

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: P935611

Luminaire Tested: SQ4-FA-125U-100D-830-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935611
REPORT IS A COMBINATION OF REPORTS P933763 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-830-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

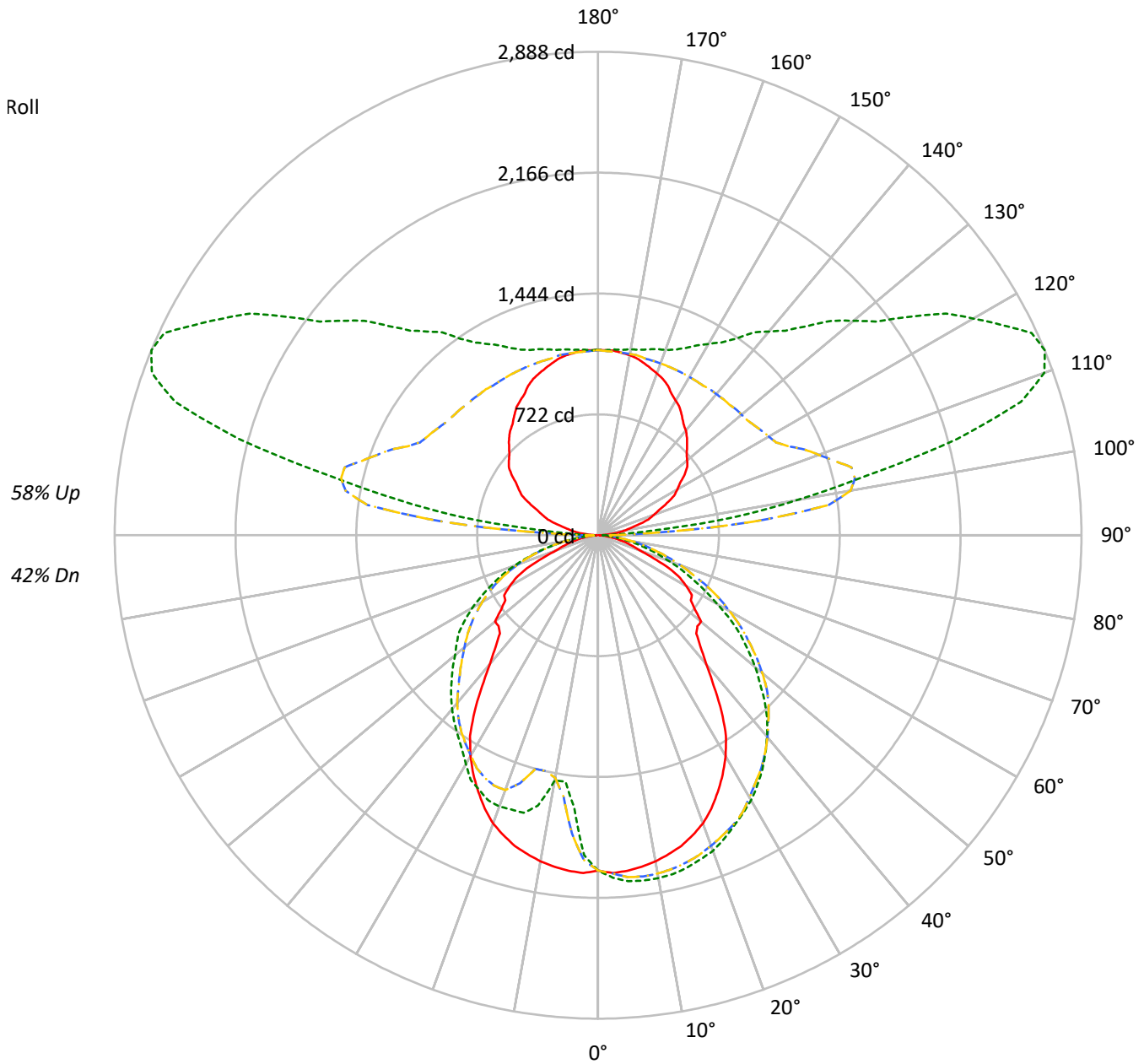
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12367.7 lumens
Efficiency: N/A
Efficacy: 128.0 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 96.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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CATALOG NUMBER: SQ4-FA-125U-100D-830-1D-UNV-STD-W-6

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	79	79	79	63	63	63	49	49	49	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	41	41	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	35	35	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	30	30	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	25	25	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	22	22	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	19	19	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	15	15	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	14	14	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	13	13	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12387	12387	12387	12387
5°	12475	12504	12475	9832
10°	12388	12318	12388	8807
15°	12248	12051	12248	10063
20°	11988	11735	11988	10084
25°	11458	11274	11458	9870
30°	10777	10891	10777	9401
35°	9603	10406	9603	8886
40°	7997	9836	7997	8496
45°	7141	9169	7141	8048
50°	7579	8373	7579	7598
55°	7126	7516	7126	7338
60°	7335	6383	7335	6721
65°	6641	5276	6641	5898
70°	4587	4206	4587	4944
75°	4008	3108	4008	3723
80°	3206	2056	3206	2238
85°	1806	1089	1806	925

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10951 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.8	1.5
10°-20°	513.2	4.1
20°-30°	793.3	6.4
30°-40°	947.1	7.7
40°-50°	952.6	7.7
50°-60°	828.9	6.7
60°-70°	587.7	4.8
70°-80°	310.9	2.5
80°-90°	81.7	0.7
90°-100°	539.3	4.4
100°-110°	1417.7	11.5
110°-120°	1470.0	11.9
120°-130°	1179.1	9.5
130°-140°	925.2	7.5
140°-150°	710.1	5.7
150°-160°	511.4	4.1
160°-170°	312.9	2.5
170°-180°	105.7	0.9
0°-30°	1487.3	12.0
0°-40°	2434.4	19.7
0°-60°	4216.0	34.1
0°-90°	5196.3	42.0
90°-120°	3427.0	27.7
90°-150°	6241.4	50.5
90°-180°	7171.0	58.0
0°-180°	12367.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2002	2002	2002	2002	2002	
5°	2012	2074	2012	1631	2012	191
15°	1921	2056	1921	1716	1921	541
25°	1692	1917	1692	1678	1692	777
35°	1286	1711	1286	1461	1286	796
45°	830	1410	830	1237	830	665
55°	676	1040	676	1016	676	621
65°	470	627	470	701	470	449
75°	178	297	178	356	178	187
85°	30	76	30	64	30	41
90°	8	28	8	28	8	7
95°	71	326	71	326	71	79
105°	255	2220	255	2220	255	271
115°	454	2858	454	2858	454	448
125°	631	2276	631	2276	631	560
135°	752	1766	752	1766	752	582
145°	872	1433	872	1433	872	547
155°	986	1234	986	1234	986	453
165°	1064	1149	1064	1149	1064	300
175°	1106	1114	1106	1114	1106	105
180°	1106	1106	1106	1106	1106	



TEST NUMBER: P935611
 CATALOG NUMBER: SQ4-FA-125U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4
2.5°	2019.6	2019.6	2030.9	2034.7	2034.7	2029.0	2023.3	2029.0	2046.0	2051.8	2049.9
5°	2011.9	2027.1	2047.9	2051.8	2055.5	2053.6	2049.9	2053.6	2072.5	2076.3	2078.2
7.5°	1996.8	2025.2	2051.8	2057.4	2063.0	2057.4	2055.5	2059.3	2078.2	2082.1	2082.1
10°	1977.9	2017.6	2047.9	2051.8	2057.4	2051.8	2051.8	2059.3	2078.2	2082.1	2083.9
12.5°	1951.3	2006.3	2034.7	2038.5	2046.0	2044.1	2042.2	2049.9	2068.8	2072.5	2072.5
15°	1921.0	1985.4	2011.9	2015.7	2029.0	2025.2	2025.2	2032.7	2053.6	2059.3	2057.4
17.5°	1879.3	1958.8	1989.2	1994.9	2004.3	2002.4	2004.3	2011.9	2030.9	2034.7	2036.6
20°	1832.0	1922.9	1958.8	1964.6	1974.0	1974.0	1974.0	1983.5	2002.4	2010.1	2010.1
22.5°	1767.5	1885.0	1922.9	1926.7	1938.1	1938.1	1941.8	1955.1	1972.1	1974.0	1974.0
25°	1691.7	1843.4	1875.6	1886.9	1898.2	1904.0	1909.6	1917.3	1922.9	1921.0	1922.9
27.5°	1612.2	1790.3	1832.0	1839.5	1854.7	1860.4	1867.9	1869.8	1871.8	1877.4	1873.7
30°	1523.2	1716.4	1778.9	1786.5	1811.1	1814.9	1807.3	1811.1	1820.6	1824.4	1828.2
32.5°	1422.7	1606.6	1724.0	1741.1	1763.7	1752.3	1750.5	1756.2	1771.4	1771.4	1775.1
35°	1286.4	1521.3	1672.8	1688.0	1705.0	1691.7	1699.4	1701.2	1710.7	1716.4	1714.5
37.5°	1136.7	1447.4	1619.8	1631.1	1644.4	1627.4	1638.7	1644.4	1652.0	1648.2	1648.2
40°	1004.1	1331.8	1557.2	1564.9	1576.3	1563.0	1574.3	1578.1	1581.9	1578.1	1576.3
42.5°	905.5	1204.8	1491.0	1500.4	1492.9	1502.4	1506.1	1513.7	1508.0	1500.4	1500.4
45°	829.8	1170.8	1419.0	1430.4	1419.0	1434.1	1439.8	1439.8	1422.7	1419.0	1417.1
47.5°	805.1	1102.6	1347.0	1347.0	1341.3	1360.2	1369.7	1356.5	1339.4	1333.7	1333.7
50°	803.2	1026.8	1248.4	1240.9	1267.4	1290.1	1280.7	1267.4	1254.2	1233.3	1233.3
52.5°	729.3	934.0	1121.5	1150.0	1191.7	1204.8	1189.7	1176.5	1153.7	1144.2	1136.7
55°	676.4	837.4	1006.0	1062.8	1106.4	1123.4	1095.0	1081.7	1047.7	1041.9	1038.2
57.5°	665.0	697.2	899.9	971.9	1024.9	1023.0	1006.0	981.3	952.9	947.2	945.4
60°	610.0	503.9	786.2	871.5	926.4	920.7	905.5	882.9	856.3	852.6	848.7
62.5°	553.1	365.7	657.3	754.0	831.7	829.8	816.5	782.4	763.5	754.0	746.4
65°	469.9	306.9	468.0	627.0	738.9	742.6	714.2	689.6	668.7	657.3	655.5
67.5°	358.0	250.1	316.3	522.8	649.8	646.1	610.0	598.6	572.2	566.4	555.1
70°	265.2	166.7	219.8	424.4	562.7	553.1	524.7	511.6	486.9	473.6	466.0
72.5°	219.8	134.5	161.0	329.6	473.6	462.2	437.7	422.5	401.6	390.2	382.7
75°	178.1	142.1	123.1	244.4	384.6	377.0	354.3	339.1	322.1	306.9	308.8
77.5°	130.7	132.6	98.5	180.0	305.0	293.7	280.4	261.5	253.8	238.7	238.7
80°	98.5	104.2	73.9	123.1	219.8	219.8	208.4	195.1	181.8	174.3	174.3
82.5°	66.3	66.3	55.0	77.6	149.7	144.0	136.4	132.6	125.0	121.2	121.2
85°	30.3	37.9	34.1	47.3	81.5	85.3	85.3	81.5	79.5	75.8	77.6
87.5°	9.5	17.0	20.8	26.5	41.7	43.6	45.5	45.5	45.5	47.3	47.3
90°	7.5	13.4	19.3	20.7	32.6	48.5	56.4	50.1	37.6	28.2	28.2
92.5°	29.7	80.2	130.7	143.3	201.4	279.0	317.8	278.5	200.0	141.1	135.5
95°	71.3	163.7	256.0	279.2	495.7	784.5	928.8	828.9	628.9	478.9	461.8
97.5°	123.2	204.7	286.2	306.6	667.7	1149.2	1389.9	1326.7	1200.4	1105.5	1073.2
100°	163.4	237.3	311.2	329.6	730.3	1264.6	1531.7	1536.3	1545.6	1552.4	1513.9
102.5°	197.5	266.4	335.5	352.7	759.1	1300.8	1571.8	1652.3	1813.3	1934.1	1901.1
105°	255.4	313.9	372.2	386.8	780.3	1305.0	1567.4	1747.9	2108.8	2379.6	2361.8
107.5°	314.8	369.2	423.7	437.3	784.3	1246.9	1478.3	1730.1	2233.6	2611.2	2615.5
110°	354.9	404.0	453.1	465.5	778.3	1195.4	1404.0	1685.4	2248.4	2670.7	2689.1



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CATALOG NUMBER: SQ4-FA-125U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	394.3	441.1	487.9	499.7	778.6	1150.5	1336.4	1624.4	2200.6	2632.7	2661.1
115°	453.6	496.8	540.1	550.9	785.8	1098.9	1255.5	1533.0	2088.1	2504.3	2543.7
117.5°	512.3	551.6	590.8	600.7	800.4	1066.6	1199.8	1450.3	1951.2	2326.9	2370.5
120°	546.4	583.4	620.3	629.6	812.2	1055.7	1177.5	1406.4	1864.0	2207.3	2249.8
122.5°	579.9	617.2	654.5	663.8	829.3	1050.1	1160.5	1366.6	1778.7	2087.8	2129.6
125°	631.1	665.1	699.0	707.5	852.4	1045.4	1141.9	1317.0	1667.1	1929.7	1968.2
127.5°	672.6	707.0	741.3	749.9	875.4	1042.7	1126.4	1276.6	1577.3	1802.7	1835.2
130°	694.9	731.9	768.8	778.1	892.1	1044.2	1120.3	1254.2	1521.8	1722.5	1752.5
132.5°	718.0	755.0	791.9	801.1	905.8	1045.4	1115.2	1235.0	1474.5	1654.2	1681.0
135°	752.1	785.7	819.4	827.8	920.6	1044.4	1106.3	1206.6	1407.2	1557.7	1580.8
137.5°	787.0	820.3	853.7	862.0	942.9	1050.8	1104.8	1189.6	1359.1	1486.4	1505.3
140°	815.9	846.6	877.3	885.0	956.5	1051.9	1099.6	1172.8	1319.4	1429.2	1447.0
142.5°	838.2	866.6	895.0	902.1	968.0	1055.7	1099.6	1163.9	1292.6	1389.2	1404.5
145°	872.4	897.1	921.9	928.1	982.8	1055.7	1092.1	1144.8	1250.1	1329.0	1340.6
147.5°	906.6	930.7	954.8	960.8	1004.6	1063.0	1092.1	1133.5	1216.4	1278.6	1288.1
150°	928.8	950.6	972.3	977.8	1015.9	1066.7	1092.1	1127.1	1197.1	1249.6	1257.3
152.5°	951.8	968.3	984.9	989.0	1023.4	1069.2	1092.1	1122.0	1181.7	1226.5	1232.4
155°	986.0	998.3	1010.4	1013.5	1039.6	1074.6	1092.1	1115.9	1163.5	1199.1	1203.0
157.5°	1011.3	1023.1	1035.0	1037.9	1056.0	1080.1	1092.1	1110.6	1147.6	1175.3	1178.0
160°	1028.3	1037.5	1046.8	1049.1	1063.5	1082.6	1092.1	1108.0	1139.6	1163.5	1165.0
162.5°	1045.4	1052.3	1059.2	1061.0	1071.4	1085.3	1092.1	1105.5	1132.2	1152.3	1153.8
165°	1063.9	1070.2	1076.6	1078.1	1082.8	1089.0	1092.1	1101.7	1120.9	1135.2	1136.8
167.5°	1081.0	1084.0	1087.0	1087.7	1091.7	1096.9	1099.6	1105.9	1118.4	1127.8	1128.5
170°	1092.1	1095.1	1098.1	1098.8	1099.1	1099.4	1099.6	1105.9	1118.4	1127.8	1127.8
172.5°	1098.1	1098.7	1099.4	1099.6	1099.6	1099.6	1099.6	1104.6	1114.4	1121.9	1121.3
175°	1106.3	1106.3	1106.3	1106.3	1104.1	1101.1	1099.6	1102.7	1109.1	1113.7	1113.7
177.5°	1106.3	1106.3	1106.3	1106.3	1104.6	1102.2	1101.0	1103.5	1108.5	1112.2	1111.5
180°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3



TEST NUMBER: P935611

CATALOG NUMBER: SQ4-FA-125U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4
2.5°	2053.6	2047.9	2053.6	2049.9	2051.8	2046.0	2029.0	2023.3	2029.0	2034.7	2034.7
5°	2078.2	2074.4	2078.2	2078.2	2076.3	2072.5	2053.6	2049.9	2053.6	2055.5	2051.8
7.5°	2085.8	2080.2	2085.8	2082.1	2082.1	2078.2	2059.3	2055.5	2057.4	2063.0	2057.4
10°	2085.8	2080.2	2085.8	2083.9	2082.1	2078.2	2059.3	2051.8	2051.8	2057.4	2051.8
12.5°	2076.3	2072.5	2076.3	2072.5	2072.5	2068.8	2049.9	2042.2	2044.1	2046.0	2038.5
15°	2061.2	2055.5	2061.2	2057.4	2059.3	2053.6	2032.7	2025.2	2025.2	2029.0	2015.7
17.5°	2038.5	2030.9	2038.5	2036.6	2034.7	2030.9	2011.9	2004.3	2002.4	2004.3	1994.9
20°	2011.9	2006.3	2011.9	2010.1	2010.1	2002.4	1983.5	1974.0	1974.0	1974.0	1964.6
22.5°	1970.2	1964.6	1970.2	1974.0	1974.0	1972.1	1955.1	1941.8	1938.1	1938.1	1926.7
25°	1922.9	1917.3	1922.9	1922.9	1921.0	1922.9	1917.3	1909.6	1904.0	1898.2	1886.9
27.5°	1877.4	1873.7	1877.4	1873.7	1877.4	1871.8	1869.8	1867.9	1860.4	1854.7	1839.5
30°	1832.0	1828.2	1832.0	1828.2	1824.4	1820.6	1811.1	1807.3	1814.9	1811.1	1786.5
32.5°	1775.1	1771.4	1775.1	1775.1	1771.4	1771.4	1756.2	1750.5	1752.3	1763.7	1741.1
35°	1716.4	1710.7	1716.4	1714.5	1716.4	1710.7	1701.2	1699.4	1691.7	1705.0	1688.0
37.5°	1648.2	1642.5	1648.2	1648.2	1648.2	1652.0	1644.4	1638.7	1627.4	1644.4	1631.1
40°	1578.1	1570.5	1578.1	1576.3	1578.1	1581.9	1578.1	1574.3	1563.0	1576.3	1564.9
42.5°	1498.5	1496.6	1498.5	1500.4	1500.4	1508.0	1513.7	1506.1	1502.4	1492.9	1500.4
45°	1413.3	1409.5	1413.3	1417.1	1419.0	1422.7	1439.8	1439.8	1434.1	1419.0	1430.4
47.5°	1322.3	1312.9	1322.3	1333.7	1333.7	1339.4	1356.5	1369.7	1360.2	1341.3	1347.0
50°	1225.7	1227.6	1225.7	1233.3	1233.3	1254.2	1267.4	1280.7	1290.1	1267.4	1240.9
52.5°	1131.0	1129.1	1131.0	1136.7	1144.2	1153.7	1176.5	1189.7	1204.8	1191.7	1150.0
55°	1036.3	1040.0	1036.3	1038.2	1041.9	1047.7	1081.7	1095.0	1123.4	1106.4	1062.8
57.5°	941.6	935.8	941.6	945.4	947.2	952.9	981.3	1006.0	1023.0	1024.9	971.9
60°	831.7	824.1	831.7	848.7	852.6	856.3	882.9	905.5	920.7	926.4	871.5
62.5°	735.1	721.8	735.1	746.4	754.0	763.5	782.4	816.5	829.8	831.7	754.0
65°	632.8	627.0	632.8	655.5	657.3	668.7	689.6	714.2	742.6	738.9	627.0
67.5°	539.9	539.9	539.9	555.1	566.4	572.2	598.6	610.0	646.1	649.8	522.8
70°	454.7	452.8	454.7	466.0	473.6	486.9	511.6	524.7	553.1	562.7	424.4
72.5°	373.2	371.3	373.2	382.7	390.2	401.6	422.5	437.7	462.2	473.6	329.6
75°	301.2	297.4	301.2	308.8	306.9	322.1	339.1	354.3	377.0	384.6	244.4
77.5°	231.2	231.2	231.2	238.7	238.7	253.8	261.5	280.4	293.7	305.0	180.0
80°	172.4	170.6	172.4	174.3	174.3	181.8	195.1	208.4	219.8	219.8	123.1
82.5°	121.2	117.5	121.2	121.2	121.2	125.0	132.6	136.4	144.0	149.7	77.6
85°	75.8	75.8	75.8	77.6	75.8	79.5	81.5	85.3	85.3	81.5	47.3
87.5°	49.2	47.3	49.2	47.3	47.3	45.5	45.5	45.5	43.6	41.7	26.5
90°	28.2	28.2	28.2	28.2	28.2	37.6	50.1	56.4	48.5	32.6	20.7
92.5°	113.0	90.5	113.0	135.5	141.1	200.0	278.5	317.8	279.0	201.4	143.3
95°	393.9	325.9	393.9	461.8	478.9	628.9	828.9	928.8	784.5	495.7	279.2
97.5°	943.9	814.5	943.9	1073.2	1105.5	1200.4	1326.7	1389.9	1149.2	667.7	306.6
100°	1359.9	1205.8	1359.9	1513.9	1552.4	1545.6	1536.3	1531.7	1264.6	730.3	329.6
102.5°	1769.1	1637.1	1769.1	1901.1	1934.1	1813.3	1652.3	1571.8	1300.8	759.1	352.7
105°	2290.9	2219.9	2290.9	2361.8	2379.6	2108.8	1747.9	1567.4	1305.0	780.3	386.8
107.5°	2632.6	2649.8	2632.6	2615.5	2611.2	2233.6	1730.1	1478.3	1246.9	784.3	437.3
110°	2763.0	2836.9	2763.0	2689.1	2670.7	2248.4	1685.4	1404.0	1195.4	778.3	465.5



TEST NUMBER: P935611

CATALOG NUMBER: SQ4-FA-125U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2774.6	2888.2	2774.6	2661.1	2632.7	2200.6	1624.4	1336.4	1150.5	778.6	499.7
115°	2701.1	2858.4	2701.1	2543.7	2504.3	2088.1	1533.0	1255.5	1098.9	785.8	550.9
117.5°	2545.1	2719.6	2545.1	2370.5	2326.9	1951.2	1450.3	1199.8	1066.6	800.4	600.7
120°	2419.3	2588.9	2419.3	2249.8	2207.3	1864.0	1406.4	1177.5	1055.7	812.2	629.6
122.5°	2296.9	2464.2	2296.9	2129.6	2087.8	1778.7	1366.6	1160.5	1050.1	829.3	663.8
125°	2122.3	2276.4	2122.3	1968.2	1929.7	1667.1	1317.0	1141.9	1045.4	852.4	707.5
127.5°	1965.2	2095.3	1965.2	1835.2	1802.7	1577.3	1276.6	1126.4	1042.7	875.4	749.9
130°	1872.7	1992.8	1872.7	1752.5	1722.5	1521.8	1254.2	1120.3	1044.2	892.1	778.1
132.5°	1788.7	1896.2	1788.7	1681.0	1654.2	1474.5	1235.0	1115.2	1045.4	905.8	801.1
135°	1673.6	1766.3	1673.6	1580.8	1557.7	1407.2	1206.6	1106.3	1044.4	920.6	827.8
137.5°	1581.2	1657.1	1581.2	1505.3	1486.4	1359.1	1189.6	1104.8	1050.8	942.9	862.0
140°	1517.9	1588.9	1517.9	1447.0	1429.2	1319.4	1172.8	1099.6	1051.9	956.5	885.0
142.5°	1465.5	1526.5	1465.5	1404.5	1389.2	1292.6	1163.9	1099.6	1055.7	968.0	902.1
145°	1386.8	1432.9	1386.8	1340.6	1329.0	1250.1	1144.8	1092.1	1055.7	982.8	928.1
147.5°	1326.4	1364.7	1326.4	1288.1	1278.6	1216.4	1133.5	1092.1	1063.0	1004.6	960.8
150°	1288.4	1319.4	1288.4	1257.3	1249.6	1197.1	1127.1	1092.1	1066.7	1015.9	977.8
152.5°	1255.8	1279.2	1255.8	1232.4	1226.5	1181.7	1122.0	1092.1	1069.2	1023.4	989.0
155°	1218.5	1234.0	1218.5	1203.0	1199.1	1163.5	1115.9	1092.1	1074.6	1039.6	1013.5
157.5°	1188.9	1199.8	1188.9	1178.0	1175.3	1147.6	1110.6	1092.1	1080.1	1056.0	1037.9
160°	1171.3	1177.5	1171.3	1165.0	1163.5	1139.6	1108.0	1092.1	1082.6	1063.5	1049.1
162.5°	1159.7	1165.7	1159.7	1153.8	1152.3	1132.2	1105.5	1092.1	1085.3	1071.4	1061.0
165°	1143.1	1149.3	1143.1	1136.8	1135.2	1120.9	1101.7	1092.1	1089.0	1082.8	1078.1
167.5°	1131.0	1133.7	1131.0	1128.5	1127.8	1118.4	1105.9	1099.6	1096.9	1091.7	1087.7
170°	1127.8	1127.8	1127.8	1127.8	1127.8	1118.4	1105.9	1099.6	1099.4	1099.1	1098.8
172.5°	1119.0	1116.7	1119.0	1121.3	1121.9	1114.4	1104.6	1099.6	1099.6	1099.6	1099.6
175°	1113.7	1113.7	1113.7	1113.7	1113.7	1109.1	1102.7	1099.6	1101.1	1104.1	1106.3
177.5°	1109.0	1106.3	1109.0	1111.5	1112.2	1108.5	1103.5	1101.0	1102.2	1104.6	1106.3
180°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3



TEST NUMBER: P935611
 CATALOG NUMBER: SQ4-FA-125U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4
2.5°	2030.9	2019.6	2019.6	2000.5	1993.0	1987.3	1977.9	1949.4	1941.8	1934.3	1945.7
5°	2047.9	2027.1	2011.9	1977.9	1949.4	1938.1	1902.1	1833.9	1788.4	1754.3	1735.3
7.5°	2051.8	2025.2	1996.8	1943.7	1875.6	1845.2	1735.3	1610.3	1576.3	1545.9	1526.9
10°	2047.9	2017.6	1977.9	1898.2	1737.2	1684.2	1574.3	1492.9	1472.0	1466.3	1472.0
12.5°	2034.7	2006.3	1951.3	1818.7	1593.3	1557.2	1492.9	1445.5	1441.7	1451.2	1502.4
15°	2011.9	1985.4	1921.0	1712.6	1513.7	1487.2	1441.7	1424.6	1445.5	1511.8	1665.3
17.5°	1989.2	1958.8	1879.3	1608.4	1453.0	1434.1	1401.9	1436.0	1553.5	1642.5	1693.6
20°	1958.8	1922.9	1832.0	1532.7	1409.5	1392.4	1377.3	1530.7	1619.8	1652.0	1680.4
22.5°	1922.9	1885.0	1767.5	1479.6	1364.0	1350.7	1360.2	1583.8	1619.8	1642.5	1667.2
25°	1875.6	1843.4	1691.7	1437.9	1328.1	1312.9	1348.9	1578.1	1598.9	1604.6	1653.9
27.5°	1832.0	1790.3	1612.2	1400.1	1284.5	1278.7	1358.4	1553.5	1568.6	1574.3	1627.4
30°	1778.9	1716.4	1523.2	1360.2	1239.0	1237.1	1360.2	1523.2	1519.4	1534.6	1587.5
32.5°	1724.0	1606.6	1422.7	1311.0	1195.4	1193.6	1347.0	1477.7	1473.9	1494.7	1534.6
35°	1672.8	1521.3	1286.4	1254.2	1140.5	1142.3	1314.8	1424.6	1426.5	1445.5	1470.1
37.5°	1619.8	1447.4	1136.7	1191.7	1087.4	1087.4	1271.2	1375.4	1371.6	1377.3	1411.3
40°	1557.2	1331.8	1004.1	1110.2	1038.2	1032.5	1218.1	1322.3	1309.1	1307.2	1354.6
42.5°	1491.0	1204.8	905.5	1002.2	981.3	973.8	1153.7	1257.9	1233.3	1239.0	1299.6
45°	1419.0	1170.8	829.8	846.8	922.6	916.9	1083.6	1184.0	1167.0	1182.2	1244.7
47.5°	1347.0	1102.6	805.1	702.9	860.1	858.2	1006.0	1112.0	1102.6	1117.8	1184.0
50°	1248.4	1026.8	803.2	602.5	790.0	797.6	913.2	1041.9	1041.9	1055.2	1125.3
52.5°	1121.5	934.0	729.3	545.6	708.5	731.2	831.7	981.3	985.2	998.4	1060.9
55°	1006.0	837.4	676.4	502.0	611.9	661.2	752.1	918.8	926.4	939.7	996.5
57.5°	899.9	697.2	665.0	450.8	522.8	570.3	682.0	858.2	862.0	873.4	928.3
60°	786.2	503.9	610.0	396.0	445.2	481.2	617.6	786.2	799.5	807.1	854.4
62.5°	657.3	365.7	553.1	358.0	407.4	414.9	564.5	718.1	735.1	740.7	769.2
65°	468.0	306.9	469.9	325.8	367.5	369.4	507.7	647.9	663.1	672.5	693.4
67.5°	316.3	250.1	358.0	295.5	337.2	339.1	452.8	566.4	587.3	594.8	608.1
70°	219.8	166.7	265.2	263.4	303.1	306.9	394.1	492.5	511.6	517.2	524.7
72.5°	161.0	134.5	219.8	236.8	267.1	270.9	333.5	409.2	428.2	433.8	437.7
75°	123.1	142.1	178.1	206.5	227.3	229.2	272.8	333.5	346.6	350.5	352.4
77.5°	98.5	132.6	130.7	166.7	185.7	181.8	214.0	257.6	269.0	269.0	269.0
80°	73.9	104.2	98.5	119.3	136.4	132.6	153.4	183.7	187.6	191.3	189.5
82.5°	55.0	66.3	66.3	75.8	90.9	87.2	102.3	119.3	119.3	119.3	123.1
85°	34.1	37.9	30.3	39.8	51.1	49.2	56.9	64.4	66.3	66.3	62.5
87.5°	20.8	17.0	9.5	15.2	22.8	22.8	26.5	28.4	26.5	26.5	26.5
90°	19.3	13.4	7.5	13.4	19.3	20.7	32.6	48.5	56.4	50.1	37.6
92.5°	130.7	80.2	29.7	80.2	130.7	143.3	201.4	279.0	317.8	278.5	200.0
95°	256.0	163.7	71.3	163.7	256.0	279.2	495.7	784.5	928.8	828.9	628.9
97.5°	286.2	204.7	123.2	204.7	286.2	306.6	667.7	1149.2	1389.9	1326.7	1200.4
100°	311.2	237.3	163.4	237.3	311.2	329.6	730.3	1264.6	1531.7	1536.3	1545.6
102.5°	335.5	266.4	197.5	266.4	335.5	352.7	759.1	1300.8	1571.8	1652.3	1813.3
105°	372.2	313.9	255.4	313.9	372.2	386.8	780.3	1305.0	1567.4	1747.9	2108.8
107.5°	423.7	369.2	314.8	369.2	423.7	437.3	784.3	1246.9	1478.3	1730.1	2233.6
110°	453.1	404.0	354.9	404.0	453.1	465.5	778.3	1195.4	1404.0	1685.4	2248.4



TEST NUMBER: P935611

CATALOG NUMBER: SQ4-FA-125U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	487.9	441.1	394.3	441.1	487.9	499.7	778.6	1150.5	1336.4	1624.4	2200.6
115°	540.1	496.8	453.6	496.8	540.1	550.9	785.8	1098.9	1255.5	1533.0	2088.1
117.5°	590.8	551.6	512.3	551.6	590.8	600.7	800.4	1066.6	1199.8	1450.3	1951.2
120°	620.3	583.4	546.4	583.4	620.3	629.6	812.2	1055.7	1177.5	1406.4	1864.0
122.5°	654.5	617.2	579.9	617.2	654.5	663.8	829.3	1050.1	1160.5	1366.6	1778.7
125°	699.0	665.1	631.1	665.1	699.0	707.5	852.4	1045.4	1141.9	1317.0	1667.1
127.5°	741.3	707.0	672.6	707.0	741.3	749.9	875.4	1042.7	1126.4	1276.6	1577.3
130°	768.8	731.9	694.9	731.9	768.8	778.1	892.1	1044.2	1120.3	1254.2	1521.8
132.5°	791.9	755.0	718.0	755.0	791.9	801.1	905.8	1045.4	1115.2	1235.0	1474.5
135°	819.4	785.7	752.1	785.7	819.4	827.8	920.6	1044.4	1106.3	1206.6	1407.2
137.5°	853.7	820.3	787.0	820.3	853.7	862.0	942.9	1050.8	1104.8	1189.6	1359.1
140°	877.3	846.6	815.9	846.6	877.3	885.0	956.5	1051.9	1099.6	1172.8	1319.4
142.5°	895.0	866.6	838.2	866.6	895.0	902.1	968.0	1055.7	1099.6	1163.9	1292.6
145°	921.9	897.1	872.4	897.1	921.9	928.1	982.8	1055.7	1092.1	1144.8	1250.1
147.5°	954.8	930.7	906.6	930.7	954.8	960.8	1004.6	1063.0	1092.1	1133.5	1216.4
150°	972.3	950.6	928.8	950.6	972.3	977.8	1015.9	1066.7	1092.1	1127.1	1197.1
152.5°	984.9	968.3	951.8	968.3	984.9	989.0	1023.4	1069.2	1092.1	1122.0	1181.7
155°	1010.4	998.3	986.0	998.3	1010.4	1013.5	1039.6	1074.6	1092.1	1115.9	1163.5
157.5°	1035.0	1023.1	1011.3	1023.1	1035.0	1037.9	1056.0	1080.1	1092.1	1110.6	1147.6
160°	1046.8	1037.5	1028.3	1037.5	1046.8	1049.1	1063.5	1082.6	1092.1	1108.0	1139.6
162.5°	1059.2	1052.3	1045.4	1052.3	1059.2	1061.0	1071.4	1085.3	1092.1	1105.5	1132.2
165°	1076.6	1070.2	1063.9	1070.2	1076.6	1078.1	1082.8	1089.0	1092.1	1101.7	1120.9
167.5°	1087.0	1084.0	1081.0	1084.0	1087.0	1087.7	1091.7	1096.9	1099.6	1105.9	1118.4
170°	1098.1	1095.1	1092.1	1095.1	1098.1	1098.8	1099.1	1099.4	1099.6	1105.9	1118.4
172.5°	1099.4	1098.7	1098.1	1098.7	1099.4	1099.6	1099.6	1099.6	1099.6	1104.6	1114.4
175°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1104.1	1101.1	1099.6	1102.7	1109.1
177.5°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1104.6	1102.2	1101.0	1103.5	1108.5
180°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3



TEST NUMBER: P935611
 CATALOG NUMBER: SQ4-FA-125U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4
2.5°	1932.4	1926.7	1934.3	1913.4	1934.3	1926.7	1932.4	1945.7	1934.3	1941.8	1949.4
5°	1695.6	1686.1	1655.8	1631.1	1655.8	1686.1	1695.6	1735.3	1754.3	1788.4	1833.9
7.5°	1515.5	1508.0	1500.4	1485.2	1500.4	1508.0	1515.5	1526.9	1545.9	1576.3	1610.3
10°	1475.8	1477.7	1489.1	1487.2	1489.1	1477.7	1475.8	1472.0	1466.3	1472.0	1492.9
12.5°	1578.1	1595.2	1657.7	1653.9	1657.7	1595.2	1578.1	1502.4	1451.2	1441.7	1445.5
15°	1695.6	1701.2	1714.5	1716.4	1714.5	1701.2	1695.6	1665.3	1511.8	1445.5	1424.6
17.5°	1706.9	1708.8	1718.3	1718.3	1718.3	1708.8	1706.9	1693.6	1642.5	1553.5	1436.0
20°	1697.5	1701.2	1720.2	1724.0	1720.2	1701.2	1697.5	1680.4	1652.0	1619.8	1530.7
22.5°	1693.6	1701.2	1716.4	1714.5	1716.4	1701.2	1693.6	1667.2	1642.5	1619.8	1583.8
25°	1674.7	1674.7	1676.6	1678.5	1676.6	1674.7	1674.7	1653.9	1604.6	1598.9	1578.1
27.5°	1635.0	1638.7	1650.1	1648.2	1650.1	1638.7	1635.0	1627.4	1574.3	1568.6	1553.5
30°	1598.9	1595.2	1585.7	1578.1	1585.7	1595.2	1598.9	1587.5	1534.6	1519.4	1523.2
32.5°	1538.3	1528.8	1519.4	1513.7	1519.4	1528.8	1538.3	1534.6	1494.7	1473.9	1477.7
35°	1466.3	1468.2	1466.3	1460.7	1466.3	1468.2	1466.3	1470.1	1445.5	1426.5	1424.6
37.5°	1415.2	1419.0	1417.1	1409.5	1417.1	1419.0	1415.2	1411.3	1377.3	1371.6	1375.4
40°	1362.1	1364.0	1362.1	1356.5	1362.1	1364.0	1362.1	1354.6	1307.2	1309.1	1322.3
42.5°	1311.0	1309.1	1303.4	1299.6	1303.4	1309.1	1311.0	1299.6	1239.0	1233.3	1257.9
45°	1252.3	1254.2	1242.8	1237.1	1242.8	1254.2	1252.3	1244.7	1182.2	1167.0	1184.0
47.5°	1193.6	1193.6	1184.0	1178.4	1184.0	1193.6	1193.6	1184.0	1117.8	1102.6	1112.0
50°	1131.0	1129.1	1115.8	1113.9	1115.8	1129.1	1131.0	1125.3	1055.2	1041.9	1041.9
52.5°	1059.1	1059.1	1060.9	1064.7	1060.9	1059.1	1059.1	1060.9	998.4	985.2	981.3
55°	996.5	998.4	1011.6	1015.5	1011.6	998.4	996.5	996.5	939.7	926.4	918.8
57.5°	932.1	932.1	941.6	941.6	941.6	932.1	932.1	928.3	873.4	862.0	858.2
60°	858.2	862.0	869.6	867.7	869.6	862.0	858.2	854.4	807.1	799.5	786.2
62.5°	780.5	784.3	786.2	782.4	786.2	784.3	780.5	769.2	740.7	735.1	718.1
65°	699.0	702.9	704.8	700.9	704.8	702.9	699.0	693.4	672.5	663.1	647.9
67.5°	615.7	613.8	611.9	619.5	611.9	613.8	615.7	608.1	594.8	587.3	566.4
70°	530.5	530.5	528.6	532.3	528.6	530.5	530.5	524.7	517.2	511.6	492.5
72.5°	439.5	437.7	445.2	439.5	445.2	437.7	439.5	437.7	433.8	428.2	409.2
75°	350.5	354.3	350.5	356.2	350.5	354.3	350.5	352.4	350.5	346.6	333.5
77.5°	267.1	270.9	267.1	267.1	267.1	270.9	267.1	269.0	269.0	269.0	257.6
80°	189.5	187.6	187.6	185.7	187.6	187.6	189.5	189.5	191.3	187.6	183.7
82.5°	121.2	119.3	119.3	123.1	119.3	119.3	121.2	123.1	119.3	119.3	119.3
85°	66.3	68.2	64.4	64.4	64.4	68.2	66.3	62.5	66.3	66.3	64.4
87.5°	24.7	22.8	22.8	22.8	22.8	22.8	24.7	26.5	26.5	26.5	28.4
90°	28.2	28.2	28.2	28.2	28.2	28.2	28.2	37.6	50.1	56.4	48.5
92.5°	141.1	135.5	113.0	90.5	113.0	135.5	141.1	200.0	278.5	317.8	279.0
95°	478.9	461.8	393.9	325.9	393.9	461.8	478.9	628.9	828.9	928.8	784.5
97.5°	1105.5	1073.2	943.9	814.5	943.9	1073.2	1105.5	1200.4	1326.7	1389.9	1149.2
100°	1552.4	1513.9	1359.9	1205.8	1359.9	1513.9	1552.4	1545.6	1536.3	1531.7	1264.6
102.5°	1934.1	1901.1	1769.1	1637.1	1769.1	1901.1	1934.1	1813.3	1652.3	1571.8	1300.8
105°	2379.6	2361.8	2290.9	2219.9	2290.9	2361.8	2379.6	2108.8	1747.9	1567.4	1305.0
107.5°	2611.2	2615.5	2632.6	2649.8	2632.6	2615.5	2611.2	2233.6	1730.1	1478.3	1246.9
110°	2670.7	2689.1	2763.0	2836.9	2763.0	2689.1	2670.7	2248.4	1685.4	1404.0	1195.4



TEST NUMBER: P935611

CATALOG NUMBER: SQ4-FA-125U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2632.7	2661.1	2774.6	2888.2	2774.6	2661.1	2632.7	2200.6	1624.4	1336.4	1150.5
115°	2504.3	2543.7	2701.1	2858.4	2701.1	2543.7	2504.3	2088.1	1533.0	1255.5	1098.9
117.5°	2326.9	2370.5	2545.1	2719.6	2545.1	2370.5	2326.9	1951.2	1450.3	1199.8	1066.6
120°	2207.3	2249.8	2419.3	2588.9	2419.3	2249.8	2207.3	1864.0	1406.4	1177.5	1055.7
122.5°	2087.8	2129.6	2296.9	2464.2	2296.9	2129.6	2087.8	1778.7	1366.6	1160.5	1050.1
125°	1929.7	1968.2	2122.3	2276.4	2122.3	1968.2	1929.7	1667.1	1317.0	1141.9	1045.4
127.5°	1802.7	1835.2	1965.2	2095.3	1965.2	1835.2	1802.7	1577.3	1276.6	1126.4	1042.7
130°	1722.5	1752.5	1872.7	1992.8	1872.7	1752.5	1722.5	1521.8	1254.2	1120.3	1044.2
132.5°	1654.2	1681.0	1788.7	1896.2	1788.7	1681.0	1654.2	1474.5	1235.0	1115.2	1045.4
135°	1557.7	1580.8	1673.6	1766.3	1673.6	1580.8	1557.7	1407.2	1206.6	1106.3	1044.4
137.5°	1486.4	1505.3	1581.2	1657.1	1581.2	1505.3	1486.4	1359.1	1189.6	1104.8	1050.8
140°	1429.2	1447.0	1517.9	1588.9	1517.9	1447.0	1429.2	1319.4	1172.8	1099.6	1051.9
142.5°	1389.2	1404.5	1465.5	1526.5	1465.5	1404.5	1389.2	1292.6	1163.9	1099.6	1055.7
145°	1329.0	1340.6	1386.8	1432.9	1386.8	1340.6	1329.0	1250.1	1144.8	1092.1	1055.7
147.5°	1278.6	1288.1	1326.4	1364.7	1326.4	1288.1	1278.6	1216.4	1133.5	1092.1	1063.0
150°	1249.6	1257.3	1288.4	1319.4	1288.4	1257.3	1249.6	1197.1	1127.1	1092.1	1066.7
152.5°	1226.5	1232.4	1255.8	1279.2	1255.8	1232.4	1226.5	1181.7	1122.0	1092.1	1069.2
155°	1199.1	1203.0	1218.5	1234.0	1218.5	1203.0	1199.1	1163.5	1115.9	1092.1	1074.6
157.5°	1175.3	1178.0	1188.9	1199.8	1188.9	1178.0	1175.3	1147.6	1110.6	1092.1	1080.1
160°	1163.5	1165.0	1171.3	1177.5	1171.3	1165.0	1163.5	1139.6	1108.0	1092.1	1082.6
162.5°	1152.3	1153.8	1159.7	1165.7	1159.7	1153.8	1152.3	1132.2	1105.5	1092.1	1085.3
165°	1135.2	1136.8	1143.1	1149.3	1143.1	1136.8	1135.2	1120.9	1101.7	1092.1	1089.0
167.5°	1127.8	1128.5	1131.0	1133.7	1131.0	1128.5	1127.8	1118.4	1105.9	1099.6	1096.9
170°	1127.8	1127.8	1127.8	1127.8	1127.8	1127.8	1127.8	1118.4	1105.9	1099.6	1099.4
172.5°	1121.9	1121.3	1119.0	1116.7	1119.0	1121.3	1121.9	1114.4	1104.6	1099.6	1099.6
175°	1113.7	1113.7	1113.7	1113.7	1113.7	1113.7	1113.7	1109.1	1102.7	1099.6	1101.1
177.5°	1112.2	1111.5	1109.0	1106.3	1109.0	1111.5	1112.2	1108.5	1103.5	1101.0	1102.2
180°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3



TEST NUMBER: P935611

CATALOG NUMBER: SQ4-FA-125U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2002.4	2002.4	2002.4	2002.4	2002.4
2.5°	1977.9	1987.3	1993.0	2000.5	2019.6
5°	1902.1	1938.1	1949.4	1977.9	2011.9
7.5°	1735.3	1845.2	1875.6	1943.7	1996.8
10°	1574.3	1684.2	1737.2	1898.2	1977.9
12.5°	1492.9	1557.2	1593.3	1818.7	1951.3
15°	1441.7	1487.2	1513.7	1712.6	1921.0
17.5°	1401.9	1434.1	1453.0	1608.4	1879.3
20°	1377.3	1392.4	1409.5	1532.7	1832.0
22.5°	1360.2	1350.7	1364.0	1479.6	1767.5
25°	1348.9	1312.9	1328.1	1437.9	1691.7
27.5°	1358.4	1278.7	1284.5	1400.1	1612.2
30°	1360.2	1237.1	1239.0	1360.2	1523.2
32.5°	1347.0	1193.6	1195.4	1311.0	1422.7
35°	1314.8	1142.3	1140.5	1254.2	1286.4
37.5°	1271.2	1087.4	1087.4	1191.7	1136.7
40°	1218.1	1032.5	1038.2	1110.2	1004.1
42.5°	1153.7	973.8	981.3	1002.2	905.5
45°	1083.6	916.9	922.6	846.8	829.8
47.5°	1006.0	858.2	860.1	702.9	805.1
50°	913.2	797.6	790.0	602.5	803.2
52.5°	831.7	731.2	708.5	545.6	729.3
55°	752.1	661.2	611.9	502.0	676.4
57.5°	682.0	570.3	522.8	450.8	665.0
60°	617.6	481.2	445.2	396.0	610.0
62.5°	564.5	414.9	407.4	358.0	553.1
65°	507.7	369.4	367.5	325.8	469.9
67.5°	452.8	339.1	337.2	295.5	358.0
70°	394.1	306.9	303.1	263.4	265.2
72.5°	333.5	270.9	267.1	236.8	219.8
75°	272.8	229.2	227.3	206.5	178.1
77.5°	214.0	181.8	185.7	166.7	130.7
80°	153.4	132.6	136.4	119.3	98.5
82.5°	102.3	87.2	90.9	75.8	66.3
85°	56.9	49.2	51.1	39.8	30.3
87.5°	26.5	22.8	22.8	15.2	9.5
90°	32.6	20.7	19.3	13.4	7.5
92.5°	201.4	143.3	130.7	80.2	29.7
95°	495.7	279.2	256.0	163.7	71.3
97.5°	667.7	306.6	286.2	204.7	123.2
100°	730.3	329.6	311.2	237.3	163.4
102.5°	759.1	352.7	335.5	266.4	197.5
105°	780.3	386.8	372.2	313.9	255.4
107.5°	784.3	437.3	423.7	369.2	314.8
110°	778.3	465.5	453.1	404.0	354.9



TEST NUMBER: P935611

CATALOG NUMBER: SQ4-FA-125U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	778.6	499.7	487.9	441.1	394.3
115°	785.8	550.9	540.1	496.8	453.6
117.5°	800.4	600.7	590.8	551.6	512.3
120°	812.2	629.6	620.3	583.4	546.4
122.5°	829.3	663.8	654.5	617.2	579.9
125°	852.4	707.5	699.0	665.1	631.1
127.5°	875.4	749.9	741.3	707.0	672.6
130°	892.1	778.1	768.8	731.9	694.9
132.5°	905.8	801.1	791.9	755.0	718.0
135°	920.6	827.8	819.4	785.7	752.1
137.5°	942.9	862.0	853.7	820.3	787.0
140°	956.5	885.0	877.3	846.6	815.9
142.5°	968.0	902.1	895.0	866.6	838.2
145°	982.8	928.1	921.9	897.1	872.4
147.5°	1004.6	960.8	954.8	930.7	906.6
150°	1015.9	977.8	972.3	950.6	928.8
152.5°	1023.4	989.0	984.9	968.3	951.8
155°	1039.6	1013.5	1010.4	998.3	986.0
157.5°	1056.0	1037.9	1035.0	1023.1	1011.3
160°	1063.5	1049.1	1046.8	1037.5	1028.3
162.5°	1071.4	1061.0	1059.2	1052.3	1045.4
165°	1082.8	1078.1	1076.6	1070.2	1063.9
167.5°	1091.7	1087.7	1087.0	1084.0	1081.0
170°	1099.1	1098.8	1098.1	1095.1	1092.1
172.5°	1099.6	1099.6	1099.4	1098.7	1098.1
175°	1104.1	1106.3	1106.3	1106.3	1106.3
177.5°	1104.6	1106.3	1106.3	1106.3	1106.3
180°	1106.3	1106.3	1106.3	1106.3	1106.3



TEST NUMBER: P935611
 CATALOG NUMBER: SQ4-FA-125U-100D-830-1D-UNV-STD-W-6

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	12.76	13.55	13.78	14.59	15.97	15.58	16.38	16.61	17.41	18.79
	3H	13.23	13.94	14.27	14.98	16.38	16.92	17.63	17.96	18.67	20.08
	4H	13.42	14.09	14.47	15.14	16.54	17.36	18.04	18.41	19.08	20.49
	6H	13.54	14.16	14.59	15.20	16.62	17.64	18.26	18.70	19.31	20.73
	8H	13.54	14.13	14.60	15.19	16.60	17.72	18.31	18.78	19.37	20.78
	12H	13.50	14.06	14.57	15.12	16.56	17.75	18.31	18.82	19.37	20.81
4H	2H	13.78	14.46	14.84	15.50	16.91	15.99	16.66	17.04	17.70	19.11
	3H	14.80	15.37	15.86	16.44	17.86	17.48	18.05	18.54	19.12	20.54
	4H	15.08	15.59	16.14	16.65	18.10	18.01	18.52	19.07	19.58	21.03
	6H	15.20	15.64	16.27	16.73	18.16	18.37	18.81	19.44	19.89	21.33
	8H	15.20	15.62	16.28	16.69	18.15	18.47	18.88	19.55	19.96	21.41
	12H	15.17	15.54	16.26	16.63	18.09	18.52	18.90	19.62	19.99	21.45
8H	4H	15.52	15.94	16.60	17.01	18.47	18.13	18.54	19.20	19.62	21.07
	6H	15.78	16.12	16.88	17.24	18.69	18.56	18.90	19.66	20.02	21.47
	8H	15.83	16.12	16.93	17.23	18.70	18.71	19.01	19.82	20.11	21.58
	12H	15.81	16.07	16.92	17.17	18.68	18.80	19.07	19.91	20.16	21.67
12H	4H	15.53	15.90	16.62	16.99	18.45	18.09	18.46	19.18	19.55	21.01
	6H	15.84	16.14	16.95	17.24	18.71	18.56	18.86	19.66	19.96	21.43
	8H	15.91	16.17	17.02	17.27	18.78	18.71	18.98	19.82	20.07	21.58