

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: P935615

Luminaire Tested: SQ4-FA-125U-100D-835-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935615
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-835-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

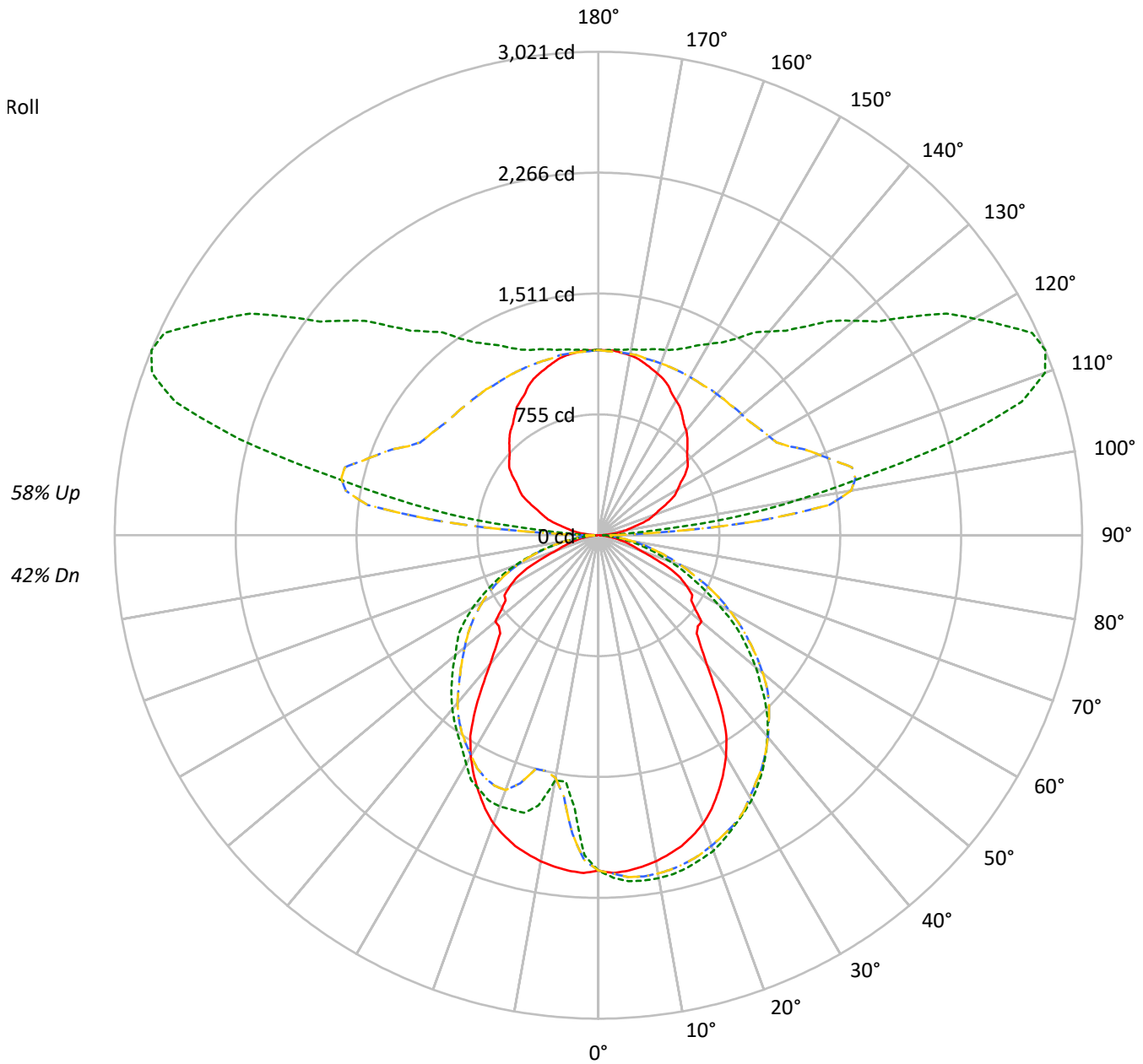
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12937.0 lumens
Efficiency: N/A
Efficacy: 133.9 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

TEST NUMBER: P935615
CATALOG NUMBER: SQ4-FA-125U-100D-835-1D-UNV-STD-W-6

Luminous Intensity Polar Plot



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



TEST NUMBER: P935615

CATALOG NUMBER: SQ4-FA-125U-100D-835-1D-UNV-STD-W-6

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°	12958	12958	12958	12958
5°	13049	13080	13049	10285
10°	12958	12885	12958	9212
15°	12812	12605	12812	10526
20°	12539	12275	12539	10548
25°	11986	11793	11986	10324
30°	11273	11392	11273	9833
35°	10045	10885	10045	9294
40°	8365	10289	8365	8887
45°	7469	9591	7469	8418
50°	7929	8759	7929	7948
55°	7453	7862	7453	7676
60°	7673	6677	7673	7030
65°	6946	5519	6946	6170
70°	4798	4399	4798	5171
75°	4192	3251	4192	3894
80°	3352	2150	3352	2341
85°	1890	1139	1890	968

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11455 cd/sqm



TEST NUMBER: P935615

CATALOG NUMBER: SQ4-FA-125U-100D-835-1D-UNV-STD-W-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.1	1.5
10°-20°	536.8	4.1
20°-30°	829.9	6.4
30°-40°	990.7	7.7
40°-50°	996.5	7.7
50°-60°	867.1	6.7
60°-70°	614.8	4.8
70°-80°	325.2	2.5
80°-90°	85.4	0.7
90°-100°	564.1	4.4
100°-110°	1483.0	11.5
110°-120°	1537.7	11.9
120°-130°	1233.4	9.5
130°-140°	967.8	7.5
140°-150°	742.8	5.7
150°-160°	534.9	4.1
160°-170°	327.3	2.5
170°-180°	110.6	0.9
0°-30°	1555.8	12.0
0°-40°	2546.5	19.7
0°-60°	4410.0	34.1
0°-90°	5435.4	42.0
90°-120°	3584.7	27.7
90°-150°	6528.7	50.5
90°-180°	7502.0	58.0
0°-180°	12937.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2095	2095	2095	2095	2095	
5°	2104	2170	2104	1706	2104	200
15°	2009	2150	2009	1795	2009	565
25°	1770	2006	1770	1756	1770	813
35°	1346	1789	1346	1528	1346	832
45°	868	1474	868	1294	868	695
55°	708	1088	708	1062	708	650
65°	492	656	492	733	492	470
75°	186	311	186	373	186	196
85°	32	79	32	67	32	43
90°	8	30	8	30	8	8
95°	75	341	75	341	75	83
105°	267	2322	267	2322	267	283
115°	474	2990	474	2990	474	469
125°	660	2381	660	2381	660	586
135°	787	1848	787	1848	787	609
145°	912	1499	912	1499	912	572
155°	1031	1291	1031	1291	1031	474
165°	1113	1202	1113	1202	1113	314
175°	1157	1165	1157	1165	1157	110
180°	1157	1157	1157	1157	1157	



TEST NUMBER: P935615

CATALOG NUMBER: SQ4-FA-125U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6
2.5°	2112.5	2112.5	2124.4	2128.3	2128.3	2122.4	2116.4	2122.4	2140.2	2146.2	2144.2
5°	2104.5	2120.4	2142.2	2146.2	2150.1	2148.1	2144.2	2148.1	2167.9	2171.9	2173.9
7.5°	2088.7	2118.4	2146.2	2152.1	2158.0	2152.1	2150.1	2154.1	2173.9	2177.9	2177.9
10°	2068.9	2110.5	2142.2	2146.2	2152.1	2146.2	2146.2	2154.1	2173.9	2177.9	2179.8
12.5°	2041.1	2098.6	2128.3	2132.3	2140.2	2138.2	2136.2	2144.2	2164.0	2167.9	2167.9
15°	2009.4	2076.8	2104.5	2108.5	2122.4	2118.4	2118.4	2126.3	2148.1	2154.1	2152.1
17.5°	1965.8	2049.0	2080.8	2086.7	2096.6	2094.6	2096.6	2104.5	2124.4	2128.3	2130.3
20°	1916.3	2011.4	2049.0	2055.0	2064.9	2064.9	2064.9	2074.8	2094.6	2102.6	2102.6
22.5°	1848.9	1971.8	2011.4	2015.4	2027.3	2027.3	2031.2	2045.1	2062.9	2064.9	2064.9
25°	1769.6	1928.2	1961.9	1973.7	1985.6	1991.6	1997.5	2005.5	2011.4	2009.4	2011.4
27.5°	1686.4	1872.7	1916.3	1924.2	1940.1	1946.0	1953.9	1955.9	1957.9	1963.8	1959.9
30°	1593.3	1795.4	1860.8	1868.7	1894.5	1898.4	1890.5	1894.5	1904.4	1908.4	1912.3
32.5°	1488.2	1680.5	1803.3	1821.2	1844.9	1833.0	1831.1	1837.0	1852.9	1852.9	1856.8
35°	1345.6	1591.3	1749.8	1765.7	1783.5	1769.6	1777.6	1779.5	1789.4	1795.4	1793.4
37.5°	1189.0	1514.0	1694.3	1706.2	1720.1	1702.3	1714.1	1720.1	1728.0	1724.1	1724.1
40°	1050.3	1393.1	1628.9	1636.9	1648.8	1634.9	1646.8	1650.7	1654.7	1650.7	1648.8
42.5°	947.2	1260.3	1559.6	1569.5	1561.6	1571.5	1575.4	1583.4	1577.4	1569.5	1569.5
45°	868.0	1224.7	1484.3	1496.2	1484.3	1500.1	1506.1	1506.1	1488.2	1484.3	1482.3
47.5°	842.2	1153.3	1409.0	1409.0	1403.0	1422.8	1432.7	1418.9	1401.0	1395.1	1395.1
50°	840.2	1074.1	1305.9	1298.0	1325.7	1349.5	1339.6	1325.7	1311.9	1290.1	1290.1
52.5°	762.9	977.0	1173.1	1202.9	1246.5	1260.3	1244.5	1230.6	1206.8	1196.9	1189.0
55°	707.5	875.9	1052.3	1111.7	1157.3	1175.1	1145.4	1131.5	1095.9	1089.9	1086.0
57.5°	695.6	729.3	941.3	1016.6	1072.1	1070.1	1052.3	1026.5	996.8	990.8	988.9
60°	638.1	527.1	822.4	911.6	969.0	963.1	947.2	923.5	895.7	891.8	887.8
62.5°	578.6	382.5	687.6	788.7	870.0	868.0	854.1	818.4	798.6	788.7	780.8
65°	491.5	321.0	489.5	655.9	772.9	776.8	747.1	721.3	699.5	687.6	685.7
67.5°	374.5	261.6	330.9	546.9	679.7	675.8	638.1	626.2	598.5	592.5	580.6
70°	277.4	174.4	229.9	443.9	588.6	578.6	548.9	535.1	509.3	495.4	487.5
72.5°	229.9	140.7	168.4	344.8	495.4	483.5	457.8	441.9	420.1	408.2	400.3
75°	186.3	148.6	128.8	255.6	402.3	394.4	370.6	354.7	336.9	321.0	323.0
77.5°	136.7	138.7	103.0	188.3	319.0	307.2	293.3	273.5	265.5	249.7	249.7
80°	103.0	109.0	77.3	128.8	229.9	229.9	218.0	204.1	190.2	182.3	182.3
82.5°	69.4	69.4	57.5	81.2	156.6	150.6	142.7	138.7	130.8	126.8	126.8
85°	31.7	39.6	35.7	49.5	85.2	89.2	89.2	85.2	83.2	79.3	81.2
87.5°	9.9	17.8	21.8	27.7	43.6	45.6	47.6	47.6	47.6	49.5	49.5
90°	7.8	14.0	20.2	21.7	34.1	50.7	59.0	52.4	39.3	29.5	29.5
92.5°	31.1	83.9	136.7	149.9	210.7	291.8	332.4	291.3	209.2	147.6	141.7
95°	74.6	171.2	267.8	292.0	518.5	820.6	971.6	867.0	657.8	500.9	483.1
97.5°	128.9	214.1	299.4	320.7	698.4	1202.1	1453.9	1387.8	1255.6	1156.4	1122.6
100°	170.9	248.2	325.5	344.8	763.9	1322.8	1602.2	1607.0	1616.7	1623.9	1583.6
102.5°	206.6	278.7	350.9	368.9	794.0	1360.7	1644.1	1728.3	1896.8	2023.1	1988.6
105°	267.2	328.3	389.3	404.6	816.2	1365.1	1639.5	1828.3	2205.9	2489.1	2470.5
107.5°	329.3	386.2	443.2	457.4	820.4	1304.3	1546.3	1809.7	2336.4	2731.4	2735.9
110°	371.2	422.6	474.0	486.9	814.1	1250.4	1468.6	1763.0	2351.9	2793.6	2812.9



TEST NUMBER: P935615

CATALOG NUMBER: SQ4-FA-125U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	412.4	461.4	510.4	522.7	814.4	1203.4	1397.9	1699.2	2301.9	2753.9	2783.6
115°	474.5	519.7	565.0	576.3	822.0	1149.5	1313.3	1603.6	2184.2	2619.6	2660.8
117.5°	535.9	577.0	618.0	628.3	837.2	1115.7	1255.0	1517.0	2041.0	2434.0	2479.6
120°	571.6	610.3	648.9	658.6	849.6	1104.3	1231.7	1471.1	1949.8	2308.9	2353.3
122.5°	606.6	645.6	684.6	694.3	867.5	1098.4	1213.9	1429.5	1860.6	2183.9	2227.6
125°	660.1	695.7	731.2	740.1	891.6	1093.5	1194.5	1377.6	1743.8	2018.5	2058.8
127.5°	703.6	739.5	775.4	784.4	915.7	1090.7	1178.2	1335.4	1649.9	1885.7	1919.7
130°	726.9	765.6	804.2	813.9	933.2	1092.3	1171.9	1311.9	1591.8	1801.8	1833.2
132.5°	751.0	789.7	828.3	838.0	947.5	1093.5	1166.5	1291.8	1542.4	1730.3	1758.4
135°	786.7	821.9	857.1	865.9	963.0	1092.5	1157.2	1262.1	1472.0	1629.4	1653.6
137.5°	823.2	858.1	893.0	901.7	986.3	1099.2	1155.6	1244.3	1421.7	1554.8	1574.6
140°	853.5	885.6	917.7	925.7	1000.5	1100.3	1150.2	1226.8	1380.1	1495.0	1513.6
142.5°	876.8	906.5	936.2	943.6	1012.5	1104.3	1150.2	1217.5	1352.1	1453.1	1469.1
145°	912.5	938.4	964.3	970.8	1028.0	1104.3	1142.4	1197.5	1307.6	1390.2	1402.3
147.5°	948.3	973.5	998.7	1005.0	1050.8	1111.9	1142.4	1185.7	1272.4	1337.4	1347.4
150°	971.6	994.4	1017.1	1022.8	1062.7	1115.8	1142.4	1179.0	1252.2	1307.1	1315.2
152.5°	995.6	1012.9	1030.2	1034.5	1070.5	1118.4	1142.4	1173.6	1236.1	1283.0	1289.1
155°	1031.4	1044.2	1056.9	1060.1	1087.5	1124.1	1142.4	1167.3	1217.0	1254.3	1258.4
157.5°	1057.8	1070.2	1082.6	1085.7	1104.6	1129.8	1142.4	1161.7	1200.4	1229.4	1232.2
160°	1075.6	1085.3	1095.0	1097.4	1112.4	1132.4	1142.4	1159.0	1192.1	1217.0	1218.6
162.5°	1093.5	1100.7	1108.0	1109.8	1120.7	1135.2	1142.4	1156.4	1184.3	1205.3	1206.9
165°	1112.9	1119.5	1126.1	1127.7	1132.6	1139.1	1142.4	1152.4	1172.5	1187.5	1189.1
167.5°	1130.8	1133.9	1137.0	1137.8	1141.9	1147.4	1150.2	1156.8	1169.9	1179.7	1180.4
170°	1142.4	1145.5	1148.6	1149.4	1149.7	1150.0	1150.2	1156.8	1169.9	1179.7	1179.7
172.5°	1148.6	1149.3	1150.0	1150.2	1150.2	1150.2	1150.2	1155.4	1165.7	1173.5	1172.9
175°	1157.2	1157.2	1157.2	1157.2	1154.9	1151.8	1150.2	1153.5	1160.1	1165.0	1165.0
177.5°	1157.2	1157.2	1157.2	1157.2	1155.4	1152.9	1151.7	1154.3	1159.5	1163.4	1162.7
180°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2



TEST NUMBER: P935615
 CATALOG NUMBER: SQ4-FA-125U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6
2.5°	2148.1	2142.2	2148.1	2144.2	2146.2	2140.2	2122.4	2116.4	2122.4	2128.3	2128.3
5°	2173.9	2169.9	2173.9	2173.9	2171.9	2167.9	2148.1	2144.2	2148.1	2150.1	2146.2
7.5°	2181.8	2175.9	2181.8	2177.9	2177.9	2173.9	2154.1	2150.1	2152.1	2158.0	2152.1
10°	2181.8	2175.9	2181.8	2179.8	2177.9	2173.9	2154.1	2146.2	2146.2	2152.1	2146.2
12.5°	2171.9	2167.9	2171.9	2167.9	2167.9	2164.0	2144.2	2136.2	2138.2	2140.2	2132.3
15°	2156.1	2150.1	2156.1	2152.1	2154.1	2148.1	2126.3	2118.4	2118.4	2122.4	2108.5
17.5°	2132.3	2124.4	2132.3	2130.3	2128.3	2124.4	2104.5	2096.6	2094.6	2096.6	2086.7
20°	2104.5	2098.6	2104.5	2102.6	2102.6	2094.6	2074.8	2064.9	2064.9	2064.9	2055.0
22.5°	2060.9	2055.0	2060.9	2064.9	2064.9	2062.9	2045.1	2031.2	2027.3	2027.3	2015.4
25°	2011.4	2005.5	2011.4	2011.4	2009.4	2011.4	2005.5	1997.5	1991.6	1985.6	1973.7
27.5°	1963.8	1959.9	1963.8	1959.9	1963.8	1957.9	1955.9	1953.9	1946.0	1940.1	1924.2
30°	1916.3	1912.3	1916.3	1912.3	1908.4	1904.4	1894.5	1890.5	1898.4	1894.5	1868.7
32.5°	1856.8	1852.9	1856.8	1856.8	1852.9	1852.9	1837.0	1831.1	1833.0	1844.9	1821.2
35°	1795.4	1789.4	1795.4	1793.4	1795.4	1789.4	1779.5	1777.6	1769.6	1783.5	1765.7
37.5°	1724.1	1718.1	1724.1	1724.1	1724.1	1728.0	1720.1	1714.1	1702.3	1720.1	1706.2
40°	1650.7	1642.8	1650.7	1648.8	1650.7	1654.7	1650.7	1646.8	1634.9	1648.8	1636.9
42.5°	1567.5	1565.5	1567.5	1569.5	1569.5	1577.4	1583.4	1575.4	1571.5	1561.6	1569.5
45°	1478.3	1474.4	1478.3	1482.3	1484.3	1488.2	1506.1	1506.1	1500.1	1484.3	1496.2
47.5°	1383.2	1373.3	1383.2	1395.1	1395.1	1401.0	1418.9	1432.7	1422.8	1403.0	1409.0
50°	1282.1	1284.1	1282.1	1290.1	1290.1	1311.9	1325.7	1339.6	1349.5	1325.7	1298.0
52.5°	1183.1	1181.1	1183.1	1189.0	1196.9	1206.8	1230.6	1244.5	1260.3	1246.5	1202.9
55°	1084.0	1087.9	1084.0	1086.0	1089.9	1095.9	1131.5	1145.4	1175.1	1157.3	1111.7
57.5°	984.9	978.9	984.9	988.9	990.8	996.8	1026.5	1052.3	1070.1	1072.1	1016.6
60°	870.0	862.0	870.0	887.8	891.8	895.7	923.5	947.2	963.1	969.0	911.6
62.5°	768.9	755.0	768.9	780.8	788.7	798.6	818.4	854.1	868.0	870.0	788.7
65°	661.9	655.9	661.9	685.7	687.6	699.5	721.3	747.1	776.8	772.9	655.9
67.5°	564.8	564.8	564.8	580.6	592.5	598.5	626.2	638.1	675.8	679.7	546.9
70°	475.6	473.6	475.6	487.5	495.4	509.3	535.1	548.9	578.6	588.6	443.9
72.5°	390.4	388.4	390.4	400.3	408.2	420.1	441.9	457.8	483.5	495.4	344.8
75°	315.1	311.1	315.1	323.0	321.0	336.9	354.7	370.6	394.4	402.3	255.6
77.5°	241.8	241.8	241.8	249.7	249.7	265.5	273.5	293.3	307.2	319.0	188.3
80°	180.3	178.4	180.3	182.3	182.3	190.2	204.1	218.0	229.9	229.9	128.8
82.5°	126.8	122.9	126.8	126.8	126.8	130.8	138.7	142.7	150.6	156.6	81.2
85°	79.3	79.3	79.3	81.2	79.3	83.2	85.2	89.2	89.2	85.2	49.5
87.5°	51.5	49.5	51.5	49.5	49.5	47.6	47.6	47.6	45.6	43.6	27.7
90°	29.5	29.5	29.5	29.5	29.5	39.3	52.4	59.0	50.7	34.1	21.7
92.5°	118.2	94.7	118.2	141.7	147.6	209.2	291.3	332.4	291.8	210.7	149.9
95°	412.0	340.9	412.0	483.1	500.9	657.8	867.0	971.6	820.6	518.5	292.0
97.5°	987.3	852.0	987.3	1122.6	1156.4	1255.6	1387.8	1453.9	1202.1	698.4	320.7
100°	1422.5	1261.3	1422.5	1583.6	1623.9	1616.7	1607.0	1602.2	1322.8	763.9	344.8
102.5°	1850.5	1712.5	1850.5	1988.6	2023.1	1896.8	1728.3	1644.1	1360.7	794.0	368.9
105°	2396.3	2322.1	2396.3	2470.5	2489.1	2205.9	1828.3	1639.5	1365.1	816.2	404.6
107.5°	2753.8	2771.8	2753.8	2735.9	2731.4	2336.4	1809.7	1546.3	1304.3	820.4	457.4
110°	2890.2	2967.5	2890.2	2812.9	2793.6	2351.9	1763.0	1468.6	1250.4	814.1	486.9



TEST NUMBER: P935615

CATALOG NUMBER: SQ4-FA-125U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2902.3	3021.1	2902.3	2783.6	2753.9	2301.9	1699.2	1397.9	1203.4	814.4	522.7
115°	2825.4	2990.0	2825.4	2660.8	2619.6	2184.2	1603.6	1313.3	1149.5	822.0	576.3
117.5°	2662.2	2844.8	2662.2	2479.6	2434.0	2041.0	1517.0	1255.0	1115.7	837.2	628.3
120°	2530.7	2708.1	2530.7	2353.3	2308.9	1949.8	1471.1	1231.7	1104.3	849.6	658.6
122.5°	2402.6	2577.6	2402.6	2227.6	2183.9	1860.6	1429.5	1213.9	1098.4	867.5	694.3
125°	2220.0	2381.2	2220.0	2058.8	2018.5	1743.8	1377.6	1194.5	1093.5	891.6	740.1
127.5°	2055.7	2191.7	2055.7	1919.7	1885.7	1649.9	1335.4	1178.2	1090.7	915.7	784.4
130°	1958.9	2084.5	1958.9	1833.2	1801.8	1591.8	1311.9	1171.9	1092.3	933.2	813.9
132.5°	1871.0	1983.5	1871.0	1758.4	1730.3	1542.4	1291.8	1166.5	1093.5	947.5	838.0
135°	1750.6	1847.6	1750.6	1653.6	1629.4	1472.0	1262.1	1157.2	1092.5	963.0	865.9
137.5°	1654.0	1733.4	1654.0	1574.6	1554.8	1421.7	1244.3	1155.6	1099.2	986.3	901.7
140°	1587.8	1662.0	1587.8	1513.6	1495.0	1380.1	1226.8	1150.2	1100.3	1000.5	925.7
142.5°	1532.9	1596.8	1532.9	1469.1	1453.1	1352.1	1217.5	1150.2	1104.3	1012.5	943.6
145°	1450.6	1498.9	1450.6	1402.3	1390.2	1307.6	1197.5	1142.4	1104.3	1028.0	970.8
147.5°	1387.5	1427.5	1387.5	1347.4	1337.4	1272.4	1185.7	1142.4	1111.9	1050.8	1005.0
150°	1347.7	1380.1	1347.7	1315.2	1307.1	1252.2	1179.0	1142.4	1115.8	1062.7	1022.8
152.5°	1313.6	1338.1	1313.6	1289.1	1283.0	1236.1	1173.6	1142.4	1118.4	1070.5	1034.5
155°	1274.6	1290.8	1274.6	1258.4	1254.3	1217.0	1167.3	1142.4	1124.1	1087.5	1060.1
157.5°	1243.6	1255.0	1243.6	1232.2	1229.4	1200.4	1161.7	1142.4	1129.8	1104.6	1085.7
160°	1225.2	1231.7	1225.2	1218.6	1217.0	1192.1	1159.0	1142.4	1132.4	1112.4	1097.4
162.5°	1213.1	1219.3	1213.1	1206.9	1205.3	1184.3	1156.4	1142.4	1135.2	1120.7	1109.8
165°	1195.7	1202.2	1195.7	1189.1	1187.5	1172.5	1152.4	1142.4	1139.1	1132.6	1127.7
167.5°	1183.1	1185.9	1183.1	1180.4	1179.7	1169.9	1156.8	1150.2	1147.4	1141.9	1137.8
170°	1179.7	1179.7	1179.7	1179.7	1179.7	1169.9	1156.8	1150.2	1150.0	1149.7	1149.4
172.5°	1170.5	1168.1	1170.5	1172.9	1173.5	1165.7	1155.4	1150.2	1150.2	1150.2	1150.2
175°	1165.0	1165.0	1165.0	1165.0	1165.0	1160.1	1153.5	1150.2	1151.8	1154.9	1157.2
177.5°	1160.0	1157.2	1160.0	1162.7	1163.4	1159.5	1154.3	1151.7	1152.9	1155.4	1157.2
180°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2



TEST NUMBER: P935615

CATALOG NUMBER: SQ4-FA-125U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6
2.5°	2124.4	2112.5	2112.5	2092.6	2084.7	2078.8	2068.9	2039.1	2031.2	2023.3	2035.2
5°	2142.2	2120.4	2104.5	2068.9	2039.1	2027.3	1989.6	1918.3	1870.7	1835.0	1815.2
7.5°	2146.2	2118.4	2088.7	2033.2	1961.9	1930.1	1815.2	1684.4	1648.8	1617.0	1597.2
10°	2142.2	2110.5	2068.9	1985.6	1817.2	1761.7	1646.8	1561.6	1539.8	1533.8	1539.8
12.5°	2128.3	2098.6	2041.1	1902.4	1666.6	1628.9	1561.6	1512.0	1508.1	1518.0	1571.5
15°	2104.5	2076.8	2009.4	1791.4	1583.4	1555.6	1508.1	1490.2	1512.0	1581.4	1741.9
17.5°	2080.8	2049.0	1965.8	1682.4	1519.9	1500.1	1466.4	1502.1	1625.0	1718.1	1771.6
20°	2049.0	2011.4	1916.3	1603.2	1474.4	1456.5	1440.7	1601.2	1694.3	1728.0	1757.7
22.5°	2011.4	1971.8	1848.9	1547.7	1426.8	1412.9	1422.8	1656.7	1694.3	1718.1	1743.9
25°	1961.9	1928.2	1769.6	1504.1	1389.2	1373.3	1411.0	1650.7	1672.5	1678.5	1730.0
27.5°	1916.3	1872.7	1686.4	1464.5	1343.6	1337.6	1420.9	1625.0	1640.8	1646.8	1702.3
30°	1860.8	1795.4	1593.3	1422.8	1296.0	1294.0	1422.8	1593.3	1589.3	1605.2	1660.6
32.5°	1803.3	1680.5	1488.2	1371.3	1250.4	1248.5	1409.0	1545.7	1541.7	1563.5	1605.2
35°	1749.8	1591.3	1345.6	1311.9	1193.0	1194.9	1375.3	1490.2	1492.2	1512.0	1537.8
37.5°	1694.3	1514.0	1189.0	1246.5	1137.5	1137.5	1329.7	1438.7	1434.7	1440.7	1476.3
40°	1628.9	1393.1	1050.3	1161.3	1086.0	1080.0	1274.2	1383.2	1369.3	1367.4	1416.9
42.5°	1559.6	1260.3	947.2	1048.3	1026.5	1018.6	1206.8	1315.8	1290.1	1296.0	1359.4
45°	1484.3	1224.7	868.0	885.8	965.1	959.1	1133.5	1238.5	1220.7	1236.6	1302.0
47.5°	1409.0	1153.3	842.2	735.2	899.7	897.7	1052.3	1163.2	1153.3	1169.2	1238.5
50°	1305.9	1074.1	840.2	630.2	826.4	834.3	955.2	1089.9	1089.9	1103.8	1177.1
52.5°	1173.1	977.0	762.9	570.7	741.1	764.9	870.0	1026.5	1030.5	1044.3	1109.7
55°	1052.3	875.9	707.5	525.1	640.1	691.6	786.7	961.1	969.0	982.9	1042.4
57.5°	941.3	729.3	695.6	471.6	546.9	596.5	713.4	897.7	901.7	913.6	971.0
60°	822.4	527.1	638.1	414.2	465.7	503.3	646.0	822.4	836.3	844.2	893.7
62.5°	687.6	382.5	578.6	374.5	426.1	434.0	590.5	751.1	768.9	774.8	804.6
65°	489.5	321.0	491.5	340.8	384.4	386.4	531.1	677.7	693.6	703.5	725.3
67.5°	330.9	261.6	374.5	309.1	352.7	354.7	473.6	592.5	614.3	622.2	636.1
70°	229.9	174.4	277.4	275.5	317.1	321.0	412.2	515.2	535.1	541.0	548.9
72.5°	168.4	140.7	229.9	247.7	279.4	283.4	348.8	428.0	447.9	453.8	457.8
75°	128.8	148.6	186.3	216.0	237.8	239.8	285.4	348.8	362.6	366.6	368.6
77.5°	103.0	138.7	136.7	174.4	194.2	190.2	223.9	269.5	281.4	281.4	281.4
80°	77.3	109.0	103.0	124.8	142.7	138.7	160.5	192.2	196.2	200.1	198.2
82.5°	57.5	69.4	69.4	79.3	95.1	91.2	107.0	124.8	124.8	124.8	128.8
85°	35.7	39.6	31.7	41.6	53.5	51.5	59.5	67.4	69.4	69.4	65.4
87.5°	21.8	17.8	9.9	15.9	23.8	23.8	27.7	29.7	27.7	27.7	27.7
90°	20.2	14.0	7.8	14.0	20.2	21.7	34.1	50.7	59.0	52.4	39.3
92.5°	136.7	83.9	31.1	83.9	136.7	149.9	210.7	291.8	332.4	291.3	209.2
95°	267.8	171.2	74.6	171.2	267.8	292.0	518.5	820.6	971.6	867.0	657.8
97.5°	299.4	214.1	128.9	214.1	299.4	320.7	698.4	1202.1	1453.9	1387.8	1255.6
100°	325.5	248.2	170.9	248.2	325.5	344.8	763.9	1322.8	1602.2	1607.0	1616.7
102.5°	350.9	278.7	206.6	278.7	350.9	368.9	794.0	1360.7	1644.1	1728.3	1896.8
105°	389.3	328.3	267.2	328.3	389.3	404.6	816.2	1365.1	1639.5	1828.3	2205.9
107.5°	443.2	386.2	329.3	386.2	443.2	457.4	820.4	1304.3	1546.3	1809.7	2336.4
110°	474.0	422.6	371.2	422.6	474.0	486.9	814.1	1250.4	1468.6	1763.0	2351.9



TEST NUMBER: P935615

CATALOG NUMBER: SQ4-FA-125U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	510.4	461.4	412.4	461.4	510.4	522.7	814.4	1203.4	1397.9	1699.2	2301.9
115°	565.0	519.7	474.5	519.7	565.0	576.3	822.0	1149.5	1313.3	1603.6	2184.2
117.5°	618.0	577.0	535.9	577.0	618.0	628.3	837.2	1115.7	1255.0	1517.0	2041.0
120°	648.9	610.3	571.6	610.3	648.9	658.6	849.6	1104.3	1231.7	1471.1	1949.8
122.5°	684.6	645.6	606.6	645.6	684.6	694.3	867.5	1098.4	1213.9	1429.5	1860.6
125°	731.2	695.7	660.1	695.7	731.2	740.1	891.6	1093.5	1194.5	1377.6	1743.8
127.5°	775.4	739.5	703.6	739.5	775.4	784.4	915.7	1090.7	1178.2	1335.4	1649.9
130°	804.2	765.6	726.9	765.6	804.2	813.9	933.2	1092.3	1171.9	1311.9	1591.8
132.5°	828.3	789.7	751.0	789.7	828.3	838.0	947.5	1093.5	1166.5	1291.8	1542.4
135°	857.1	821.9	786.7	821.9	857.1	865.9	963.0	1092.5	1157.2	1262.1	1472.0
137.5°	893.0	858.1	823.2	858.1	893.0	901.7	986.3	1099.2	1155.6	1244.3	1421.7
140°	917.7	885.6	853.5	885.6	917.7	925.7	1000.5	1100.3	1150.2	1226.8	1380.1
142.5°	936.2	906.5	876.8	906.5	936.2	943.6	1012.5	1104.3	1150.2	1217.5	1352.1
145°	964.3	938.4	912.5	938.4	964.3	970.8	1028.0	1104.3	1142.4	1197.5	1307.6
147.5°	998.7	973.5	948.3	973.5	998.7	1005.0	1050.8	1111.9	1142.4	1185.7	1272.4
150°	1017.1	994.4	971.6	994.4	1017.1	1022.8	1062.7	1115.8	1142.4	1179.0	1252.2
152.5°	1030.2	1012.9	995.6	1012.9	1030.2	1034.5	1070.5	1118.4	1142.4	1173.6	1236.1
155°	1056.9	1044.2	1031.4	1044.2	1056.9	1060.1	1087.5	1124.1	1142.4	1167.3	1217.0
157.5°	1082.6	1070.2	1057.8	1070.2	1082.6	1085.7	1104.6	1129.8	1142.4	1161.7	1200.4
160°	1095.0	1085.3	1075.6	1085.3	1095.0	1097.4	1112.4	1132.4	1142.4	1159.0	1192.1
162.5°	1108.0	1100.7	1093.5	1100.7	1108.0	1109.8	1120.7	1135.2	1142.4	1156.4	1184.3
165°	1126.1	1119.5	1112.9	1119.5	1126.1	1127.7	1132.6	1139.1	1142.4	1152.4	1172.5
167.5°	1137.0	1133.9	1130.8	1133.9	1137.0	1137.8	1141.9	1147.4	1150.2	1156.8	1169.9
170°	1148.6	1145.5	1142.4	1145.5	1148.6	1149.4	1149.7	1150.0	1150.2	1156.8	1169.9
172.5°	1150.0	1149.3	1148.6	1149.3	1150.0	1150.2	1150.2	1150.2	1150.2	1155.4	1165.7
175°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1154.9	1151.8	1150.2	1153.5	1160.1
177.5°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1155.4	1152.9	1151.7	1154.3	1159.5
180°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2



TEST NUMBER: P935615
 CATALOG NUMBER: SQ4-FA-125U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6	2094.6
2.5°	2021.3	2015.4	2023.3	2001.5	2023.3	2015.4	2021.3	2035.2	2023.3	2031.2	2039.1
5°	1773.6	1763.7	1732.0	1706.2	1732.0	1763.7	1773.6	1815.2	1835.0	1870.7	1918.3
7.5°	1585.3	1577.4	1569.5	1553.6	1569.5	1577.4	1585.3	1597.2	1617.0	1648.8	1684.4
10°	1543.7	1545.7	1557.6	1555.6	1557.6	1545.7	1543.7	1539.8	1533.8	1539.8	1561.6
12.5°	1650.7	1668.6	1734.0	1730.0	1734.0	1668.6	1650.7	1571.5	1518.0	1508.1	1512.0
15°	1773.6	1779.5	1793.4	1795.4	1793.4	1779.5	1773.6	1741.9	1581.4	1512.0	1490.2
17.5°	1785.5	1787.5	1797.4	1797.4	1797.4	1787.5	1785.5	1771.6	1718.1	1625.0	1502.1
20°	1775.6	1779.5	1799.4	1803.3	1799.4	1779.5	1775.6	1757.7	1728.0	1694.3	1601.2
22.5°	1771.6	1779.5	1795.4	1793.4	1795.4	1779.5	1771.6	1743.9	1718.1	1694.3	1656.7
25°	1751.8	1751.8	1753.8	1755.8	1753.8	1751.8	1751.8	1730.0	1678.5	1672.5	1650.7
27.5°	1710.2	1714.1	1726.0	1724.1	1726.0	1714.1	1710.2	1702.3	1646.8	1640.8	1625.0
30°	1672.5	1668.6	1658.7	1650.7	1658.7	1668.6	1672.5	1660.6	1605.2	1589.3	1593.3
32.5°	1609.1	1599.2	1589.3	1583.4	1589.3	1599.2	1609.1	1605.2	1563.5	1541.7	1545.7
35°	1533.8	1535.8	1533.8	1527.9	1533.8	1535.8	1533.8	1537.8	1512.0	1492.2	1490.2
37.5°	1480.3	1484.3	1482.3	1474.4	1482.3	1484.3	1480.3	1476.3	1440.7	1434.7	1438.7
40°	1424.8	1426.8	1424.8	1418.9	1424.8	1426.8	1424.8	1416.9	1367.4	1369.3	1383.2
42.5°	1371.3	1369.3	1363.4	1359.4	1363.4	1369.3	1371.3	1359.4	1296.0	1290.1	1315.8
45°	1309.9	1311.9	1300.0	1294.0	1300.0	1311.9	1309.9	1302.0	1236.6	1220.7	1238.5
47.5°	1248.5	1248.5	1238.5	1232.6	1238.5	1248.5	1248.5	1238.5	1169.2	1153.3	1163.2
50°	1183.1	1181.1	1167.2	1165.2	1167.2	1181.1	1183.1	1177.1	1103.8	1089.9	1089.9
52.5°	1107.8	1107.8	1109.7	1113.7	1109.7	1107.8	1107.8	1109.7	1044.3	1030.5	1026.5
55°	1042.4	1044.3	1058.2	1062.2	1058.2	1044.3	1042.4	1042.4	982.9	969.0	961.1
57.5°	975.0	975.0	984.9	984.9	984.9	975.0	975.0	971.0	913.6	901.7	897.7
60°	897.7	901.7	909.6	907.6	909.6	901.7	897.7	893.7	844.2	836.3	822.4
62.5°	816.4	820.4	822.4	818.4	822.4	820.4	816.4	804.6	774.8	768.9	751.1
65°	731.2	735.2	737.2	733.2	737.2	735.2	731.2	725.3	703.5	693.6	677.7
67.5°	644.0	642.1	640.1	648.0	640.1	642.1	644.0	636.1	622.2	614.3	592.5
70°	554.9	554.9	552.9	556.8	552.9	554.9	554.9	548.9	541.0	535.1	515.2
72.5°	459.7	457.8	465.7	459.7	465.7	457.8	459.7	457.8	453.8	447.9	428.0
75°	366.6	370.6	366.6	372.6	366.6	370.6	366.6	368.6	366.6	362.6	348.8
77.5°	279.4	283.4	279.4	279.4	279.4	283.4	279.4	281.4	281.4	281.4	269.5
80°	198.2	196.2	196.2	194.2	196.2	196.2	198.2	198.2	200.1	196.2	192.2
82.5°	126.8	124.8	124.8	128.8	124.8	124.8	126.8	128.8	124.8	124.8	124.8
85°	69.4	71.3	67.4	67.4	67.4	71.3	69.4	65.4	69.4	69.4	67.4
87.5°	25.8	23.8	23.8	23.8	23.8	23.8	25.8	27.7	27.7	27.7	29.7
90°	29.5	29.5	29.5	29.5	29.5	29.5	29.5	39.3	52.4	59.0	50.7
92.5°	147.6	141.7	118.2	94.7	118.2	141.7	147.6	209.2	291.3	332.4	291.8
95°	500.9	483.1	412.0	340.9	412.0	483.1	500.9	657.8	867.0	971.6	820.6
97.5°	1156.4	1122.6	987.3	852.0	987.3	1122.6	1156.4	1255.6	1387.8	1453.9	1202.1
100°	1623.9	1583.6	1422.5	1261.3	1422.5	1583.6	1623.9	1616.7	1607.0	1602.2	1322.8
102.5°	2023.1	1988.6	1850.5	1712.5	1850.5	1988.6	2023.1	1896.8	1728.3	1644.1	1360.7
105°	2489.1	2470.5	2396.3	2322.1	2396.3	2470.5	2489.1	2205.9	1828.3	1639.5	1365.1
107.5°	2731.4	2735.9	2753.8	2771.8	2753.8	2735.9	2731.4	2336.4	1809.7	1546.3	1304.3
110°	2793.6	2812.9	2890.2	2967.5	2890.2	2812.9	2793.6	2351.9	1763.0	1468.6	1250.4



TEST NUMBER: P935615

CATALOG NUMBER: SQ4-FA-125U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2753.9	2783.6	2902.3	3021.1	2902.3	2783.6	2753.9	2301.9	1699.2	1397.9	1203.4
115°	2619.6	2660.8	2825.4	2990.0	2825.4	2660.8	2619.6	2184.2	1603.6	1313.3	1149.5
117.5°	2434.0	2479.6	2662.2	2844.8	2662.2	2479.6	2434.0	2041.0	1517.0	1255.0	1115.7
120°	2308.9	2353.3	2530.7	2708.1	2530.7	2353.3	2308.9	1949.8	1471.1	1231.7	1104.3
122.5°	2183.9	2227.6	2402.6	2577.6	2402.6	2227.6	2183.9	1860.6	1429.5	1213.9	1098.4
125°	2018.5	2058.8	2220.0	2381.2	2220.0	2058.8	2018.5	1743.8	1377.6	1194.5	1093.5
127.5°	1885.7	1919.7	2055.7	2191.7	2055.7	1919.7	1885.7	1649.9	1335.4	1178.2	1090.7
130°	1801.8	1833.2	1958.9	2084.5	1958.9	1833.2	1801.8	1591.8	1311.9	1171.9	1092.3
132.5°	1730.3	1758.4	1871.0	1983.5	1871.0	1758.4	1730.3	1542.4	1291.8	1166.5	1093.5
135°	1629.4	1653.6	1750.6	1847.6	1750.6	1653.6	1629.4	1472.0	1262.1	1157.2	1092.5
137.5°	1554.8	1574.6	1654.0	1733.4	1654.0	1574.6	1554.8	1421.7	1244.3	1155.6	1099.2
140°	1495.0	1513.6	1587.8	1662.0	1587.8	1513.6	1495.0	1380.1	1226.8	1150.2	1100.3
142.5°	1453.1	1469.1	1532.9	1596.8	1532.9	1469.1	1453.1	1352.1	1217.5	1150.2	1104.3
145°	1390.2	1402.3	1450.6	1498.9	1450.6	1402.3	1390.2	1307.6	1197.5	1142.4	1104.3
147.5°	1337.4	1347.4	1387.5	1427.5	1387.5	1347.4	1337.4	1272.4	1185.7	1142.4	1111.9
150°	1307.1	1315.2	1347.7	1380.1	1347.7	1315.2	1307.1	1252.2	1179.0	1142.4	1115.8
152.5°	1283.0	1289.1	1313.6	1338.1	1313.6	1289.1	1283.0	1236.1	1173.6	1142.4	1118.4
155°	1254.3	1258.4	1274.6	1290.8	1274.6	1258.4	1254.3	1217.0	1167.3	1142.4	1124.1
157.5°	1229.4	1232.2	1243.6	1255.0	1243.6	1232.2	1229.4	1200.4	1161.7	1142.4	1129.8
160°	1217.0	1218.6	1225.2	1231.7	1225.2	1218.6	1217.0	1192.1	1159.0	1142.4	1132.4
162.5°	1205.3	1206.9	1213.1	1219.3	1213.1	1206.9	1205.3	1184.3	1156.4	1142.4	1135.2
165°	1187.5	1189.1	1195.7	1202.2	1195.7	1189.1	1187.5	1172.5	1152.4	1142.4	1139.1
167.5°	1179.7	1180.4	1183.1	1185.9	1183.1	1180.4	1179.7	1169.9	1156.8	1150.2	1147.4
170°	1179.7	1179.7	1179.7	1179.7	1179.7	1179.7	1179.7	1169.9	1156.8	1150.2	1150.0
172.5°	1173.5	1172.9	1170.5	1168.1	1170.5	1172.9	1173.5	1165.7	1155.4	1150.2	1150.2
175°	1165.0	1165.0	1165.0	1165.0	1165.0	1165.0	1165.0	1160.1	1153.5	1150.2	1151.8
177.5°	1163.4	1162.7	1160.0	1157.2	1160.0	1162.7	1163.4	1159.5	1154.3	1151.7	1152.9
180°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2



TEST NUMBER: P935615

CATALOG NUMBER: SQ4-FA-125U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2094.6	2094.6	2094.6	2094.6	2094.6
2.5°	2068.9	2078.8	2084.7	2092.6	2112.5
5°	1989.6	2027.3	2039.1	2068.9	2104.5
7.5°	1815.2	1930.1	1961.9	2033.2	2088.7
10°	1646.8	1761.7	1817.2	1985.6	2068.9
12.5°	1561.6	1628.9	1666.6	1902.4	2041.1
15°	1508.1	1555.6	1583.4	1791.4	2009.4
17.5°	1466.4	1500.1	1519.9	1682.4	1965.8
20°	1440.7	1456.5	1474.4	1603.2	1916.3
22.5°	1422.8	1412.9	1426.8	1547.7	1848.9
25°	1411.0	1373.3	1389.2	1504.1	1769.6
27.5°	1420.9	1337.6	1343.6	1464.5	1686.4
30°	1422.8	1294.0	1296.0	1422.8	1593.3
32.5°	1409.0	1248.5	1250.4	1371.3	1488.2
35°	1375.3	1194.9	1193.0	1311.9	1345.6
37.5°	1329.7	1137.5	1137.5	1246.5	1189.0
40°	1274.2	1080.0	1086.0	1161.3	1050.3
42.5°	1206.8	1018.6	1026.5	1048.3	947.2
45°	1133.5	959.1	965.1	885.8	868.0
47.5°	1052.3	897.7	899.7	735.2	842.2
50°	955.2	834.3	826.4	630.2	840.2
52.5°	870.0	764.9	741.1	570.7	762.9
55°	786.7	691.6	640.1	525.1	707.5
57.5°	713.4	596.5	546.9	471.6	695.6
60°	646.0	503.3	465.7	414.2	638.1
62.5°	590.5	434.0	426.1	374.5	578.6
65°	531.1	386.4	384.4	340.8	491.5
67.5°	473.6	354.7	352.7	309.1	374.5
70°	412.2	321.0	317.1	275.5	277.4
72.5°	348.8	283.4	279.4	247.7	229.9
75°	285.4	239.8	237.8	216.0	186.3
77.5°	223.9	190.2	194.2	174.4	136.7
80°	160.5	138.7	142.7	124.8	103.0
82.5°	107.0	91.2	95.1	79.3	69.4
85°	59.5	51.5	53.5	41.6	31.7
87.5°	27.7	23.8	23.8	15.9	9.9
90°	34.1	21.7	20.2	14.0	7.8
92.5°	210.7	149.9	136.7	83.9	31.1
95°	518.5	292.0	267.8	171.2	74.6
97.5°	698.4	320.7	299.4	214.1	128.9
100°	763.9	344.8	325.5	248.2	170.9
102.5°	794.0	368.9	350.9	278.7	206.6
105°	816.2	404.6	389.3	328.3	267.2
107.5°	820.4	457.4	443.2	386.2	329.3
110°	814.1	486.9	474.0	422.6	371.2



TEST NUMBER: P935615

CATALOG NUMBER: SQ4-FA-125U-100D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	814.4	522.7	510.4	461.4	412.4
115°	822.0	576.3	565.0	519.7	474.5
117.5°	837.2	628.3	618.0	577.0	535.9
120°	849.6	658.6	648.9	610.3	571.6
122.5°	867.5	694.3	684.6	645.6	606.6
125°	891.6	740.1	731.2	695.7	660.1
127.5°	915.7	784.4	775.4	739.5	703.6
130°	933.2	813.9	804.2	765.6	726.9
132.5°	947.5	838.0	828.3	789.7	751.0
135°	963.0	865.9	857.1	821.9	786.7
137.5°	986.3	901.7	893.0	858.1	823.2
140°	1000.5	925.7	917.7	885.6	853.5
142.5°	1012.5	943.6	936.2	906.5	876.8
145°	1028.0	970.8	964.3	938.4	912.5
147.5°	1050.8	1005.0	998.7	973.5	948.3
150°	1062.7	1022.8	1017.1	994.4	971.6
152.5°	1070.5	1034.5	1030.2	1012.9	995.6
155°	1087.5	1060.1	1056.9	1044.2	1031.4
157.5°	1104.6	1085.7	1082.6	1070.2	1057.8
160°	1112.4	1097.4	1095.0	1085.3	1075.6
162.5°	1120.7	1109.8	1108.0	1100.7	1093.5
165°	1132.6	1127.7	1126.1	1119.5	1112.9
167.5°	1141.9	1137.8	1137.0	1133.9	1130.8
170°	1149.7	1149.4	1148.6	1145.5	1142.4
172.5°	1150.2	1150.2	1150.0	1149.3	1148.6
175°	1154.9	1157.2	1157.2	1157.2	1157.2
177.5°	1155.4	1157.2	1157.2	1157.2	1157.2
180°	1157.2	1157.2	1157.2	1157.2	1157.2



TEST NUMBER: P935615
 CATALOG NUMBER: SQ4-FA-125U-100D-835-1D-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	12.92	13.71	13.94	14.74	16.12	15.74	16.54	16.76	17.57	18.95
	3H	13.39	14.10	14.42	15.14	16.54	17.08	17.79	18.11	18.83	20.23
	4H	13.58	14.25	14.62	15.29	16.70	17.52	18.19	18.56	19.24	20.64
	6H	13.69	14.31	14.75	15.36	16.78	17.80	18.42	18.85	19.47	20.89
	8H	13.69	14.28	14.75	15.34	16.76	17.87	18.46	18.93	19.52	20.94
	12H	13.66	14.22	14.73	15.28	16.72	17.91	18.47	18.97	19.52	20.96
4H	2H	13.94	14.61	14.99	15.66	17.06	16.14	16.82	17.19	17.86	19.27
	3H	14.96	15.52	16.02	16.59	18.01	17.64	18.20	18.70	19.27	20.69
	4H	15.23	15.75	16.30	16.81	18.25	18.16	18.68	19.23	19.74	21.18
	6H	15.36	15.80	16.43	16.88	18.32	18.52	18.97	19.60	20.05	21.49
	8H	15.36	15.77	16.43	16.85	18.30	18.63	19.04	19.70	20.12	21.57
	12H	15.32	15.70	16.42	16.79	18.25	18.68	19.05	19.77	20.14	21.60
8H	4H	15.68	16.09	16.76	17.17	18.62	18.28	18.70	19.36	19.77	21.23
	6H	15.94	16.28	17.04	17.40	18.85	18.72	19.06	19.81	20.18	21.63
	8H	15.98	16.28	17.09	17.38	18.85	18.87	19.16	19.97	20.27	21.74
	12H	15.96	16.23	17.07	17.32	18.83	18.96	19.22	20.07	20.32	21.83
12H	4H	15.68	16.06	16.78	17.15	18.61	18.24	18.62	19.34	19.71	21.17
	6H	16.00	16.30	17.10	17.40	18.87	18.71	19.01	19.82	20.11	21.58
	8H	16.06	16.33	17.17	17.42	18.93	18.87	19.13	19.98	20.23	21.74