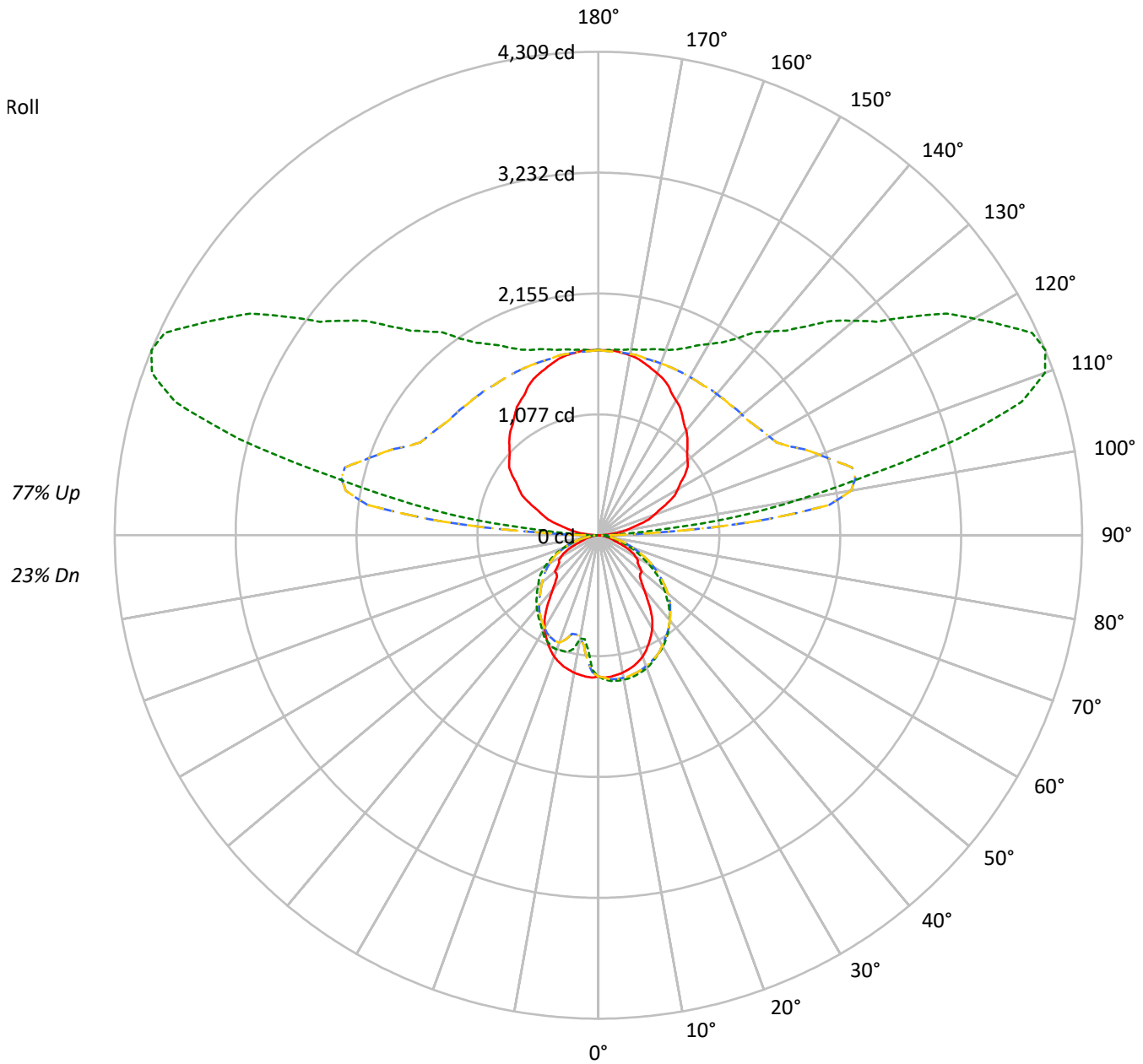
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13970.0 lumens
Efficiency: N/A
Efficacy: 125.6 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 (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	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°	5841	5841	5841	5841
5°	5885	5896	5885	4637
10°	5845	5808	5845	4152
15°	5782	5682	5782	4745
20°	5661	5533	5661	4755
25°	5413	5316	5413	4654
30°	5093	5135	5093	4433
35°	4541	4907	4541	4190
40°	3784	4638	3784	4006
45°	3381	4323	3381	3795
50°	3592	3948	3592	3583
55°	3379	3544	3379	3460
60°	3483	3010	3483	3169
65°	3157	2489	3157	2781
70°	2188	1983	2188	2331
75°	1918	1466	1918	1756
80°	1544	969	1544	1055
85°	890	514	890	436

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5181 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.6	0.8
10°-20°	322.7	2.3
20°-30°	498.8	3.6
30°-40°	595.4	4.3
40°-50°	598.9	4.3
50°-60°	521.1	3.7
60°-70°	369.5	2.6
70°-80°	195.5	1.4
80°-90°	55.0	0.4
90°-100°	804.5	5.8
100°-110°	2115.2	15.1
110°-120°	2193.2	15.7
120°-130°	1759.2	12.6
130°-140°	1380.3	9.9
140°-150°	1059.5	7.6
150°-160°	763.0	5.5
160°-170°	466.8	3.3
170°-180°	157.7	1.1
0°-30°	935.1	6.7
0°-40°	1530.5	11.0
0°-60°	2650.6	19.0
0°-90°	3270.6	23.4
90°-120°	5112.9	36.6
90°-150°	9311.9	66.7
90°-180°	10699.0	76.6
0°-180°	13970.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1259	1259	1259	1259	1259	
5°	1265	1304	1265	1026	1265	120
15°	1208	1292	1208	1079	1208	340
25°	1064	1205	1064	1055	1064	488
35°	809	1076	809	918	809	500
45°	522	886	522	778	522	418
55°	425	654	425	638	425	391
65°	295	394	295	441	295	282
75°	112	187	112	224	112	118
85°	19	48	19	40	19	26
90°	11	42	11	42	11	10
95°	106	486	106	486	106	118
105°	381	3312	381	3312	381	404
115°	677	4265	677	4265	677	668
125°	942	3396	942	3396	942	836
135°	1122	2635	1122	2635	1122	868
145°	1302	2138	1302	2138	1302	815
155°	1471	1841	1471	1841	1471	676
165°	1587	1715	1587	1715	1587	448
175°	1650	1662	1650	1662	1650	157
180°	1650	1650	1650	1650	1650	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0
2.5°	1269.7	1269.7	1276.9	1279.3	1279.3	1275.6	1272.1	1275.6	1286.4	1289.9	1288.8
5°	1265.0	1274.5	1287.6	1289.9	1292.3	1291.2	1288.8	1291.2	1303.1	1305.4	1306.6
7.5°	1255.4	1273.3	1289.9	1293.5	1297.1	1293.5	1292.3	1294.7	1306.6	1309.0	1309.0
10°	1243.5	1268.5	1287.6	1289.9	1293.5	1289.9	1289.9	1294.7	1306.6	1309.0	1310.2
12.5°	1226.8	1261.3	1279.3	1281.6	1286.4	1285.2	1284.0	1288.8	1300.7	1303.1	1303.1
15°	1207.8	1248.3	1265.0	1267.3	1275.6	1273.3	1273.3	1278.0	1291.2	1294.7	1293.5
17.5°	1181.6	1231.6	1250.7	1254.2	1260.2	1259.0	1260.2	1265.0	1276.9	1279.3	1280.4
20°	1151.7	1208.9	1231.6	1235.1	1241.1	1241.1	1241.1	1247.0	1259.0	1263.7	1263.7
22.5°	1111.2	1185.1	1208.9	1211.3	1218.5	1218.5	1220.8	1229.2	1239.9	1241.1	1241.1
25°	1063.6	1158.9	1179.2	1186.3	1193.5	1197.0	1200.6	1205.4	1208.9	1207.8	1208.9
27.5°	1013.7	1125.5	1151.7	1156.5	1166.0	1169.7	1174.4	1175.6	1176.8	1180.3	1178.0
30°	957.6	1079.1	1118.4	1123.2	1138.7	1141.1	1136.3	1138.7	1144.6	1147.0	1149.4
32.5°	894.5	1010.0	1083.9	1094.6	1108.9	1101.7	1100.6	1104.1	1113.6	1113.6	1116.0
35°	808.7	956.5	1051.7	1061.2	1072.0	1063.6	1068.4	1069.6	1075.5	1079.1	1077.9
37.5°	714.7	910.0	1018.4	1025.6	1033.9	1023.2	1030.3	1033.9	1038.6	1036.2	1036.2
40°	631.3	837.3	979.1	983.8	991.0	982.7	989.8	992.2	994.6	992.2	991.0
42.5°	569.3	757.6	937.4	943.3	938.5	944.6	946.9	951.7	948.1	943.3	943.3
45°	521.7	736.1	892.1	899.3	892.1	901.7	905.2	905.2	894.5	892.1	890.9
47.5°	506.2	693.2	846.9	846.9	843.2	855.2	861.2	852.8	842.1	838.5	838.5
50°	505.0	645.6	784.9	780.2	796.8	811.1	805.1	796.8	788.5	775.4	775.4
52.5°	458.6	587.2	705.2	723.0	749.2	757.6	748.0	739.7	725.4	719.4	714.7
55°	425.2	526.5	632.4	668.2	695.6	706.3	688.5	680.1	658.6	655.1	652.7
57.5°	418.1	438.3	565.7	611.0	644.3	643.2	632.4	617.0	599.1	595.6	594.3
60°	383.5	316.8	494.3	547.9	582.4	578.9	569.3	555.0	538.4	536.0	533.6
62.5°	347.8	229.9	413.3	474.0	522.9	521.7	513.4	492.0	480.0	474.0	469.3
65°	295.3	193.0	294.2	394.3	464.5	466.9	449.1	433.5	420.5	413.3	412.1
67.5°	225.1	157.3	198.9	328.7	408.6	406.2	383.5	376.4	359.7	356.2	349.0
70°	166.8	104.8	138.2	266.8	353.8	347.8	329.9	321.6	306.1	297.7	293.0
72.5°	138.2	84.5	101.2	207.3	297.7	290.6	275.1	265.6	252.5	245.4	240.6
75°	112.0	89.3	77.4	153.6	241.8	237.0	222.7	213.2	202.5	193.0	194.1
77.5°	82.2	83.4	61.9	113.1	191.8	184.6	176.3	164.4	159.6	150.1	150.1
80°	61.9	65.5	46.4	77.4	138.2	138.2	131.0	122.7	114.4	109.6	109.6
82.5°	41.6	41.6	34.5	48.8	94.1	90.5	85.8	83.4	78.6	76.2	76.2
85°	19.1	23.8	21.4	29.7	51.2	53.6	53.6	51.2	50.0	47.7	48.8
87.5°	5.9	10.7	13.1	16.7	26.2	27.4	28.6	28.6	28.6	29.7	29.7
90°	11.1	20.0	28.8	31.0	48.8	72.4	84.2	74.9	56.1	42.1	42.1
92.5°	44.3	119.6	195.0	213.8	300.6	416.3	474.1	415.5	298.4	210.5	202.1
95°	106.4	244.2	382.0	416.5	739.5	1170.3	1385.7	1236.5	938.3	714.5	689.1
97.5°	183.9	305.5	427.1	457.5	996.2	1714.6	2073.7	1979.4	1790.8	1649.4	1601.2
100°	243.7	354.0	464.2	491.9	1089.7	1886.6	2285.2	2292.1	2305.9	2316.2	2258.7
102.5°	294.6	397.6	500.4	526.1	1132.5	1940.8	2345.0	2465.2	2705.4	2885.6	2836.4
105°	381.0	468.2	555.4	577.1	1164.2	1946.9	2338.4	2607.7	3146.3	3550.2	3523.8
107.5°	469.7	550.9	632.1	652.4	1170.1	1860.4	2205.4	2581.1	3332.4	3895.8	3902.2
110°	529.5	602.9	676.2	694.5	1161.2	1783.5	2094.7	2514.6	3354.5	3984.5	4012.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	588.2	658.1	728.0	745.5	1161.6	1716.4	1993.8	2423.6	3283.2	3927.9	3970.2
115°	676.8	741.3	805.8	821.9	1172.3	1639.5	1873.1	2287.1	3115.2	3736.3	3795.0
117.5°	764.3	822.9	881.5	896.2	1194.1	1591.4	1790.0	2163.7	2911.0	3471.5	3536.6
120°	815.3	870.4	925.6	939.3	1211.9	1575.1	1756.8	2098.3	2781.1	3293.2	3356.5
122.5°	865.1	920.8	976.4	990.3	1237.3	1566.7	1731.3	2038.8	2653.7	3114.8	3177.3
125°	941.5	992.3	1043.0	1055.7	1271.6	1559.6	1703.6	1964.8	2487.1	2878.9	2936.3
127.5°	1003.6	1054.8	1106.0	1118.8	1306.0	1555.6	1680.4	1904.6	2353.1	2689.5	2738.0
130°	1036.8	1092.0	1147.1	1160.9	1331.1	1558.0	1671.5	1871.1	2270.4	2569.9	2614.7
132.5°	1071.2	1126.3	1181.5	1195.2	1351.4	1559.7	1663.8	1842.4	2199.8	2467.9	2508.1
135°	1122.1	1172.3	1222.6	1235.1	1373.6	1558.2	1650.4	1800.2	2099.5	2324.0	2358.5
137.5°	1174.2	1223.9	1273.6	1286.0	1406.8	1567.8	1648.3	1774.8	2027.8	2217.6	2245.9
140°	1217.4	1263.2	1308.9	1320.4	1427.1	1569.4	1640.5	1749.8	1968.4	2132.4	2158.8
142.5°	1250.6	1292.9	1335.3	1345.9	1444.1	1575.0	1640.5	1736.5	1928.5	2072.5	2095.2
145°	1301.5	1338.5	1375.4	1384.7	1466.3	1575.0	1629.4	1707.9	1865.0	1982.8	2000.0
147.5°	1352.5	1388.5	1424.4	1433.4	1498.8	1585.9	1629.4	1691.2	1814.7	1907.4	1921.7
150°	1385.7	1418.2	1450.7	1458.8	1515.6	1591.5	1629.4	1681.6	1785.9	1864.3	1875.8
152.5°	1420.1	1444.7	1469.4	1475.5	1526.8	1595.2	1629.4	1674.0	1763.0	1829.9	1838.6
155°	1471.1	1489.3	1507.5	1512.0	1551.2	1603.3	1629.4	1664.8	1735.8	1789.0	1794.7
157.5°	1508.7	1526.5	1544.1	1548.6	1575.5	1611.5	1629.4	1657.0	1712.2	1753.5	1757.6
160°	1534.2	1548.0	1561.7	1565.2	1586.6	1615.1	1629.4	1653.0	1700.3	1735.8	1738.1
162.5°	1559.7	1570.0	1580.4	1582.9	1598.4	1619.1	1629.4	1649.4	1689.2	1719.2	1721.4
165°	1587.3	1596.6	1606.0	1608.3	1615.4	1624.7	1629.4	1643.7	1672.3	1693.7	1696.0
167.5°	1612.8	1617.2	1621.7	1622.8	1628.7	1636.6	1640.5	1649.8	1668.6	1682.6	1683.6
170°	1629.4	1633.8	1638.3	1639.4	1639.8	1640.2	1640.5	1649.8	1668.6	1682.6	1682.6
172.5°	1638.3	1639.2	1640.2	1640.5	1640.5	1640.5	1640.5	1647.9	1662.6	1673.7	1672.8
175°	1650.4	1650.4	1650.4	1650.4	1647.2	1642.7	1640.5	1645.2	1654.5	1661.5	1661.5
177.5°	1650.4	1650.4	1650.4	1650.4	1647.9	1644.4	1642.7	1646.4	1653.8	1659.3	1658.3
180°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0
2.5°	1291.2	1287.6	1291.2	1288.8	1289.9	1286.4	1275.6	1272.1	1275.6	1279.3	1279.3
5°	1306.6	1304.2	1306.6	1306.6	1305.4	1303.1	1291.2	1288.8	1291.2	1292.3	1289.9
7.5°	1311.4	1307.8	1311.4	1309.0	1309.0	1306.6	1294.7	1292.3	1293.5	1297.1	1293.5
10°	1311.4	1307.8	1311.4	1310.2	1309.0	1306.6	1294.7	1289.9	1289.9	1293.5	1289.9
12.5°	1305.4	1303.1	1305.4	1303.1	1303.1	1300.7	1288.8	1284.0	1285.2	1286.4	1281.6
15°	1295.9	1292.3	1295.9	1293.5	1294.7	1291.2	1278.0	1273.3	1273.3	1275.6	1267.3
17.5°	1281.6	1276.9	1281.6	1280.4	1279.3	1276.9	1265.0	1260.2	1259.0	1260.2	1254.2
20°	1265.0	1261.3	1265.0	1263.7	1263.7	1259.0	1247.0	1241.1	1241.1	1241.1	1235.1
22.5°	1238.8	1235.1	1238.8	1241.1	1241.1	1239.9	1229.2	1220.8	1218.5	1218.5	1211.3
25°	1208.9	1205.4	1208.9	1208.9	1207.8	1208.9	1205.4	1200.6	1197.0	1193.5	1186.3
27.5°	1180.3	1178.0	1180.3	1178.0	1180.3	1176.8	1175.6	1174.4	1169.7	1166.0	1156.5
30°	1151.7	1149.4	1151.7	1149.4	1147.0	1144.6	1138.7	1136.3	1141.1	1138.7	1123.2
32.5°	1116.0	1113.6	1116.0	1116.0	1113.6	1113.6	1104.1	1100.6	1101.7	1108.9	1094.6
35°	1079.1	1075.5	1079.1	1077.9	1079.1	1075.5	1069.6	1068.4	1063.6	1072.0	1061.2
37.5°	1036.2	1032.7	1036.2	1036.2	1036.2	1038.6	1033.9	1030.3	1023.2	1033.9	1025.6
40°	992.2	987.4	992.2	991.0	992.2	994.6	992.2	989.8	982.7	991.0	983.8
42.5°	942.2	940.9	942.2	943.3	943.3	948.1	951.7	946.9	944.6	938.5	943.3
45°	888.5	886.1	888.5	890.9	892.1	894.5	905.2	905.2	901.7	892.1	899.3
47.5°	831.3	825.4	831.3	838.5	838.5	842.1	852.8	861.2	855.2	843.2	846.9
50°	770.6	771.8	770.6	775.4	775.4	788.5	796.8	805.1	811.1	796.8	780.2
52.5°	711.1	709.9	711.1	714.7	719.4	725.4	739.7	748.0	757.6	749.2	723.0
55°	651.5	653.9	651.5	652.7	655.1	658.6	680.1	688.5	706.3	695.6	668.2
57.5°	591.9	588.4	591.9	594.3	595.6	599.1	617.0	632.4	643.2	644.3	611.0
60°	522.9	518.1	522.9	533.6	536.0	538.4	555.0	569.3	578.9	582.4	547.9
62.5°	462.1	453.8	462.1	469.3	474.0	480.0	492.0	513.4	521.7	522.9	474.0
65°	397.8	394.3	397.8	412.1	413.3	420.5	433.5	449.1	466.9	464.5	394.3
67.5°	339.5	339.5	339.5	349.0	356.2	359.7	376.4	383.5	406.2	408.6	328.7
70°	285.8	284.7	285.8	293.0	297.7	306.1	321.6	329.9	347.8	353.8	266.8
72.5°	234.6	233.5	234.6	240.6	245.4	252.5	265.6	275.1	290.6	297.7	207.3
75°	189.4	187.0	189.4	194.1	193.0	202.5	213.2	222.7	237.0	241.8	153.6
77.5°	145.3	145.3	145.3	150.1	150.1	159.6	164.4	176.3	184.6	191.8	113.1
80°	108.4	107.2	108.4	109.6	109.6	114.4	122.7	131.0	138.2	138.2	77.4
82.5°	76.2	73.9	76.2	76.2	76.2	78.6	83.4	85.8	90.5	94.1	48.8
85°	47.7	47.7	47.7	48.8	47.7	50.0	51.2	53.6	53.6	51.2	29.7
87.5°	31.0	29.7	31.0	29.7	29.7	28.6	28.6	28.6	27.4	26.2	16.7
90°	42.1	42.1	42.1	42.1	42.1	56.1	74.9	84.2	72.4	48.8	31.0
92.5°	168.6	135.2	168.6	202.1	210.5	298.4	415.5	474.1	416.3	300.6	213.8
95°	587.7	486.3	587.7	689.1	714.5	938.3	1236.5	1385.7	1170.3	739.5	416.5
97.5°	1408.1	1215.1	1408.1	1601.2	1649.4	1790.8	1979.4	2073.7	1714.6	996.2	457.5
100°	2028.8	1798.9	2028.8	2258.7	2316.2	2305.9	2292.1	2285.2	1886.6	1089.7	491.9
102.5°	2639.4	2442.5	2639.4	2836.4	2885.6	2705.4	2465.2	2345.0	1940.8	1132.5	526.1
105°	3417.9	3312.1	3417.9	3523.8	3550.2	3146.3	2607.7	2338.4	1946.9	1164.2	577.1
107.5°	3927.8	3953.4	3927.8	3902.2	3895.8	3332.4	2581.1	2205.4	1860.4	1170.1	652.4
110°	4122.3	4232.6	4122.3	4012.0	3984.5	3354.5	2514.6	2094.7	1783.5	1161.2	694.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4139.6	4308.9	4139.6	3970.2	3927.9	3283.2	2423.6	1993.8	1716.4	1161.6	745.5
115°	4029.8	4264.6	4029.8	3795.0	3736.3	3115.2	2287.1	1873.1	1639.5	1172.3	821.9
117.5°	3797.1	4057.5	3797.1	3536.6	3471.5	2911.0	2163.7	1790.0	1591.4	1194.1	896.2
120°	3609.5	3862.5	3609.5	3356.5	3293.2	2781.1	2098.3	1756.8	1575.1	1211.9	939.3
122.5°	3426.9	3676.5	3426.9	3177.3	3114.8	2653.7	2038.8	1731.3	1566.7	1237.3	990.3
125°	3166.3	3396.2	3166.3	2936.3	2878.9	2487.1	1964.8	1703.6	1559.6	1271.6	1055.7
127.5°	2932.0	3125.9	2932.0	2738.0	2689.5	2353.1	1904.6	1680.4	1555.6	1306.0	1118.8
130°	2793.9	2973.1	2793.9	2614.7	2569.9	2270.4	1871.1	1671.5	1558.0	1331.1	1160.9
132.5°	2668.5	2829.1	2668.5	2508.1	2467.9	2199.8	1842.4	1663.8	1559.7	1351.4	1195.2
135°	2496.9	2635.2	2496.9	2358.5	2324.0	2099.5	1800.2	1650.4	1558.2	1373.6	1235.1
137.5°	2359.1	2472.4	2359.1	2245.9	2217.6	2027.8	1774.8	1648.3	1567.8	1406.8	1286.0
140°	2264.7	2370.5	2264.7	2158.8	2132.4	1968.4	1749.8	1640.5	1569.4	1427.1	1320.4
142.5°	2186.3	2277.5	2186.3	2095.2	2072.5	1928.5	1736.5	1640.5	1575.0	1444.1	1345.9
145°	2069.0	2137.9	2069.0	2000.0	1982.8	1865.0	1707.9	1629.4	1575.0	1466.3	1384.7
147.5°	1978.8	2035.9	1978.8	1921.7	1907.4	1814.7	1691.2	1629.4	1585.9	1498.8	1433.4
150°	1922.2	1968.4	1922.2	1875.8	1864.3	1785.9	1681.6	1629.4	1591.5	1515.6	1458.8
152.5°	1873.6	1908.6	1873.6	1838.6	1829.9	1763.0	1674.0	1629.4	1595.2	1526.8	1475.5
155°	1817.9	1841.0	1817.9	1794.7	1789.0	1735.8	1664.8	1629.4	1603.3	1551.2	1512.0
157.5°	1773.8	1790.0	1773.8	1757.6	1753.5	1712.2	1657.0	1629.4	1611.5	1575.5	1548.6
160°	1747.5	1756.8	1747.5	1738.1	1735.8	1700.3	1653.0	1629.4	1615.1	1586.6	1565.2
162.5°	1730.2	1739.1	1730.2	1721.4	1719.2	1689.2	1649.4	1629.4	1619.1	1598.4	1582.9
165°	1705.4	1714.7	1705.4	1696.0	1693.7	1672.3	1643.7	1629.4	1624.7	1615.4	1608.3
167.5°	1687.6	1691.5	1687.6	1683.6	1682.6	1668.6	1649.8	1640.5	1636.6	1628.7	1622.8
170°	1682.6	1682.6	1682.6	1682.6	1682.6	1668.6	1649.8	1640.5	1640.2	1639.8	1639.4
172.5°	1669.4	1666.0	1669.4	1672.8	1673.7	1662.6	1647.9	1640.5	1640.5	1640.5	1640.5
175°	1661.5	1661.5	1661.5	1661.5	1661.5	1654.5	1645.2	1640.5	1642.7	1647.2	1650.4
177.5°	1654.3	1650.4	1654.3	1658.3	1659.3	1653.8	1646.4	1642.7	1644.4	1647.9	1650.4
180°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0
2.5°	1276.9	1269.7	1269.7	1257.8	1253.1	1249.4	1243.5	1225.6	1220.8	1216.1	1223.2
5°	1287.6	1274.5	1265.0	1243.5	1225.6	1218.5	1195.9	1153.0	1124.4	1102.9	1091.0
7.5°	1289.9	1273.3	1255.4	1222.1	1179.2	1160.1	1091.0	1012.4	991.0	971.9	960.0
10°	1287.6	1268.5	1243.5	1193.5	1092.2	1058.9	989.8	938.5	925.5	921.9	925.5
12.5°	1279.3	1261.3	1226.8	1143.5	1001.7	979.1	938.5	908.8	906.4	912.3	944.6
15°	1265.0	1248.3	1207.8	1076.7	951.7	935.0	906.4	895.7	908.8	950.5	1047.0
17.5°	1250.7	1231.6	1181.6	1011.3	913.6	901.7	881.4	902.8	976.7	1032.7	1064.8
20°	1231.6	1208.9	1151.7	963.6	886.1	875.5	865.9	962.4	1018.4	1038.6	1056.5
22.5°	1208.9	1185.1	1111.2	930.3	857.5	849.3	855.2	995.7	1018.4	1032.7	1048.1
25°	1179.2	1158.9	1063.6	904.1	835.0	825.4	848.0	992.2	1005.3	1008.9	1039.8
27.5°	1151.7	1125.5	1013.7	880.2	807.5	804.0	854.0	976.7	986.2	989.8	1023.2
30°	1118.4	1079.1	957.6	855.2	779.0	777.8	855.2	957.6	955.2	964.8	998.1
32.5°	1083.9	1010.0	894.5	824.2	751.6	750.4	846.9	929.0	926.6	939.8	964.8
35°	1051.7	956.5	808.7	788.5	717.1	718.2	826.6	895.7	896.9	908.8	924.3
37.5°	1018.4	910.0	714.7	749.2	683.7	683.7	799.2	864.7	862.3	865.9	887.4
40°	979.1	837.3	631.3	698.0	652.7	649.1	765.9	831.3	823.0	821.8	851.6
42.5°	937.4	757.6	569.3	630.1	617.0	612.2	725.4	790.9	775.4	779.0	817.0
45°	892.1	736.1	521.7	532.4	580.0	576.5	681.3	744.4	733.7	743.3	782.5
47.5°	846.9	693.2	506.2	441.9	540.8	539.5	632.4	699.1	693.2	702.8	744.4
50°	784.9	645.6	505.0	378.7	496.7	501.5	574.1	655.1	655.1	663.4	707.5
52.5°	705.2	587.2	458.6	343.0	445.4	459.7	522.9	617.0	619.4	627.7	667.0
55°	632.4	526.5	425.2	315.6	384.7	415.7	472.9	577.6	582.4	590.8	626.5
57.5°	565.7	438.3	418.1	283.4	328.7	358.5	428.8	539.5	541.9	549.1	583.6
60°	494.3	316.8	383.5	248.9	279.9	302.5	388.3	494.3	502.6	507.4	537.2
62.5°	413.3	229.9	347.8	225.1	256.1	260.8	354.9	451.5	462.1	465.8	483.6
65°	294.2	193.0	295.3	204.9	231.1	232.3	319.2	407.3	416.9	422.9	435.9
67.5°	198.9	157.3	225.1	185.8	212.1	213.2	284.7	356.2	369.2	374.0	382.4
70°	138.2	104.8	166.8	165.5	190.6	193.0	247.8	309.6	321.6	325.2	329.9
72.5°	101.2	84.5	138.2	148.9	167.9	170.3	209.7	257.3	269.2	272.8	275.1
75°	77.4	89.3	112.0	129.8	143.0	144.1	171.5	209.7	218.0	220.3	221.6
77.5°	61.9	83.4	82.2	104.8	116.7	114.4	134.6	162.0	169.2	169.2	169.2
80°	46.4	65.5	61.9	75.0	85.8	83.4	96.4	115.5	117.9	120.3	119.1
82.5°	34.5	41.6	41.6	47.7	57.2	54.8	64.3	75.0	75.0	75.0	77.4
85°	21.4	23.8	19.1	25.0	32.1	31.0	35.7	40.5	41.6	41.6	39.3
87.5°	13.1	10.7	5.9	9.5	14.3	14.3	16.7	17.8	16.7	16.7	16.7
90°	28.8	20.0	11.1	20.0	28.8	31.0	48.8	72.4	84.2	74.9	56.1
92.5°	195.0	119.6	44.3	119.6	195.0	213.8	300.6	416.3	474.1	415.5	298.4
95°	382.0	244.2	106.4	244.2	382.0	416.5	739.5	1170.3	1385.7	1236.5	938.3
97.5°	427.1	305.5	183.9	305.5	427.1	457.5	996.2	1714.6	2073.7	1979.4	1790.8
100°	464.2	354.0	243.7	354.0	464.2	491.9	1089.7	1886.6	2285.2	2292.1	2305.9
102.5°	500.4	397.6	294.6	397.6	500.4	526.1	1132.5	1940.8	2345.0	2465.2	2705.4
105°	555.4	468.2	381.0	468.2	555.4	577.1	1164.2	1946.9	2338.4	2607.7	3146.3
107.5°	632.1	550.9	469.7	550.9	632.1	652.4	1170.1	1860.4	2205.4	2581.1	3332.4
110°	676.2	602.9	529.5	602.9	676.2	694.5	1161.2	1783.5	2094.7	2514.6	3354.5



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	728.0	658.1	588.2	658.1	728.0	745.5	1161.6	1716.4	1993.8	2423.6	3283.2
115°	805.8	741.3	676.8	741.3	805.8	821.9	1172.3	1639.5	1873.1	2287.1	3115.2
117.5°	881.5	822.9	764.3	822.9	881.5	896.2	1194.1	1591.4	1790.0	2163.7	2911.0
120°	925.6	870.4	815.3	870.4	925.6	939.3	1211.9	1575.1	1756.8	2098.3	2781.1
122.5°	976.4	920.8	865.1	920.8	976.4	990.3	1237.3	1566.7	1731.3	2038.8	2653.7
125°	1043.0	992.3	941.5	992.3	1043.0	1055.7	1271.6	1559.6	1703.6	1964.8	2487.1
127.5°	1106.0	1054.8	1003.6	1054.8	1106.0	1118.8	1306.0	1555.6	1680.4	1904.6	2353.1
130°	1147.1	1092.0	1036.8	1092.0	1147.1	1160.9	1331.1	1558.0	1671.5	1871.1	2270.4
132.5°	1181.5	1126.3	1071.2	1126.3	1181.5	1195.2	1351.4	1559.7	1663.8	1842.4	2199.8
135°	1222.6	1172.3	1122.1	1172.3	1222.6	1235.1	1373.6	1558.2	1650.4	1800.2	2099.5
137.5°	1273.6	1223.9	1174.2	1223.9	1273.6	1286.0	1406.8	1567.8	1648.3	1774.8	2027.8
140°	1308.9	1263.2	1217.4	1263.2	1308.9	1320.4	1427.1	1569.4	1640.5	1749.8	1968.4
142.5°	1335.3	1292.9	1250.6	1292.9	1335.3	1345.9	1444.1	1575.0	1640.5	1736.5	1928.5
145°	1375.4	1338.5	1301.5	1338.5	1375.4	1384.7	1466.3	1575.0	1629.4	1707.9	1865.0
147.5°	1424.4	1388.5	1352.5	1388.5	1424.4	1433.4	1498.8	1585.9	1629.4	1691.2	1814.7
150°	1450.7	1418.2	1385.7	1418.2	1450.7	1458.8	1515.6	1591.5	1629.4	1681.6	1785.9
152.5°	1469.4	1444.7	1420.1	1444.7	1469.4	1475.5	1526.8	1595.2	1629.4	1674.0	1763.0
155°	1507.5	1489.3	1471.1	1489.3	1507.5	1512.0	1551.2	1603.3	1629.4	1664.8	1735.8
157.5°	1544.1	1526.5	1508.7	1526.5	1544.1	1548.6	1575.5	1611.5	1629.4	1657.0	1712.2
160°	1561.7	1548.0	1534.2	1548.0	1561.7	1565.2	1586.6	1615.1	1629.4	1653.0	1700.3
162.5°	1580.4	1570.0	1559.7	1570.0	1580.4	1582.9	1598.4	1619.1	1629.4	1649.4	1689.2
165°	1606.0	1596.6	1587.3	1596.6	1606.0	1608.3	1615.4	1624.7	1629.4	1643.7	1672.3
167.5°	1621.7	1617.2	1612.8	1617.2	1621.7	1622.8	1628.7	1636.6	1640.5	1649.8	1668.6
170°	1638.3	1633.8	1629.4	1633.8	1638.3	1639.4	1639.8	1640.2	1640.5	1649.8	1668.6
172.5°	1640.2	1639.2	1638.3	1639.2	1640.2	1640.5	1640.5	1640.5	1640.5	1647.9	1662.6
175°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1647.2	1642.7	1640.5	1645.2	1654.5
177.5°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1647.9	1644.4	1642.7	1646.4	1653.8
180°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0
2.5°	1214.9	1211.3	1216.1	1203.0	1216.1	1211.3	1214.9	1223.2	1216.1	1220.8	1225.6
5°	1066.0	1060.1	1041.0	1025.6	1041.0	1060.1	1066.0	1091.0	1102.9	1124.4	1153.0
7.5°	952.8	948.1	943.3	933.8	943.3	948.1	952.8	960.0	971.9	991.0	1012.4
10°	927.9	929.0	936.2	935.0	936.2	929.0	927.9	925.5	921.9	925.5	938.5
12.5°	992.2	1002.9	1042.2	1039.8	1042.2	1002.9	992.2	944.6	912.3	906.4	908.8
15°	1066.0	1069.6	1077.9	1079.1	1077.9	1069.6	1066.0	1047.0	950.5	908.8	895.7
17.5°	1073.1	1074.4	1080.3	1080.3	1080.3	1074.4	1073.1	1064.8	1032.7	976.7	902.8
20°	1067.2	1069.6	1081.5	1083.9	1081.5	1069.6	1067.2	1056.5	1038.6	1018.4	962.4
22.5°	1064.8	1069.6	1079.1	1077.9	1079.1	1069.6	1064.8	1048.1	1032.7	1018.4	995.7
25°	1052.9	1052.9	1054.1	1055.3	1054.1	1052.9	1052.9	1039.8	1008.9	1005.3	992.2
27.5°	1027.9	1030.3	1037.5	1036.2	1037.5	1030.3	1027.9	1023.2	989.8	986.2	976.7
30°	1005.3	1002.9	997.0	992.2	997.0	1002.9	1005.3	998.1	964.8	955.2	957.6
32.5°	967.1	961.2	955.2	951.7	955.2	961.2	967.1	964.8	939.8	926.6	929.0
35°	921.9	923.1	921.9	918.3	921.9	923.1	921.9	924.3	908.8	896.9	895.7
37.5°	889.8	892.1	890.9	886.1	890.9	892.1	889.8	887.4	865.9	862.3	864.7
40°	856.4	857.5	856.4	852.8	856.4	857.5	856.4	851.6	821.8	823.0	831.3
42.5°	824.2	823.0	819.4	817.0	819.4	823.0	824.2	817.0	779.0	775.4	790.9
45°	787.3	788.5	781.4	777.8	781.4	788.5	787.3	782.5	743.3	733.7	744.4
47.5°	750.4	750.4	744.4	740.9	744.4	750.4	750.4	744.4	702.8	693.2	699.1
50°	711.1	709.9	701.5	700.4	701.5	709.9	711.1	707.5	663.4	655.1	655.1
52.5°	665.8	665.8	667.0	669.4	667.0	665.8	665.8	667.0	627.7	619.4	617.0
55°	626.5	627.7	636.1	638.4	636.1	627.7	626.5	626.5	590.8	582.4	577.6
57.5°	586.0	586.0	591.9	591.9	591.9	586.0	586.0	583.6	549.1	541.9	539.5
60°	539.5	541.9	546.7	545.5	546.7	541.9	539.5	537.2	507.4	502.6	494.3
62.5°	490.7	493.1	494.3	492.0	494.3	493.1	490.7	483.6	465.8	462.1	451.5
65°	439.5	441.9	443.1	440.7	443.1	441.9	439.5	435.9	422.9	416.9	407.3
67.5°	387.1	385.9	384.7	389.5	384.7	385.9	387.1	382.4	374.0	369.2	356.2
70°	333.5	333.5	332.3	334.7	332.3	333.5	333.5	329.9	325.2	321.6	309.6
72.5°	276.3	275.1	279.9	276.3	279.9	275.1	276.3	275.1	272.8	269.2	257.3
75°	220.3	222.7	220.3	224.0	220.3	222.7	220.3	221.6	220.3	218.0	209.7
77.5°	167.9	170.3	167.9	167.9	167.9	170.3	167.9	169.2	169.2	169.2	162.0
80°	119.1	117.9	117.9	116.7	117.9	117.9	119.1	119.1	120.3	117.9	115.5
82.5°	76.2	75.0	75.0	77.4	75.0	75.0	76.2	77.4	75.0	75.0	75.0
85°	41.6	42.9	40.5	40.5	40.5	42.9	41.6	39.3	41.6	41.6	40.5
87.5°	15.5	14.3	14.3	14.3	14.3	14.3	15.5	16.7	16.7	16.7	17.8
90°	42.1	42.1	42.1	42.1	42.1	42.1	42.1	56.1	74.9	84.2	72.4
92.5°	210.5	202.1	168.6	135.2	168.6	202.1	210.5	298.4	415.5	474.1	416.3
95°	714.5	689.1	587.7	486.3	587.7	689.1	714.5	938.3	1236.5	1385.7	1170.3
97.5°	1649.4	1601.2	1408.1	1215.1	1408.1	1601.2	1649.4	1790.8	1979.4	2073.7	1714.6
100°	2316.2	2258.7	2028.8	1798.9	2028.8	2258.7	2316.2	2305.9	2292.1	2285.2	1886.6
102.5°	2885.6	2836.4	2639.4	2442.5	2639.4	2836.4	2885.6	2705.4	2465.2	2345.0	1940.8
105°	3550.2	3523.8	3417.9	3312.1	3417.9	3523.8	3550.2	3146.3	2607.7	2338.4	1946.9
107.5°	3895.8	3902.2	3927.8	3953.4	3927.8	3902.2	3895.8	3332.4	2581.1	2205.4	1860.4
110°	3984.5	4012.0	4122.3	4232.6	4122.3	4012.0	3984.5	3354.5	2514.6	2094.7	1783.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3927.9	3970.2	4139.6	4308.9	4139.6	3970.2	3927.9	3283.2	2423.6	1993.8	1716.4
115°	3736.3	3795.0	4029.8	4264.6	4029.8	3795.0	3736.3	3115.2	2287.1	1873.1	1639.5
117.5°	3471.5	3536.6	3797.1	4057.5	3797.1	3536.6	3471.5	2911.0	2163.7	1790.0	1591.4
120°	3293.2	3356.5	3609.5	3862.5	3609.5	3356.5	3293.2	2781.1	2098.3	1756.8	1575.1
122.5°	3114.8	3177.3	3426.9	3676.5	3426.9	3177.3	3114.8	2653.7	2038.8	1731.3	1566.7
125°	2878.9	2936.3	3166.3	3396.2	3166.3	2936.3	2878.9	2487.1	1964.8	1703.6	1559.6
127.5°	2689.5	2738.0	2932.0	3125.9	2932.0	2738.0	2689.5	2353.1	1904.6	1680.4	1555.6
130°	2569.9	2614.7	2793.9	2973.1	2793.9	2614.7	2569.9	2270.4	1871.1	1671.5	1558.0
132.5°	2467.9	2508.1	2668.5	2829.1	2668.5	2508.1	2467.9	2199.8	1842.4	1663.8	1559.7
135°	2324.0	2358.5	2496.9	2635.2	2496.9	2358.5	2324.0	2099.5	1800.2	1650.4	1558.2
137.5°	2217.6	2245.9	2359.1	2472.4	2359.1	2245.9	2217.6	2027.8	1774.8	1648.3	1567.8
140°	2132.4	2158.8	2264.7	2370.5	2264.7	2158.8	2132.4	1968.4	1749.8	1640.5	1569.4
142.5°	2072.5	2095.2	2186.3	2277.5	2186.3	2095.2	2072.5	1928.5	1736.5	1640.5	1575.0
145°	1982.8	2000.0	2069.0	2137.9	2069.0	2000.0	1982.8	1865.0	1707.9	1629.4	1575.0
147.5°	1907.4	1921.7	1978.8	2035.9	1978.8	1921.7	1907.4	1814.7	1691.2	1629.4	1585.9
150°	1864.3	1875.8	1922.2	1968.4	1922.2	1875.8	1864.3	1785.9	1681.6	1629.4	1591.5
152.5°	1829.9	1838.6	1873.6	1908.6	1873.6	1838.6	1829.9	1763.0	1674.0	1629.4	1595.2
155°	1789.0	1794.7	1817.9	1841.0	1817.9	1794.7	1789.0	1735.8	1664.8	1629.4	1603.3
157.5°	1753.5	1757.6	1773.8	1790.0	1773.8	1757.6	1753.5	1712.2	1657.0	1629.4	1611.5
160°	1735.8	1738.1	1747.5	1756.8	1747.5	1738.1	1735.8	1700.3	1653.0	1629.4	1615.1
162.5°	1719.2	1721.4	1730.2	1739.1	1730.2	1721.4	1719.2	1689.2	1649.4	1629.4	1619.1
165°	1693.7	1696.0	1705.4	1714.7	1705.4	1696.0	1693.7	1672.3	1643.7	1629.4	1624.7
167.5°	1682.6	1683.6	1687.6	1691.5	1687.6	1683.6	1682.6	1668.6	1649.8	1640.5	1636.6
170°	1682.6	1682.6	1682.6	1682.6	1682.6	1682.6	1682.6	1668.6	1649.8	1640.5	1640.2
172.5°	1673.7	1672.8	1669.4	1666.0	1669.4	1672.8	1673.7	1662.6	1647.9	1640.5	1640.5
175°	1661.5	1661.5	1661.5	1661.5	1661.5	1661.5	1661.5	1654.5	1645.2	1640.5	1642.7
177.5°	1659.3	1658.3	1654.3	1650.4	1654.3	1658.3	1659.3	1653.8	1646.4	1642.7	1644.4
180°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1259.0	1259.0	1259.0	1259.0	1259.0
2.5°	1243.5	1249.4	1253.1	1257.8	1269.7
5°	1195.9	1218.5	1225.6	1243.5	1265.0
7.5°	1091.0	1160.1	1179.2	1222.1	1255.4
10°	989.8	1058.9	1092.2	1193.5	1243.5
12.5°	938.5	979.1	1001.7	1143.5	1226.8
15°	906.4	935.0	951.7	1076.7	1207.8
17.5°	881.4	901.7	913.6	1011.3	1181.6
20°	865.9	875.5	886.1	963.6	1151.7
22.5°	855.2	849.3	857.5	930.3	1111.2
25°	848.0	825.4	835.0	904.1	1063.6
27.5°	854.0	804.0	807.5	880.2	1013.7
30°	855.2	777.8	779.0	855.2	957.6
32.5°	846.9	750.4	751.6	824.2	894.5
35°	826.6	718.2	717.1	788.5	808.7
37.5°	799.2	683.7	683.7	749.2	714.7
40°	765.9	649.1	652.7	698.0	631.3
42.5°	725.4	612.2	617.0	630.1	569.3
45°	681.3	576.5	580.0	532.4	521.7
47.5°	632.4	539.5	540.8	441.9	506.2
50°	574.1	501.5	496.7	378.7	505.0
52.5°	522.9	459.7	445.4	343.0	458.6
55°	472.9	415.7	384.7	315.6	425.2
57.5°	428.8	358.5	328.7	283.4	418.1
60°	388.3	302.5	279.9	248.9	383.5
62.5°	354.9	260.8	256.1	225.1	347.8
65°	319.2	232.3	231.1	204.9	295.3
67.5°	284.7	213.2	212.1	185.8	225.1
70°	247.8	193.0	190.6	165.5	166.8
72.5°	209.7	170.3	167.9	148.9	138.2
75°	171.5	144.1	143.0	129.8	112.0
77.5°	134.6	114.4	116.7	104.8	82.2
80°	96.4	83.4	85.8	75.0	61.9
82.5°	64.3	54.8	57.2	47.7	41.6
85°	35.7	31.0	32.1	25.0	19.1
87.5°	16.7	14.3	14.3	9.5	5.9
90°	48.8	31.0	28.8	20.0	11.1
92.5°	300.6	213.8	195.0	119.6	44.3
95°	739.5	416.5	382.0	244.2	106.4
97.5°	996.2	457.5	427.1	305.5	183.9
100°	1089.7	491.9	464.2	354.0	243.7
102.5°	1132.5	526.1	500.4	397.6	294.6
105°	1164.2	577.1	555.4	468.2	381.0
107.5°	1170.1	652.4	632.1	550.9	469.7
110°	1161.2	694.5	676.2	602.9	529.5



TEST NUMBER: P935876

CATALOG NUMBER: SQ4-FA-150U-050D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1161.6	745.5	728.0	658.1	588.2
115°	1172.3	821.9	805.8	741.3	676.8
117.5°	1194.1	896.2	881.5	822.9	764.3
120°	1211.9	939.3	925.6	870.4	815.3
122.5°	1237.3	990.3	976.4	920.8	865.1
125°	1271.6	1055.7	1043.0	992.3	941.5
127.5°	1306.0	1118.8	1106.0	1054.8	1003.6
130°	1331.1	1160.9	1147.1	1092.0	1036.8
132.5°	1351.4	1195.2	1181.5	1126.3	1071.2
135°	1373.6	1235.1	1222.6	1172.3	1122.1
137.5°	1406.8	1286.0	1273.6	1223.9	1174.2
140°	1427.1	1320.4	1308.9	1263.2	1217.4
142.5°	1444.1	1345.9	1335.3	1292.9	1250.6
145°	1466.3	1384.7	1375.4	1338.5	1301.5
147.5°	1498.8	1433.4	1424.4	1388.5	1352.5
150°	1515.6	1458.8	1450.7	1418.2	1385.7
152.5°	1526.8	1475.5	1469.4	1444.7	1420.1
155°	1551.2	1512.0	1507.5	1489.3	1471.1
157.5°	1575.5	1548.6	1544.1	1526.5	1508.7
160°	1586.6	1565.2	1561.7	1548.0	1534.2
162.5°	1598.4	1582.9	1580.4	1570.0	1559.7
165°	1615.4	1608.3	1606.0	1596.6	1587.3
167.5°	1628.7	1622.8	1621.7	1617.2	1612.8
170°	1639.8	1639.4	1638.3	1633.8	1629.4
172.5°	1640.5	1640.5	1640.2	1639.2	1638.3
175°	1647.2	1650.4	1650.4	1650.4	1650.4
177.5°	1647.9	1650.4	1650.4	1650.4	1650.4
180°	1650.4	1650.4	1650.4	1650.4	1650.4



TEST NUMBER: P935876
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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	7.73	8.39	8.89	9.54	11.14	10.57	11.23	11.72	12.37	13.98
	3H	8.19	8.78	9.35	9.94	11.56	11.90	12.49	13.06	13.65	15.27
	4H	8.37	8.94	9.54	10.09	11.71	12.34	12.90	13.51	14.05	15.68
	6H	8.48	9.00	9.66	10.15	11.79	12.61	13.13	13.79	14.29	15.92
	8H	8.48	8.97	9.66	10.14	11.77	12.68	13.18	13.86	14.34	15.97
	12H	8.44	8.91	9.63	10.07	11.72	12.72	13.18	13.90	14.35	16.00
4H	2H	8.74	9.30	9.92	10.46	12.08	10.95	11.52	12.13	12.67	14.29
	3H	9.75	10.22	10.93	11.40	13.03	12.44	12.91	13.63	14.09	15.73
	4H	10.01	10.45	11.20	11.61	13.27	12.96	13.40	14.15	14.56	16.22
	6H	10.13	10.50	11.32	11.69	13.33	13.32	13.69	14.51	14.88	16.52
	8H	10.13	10.48	11.32	11.65	13.32	13.42	13.77	14.61	14.95	16.61
	12H	10.09	10.40	11.29	11.59	13.26	13.47	13.78	14.67	14.97	16.64
8H	4H	10.45	10.80	11.64	11.98	13.64	13.07	13.42	14.26	14.59	16.26
	6H	10.71	10.99	11.92	12.21	13.87	13.50	13.79	14.71	15.01	16.67
	8H	10.75	11.00	11.96	12.19	13.87	13.65	13.90	14.87	15.10	16.78
	12H	10.72	10.94	11.94	12.14	13.85	13.74	13.96	14.96	15.16	16.87
12H	4H	10.45	10.77	11.66	11.95	13.62	13.02	13.34	14.23	14.53	16.20
	6H	10.77	11.01	11.98	12.21	13.89	13.50	13.74	14.71	14.94	16.62
	8H	10.82	11.04	12.04	12.24	13.95	13.65	13.87	14.87	15.06	16.77