

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: P935116

Luminaire Tested: SQ4-FA-100U-075D-835-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935116
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-835-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

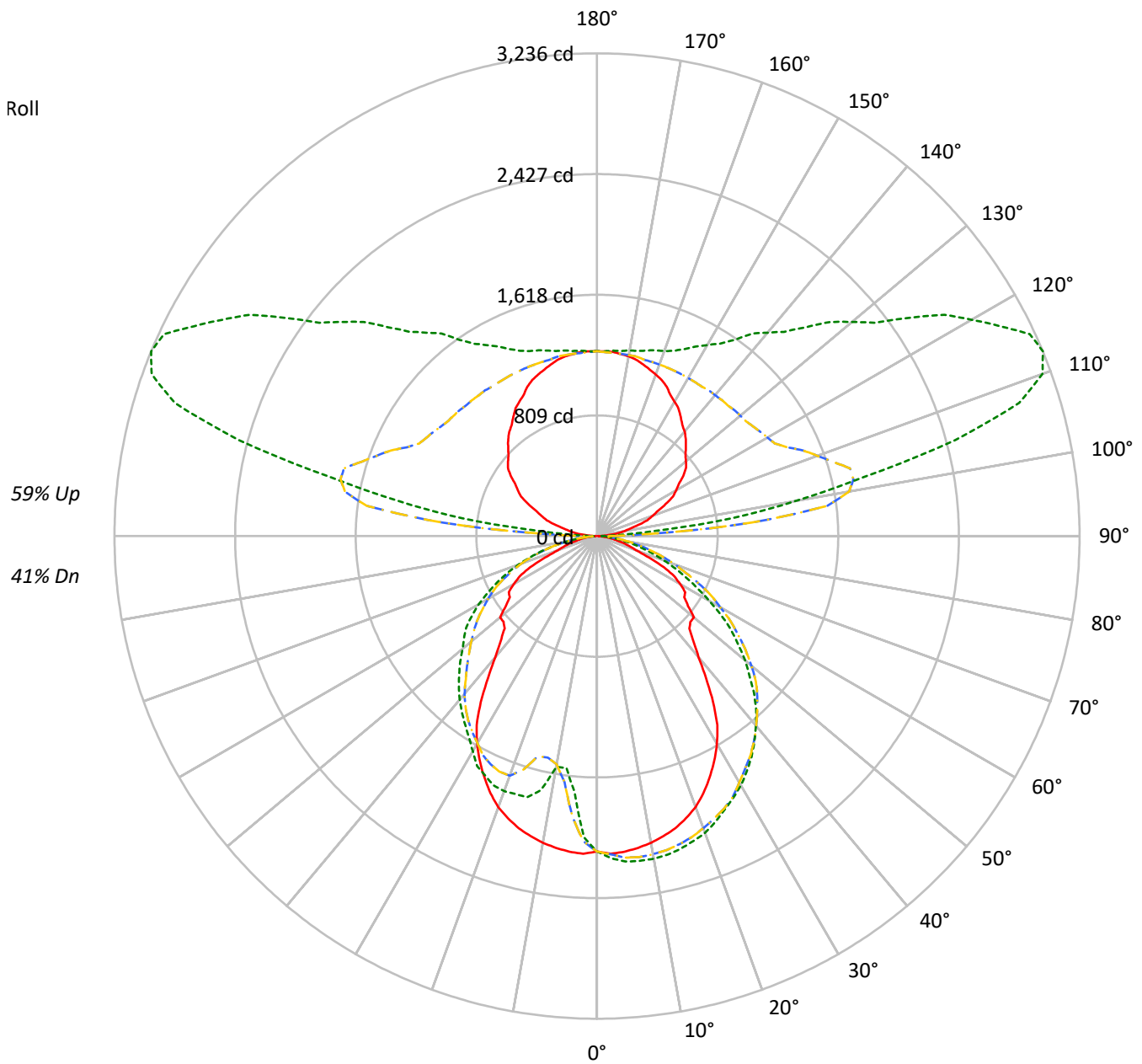
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13521.0 lumens
Efficiency: N/A
Efficacy: 137.4 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: P935116
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Luminous Intensity Polar Plot



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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.8	1.4
10°-20°	541.8	4.0
20°-30°	837.5	6.2
30°-40°	999.8	7.4
40°-50°	1005.6	7.4
50°-60°	875.1	6.5
60°-70°	620.4	4.6
70°-80°	328.2	2.4
80°-90°	86.5	0.6
90°-100°	604.2	4.5
100°-110°	1588.5	11.7
110°-120°	1647.1	12.2
120°-130°	1321.2	9.8
130°-140°	1036.6	7.7
140°-150°	795.7	5.9
150°-160°	573.0	4.2
160°-170°	350.6	2.6
170°-180°	118.4	0.9
0°-30°	1570.1	11.6
0°-40°	2569.9	19.0
0°-60°	4450.6	32.9
0°-90°	5485.7	40.6
90°-120°	3839.8	28.4
90°-150°	6993.2	51.7
90°-180°	8035.0	59.4
0°-180°	13521.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2114	2114	2114	2114	2114	
5°	2124	2190	2124	1722	2124	201
15°	2028	2170	2028	1812	2028	571
25°	1786	2024	1786	1772	1786	820
35°	1358	1806	1358	1542	1358	840
45°	876	1488	876	1306	876	702
55°	714	1098	714	1072	714	656
65°	496	662	496	740	496	474
75°	188	314	188	376	188	198
85°	32	80	32	68	32	43
90°	8	32	8	32	8	8
95°	80	365	80	365	80	89
105°	286	2487	286	2487	286	303
115°	508	3203	508	3203	508	502
125°	707	2551	707	2551	707	628
135°	843	1979	843	1979	843	652
145°	978	1606	978	1606	978	612
155°	1105	1383	1105	1383	1105	508
165°	1192	1288	1192	1288	1192	336
175°	1240	1248	1240	1248	1240	118
180°	1240	1240	1240	1240	1240	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9
2.5°	2131.9	2131.9	2143.9	2147.9	2147.9	2141.9	2135.9	2141.9	2159.9	2165.9	2163.9
5°	2123.9	2139.9	2161.9	2165.9	2169.9	2167.9	2163.9	2167.9	2187.9	2191.9	2193.9
7.5°	2107.9	2137.9	2165.9	2171.9	2177.9	2171.9	2169.9	2173.9	2193.9	2197.9	2197.9
10°	2087.9	2129.9	2161.9	2165.9	2171.9	2165.9	2165.9	2173.9	2193.9	2197.9	2199.9
12.5°	2059.9	2117.9	2147.9	2151.9	2159.9	2157.9	2155.9	2163.9	2183.9	2187.9	2187.9
15°	2027.9	2095.9	2123.9	2127.9	2141.9	2137.9	2137.9	2145.9	2167.9	2173.9	2171.9
17.5°	1983.9	2067.9	2099.9	2105.9	2115.9	2113.9	2115.9	2123.9	2143.9	2147.9	2149.9
20°	1933.9	2029.9	2067.9	2073.9	2083.9	2083.9	2083.9	2093.9	2113.9	2121.9	2121.9
22.5°	1865.9	1989.9	2029.9	2033.9	2045.9	2045.9	2049.9	2063.9	2081.9	2083.9	2083.9
25°	1785.9	1945.9	1979.9	1991.9	2003.9	2009.9	2015.9	2023.9	2029.9	2027.9	2029.9
27.5°	1701.9	1889.9	1933.9	1941.9	1957.9	1963.9	1971.9	1973.9	1975.9	1981.9	1977.9
30°	1607.9	1811.9	1877.9	1885.9	1911.9	1915.9	1907.9	1911.9	1921.9	1925.9	1929.9
32.5°	1501.9	1695.9	1819.9	1837.9	1861.9	1849.9	1847.9	1853.9	1869.9	1869.9	1873.9
35°	1357.9	1605.9	1765.9	1781.9	1799.9	1785.9	1793.9	1795.9	1805.9	1811.9	1809.9
37.5°	1199.9	1527.9	1709.9	1721.9	1735.9	1717.9	1729.9	1735.9	1743.9	1739.9	1739.9
40°	1060.0	1405.9	1643.9	1651.9	1663.9	1649.9	1661.9	1665.9	1669.9	1665.9	1663.9
42.5°	956.0	1271.9	1573.9	1583.9	1575.9	1585.9	1589.9	1597.9	1591.9	1583.9	1583.9
45°	876.0	1235.9	1497.9	1509.9	1497.9	1513.9	1519.9	1519.9	1501.9	1497.9	1495.9
47.5°	850.0	1164.0	1421.9	1421.9	1415.9	1435.9	1445.9	1431.9	1413.9	1407.9	1407.9
50°	848.0	1084.0	1317.9	1309.9	1337.9	1361.9	1351.9	1337.9	1323.9	1301.9	1301.9
52.5°	770.0	986.0	1184.0	1213.9	1257.9	1271.9	1255.9	1241.9	1217.9	1207.9	1199.9
55°	714.0	884.0	1062.0	1122.0	1168.0	1186.0	1156.0	1142.0	1106.0	1100.0	1096.0
57.5°	702.0	736.0	950.0	1026.0	1082.0	1080.0	1062.0	1036.0	1006.0	1000.0	998.0
60°	644.0	532.0	830.0	920.0	978.0	972.0	956.0	932.0	904.0	900.0	896.0
62.5°	584.0	386.0	694.0	796.0	878.0	876.0	862.0	826.0	806.0	796.0	788.0
65°	496.0	324.0	494.0	662.0	780.0	784.0	754.0	728.0	706.0	694.0	692.0
67.5°	378.0	264.0	334.0	552.0	686.0	682.0	644.0	632.0	604.0	598.0	586.0
70°	280.0	176.0	232.0	448.0	594.0	584.0	554.0	540.0	514.0	500.0	492.0
72.5°	232.0	142.0	170.0	348.0	500.0	488.0	462.0	446.0	424.0	412.0	404.0
75°	188.0	150.0	130.0	258.0	406.0	398.0	374.0	358.0	340.0	324.0	326.0
77.5°	138.0	140.0	104.0	190.0	322.0	310.0	296.0	276.0	268.0	252.0	252.0
80°	104.0	110.0	78.0	130.0	232.0	232.0	220.0	206.0	192.0	184.0	184.0
82.5°	70.0	70.0	58.0	82.0	158.0	152.0	144.0	140.0	132.0	128.0	128.0
85°	32.0	40.0	36.0	50.0	86.0	90.0	90.0	86.0	84.0	80.0	82.0
87.5°	10.0	18.0	22.0	28.0	44.0	46.0	48.0	48.0	48.0	50.0	50.0
90°	8.3	15.0	21.6	23.3	36.6	54.3	63.2	56.2	42.1	31.6	31.6
92.5°	33.3	89.9	146.5	160.6	225.7	312.6	356.0	312.0	224.1	158.1	151.8
95°	79.9	183.4	286.9	312.8	555.4	878.9	1040.7	928.7	704.6	536.6	517.6
97.5°	138.1	229.4	320.8	343.6	748.2	1287.6	1557.3	1486.5	1344.9	1238.7	1202.5
100°	183.0	265.8	348.7	369.4	818.3	1416.9	1716.2	1721.4	1731.7	1739.5	1696.3
102.5°	221.3	298.5	375.8	395.1	850.4	1457.5	1761.1	1851.3	2031.8	2167.1	2130.1
105°	286.2	351.6	417.0	433.4	874.3	1462.2	1756.1	1958.3	2362.8	2666.2	2646.3
107.5°	352.7	413.7	474.7	490.0	878.8	1397.1	1656.3	1938.4	2502.6	2925.7	2930.5
110°	397.6	452.7	507.8	521.6	872.1	1339.4	1573.1	1888.5	2519.2	2992.3	3013.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	441.7	494.2	546.8	559.9	872.4	1289.1	1497.4	1820.2	2465.7	2949.9	2981.7
115°	508.3	556.7	605.2	617.3	880.4	1231.3	1406.7	1717.7	2339.6	2806.0	2850.1
117.5°	574.0	618.0	662.0	673.0	896.8	1195.1	1344.3	1624.9	2186.2	2607.1	2656.0
120°	612.3	653.7	695.1	705.4	910.1	1183.0	1319.4	1575.8	2088.6	2473.2	2520.7
122.5°	649.7	691.5	733.3	743.7	929.2	1176.5	1300.2	1531.1	1992.9	2339.3	2386.2
125°	707.1	745.2	783.3	792.8	955.0	1171.3	1279.4	1475.6	1867.9	2162.1	2205.3
127.5°	753.7	792.1	830.6	840.2	980.8	1168.3	1262.0	1430.4	1767.2	2019.8	2056.2
130°	778.6	820.0	861.4	871.8	999.6	1170.1	1255.3	1405.2	1705.1	1930.0	1963.6
132.5°	804.4	845.8	887.2	897.6	1014.9	1171.3	1249.5	1383.7	1652.1	1853.4	1883.5
135°	842.7	880.4	918.2	927.6	1031.6	1170.2	1239.5	1351.9	1576.7	1745.3	1771.3
137.5°	881.8	919.1	956.5	965.8	1056.5	1177.4	1237.8	1332.8	1522.9	1665.4	1686.7
140°	914.2	948.6	983.0	991.6	1071.7	1178.6	1232.0	1314.1	1478.3	1601.4	1621.3
142.5°	939.2	971.0	1002.8	1010.7	1084.5	1182.8	1232.0	1304.1	1448.3	1556.5	1573.6
145°	977.5	1005.2	1033.0	1039.9	1101.2	1182.9	1223.7	1282.7	1400.6	1489.1	1502.0
147.5°	1015.7	1042.7	1069.7	1076.5	1125.6	1191.0	1223.7	1270.1	1362.9	1432.5	1443.2
150°	1040.7	1065.1	1089.5	1095.6	1138.3	1195.2	1223.7	1262.9	1341.3	1400.1	1408.8
152.5°	1066.5	1085.0	1103.5	1108.1	1146.6	1198.0	1223.7	1257.2	1324.1	1374.3	1380.9
155°	1104.7	1118.4	1132.1	1135.5	1164.9	1204.1	1223.7	1250.3	1303.6	1343.5	1347.8
157.5°	1133.0	1146.3	1159.7	1163.0	1183.2	1210.2	1223.7	1244.4	1285.8	1316.9	1319.9
160°	1152.2	1162.6	1172.9	1175.5	1191.6	1213.0	1223.7	1241.5	1277.0	1303.6	1305.4
162.5°	1171.3	1179.1	1186.9	1188.8	1200.4	1215.9	1223.7	1238.7	1268.6	1291.1	1292.8
165°	1192.1	1199.1	1206.1	1207.9	1213.2	1220.2	1223.7	1234.4	1255.9	1272.0	1273.8
167.5°	1211.2	1214.5	1217.9	1218.7	1223.1	1229.0	1232.0	1239.0	1253.1	1263.6	1264.3
170°	1223.7	1227.0	1230.4	1231.2	1231.5	1231.8	1232.0	1239.0	1253.1	1263.6	1263.6
172.5°	1230.4	1231.1	1231.8	1232.0	1232.0	1232.0	1232.0	1237.6	1248.7	1257.0	1256.4
175°	1239.5	1239.5	1239.5	1239.5	1237.0	1233.7	1232.0	1235.5	1242.5	1247.8	1247.8
177.5°	1239.5	1239.5	1239.5	1239.5	1237.6	1235.0	1233.7	1236.5	1242.0	1246.2	1245.5
180°	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9
2.5°	2167.9	2161.9	2167.9	2163.9	2165.9	2159.9	2141.9	2135.9	2141.9	2147.9	2147.9
5°	2193.9	2189.9	2193.9	2193.9	2191.9	2187.9	2167.9	2163.9	2167.9	2169.9	2165.9
7.5°	2201.9	2195.9	2201.9	2197.9	2197.9	2193.9	2173.9	2169.9	2171.9	2177.9	2171.9
10°	2201.9	2195.9	2201.9	2199.9	2197.9	2193.9	2173.9	2165.9	2165.9	2171.9	2165.9
12.5°	2191.9	2187.9	2191.9	2187.9	2187.9	2183.9	2163.9	2155.9	2157.9	2159.9	2151.9
15°	2175.9	2169.9	2175.9	2171.9	2173.9	2167.9	2145.9	2137.9	2137.9	2141.9	2127.9
17.5°	2151.9	2143.9	2151.9	2149.9	2147.9	2143.9	2123.9	2115.9	2113.9	2115.9	2105.9
20°	2123.9	2117.9	2123.9	2121.9	2121.9	2113.9	2093.9	2083.9	2083.9	2083.9	2073.9
22.5°	2079.9	2073.9	2079.9	2083.9	2083.9	2081.9	2063.9	2049.9	2045.9	2045.9	2033.9
25°	2029.9	2023.9	2029.9	2029.9	2027.9	2029.9	2023.9	2015.9	2009.9	2003.9	1991.9
27.5°	1981.9	1977.9	1981.9	1977.9	1981.9	1975.9	1973.9	1971.9	1963.9	1957.9	1941.9
30°	1933.9	1929.9	1933.9	1929.9	1925.9	1921.9	1911.9	1907.9	1915.9	1911.9	1885.9
32.5°	1873.9	1869.9	1873.9	1873.9	1869.9	1869.9	1853.9	1847.9	1849.9	1861.9	1837.9
35°	1811.9	1805.9	1811.9	1809.9	1811.9	1805.9	1795.9	1793.9	1785.9	1799.9	1781.9
37.5°	1739.9	1733.9	1739.9	1739.9	1739.9	1743.9	1735.9	1729.9	1717.9	1735.9	1721.9
40°	1665.9	1657.9	1665.9	1663.9	1665.9	1669.9	1665.9	1661.9	1649.9	1663.9	1651.9
42.5°	1581.9	1579.9	1581.9	1583.9	1583.9	1591.9	1597.9	1589.9	1585.9	1575.9	1583.9
45°	1491.9	1487.9	1491.9	1495.9	1497.9	1501.9	1519.9	1519.9	1513.9	1497.9	1509.9
47.5°	1395.9	1385.9	1395.9	1407.9	1407.9	1413.9	1431.9	1445.9	1435.9	1415.9	1421.9
50°	1293.9	1295.9	1293.9	1301.9	1301.9	1323.9	1337.9	1351.9	1361.9	1337.9	1309.9
52.5°	1193.9	1192.0	1193.9	1199.9	1207.9	1217.9	1241.9	1255.9	1271.9	1257.9	1213.9
55°	1094.0	1098.0	1094.0	1096.0	1100.0	1106.0	1142.0	1156.0	1186.0	1168.0	1122.0
57.5°	994.0	988.0	994.0	998.0	1000.0	1006.0	1036.0	1062.0	1080.0	1082.0	1026.0
60°	878.0	870.0	878.0	896.0	900.0	904.0	932.0	956.0	972.0	978.0	920.0
62.5°	776.0	762.0	776.0	788.0	796.0	806.0	826.0	862.0	876.0	878.0	796.0
65°	668.0	662.0	668.0	692.0	694.0	706.0	728.0	754.0	784.0	780.0	662.0
67.5°	570.0	570.0	570.0	586.0	598.0	604.0	632.0	644.0	682.0	686.0	552.0
70°	480.0	478.0	480.0	492.0	500.0	514.0	540.0	554.0	584.0	594.0	448.0
72.5°	394.0	392.0	394.0	404.0	412.0	424.0	446.0	462.0	488.0	500.0	348.0
75°	318.0	314.0	318.0	326.0	324.0	340.0	358.0	374.0	398.0	406.0	258.0
77.5°	244.0	244.0	244.0	252.0	252.0	268.0	276.0	296.0	310.0	322.0	190.0
80°	182.0	180.0	182.0	184.0	184.0	192.0	206.0	220.0	232.0	232.0	130.0
82.5°	128.0	124.0	128.0	128.0	128.0	132.0	140.0	144.0	152.0	158.0	82.0
85°	80.0	80.0	80.0	82.0	80.0	84.0	86.0	90.0	90.0	86.0	50.0
87.5°	52.0	50.0	52.0	50.0	50.0	48.0	48.0	48.0	46.0	44.0	28.0
90°	31.6	31.6	31.6	31.6	31.6	42.1	56.2	63.2	54.3	36.6	23.3
92.5°	126.7	101.5	126.7	151.8	158.1	224.1	312.0	356.0	312.6	225.7	160.6
95°	441.4	365.2	441.4	517.6	536.6	704.6	928.7	1040.7	878.9	555.4	312.8
97.5°	1057.5	912.6	1057.5	1202.5	1238.7	1344.9	1486.5	1557.3	1287.6	748.2	343.6
100°	1523.7	1351.0	1523.7	1696.3	1739.5	1731.7	1721.4	1716.2	1416.9	818.3	369.4
102.5°	1982.2	1834.3	1982.2	2130.1	2167.1	2031.8	1851.3	1761.1	1457.5	850.4	395.1
105°	2566.8	2487.3	2566.8	2646.3	2666.2	2362.8	1958.3	1756.1	1462.2	874.3	433.4
107.5°	2949.8	2969.0	2949.8	2930.5	2925.7	2502.6	1938.4	1656.3	1397.1	878.8	490.0
110°	3095.8	3178.6	3095.8	3013.0	2992.3	2519.2	1888.5	1573.1	1339.4	872.1	521.6



TEST NUMBER: P935116

CATALOG NUMBER: SQ4-FA-100U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3108.8	3236.0	3108.8	2981.7	2949.9	2465.7	1820.2	1497.4	1289.1	872.4	559.9
115°	3026.4	3202.8	3026.4	2850.1	2806.0	2339.6	1717.7	1406.7	1231.3	880.4	617.3
117.5°	2851.6	3047.2	2851.6	2656.0	2607.1	2186.2	1624.9	1344.3	1195.1	896.8	673.0
120°	2710.8	2900.8	2710.8	2520.7	2473.2	2088.6	1575.8	1319.4	1183.0	910.1	705.4
122.5°	2573.6	2761.0	2573.6	2386.2	2339.3	1992.9	1531.1	1300.2	1176.5	929.2	743.7
125°	2377.9	2550.6	2377.9	2205.3	2162.1	1867.9	1475.6	1279.4	1171.3	955.0	792.8
127.5°	2201.9	2347.6	2201.9	2056.2	2019.8	1767.2	1430.4	1262.0	1168.3	980.8	840.2
130°	2098.2	2232.8	2098.2	1963.6	1930.0	1705.1	1405.2	1255.3	1170.1	999.6	871.8
132.5°	2004.1	2124.6	2004.1	1883.5	1853.4	1652.1	1383.7	1249.5	1171.3	1014.9	897.6
135°	1875.2	1979.1	1875.2	1771.3	1745.3	1576.7	1351.9	1239.5	1170.2	1031.6	927.6
137.5°	1771.7	1856.8	1771.7	1686.7	1665.4	1522.9	1332.8	1237.8	1177.4	1056.5	965.8
140°	1700.7	1780.2	1700.7	1621.3	1601.4	1478.3	1314.1	1232.0	1178.6	1071.7	991.6
142.5°	1642.0	1710.4	1642.0	1573.6	1556.5	1448.3	1304.1	1232.0	1182.8	1084.5	1010.7
145°	1553.8	1605.5	1553.8	1502.0	1489.1	1400.6	1282.7	1223.7	1182.9	1101.2	1039.9
147.5°	1486.1	1529.0	1486.1	1443.2	1432.5	1362.9	1270.1	1223.7	1191.0	1125.6	1076.5
150°	1443.5	1478.3	1443.5	1408.8	1400.1	1341.3	1262.9	1223.7	1195.2	1138.3	1095.6
152.5°	1407.1	1433.3	1407.1	1380.9	1374.3	1324.1	1257.2	1223.7	1198.0	1146.6	1108.1
155°	1365.2	1382.6	1365.2	1347.8	1343.5	1303.6	1250.3	1223.7	1204.1	1164.9	1135.5
157.5°	1332.1	1344.3	1332.1	1319.9	1316.9	1285.8	1244.4	1223.7	1210.2	1183.2	1163.0
160°	1312.4	1319.4	1312.4	1305.4	1303.6	1277.0	1241.5	1223.7	1213.0	1191.6	1175.5
162.5°	1299.4	1306.1	1299.4	1292.8	1291.1	1268.6	1238.7	1223.7	1215.9	1200.4	1188.8
165°	1280.8	1287.8	1280.8	1273.8	1272.0	1255.9	1234.4	1223.7	1220.2	1213.2	1207.9
167.5°	1267.3	1270.3	1267.3	1264.3	1263.6	1253.1	1239.0	1232.0	1229.0	1223.1	1218.7
170°	1263.6	1263.6	1263.6	1263.6	1263.6	1253.1	1239.0	1232.0	1231.8	1231.5	1231.2
172.5°	1253.8	1251.2	1253.8	1256.4	1257.0	1248.7	1237.6	1232.0	1232.0	1232.0	1232.0
175°	1247.8	1247.8	1247.8	1247.8	1247.8	1242.5	1235.5	1232.0	1233.7	1237.0	1239.5
177.5°	1242.5	1239.5	1242.5	1245.5	1246.2	1242.0	1236.5	1233.7	1235.0	1237.6	1239.5
180°	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5



TEST NUMBER: P935116
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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9
2.5°	2143.9	2131.9	2131.9	2111.9	2103.9	2097.9	2087.9	2057.9	2049.9	2041.9	2053.9
5°	2161.9	2139.9	2123.9	2087.9	2057.9	2045.9	2007.9	1935.9	1887.9	1851.9	1831.9
7.5°	2165.9	2137.9	2107.9	2051.9	1979.9	1947.9	1831.9	1699.9	1663.9	1631.9	1611.9
10°	2161.9	2129.9	2087.9	2003.9	1833.9	1777.9	1661.9	1575.9	1553.9	1547.9	1553.9
12.5°	2147.9	2117.9	2059.9	1919.9	1681.9	1643.9	1575.9	1525.9	1521.9	1531.9	1585.9
15°	2123.9	2095.9	2027.9	1807.9	1597.9	1569.9	1521.9	1503.9	1525.9	1595.9	1757.9
17.5°	2099.9	2067.9	1983.9	1697.9	1533.9	1513.9	1479.9	1515.9	1639.9	1733.9	1787.9
20°	2067.9	2029.9	1933.9	1617.9	1487.9	1469.9	1453.9	1615.9	1709.9	1743.9	1773.9
22.5°	2029.9	1989.9	1865.9	1561.9	1439.9	1425.9	1435.9	1671.9	1709.9	1733.9	1759.9
25°	1979.9	1945.9	1785.9	1517.9	1401.9	1385.9	1423.9	1665.9	1687.9	1693.9	1745.9
27.5°	1933.9	1889.9	1701.9	1477.9	1355.9	1349.9	1433.9	1639.9	1655.9	1661.9	1717.9
30°	1877.9	1811.9	1607.9	1435.9	1307.9	1305.9	1435.9	1607.9	1603.9	1619.9	1675.9
32.5°	1819.9	1695.9	1501.9	1383.9	1261.9	1259.9	1421.9	1559.9	1555.9	1577.9	1619.9
35°	1765.9	1605.9	1357.9	1323.9	1203.9	1205.9	1387.9	1503.9	1505.9	1525.9	1551.9
37.5°	1709.9	1527.9	1199.9	1257.9	1148.0	1148.0	1341.9	1451.9	1447.9	1453.9	1489.9
40°	1643.9	1405.9	1060.0	1172.0	1096.0	1090.0	1285.9	1395.9	1381.9	1379.9	1429.9
42.5°	1573.9	1271.9	956.0	1058.0	1036.0	1028.0	1217.9	1327.9	1301.9	1307.9	1371.9
45°	1497.9	1235.9	876.0	894.0	974.0	968.0	1144.0	1249.9	1231.9	1247.9	1313.9
47.5°	1421.9	1164.0	850.0	742.0	908.0	906.0	1062.0	1174.0	1164.0	1180.0	1249.9
50°	1317.9	1084.0	848.0	636.0	834.0	842.0	964.0	1100.0	1100.0	1114.0	1188.0
52.5°	1184.0	986.0	770.0	576.0	748.0	772.0	878.0	1036.0	1040.0	1054.0	1120.0
55°	1062.0	884.0	714.0	530.0	646.0	698.0	794.0	970.0	978.0	992.0	1052.0
57.5°	950.0	736.0	702.0	476.0	552.0	602.0	720.0	906.0	910.0	922.0	980.0
60°	830.0	532.0	644.0	418.0	470.0	508.0	652.0	830.0	844.0	852.0	902.0
62.5°	694.0	386.0	584.0	378.0	430.0	438.0	596.0	758.0	776.0	782.0	812.0
65°	494.0	324.0	496.0	344.0	388.0	390.0	536.0	684.0	700.0	710.0	732.0
67.5°	334.0	264.0	378.0	312.0	356.0	358.0	478.0	598.0	620.0	628.0	642.0
70°	232.0	176.0	280.0	278.0	320.0	324.0	416.0	520.0	540.0	546.0	554.0
72.5°	170.0	142.0	232.0	250.0	282.0	286.0	352.0	432.0	452.0	458.0	462.0
75°	130.0	150.0	188.0	218.0	240.0	242.0	288.0	352.0	366.0	370.0	372.0
77.5°	104.0	140.0	138.0	176.0	196.0	192.0	226.0	272.0	284.0	284.0	284.0
80°	78.0	110.0	104.0	126.0	144.0	140.0	162.0	194.0	198.0	202.0	200.0
82.5°	58.0	70.0	70.0	80.0	96.0	92.0	108.0	126.0	126.0	126.0	130.0
85°	36.0	40.0	32.0	42.0	54.0	52.0	60.0	68.0	70.0	70.0	66.0
87.5°	22.0	18.0	10.0	16.0	24.0	24.0	28.0	30.0	28.0	28.0	28.0
90°	21.6	15.0	8.3	15.0	21.6	23.3	36.6	54.3	63.2	56.2	42.1
92.5°	146.5	89.9	33.3	89.9	146.5	160.6	225.7	312.6	356.0	312.0	224.1
95°	286.9	183.4	79.9	183.4	286.9	312.8	555.4	878.9	1040.7	928.7	704.6
97.5°	320.8	229.4	138.1	229.4	320.8	343.6	748.2	1287.6	1557.3	1486.5	1344.9
100°	348.7	265.8	183.0	265.8	348.7	369.4	818.3	1416.9	1716.2	1721.4	1731.7
102.5°	375.8	298.5	221.3	298.5	375.8	395.1	850.4	1457.5	1761.1	1851.3	2031.8
105°	417.0	351.6	286.2	351.6	417.0	433.4	874.3	1462.2	1756.1	1958.3	2362.8
107.5°	474.7	413.7	352.7	413.7	474.7	490.0	878.8	1397.1	1656.3	1938.4	2502.6
110°	507.8	452.7	397.6	452.7	507.8	521.6	872.1	1339.4	1573.1	1888.5	2519.2



TEST NUMBER: P935116

CATALOG NUMBER: SQ4-FA-100U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	546.8	494.2	441.7	494.2	546.8	559.9	872.4	1289.1	1497.4	1820.2	2465.7
115°	605.2	556.7	508.3	556.7	605.2	617.3	880.4	1231.3	1406.7	1717.7	2339.6
117.5°	662.0	618.0	574.0	618.0	662.0	673.0	896.8	1195.1	1344.3	1624.9	2186.2
120°	695.1	653.7	612.3	653.7	695.1	705.4	910.1	1183.0	1319.4	1575.8	2088.6
122.5°	733.3	691.5	649.7	691.5	733.3	743.7	929.2	1176.5	1300.2	1531.1	1992.9
125°	783.3	745.2	707.1	745.2	783.3	792.8	955.0	1171.3	1279.4	1475.6	1867.9
127.5°	830.6	792.1	753.7	792.1	830.6	840.2	980.8	1168.3	1262.0	1430.4	1767.2
130°	861.4	820.0	778.6	820.0	861.4	871.8	999.6	1170.1	1255.3	1405.2	1705.1
132.5°	887.2	845.8	804.4	845.8	887.2	897.6	1014.9	1171.3	1249.5	1383.7	1652.1
135°	918.2	880.4	842.7	880.4	918.2	927.6	1031.6	1170.2	1239.5	1351.9	1576.7
137.5°	956.5	919.1	881.8	919.1	956.5	965.8	1056.5	1177.4	1237.8	1332.8	1522.9
140°	983.0	948.6	914.2	948.6	983.0	991.6	1071.7	1178.6	1232.0	1314.1	1478.3
142.5°	1002.8	971.0	939.2	971.0	1002.8	1010.7	1084.5	1182.8	1232.0	1304.1	1448.3
145°	1033.0	1005.2	977.5	1005.2	1033.0	1039.9	1101.2	1182.9	1223.7	1282.7	1400.6
147.5°	1069.7	1042.7	1015.7	1042.7	1069.7	1076.5	1125.6	1191.0	1223.7	1270.1	1362.9
150°	1089.5	1065.1	1040.7	1065.1	1089.5	1095.6	1138.3	1195.2	1223.7	1262.9	1341.3
152.5°	1103.5	1085.0	1066.5	1085.0	1103.5	1108.1	1146.6	1198.0	1223.7	1257.2	1324.1
155°	1132.1	1118.4	1104.7	1118.4	1132.1	1135.5	1164.9	1204.1	1223.7	1250.3	1303.6
157.5°	1159.7	1146.3	1133.0	1146.3	1159.7	1163.0	1183.2	1210.2	1223.7	1244.4	1285.8
160°	1172.9	1162.6	1152.2	1162.6	1172.9	1175.5	1191.6	1213.0	1223.7	1241.5	1277.0
162.5°	1186.9	1179.1	1171.3	1179.1	1186.9	1188.8	1200.4	1215.9	1223.7	1238.7	1268.6
165°	1206.1	1199.1	1192.1	1199.1	1206.1	1207.9	1213.2	1220.2	1223.7	1234.4	1255.9
167.5°	1217.9	1214.5	1211.2	1214.5	1217.9	1218.7	1223.1	1229.0	1232.0	1239.0	1253.1
170°	1230.4	1227.0	1223.7	1227.0	1230.4	1231.2	1231.5	1231.8	1232.0	1239.0	1253.1
172.5°	1231.8	1231.1	1230.4	1231.1	1231.8	1232.0	1232.0	1232.0	1232.0	1237.6	1248.7
175°	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1237.0	1233.7	1232.0	1235.5	1242.5
177.5°	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1237.6	1235.0	1233.7	1236.5	1242.0
180°	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5



TEST NUMBER: P935116
 CATALOG NUMBER: SQ4-FA-100U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9
2.5°	2039.9	2033.9	2041.9	2019.9	2041.9	2033.9	2039.9	2053.9	2041.9	2049.9	2057.9
5°	1789.9	1779.9	1747.9	1721.9	1747.9	1779.9	1789.9	1831.9	1851.9	1887.9	1935.9
7.5°	1599.9	1591.9	1583.9	1567.9	1583.9	1591.9	1599.9	1611.9	1631.9	1663.9	1699.9
10°	1557.9	1559.9	1571.9	1569.9	1571.9	1559.9	1557.9	1553.9	1547.9	1553.9	1575.9
12.5°	1665.9	1683.9	1749.9	1745.9	1749.9	1683.9	1665.9	1585.9	1531.9	1521.9	1525.9
15°	1789.9	1795.9	1809.9	1811.9	1809.9	1795.9	1789.9	1757.9	1595.9	1525.9	1503.9
17.5°	1801.9	1803.9	1813.9	1813.9	1813.9	1803.9	1801.9	1787.9	1733.9	1639.9	1515.9
20°	1791.9	1795.9	1815.9	1819.9	1815.9	1795.9	1791.9	1773.9	1743.9	1709.9	1615.9
22.5°	1787.9	1795.9	1811.9	1809.9	1811.9	1795.9	1787.9	1759.9	1733.9	1709.9	1671.9
25°	1767.9	1767.9	1769.9	1771.9	1769.9	1767.9	1767.9	1745.9	1693.9	1687.9	1665.9
27.5°	1725.9	1729.9	1741.9	1739.9	1741.9	1729.9	1725.9	1717.9	1661.9	1655.9	1639.9
30°	1687.9	1683.9	1673.9	1665.9	1673.9	1683.9	1687.9	1675.9	1619.9	1603.9	1607.9
32.5°	1623.9	1613.9	1603.9	1597.9	1603.9	1613.9	1623.9	1619.9	1577.9	1555.9	1559.9
35°	1547.9	1549.9	1547.9	1541.9	1547.9	1549.9	1547.9	1551.9	1525.9	1505.9	1503.9
37.5°	1493.9	1497.9	1495.9	1487.9	1495.9	1497.9	1493.9	1489.9	1453.9	1447.9	1451.9
40°	1437.9	1439.9	1437.9	1431.9	1437.9	1439.9	1437.9	1429.9	1379.9	1381.9	1395.9
42.5°	1383.9	1381.9	1375.9	1371.9	1375.9	1381.9	1383.9	1371.9	1307.9	1301.9	1327.9
45°	1321.9	1323.9	1311.9	1305.9	1311.9	1323.9	1321.9	1313.9	1247.9	1231.9	1249.9
47.5°	1259.9	1259.9	1249.9	1243.9	1249.9	1259.9	1259.9	1249.9	1180.0	1164.0	1174.0
50°	1193.9	1192.0	1178.0	1176.0	1178.0	1192.0	1193.9	1188.0	1114.0	1100.0	1100.0
52.5°	1118.0	1118.0	1120.0	1124.0	1120.0	1118.0	1118.0	1120.0	1054.0	1040.0	1036.0
55°	1052.0	1054.0	1068.0	1072.0	1068.0	1054.0	1052.0	1052.0	992.0	978.0	970.0
57.5°	984.0	984.0	994.0	994.0	994.0	984.0	984.0	980.0	922.0	910.0	906.0
60°	906.0	910.0	918.0	916.0	918.0	910.0	906.0	902.0	852.0	844.0	830.0
62.5°	824.0	828.0	830.0	826.0	830.0	828.0	824.0	812.0	782.0	776.0	758.0
65°	738.0	742.0	744.0	740.0	744.0	742.0	738.0	732.0	710.0	700.0	684.0
67.5°	650.0	648.0	646.0	654.0	646.0	648.0	650.0	642.0	628.0	620.0	598.0
70°	560.0	560.0	558.0	562.0	558.0	560.0	560.0	554.0	546.0	540.0	520.0
72.5°	464.0	462.0	470.0	464.0	470.0	462.0	464.0	462.0	458.0	452.0	432.0
75°	370.0	374.0	370.0	376.0	370.0	374.0	370.0	372.0	370.0	366.0	352.0
77.5°	282.0	286.0	282.0	282.0	282.0	286.0	282.0	284.0	284.0	284.0	272.0
80°	200.0	198.0	198.0	196.0	198.0	198.0	200.0	200.0	202.0	198.0	194.0
82.5°	128.0	126.0	126.0	130.0	126.0	126.0	128.0	130.0	126.0	126.0	126.0
85°	70.0	72.0	68.0	68.0	68.0	72.0	70.0	66.0	70.0	70.0	68.0
87.5°	26.0	24.0	24.0	24.0	24.0	24.0	26.0	28.0	28.0	28.0	30.0
90°	31.6	31.6	31.6	31.6	31.6	31.6	31.6	42.1	56.2	63.2	54.3
92.5°	158.1	151.8	126.7	101.5	126.7	151.8	158.1	224.1	312.0	356.0	312.6
95°	536.6	517.6	441.4	365.2	441.4	517.6	536.6	704.6	928.7	1040.7	878.9
97.5°	1238.7	1202.5	1057.5	912.6	1057.5	1202.5	1238.7	1344.9	1486.5	1557.3	1287.6
100°	1739.5	1696.3	1523.7	1351.0	1523.7	1696.3	1739.5	1731.7	1721.4	1716.2	1416.9
102.5°	2167.1	2130.1	1982.2	1834.3	1982.2	2130.1	2167.1	2031.8	1851.3	1761.1	1457.5
105°	2666.2	2646.3	2566.8	2487.3	2566.8	2646.3	2666.2	2362.8	1958.3	1756.1	1462.2
107.5°	2925.7	2930.5	2949.8	2969.0	2949.8	2930.5	2925.7	2502.6	1938.4	1656.3	1397.1
110°	2992.3	3013.0	3095.8	3178.6	3095.8	3013.0	2992.3	2519.2	1888.5	1573.1	1339.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2949.9	2981.7	3108.8	3236.0	3108.8	2981.7	2949.9	2465.7	1820.2	1497.4	1289.1
115°	2806.0	2850.1	3026.4	3202.8	3026.4	2850.1	2806.0	2339.6	1717.7	1406.7	1231.3
117.5°	2607.1	2656.0	2851.6	3047.2	2851.6	2656.0	2607.1	2186.2	1624.9	1344.3	1195.1
120°	2473.2	2520.7	2710.8	2900.8	2710.8	2520.7	2473.2	2088.6	1575.8	1319.4	1183.0
122.5°	2339.3	2386.2	2573.6	2761.0	2573.6	2386.2	2339.3	1992.9	1531.1	1300.2	1176.5
125°	2162.1	2205.3	2377.9	2550.6	2377.9	2205.3	2162.1	1867.9	1475.6	1279.4	1171.3
127.5°	2019.8	2056.2	2201.9	2347.6	2201.9	2056.2	2019.8	1767.2	1430.4	1262.0	1168.3
130°	1930.0	1963.6	2098.2	2232.8	2098.2	1963.6	1930.0	1705.1	1405.2	1255.3	1170.1
132.5°	1853.4	1883.5	2004.1	2124.6	2004.1	1883.5	1853.4	1652.1	1383.7	1249.5	1171.3
135°	1745.3	1771.3	1875.2	1979.1	1875.2	1771.3	1745.3	1576.7	1351.9	1239.5	1170.2
137.5°	1665.4	1686.7	1771.7	1856.8	1771.7	1686.7	1665.4	1522.9	1332.8	1237.8	1177.4
140°	1601.4	1621.3	1700.7	1780.2	1700.7	1621.3	1601.4	1478.3	1314.1	1232.0	1178.6
142.5°	1556.5	1573.6	1642.0	1710.4	1642.0	1573.6	1556.5	1448.3	1304.1	1232.0	1182.8
145°	1489.1	1502.0	1553.8	1605.5	1553.8	1502.0	1489.1	1400.6	1282.7	1223.7	1182.9
147.5°	1432.5	1443.2	1486.1	1529.0	1486.1	1443.2	1432.5	1362.9	1270.1	1223.7	1191.0
150°	1400.1	1408.8	1443.5	1478.3	1443.5	1408.8	1400.1	1341.3	1262.9	1223.7	1195.2
152.5°	1374.3	1380.9	1407.1	1433.3	1407.1	1380.9	1374.3	1324.1	1257.2	1223.7	1198.0
155°	1343.5	1347.8	1365.2	1382.6	1365.2	1347.8	1343.5	1303.6	1250.3	1223.7	1204.1
157.5°	1316.9	1319.9	1332.1	1344.3	1332.1	1319.9	1316.9	1285.8	1244.4	1223.7	1210.2
160°	1303.6	1305.4	1312.4	1319.4	1312.4	1305.4	1303.6	1277.0	1241.5	1223.7	1213.0
162.5°	1291.1	1292.8	1299.4	1306.1	1299.4	1292.8	1291.1	1268.6	1238.7	1223.7	1215.9
165°	1272.0	1273.8	1280.8	1287.8	1280.8	1273.8	1272.0	1255.9	1234.4	1223.7	1220.2
167.5°	1263.6	1264.3	1267.3	1270.3	1267.3	1264.3	1263.6	1253.1	1239.0	1232.0	1229.0
170°	1263.6	1263.6	1263.6	1263.6	1263.6	1263.6	1263.6	1253.1	1239.0	1232.0	1231.8
172.5°	1257.0	1256.4	1253.8	1251.2	1253.8	1256.4	1257.0	1248.7	1237.6	1232.0	1232.0
175°	1247.8	1247.8	1247.8	1247.8	1247.8	1247.8	1247.8	1242.5	1235.5	1232.0	1233.7
177.5°	1246.2	1245.5	1242.5	1239.5	1242.5	1245.5	1246.2	1242.0	1236.5	1233.7	1235.0
180°	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5	1239.5



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2113.9	2113.9	2113.9	2113.9	2113.9
2.5°	2087.9	2097.9	2103.9	2111.9	2131.9
5°	2007.9	2045.9	2057.9	2087.9	2123.9
7.5°	1831.9	1947.9	1979.9	2051.9	2107.9
10°	1661.9	1777.9	1833.9	2003.9	2087.9
12.5°	1575.9	1643.9	1681.9	1919.9	2059.9
15°	1521.9	1569.9	1597.9	1807.9	2027.9
17.5°	1479.9	1513.9	1533.9	1697.9	1983.9
20°	1453.9	1469.9	1487.9	1617.9	1933.9
22.5°	1435.9	1425.9	1439.9	1561.9	1865.9
25°	1423.9	1385.9	1401.9	1517.9	1785.9
27.5°	1433.9	1349.9	1355.9	1477.9	1701.9
30°	1435.9	1305.9	1307.9	1435.9	1607.9
32.5°	1421.9	1259.9	1261.9	1383.9	1501.9
35°	1387.9	1205.9	1203.9	1323.9	1357.9
37.5°	1341.9	1148.0	1148.0	1257.9	1199.9
40°	1285.9	1090.0	1096.0	1172.0	1060.0
42.5°	1217.9	1028.0	1036.0	1058.0	956.0
45°	1144.0	968.0	974.0	894.0	876.0
47.5°	1062.0	906.0	908.0	742.0	850.0
50°	964.0	842.0	834.0	636.0	848.0
52.5°	878.0	772.0	748.0	576.0	770.0
55°	794.0	698.0	646.0	530.0	714.0
57.5°	720.0	602.0	552.0	476.0	702.0
60°	652.0	508.0	470.0	418.0	644.0
62.5°	596.0	438.0	430.0	378.0	584.0
65°	536.0	390.0	388.0	344.0	496.0
67.5°	478.0	358.0	356.0	312.0	378.0
70°	416.0	324.0	320.0	278.0	280.0
72.5°	352.0	286.0	282.0	250.0	232.0
75°	288.0	242.0	240.0	218.0	188.0
77.5°	226.0	192.0	196.0	176.0	138.0
80°	162.0	140.0	144.0	126.0	104.0
82.5°	108.0	92.0	96.0	80.0	70.0
85°	60.0	52.0	54.0	42.0	32.0
87.5°	28.0	24.0	24.0	16.0	10.0
90°	36.6	23.3	21.6	15.0	8.3
92.5°	225.7	160.6	146.5	89.9	33.3
95°	555.4	312.8	286.9	183.4	79.9
97.5°	748.2	343.6	320.8	229.4	138.1
100°	818.3	369.4	348.7	265.8	183.0
102.5°	850.4	395.1	375.8	298.5	221.3
105°	874.3	433.4	417.0	351.6	286.2
107.5°	878.8	490.0	474.7	413.7	352.7
110°	872.1	521.6	507.8	452.7	397.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	872.4	559.9	546.8	494.2	441.7
115°	880.4	617.3	605.2	556.7	508.3
117.5°	896.8	673.0	662.0	618.0	574.0
120°	910.1	705.4	695.1	653.7	612.3
122.5°	929.2	743.7	733.3	691.5	649.7
125°	955.0	792.8	783.3	745.2	707.1
127.5°	980.8	840.2	830.6	792.1	753.7
130°	999.6	871.8	861.4	820.0	778.6
132.5°	1014.9	897.6	887.2	845.8	804.4
135°	1031.6	927.6	918.2	880.4	842.7
137.5°	1056.5	965.8	956.5	919.1	881.8
140°	1071.7	991.6	983.0	948.6	914.2
142.5°	1084.5	1010.7	1002.8	971.0	939.2
145°	1101.2	1039.9	1033.0	1005.2	977.5
147.5°	1125.6	1076.5	1069.7	1042.7	1015.7
150°	1138.3	1095.6	1089.5	1065.1	1040.7
152.5°	1146.6	1108.1	1103.5	1085.0	1066.5
155°	1164.9	1135.5	1132.1	1118.4	1104.7
157.5°	1183.2	1163.0	1159.7	1146.3	1133.0
160°	1191.6	1175.5	1172.9	1162.6	1152.2
162.5°	1200.4	1188.8	1186.9	1179.1	1171.3
165°	1213.2	1207.9	1206.1	1199.1	1192.1
167.5°	1223.1	1218.7	1217.9	1214.5	1211.2
170°	1231.5	1231.2	1230.4	1227.0	1223.7
172.5°	1232.0	1232.0	1231.8	1231.1	1230.4
175°	1237.0	1239.5	1239.5	1239.5	1239.5
177.5°	1237.6	1239.5	1239.5	1239.5	1239.5
180°	1239.5	1239.5	1239.5	1239.5	1239.5



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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	11.80	12.58	12.84	13.62	15.02	14.64	15.42	15.67	16.46	17.86
	3H	12.27	12.97	13.32	14.02	15.44	15.98	16.68	17.02	17.73	19.15
	4H	12.46	13.12	13.52	14.18	15.60	16.42	17.09	17.48	18.14	19.56
	6H	12.57	13.19	13.64	14.24	15.68	16.71	17.32	17.77	18.37	19.81
	8H	12.57	13.15	13.64	14.23	15.66	16.78	17.36	17.85	18.43	19.87
	12H	12.54	13.09	13.62	14.16	15.62	16.82	17.37	17.89	18.43	19.89
4H	2H	12.83	13.49	13.89	14.54	15.97	15.04	15.70	16.10	16.75	18.18
	3H	13.85	14.40	14.92	15.48	16.92	16.54	17.09	17.61	18.17	19.61
	4H	14.12	14.63	15.19	15.70	17.16	17.06	17.57	18.14	18.64	20.10
	6H	14.24	14.67	15.32	15.77	17.22	17.43	17.86	18.51	18.96	20.41
	8H	14.24	14.65	15.33	15.73	17.21	17.53	17.94	18.62	19.03	20.50
	12H	14.21	14.57	15.31	15.67	17.15	17.59	17.96	18.69	19.05	20.53
8H	4H	14.57	14.97	15.65	16.06	17.53	17.18	17.59	18.27	18.68	20.15
	6H	14.82	15.16	15.93	16.29	17.76	17.62	17.95	18.73	19.08	20.55
	8H	14.87	15.16	15.98	16.27	17.76	17.77	18.06	18.89	19.17	20.66
	12H	14.85	15.11	15.97	16.21	17.74	17.87	18.13	18.98	19.23	20.76
12H	4H	14.57	14.94	15.67	16.04	17.51	17.14	17.51	18.25	18.61	20.09
	6H	14.89	15.18	16.00	16.29	17.78	17.61	17.91	18.73	19.02	20.51
	8H	14.95	15.21	16.07	16.31	17.84	17.77	18.03	18.89	19.14	20.66