

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: P935571

Luminaire Tested: SQ4-FA-125U-075D-935-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935571
REPORT IS A COMBINATION OF REPORTS P933759 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-935-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

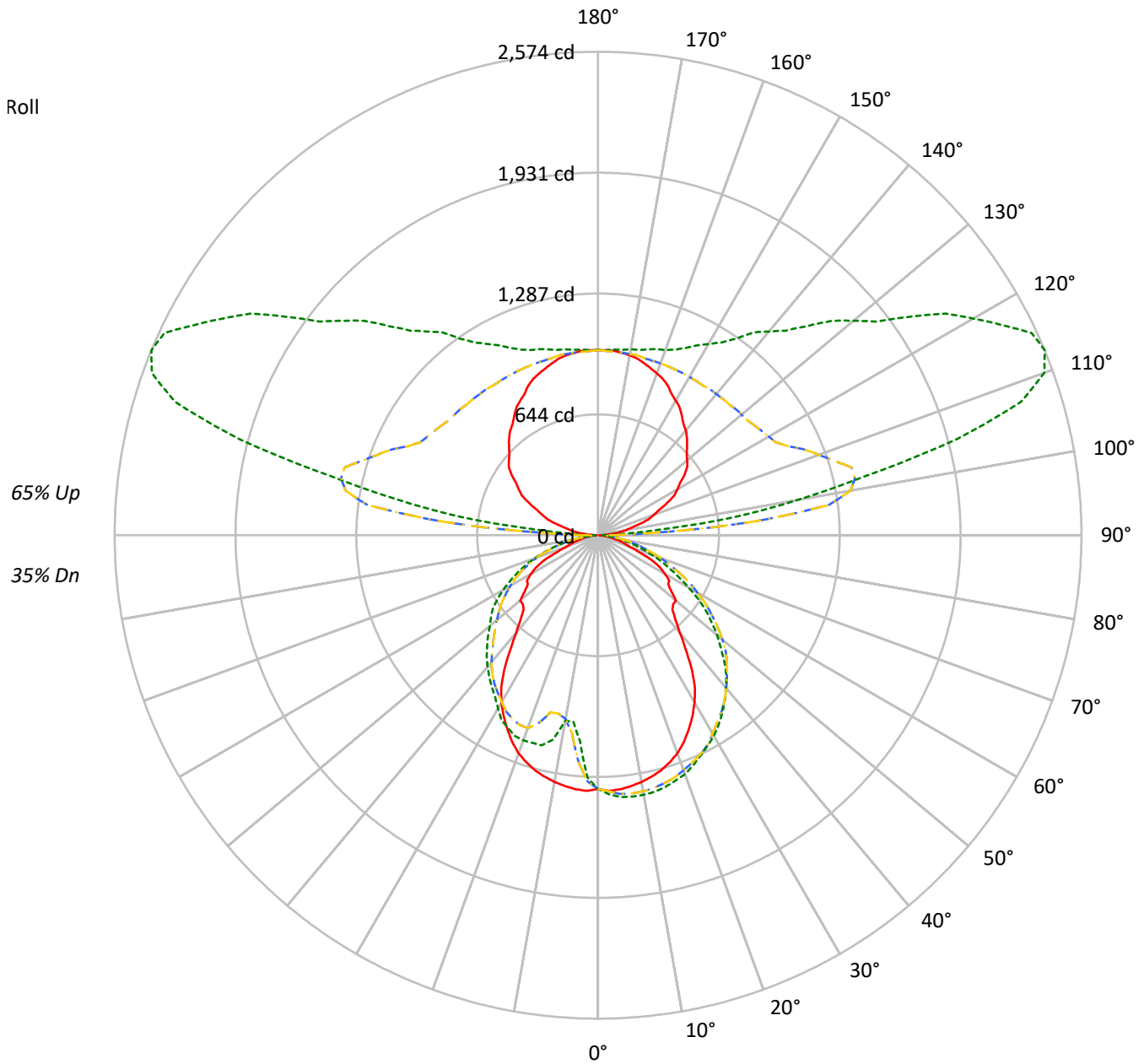
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9897.6 lumens
Efficiency: N/A
Efficacy: 118.7 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: Semi-Indirect

Input Watts (W): 83.4
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: P935571
CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-6

Luminous Intensity Polar Plot



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



TEST NUMBER: P935571

CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-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	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35				35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30				30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25				25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21				21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18				18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16				16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14				14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12				12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11				11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10				10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9				9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8356	8356	8356	8356
5°	8416	8435	8416	6633
10°	8356	8309	8356	5940
15°	8263	8129	8263	6788
20°	8086	7916	8086	6802
25°	7730	7605	7730	6658
30°	7270	7347	7270	6342
35°	6478	7020	6478	5994
40°	5394	6636	5394	5731
45°	4817	6185	4817	5429
50°	5114	5648	5114	5126
55°	4806	5070	4806	4950
60°	4948	4306	4948	4534
65°	4479	3560	4479	3979
70°	3094	2836	3094	3335
75°	2702	2097	2702	2511
80°	2164	1386	2164	1509
85°	1216	734	1216	625

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7387 cd/sqm



TEST NUMBER: P935571

CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.9	1.2
10°-20°	346.2	3.5
20°-30°	535.2	5.4
30°-40°	638.9	6.5
40°-50°	642.6	6.5
50°-60°	559.2	5.6
60°-70°	396.5	4.0
70°-80°	209.8	2.1
80°-90°	56.0	0.6
90°-100°	480.6	4.9
100°-110°	1263.5	12.8
110°-120°	1310.1	13.2
120°-130°	1050.9	10.6
130°-140°	824.5	8.3
140°-150°	632.9	6.4
150°-160°	455.8	4.6
160°-170°	278.9	2.8
170°-180°	94.2	1.0
0°-30°	1003.3	10.1
0°-40°	1642.2	16.6
0°-60°	2844.1	28.7
0°-90°	3506.3	35.4
90°-120°	3054.2	30.9
90°-150°	5562.5	56.2
90°-180°	6391.0	64.6
0°-180°	9897.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1351	1351	1351	1351	1351	
5°	1357	1399	1357	1100	1357	129
15°	1296	1387	1296	1158	1296	365
25°	1141	1293	1141	1132	1141	524
35°	868	1154	868	985	868	537
45°	560	951	560	834	560	448
55°	456	702	456	685	456	419
65°	317	423	317	473	317	303
75°	120	201	120	240	120	126
85°	20	51	20	44	20	28
90°	7	25	7	25	7	6
95°	64	290	64	290	64	71
105°	228	1978	228	1978	228	241
115°	404	2548	404	2548	404	399
125°	562	2029	562	2029	562	499
135°	670	1574	670	1574	670	519
145°	777	1277	777	1277	777	487
155°	879	1100	879	1100	879	404
165°	948	1024	948	1024	948	268
175°	986	993	986	993	986	94
180°	986	986	986	986	986	



TEST NUMBER: P935571

CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8
2.5°	1362.3	1362.3	1370.0	1372.6	1372.6	1368.7	1364.9	1368.7	1380.2	1384.1	1382.8
5°	1357.2	1367.5	1381.5	1384.1	1386.6	1385.4	1382.8	1385.4	1398.1	1400.7	1402.0
7.5°	1347.0	1366.2	1384.1	1387.9	1391.7	1387.9	1386.6	1389.2	1402.0	1404.5	1404.5
10°	1334.2	1361.1	1381.5	1384.1	1387.9	1384.1	1384.1	1389.2	1402.0	1404.5	1405.8
12.5°	1316.3	1353.4	1372.6	1375.1	1380.2	1379.0	1377.7	1382.8	1395.6	1398.1	1398.1
15°	1295.9	1339.3	1357.2	1359.8	1368.7	1366.2	1366.2	1371.3	1385.4	1389.2	1387.9
17.5°	1267.8	1321.5	1341.9	1345.7	1352.1	1350.8	1352.1	1357.2	1370.0	1372.6	1373.8
20°	1235.8	1297.2	1321.5	1325.3	1331.7	1331.7	1331.7	1338.1	1350.8	1356.0	1356.0
22.5°	1192.4	1271.6	1297.2	1299.7	1307.4	1307.4	1310.0	1318.9	1330.4	1331.7	1331.7
25°	1141.3	1243.5	1265.2	1272.9	1280.6	1284.4	1288.2	1293.3	1297.2	1295.9	1297.2
27.5°	1087.6	1207.7	1235.8	1240.9	1251.2	1255.0	1260.1	1261.4	1262.7	1266.5	1263.9
30°	1027.5	1157.9	1200.0	1205.2	1221.8	1224.3	1219.2	1221.8	1228.2	1230.7	1233.3
32.5°	959.8	1083.7	1163.0	1174.5	1189.8	1182.1	1180.9	1184.7	1194.9	1194.9	1197.5
35°	867.8	1026.2	1128.5	1138.7	1150.2	1141.3	1146.4	1147.6	1154.0	1157.9	1156.6
37.5°	766.8	976.4	1092.7	1100.4	1109.3	1097.8	1105.5	1109.3	1114.4	1111.9	1111.9
40°	677.3	898.4	1050.5	1055.6	1063.3	1054.4	1062.0	1064.6	1067.1	1064.6	1063.3
42.5°	610.9	812.8	1005.8	1012.2	1007.1	1013.5	1016.0	1021.1	1017.3	1012.2	1012.2
45°	559.8	789.8	957.2	964.9	957.2	967.4	971.3	971.3	959.8	957.2	955.9
47.5°	543.2	743.8	908.7	908.7	904.8	917.6	924.0	915.0	903.5	899.7	899.7
50°	541.9	692.7	842.2	837.1	855.0	870.3	863.9	855.0	846.0	832.0	832.0
52.5°	492.0	630.1	756.6	775.7	803.9	812.8	802.6	793.6	778.3	771.9	766.8
55°	456.2	564.9	678.6	717.0	746.4	757.9	738.7	729.7	706.7	702.9	700.3
57.5°	448.6	470.3	607.0	655.6	691.4	690.1	678.6	662.0	642.8	639.0	637.7
60°	411.5	339.9	530.4	587.9	624.9	621.1	610.9	595.5	577.7	575.1	572.5
62.5°	373.2	246.7	443.5	508.6	561.0	559.8	550.8	527.8	515.0	508.6	503.5
65°	316.9	207.0	315.7	423.0	498.4	501.0	481.8	465.2	451.1	443.5	442.2
67.5°	241.5	168.7	213.4	352.7	438.4	435.8	411.5	403.8	386.0	382.1	374.5
70°	178.9	112.5	148.2	286.3	379.6	373.2	354.0	345.1	328.4	319.5	314.4
72.5°	148.2	90.7	108.6	222.4	319.5	311.8	295.2	285.0	270.9	263.3	258.2
75°	120.1	95.8	83.1	164.9	259.4	254.3	239.0	228.8	217.3	207.0	208.3
77.5°	88.2	89.5	66.5	121.4	205.8	198.1	189.1	176.4	171.3	161.0	161.0
80°	66.5	70.3	49.8	83.1	148.2	148.2	140.6	131.6	122.7	117.6	117.6
82.5°	44.7	44.7	37.1	52.4	101.0	97.1	92.0	89.5	84.3	81.8	81.8
85°	20.4	25.6	23.0	32.0	55.0	57.5	57.5	55.0	53.7	51.1	52.4
87.5°	6.4	11.5	14.1	17.9	28.1	29.4	30.7	30.7	30.7	32.0	32.0
90°	6.6	11.9	17.2	18.5	29.1	43.2	50.3	44.6	33.5	25.1	25.1
92.5°	26.5	71.5	116.5	127.7	179.5	248.6	283.2	248.2	178.2	125.8	120.7
95°	63.6	145.9	228.2	248.8	441.8	699.2	827.8	738.7	560.4	426.8	411.6
97.5°	109.8	182.4	255.1	273.2	595.0	1024.2	1238.7	1182.4	1069.8	985.3	956.5
100°	145.6	211.5	277.3	293.8	650.8	1127.0	1365.1	1369.2	1377.4	1383.6	1349.2
102.5°	176.0	237.5	299.0	314.3	676.5	1159.3	1400.8	1472.5	1616.1	1723.7	1694.3
105°	227.7	279.7	331.7	344.7	695.4	1163.1	1396.9	1557.7	1879.4	2120.7	2104.9
107.5°	280.6	329.0	377.6	389.7	699.0	1111.3	1317.4	1541.9	1990.6	2327.2	2331.0
110°	316.3	360.1	403.8	414.8	693.6	1065.3	1251.2	1502.1	2003.8	2380.1	2396.6



TEST NUMBER: P935571

CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	351.4	393.1	434.9	445.3	693.9	1025.3	1191.0	1447.7	1961.2	2346.3	2371.6
115°	404.3	442.8	481.4	491.0	700.3	979.4	1118.9	1366.3	1860.9	2231.9	2267.0
117.5°	456.6	491.6	526.5	535.3	713.3	950.6	1069.3	1292.5	1738.9	2073.8	2112.6
120°	487.0	520.0	552.9	561.1	723.9	940.9	1049.4	1253.4	1661.2	1967.2	2005.0
122.5°	516.8	550.1	583.3	591.5	739.1	935.8	1034.2	1217.9	1585.2	1860.7	1897.9
125°	562.4	592.7	623.0	630.6	759.6	931.7	1017.7	1173.7	1485.7	1719.8	1754.1
127.5°	599.5	630.1	660.6	668.3	780.2	929.3	1003.8	1137.8	1405.7	1606.6	1635.6
130°	619.3	652.3	685.2	693.4	795.1	930.6	998.5	1117.7	1356.2	1535.1	1561.9
132.5°	639.9	672.8	705.7	714.0	807.3	931.7	993.9	1100.6	1314.1	1474.2	1498.2
135°	670.3	700.3	730.2	737.7	820.5	930.8	985.9	1075.3	1254.1	1388.2	1408.9
137.5°	701.4	731.1	760.8	768.2	840.3	936.5	984.6	1060.1	1211.3	1324.7	1341.6
140°	727.2	754.5	781.9	788.7	852.4	937.5	980.0	1045.2	1175.8	1273.7	1289.6
142.5°	747.0	772.3	797.6	803.9	862.6	940.9	980.0	1037.3	1152.0	1238.0	1251.7
145°	777.4	799.5	821.6	827.1	875.9	940.9	973.3	1020.3	1114.1	1184.5	1194.8
147.5°	808.0	829.4	850.9	856.3	895.3	947.3	973.3	1010.2	1084.1	1139.5	1148.0
150°	827.8	847.2	866.6	871.4	905.4	950.7	973.3	1004.5	1066.9	1113.6	1120.6
152.5°	848.3	863.0	877.7	881.4	912.1	952.9	973.3	999.9	1053.2	1093.1	1098.3
155°	878.8	889.7	900.5	903.2	926.6	957.7	973.3	994.5	1036.9	1068.7	1072.2
157.5°	901.2	911.8	922.4	925.0	941.1	962.6	973.3	989.8	1022.7	1047.4	1049.8
160°	916.4	924.7	932.9	935.0	947.8	964.8	973.3	987.5	1015.7	1036.9	1038.2
162.5°	931.7	937.8	944.0	945.5	954.8	967.2	973.3	985.3	1009.0	1026.9	1028.3
165°	948.2	953.8	959.4	960.8	965.0	970.5	973.3	981.8	999.0	1011.8	1013.1
167.5°	963.4	966.1	968.7	969.4	972.9	977.6	980.0	985.6	996.8	1005.1	1005.7
170°	973.3	976.0	978.6	979.3	979.5	979.8	980.0	985.6	996.8	1005.1	1005.1
172.5°	978.6	979.2	979.8	980.0	980.0	980.0	980.0	984.4	993.2	999.8	999.3
175°	985.9	985.9	985.9	985.9	984.0	981.3	980.0	982.8	988.4	992.6	992.6
177.5°	985.9	985.9	985.9	985.9	984.4	982.3	981.2	983.5	987.9	991.2	990.6
180°	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9



TEST NUMBER: P935571

CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8
2.5°	1385.4	1381.5	1385.4	1382.8	1384.1	1380.2	1368.7	1364.9	1368.7	1372.6	1372.6
5°	1402.0	1399.4	1402.0	1402.0	1400.7	1398.1	1385.4	1382.8	1385.4	1386.6	1384.1
7.5°	1407.1	1403.2	1407.1	1404.5	1404.5	1402.0	1389.2	1386.6	1387.9	1391.7	1387.9
10°	1407.1	1403.2	1407.1	1405.8	1404.5	1402.0	1389.2	1384.1	1384.1	1387.9	1384.1
12.5°	1400.7	1398.1	1400.7	1398.1	1398.1	1395.6	1382.8	1377.7	1379.0	1380.2	1375.1
15°	1390.5	1386.6	1390.5	1387.9	1389.2	1385.4	1371.3	1366.2	1366.2	1368.7	1359.8
17.5°	1375.1	1370.0	1375.1	1373.8	1372.6	1370.0	1357.2	1352.1	1350.8	1352.1	1345.7
20°	1357.2	1353.4	1357.2	1356.0	1356.0	1350.8	1338.1	1331.7	1331.7	1331.7	1325.3
22.5°	1329.1	1325.3	1329.1	1331.7	1331.7	1330.4	1318.9	1310.0	1307.4	1307.4	1299.7
25°	1297.2	1293.3	1297.2	1297.2	1295.9	1297.2	1293.3	1288.2	1284.4	1280.6	1272.9
27.5°	1266.5	1263.9	1266.5	1263.9	1266.5	1262.7	1261.4	1260.1	1255.0	1251.2	1240.9
30°	1235.8	1233.3	1235.8	1233.3	1230.7	1228.2	1221.8	1219.2	1224.3	1221.8	1205.2
32.5°	1197.5	1194.9	1197.5	1197.5	1194.9	1194.9	1184.7	1180.9	1182.1	1189.8	1174.5
35°	1157.9	1154.0	1157.9	1156.6	1157.9	1154.0	1147.6	1146.4	1141.3	1150.2	1138.7
37.5°	1111.9	1108.0	1111.9	1111.9	1111.9	1114.4	1109.3	1105.5	1097.8	1109.3	1100.4
40°	1064.6	1059.5	1064.6	1063.3	1064.6	1067.1	1064.6	1062.0	1054.4	1063.3	1055.6
42.5°	1010.9	1009.6	1010.9	1012.2	1012.2	1017.3	1021.1	1016.0	1013.5	1007.1	1012.2
45°	953.4	950.8	953.4	955.9	957.2	959.8	971.3	971.3	967.4	957.2	964.9
47.5°	892.0	885.7	892.0	899.7	899.7	903.5	915.0	924.0	917.6	904.8	908.7
50°	826.9	828.1	826.9	832.0	832.0	846.0	855.0	863.9	870.3	855.0	837.1
52.5°	763.0	761.7	763.0	766.8	771.9	778.3	793.6	802.6	812.8	803.9	775.7
55°	699.1	701.6	699.1	700.3	702.9	706.7	729.7	738.7	757.9	746.4	717.0
57.5°	635.2	631.3	635.2	637.7	639.0	642.8	662.0	678.6	690.1	691.4	655.6
60°	561.0	555.9	561.0	572.5	575.1	577.7	595.5	610.9	621.1	624.9	587.9
62.5°	495.9	486.9	495.9	503.5	508.6	515.0	527.8	550.8	559.8	561.0	508.6
65°	426.9	423.0	426.9	442.2	443.5	451.1	465.2	481.8	501.0	498.4	423.0
67.5°	364.2	364.2	364.2	374.5	382.1	386.0	403.8	411.5	435.8	438.4	352.7
70°	306.7	305.4	306.7	314.4	319.5	328.4	345.1	354.0	373.2	379.6	286.3
72.5°	251.8	250.5	251.8	258.2	263.3	270.9	285.0	295.2	311.8	319.5	222.4
75°	203.2	200.6	203.2	208.3	207.0	217.3	228.8	239.0	254.3	259.4	164.9
77.5°	155.9	155.9	155.9	161.0	161.0	171.3	176.4	189.1	198.1	205.8	121.4
80°	116.3	115.0	116.3	117.6	117.6	122.7	131.6	140.6	148.2	148.2	83.1
82.5°	81.8	79.2	81.8	81.8	81.8	84.3	89.5	92.0	97.1	101.0	52.4
85°	51.1	51.1	51.1	52.4	51.1	53.7	55.0	57.5	57.5	55.0	32.0
87.5°	33.2	32.0	33.2	32.0	32.0	30.7	30.7	30.7	29.4	28.1	17.9
90°	25.1	25.1	25.1	25.1	25.1	33.5	44.6	50.3	43.2	29.1	18.5
92.5°	100.7	80.7	100.7	120.7	125.8	178.2	248.2	283.2	248.6	179.5	127.7
95°	351.0	290.4	351.0	411.6	426.8	560.4	738.7	827.8	699.2	441.8	248.8
97.5°	841.2	725.9	841.2	956.5	985.3	1069.8	1182.4	1238.7	1024.2	595.0	273.2
100°	1212.0	1074.6	1212.0	1349.2	1383.6	1377.4	1369.2	1365.1	1127.0	650.8	293.8
102.5°	1576.6	1459.0	1576.6	1694.3	1723.7	1616.1	1472.5	1400.8	1159.3	676.5	314.3
105°	2041.6	1978.4	2041.6	2104.9	2120.7	1879.4	1557.7	1396.9	1163.1	695.4	344.7
107.5°	2346.2	2361.6	2346.2	2331.0	2327.2	1990.6	1541.9	1317.4	1111.3	699.0	389.7
110°	2462.5	2528.3	2462.5	2396.6	2380.1	2003.8	1502.1	1251.2	1065.3	693.6	414.8



TEST NUMBER: P935571
 CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2472.8	2574.0	2472.8	2371.6	2346.3	1961.2	1447.7	1191.0	1025.3	693.9	445.3
115°	2407.2	2547.5	2407.2	2267.0	2231.9	1860.9	1366.3	1118.9	979.4	700.3	491.0
117.5°	2268.2	2423.8	2268.2	2112.6	2073.8	1738.9	1292.5	1069.3	950.6	713.3	535.3
120°	2156.2	2307.3	2156.2	2005.0	1967.2	1661.2	1253.4	1049.4	940.9	723.9	561.1
122.5°	2047.0	2196.1	2047.0	1897.9	1860.7	1585.2	1217.9	1034.2	935.8	739.1	591.5
125°	1891.4	2028.8	1891.4	1754.1	1719.8	1485.7	1173.7	1017.7	931.7	759.6	630.6
127.5°	1751.5	1867.3	1751.5	1635.6	1606.6	1405.7	1137.8	1003.8	929.3	780.2	668.3
130°	1669.0	1776.0	1669.0	1561.9	1535.1	1356.2	1117.7	998.5	930.6	795.1	693.4
132.5°	1594.1	1689.9	1594.1	1498.2	1474.2	1314.1	1100.6	993.9	931.7	807.3	714.0
135°	1491.5	1574.2	1491.5	1408.9	1388.2	1254.1	1075.3	985.9	930.8	820.5	737.7
137.5°	1409.2	1476.9	1409.2	1341.6	1324.7	1211.3	1060.1	984.6	936.5	840.3	768.2
140°	1352.8	1416.0	1352.8	1289.6	1273.7	1175.8	1045.2	980.0	937.5	852.4	788.7
142.5°	1306.0	1360.5	1306.0	1251.7	1238.0	1152.0	1037.3	980.0	940.9	862.6	803.9
145°	1235.9	1277.1	1235.9	1194.8	1184.5	1114.1	1020.3	973.3	940.9	875.9	827.1
147.5°	1182.1	1216.2	1182.1	1148.0	1139.5	1084.1	1010.2	973.3	947.3	895.3	856.3
150°	1148.2	1175.8	1148.2	1120.6	1113.6	1066.9	1004.5	973.3	950.7	905.4	871.4
152.5°	1119.2	1140.1	1119.2	1098.3	1093.1	1053.2	999.9	973.3	952.9	912.1	881.4
155°	1086.0	1099.8	1086.0	1072.2	1068.7	1036.9	994.5	973.3	957.7	926.6	903.2
157.5°	1059.5	1069.3	1059.5	1049.8	1047.4	1022.7	989.8	973.3	962.6	941.1	925.0
160°	1043.9	1049.4	1043.9	1038.2	1036.9	1015.7	987.5	973.3	964.8	947.8	935.0
162.5°	1033.6	1038.8	1033.6	1028.3	1026.9	1009.0	985.3	973.3	967.2	954.8	945.5
165°	1018.7	1024.3	1018.7	1013.1	1011.8	999.0	981.8	973.3	970.5	965.0	960.8
167.5°	1008.0	1010.4	1008.0	1005.7	1005.1	996.8	985.6	980.0	977.6	972.9	969.4
170°	1005.1	1005.1	1005.1	1005.1	1005.1	996.8	985.6	980.0	979.8	979.5	979.3
172.5°	997.3	995.2	997.3	999.3	999.8	993.2	984.4	980.0	980.0	980.0	980.0
175°	992.6	992.6	992.6	992.6	992.6	988.4	982.8	980.0	981.3	984.0	985.9
177.5°	988.3	985.9	988.3	990.6	991.2	987.9	983.5	981.2	982.3	984.4	985.9
180°	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9



TEST NUMBER: P935571

CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8
2.5°	1370.0	1362.3	1362.3	1349.6	1344.5	1340.6	1334.2	1315.1	1310.0	1304.8	1312.5
5°	1381.5	1367.5	1357.2	1334.2	1315.1	1307.4	1283.1	1237.1	1206.4	1183.4	1170.6
7.5°	1384.1	1366.2	1347.0	1311.2	1265.2	1244.8	1170.6	1086.3	1063.3	1042.8	1030.1
10°	1381.5	1361.1	1334.2	1280.6	1171.9	1136.1	1062.0	1007.1	993.0	989.2	993.0
12.5°	1372.6	1353.4	1316.3	1226.9	1074.8	1050.5	1007.1	975.1	972.6	978.9	1013.5
15°	1357.2	1339.3	1295.9	1155.3	1021.1	1003.2	972.6	961.1	975.1	1019.8	1123.4
17.5°	1341.9	1321.5	1267.8	1085.0	980.2	967.4	945.7	968.7	1048.0	1108.0	1142.5
20°	1321.5	1297.2	1235.8	1033.9	950.8	939.3	929.1	1032.6	1092.7	1114.4	1133.6
22.5°	1297.2	1271.6	1192.4	998.1	920.2	911.2	917.6	1068.4	1092.7	1108.0	1124.6
25°	1265.2	1243.5	1141.3	970.0	895.9	885.7	909.9	1064.6	1078.6	1082.5	1115.7
27.5°	1235.8	1207.7	1087.6	944.4	866.5	862.6	916.3	1048.0	1058.2	1062.0	1097.8
30°	1200.0	1157.9	1027.5	917.6	835.8	834.5	917.6	1027.5	1025.0	1035.2	1071.0
32.5°	1163.0	1083.7	959.8	884.4	806.4	805.1	908.7	996.8	994.3	1008.3	1035.2
35°	1128.5	1026.2	867.8	846.0	769.4	770.6	886.9	961.1	962.3	975.1	991.7
37.5°	1092.7	976.4	766.8	803.9	733.6	733.6	857.5	927.8	925.3	929.1	952.1
40°	1050.5	898.4	677.3	748.9	700.3	696.5	821.8	892.0	883.1	881.8	913.8
42.5°	1005.8	812.8	610.9	676.1	662.0	656.9	778.3	848.6	832.0	835.8	876.7
45°	957.2	789.8	559.8	571.3	622.4	618.6	731.0	798.8	787.2	797.5	839.6
47.5°	908.7	743.8	543.2	474.1	580.2	578.9	678.6	750.2	743.8	754.0	798.8
50°	842.2	692.7	541.9	406.4	532.9	538.0	616.0	702.9	702.9	711.8	759.1
52.5°	756.6	630.1	492.0	368.1	478.0	493.3	561.0	662.0	664.6	673.5	715.7
55°	678.6	564.9	456.2	338.7	412.8	446.0	507.4	619.8	624.9	633.9	672.2
57.5°	607.0	470.3	448.6	304.2	352.7	384.7	460.1	578.9	581.5	589.2	626.2
60°	530.4	339.9	411.5	267.1	300.3	324.6	416.6	530.4	539.3	544.4	576.4
62.5°	443.5	246.7	373.2	241.5	274.8	279.9	380.8	484.4	495.9	499.7	518.9
65°	315.7	207.0	316.9	219.8	247.9	249.2	342.5	437.1	447.3	453.7	467.7
67.5°	213.4	168.7	241.5	199.4	227.5	228.8	305.4	382.1	396.2	401.3	410.2
70°	148.2	112.5	178.9	177.6	204.5	207.0	265.8	332.3	345.1	348.9	354.0
72.5°	108.6	90.7	148.2	159.8	180.2	182.8	224.9	276.0	288.8	292.7	295.2
75°	83.1	95.8	120.1	139.3	153.4	154.6	184.0	224.9	233.9	236.4	237.7
77.5°	66.5	89.5	88.2	112.5	125.2	122.7	144.4	173.8	181.5	181.5	181.5
80°	49.8	70.3	66.5	80.5	92.0	89.5	103.5	124.0	126.5	129.1	127.8
82.5°	37.1	44.7	44.7	51.1	61.3	58.8	69.0	80.5	80.5	80.5	83.1
85°	23.0	25.6	20.4	26.8	34.5	33.2	38.3	43.5	44.7	44.7	42.2
87.5°	14.1	11.5	6.4	10.2	15.3	15.3	17.9	19.2	17.9	17.9	17.9
90°	17.2	11.9	6.6	11.9	17.2	18.5	29.1	43.2	50.3	44.6	33.5
92.5°	116.5	71.5	26.5	71.5	116.5	127.7	179.5	248.6	283.2	248.2	178.2
95°	228.2	145.9	63.6	145.9	228.2	248.8	441.8	699.2	827.8	738.7	560.4
97.5°	255.1	182.4	109.8	182.4	255.1	273.2	595.0	1024.2	1238.7	1182.4	1069.8
100°	277.3	211.5	145.6	211.5	277.3	293.8	650.8	1127.0	1365.1	1369.2	1377.4
102.5°	299.0	237.5	176.0	237.5	299.0	314.3	676.5	1159.3	1400.8	1472.5	1616.1
105°	331.7	279.7	227.7	279.7	331.7	344.7	695.4	1163.1	1396.9	1557.7	1879.4
107.5°	377.6	329.0	280.6	329.0	377.6	389.7	699.0	1111.3	1317.4	1541.9	1990.6
110°	403.8	360.1	316.3	360.1	403.8	414.8	693.6	1065.3	1251.2	1502.1	2003.8



TEST NUMBER: P935571

CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	434.9	393.1	351.4	393.1	434.9	445.3	693.9	1025.3	1191.0	1447.7	1961.2
115°	481.4	442.8	404.3	442.8	481.4	491.0	700.3	979.4	1118.9	1366.3	1860.9
117.5°	526.5	491.6	456.6	491.6	526.5	535.3	713.3	950.6	1069.3	1292.5	1738.9
120°	552.9	520.0	487.0	520.0	552.9	561.1	723.9	940.9	1049.4	1253.4	1661.2
122.5°	583.3	550.1	516.8	550.1	583.3	591.5	739.1	935.8	1034.2	1217.9	1585.2
125°	623.0	592.7	562.4	592.7	623.0	630.6	759.6	931.7	1017.7	1173.7	1485.7
127.5°	660.6	630.1	599.5	630.1	660.6	668.3	780.2	929.3	1003.8	1137.8	1405.7
130°	685.2	652.3	619.3	652.3	685.2	693.4	795.1	930.6	998.5	1117.7	1356.2
132.5°	705.7	672.8	639.9	672.8	705.7	714.0	807.3	931.7	993.9	1100.6	1314.1
135°	730.2	700.3	670.3	700.3	730.2	737.7	820.5	930.8	985.9	1075.3	1254.1
137.5°	760.8	731.1	701.4	731.1	760.8	768.2	840.3	936.5	984.6	1060.1	1211.3
140°	781.9	754.5	727.2	754.5	781.9	788.7	852.4	937.5	980.0	1045.2	1175.8
142.5°	797.6	772.3	747.0	772.3	797.6	803.9	862.6	940.9	980.0	1037.3	1152.0
145°	821.6	799.5	777.4	799.5	821.6	827.1	875.9	940.9	973.3	1020.3	1114.1
147.5°	850.9	829.4	808.0	829.4	850.9	856.3	895.3	947.3	973.3	1010.2	1084.1
150°	866.6	847.2	827.8	847.2	866.6	871.4	905.4	950.7	973.3	1004.5	1066.9
152.5°	877.7	863.0	848.3	863.0	877.7	881.4	912.1	952.9	973.3	999.9	1053.2
155°	900.5	889.7	878.8	889.7	900.5	903.2	926.6	957.7	973.3	994.5	1036.9
157.5°	922.4	911.8	901.2	911.8	922.4	925.0	941.1	962.6	973.3	989.8	1022.7
160°	932.9	924.7	916.4	924.7	932.9	935.0	947.8	964.8	973.3	987.5	1015.7
162.5°	944.0	937.8	931.7	937.8	944.0	945.5	954.8	967.2	973.3	985.3	1009.0
165°	959.4	953.8	948.2	953.8	959.4	960.8	965.0	970.5	973.3	981.8	999.0
167.5°	968.7	966.1	963.4	966.1	968.7	969.4	972.9	977.6	980.0	985.6	996.8
170°	978.6	976.0	973.3	976.0	978.6	979.3	979.5	979.8	980.0	985.6	996.8
172.5°	979.8	979.2	978.6	979.2	979.8	980.0	980.0	980.0	980.0	984.4	993.2
175°	985.9	985.9	985.9	985.9	985.9	985.9	984.0	981.3	980.0	982.8	988.4
177.5°	985.9	985.9	985.9	985.9	985.9	985.9	984.4	982.3	981.2	983.5	987.9
180°	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9



TEST NUMBER: P935571
 CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8	1350.8
2.5°	1303.6	1299.7	1304.8	1290.8	1304.8	1299.7	1303.6	1312.5	1304.8	1310.0	1315.1
5°	1143.8	1137.4	1117.0	1100.4	1117.0	1137.4	1143.8	1170.6	1183.4	1206.4	1237.1
7.5°	1022.4	1017.3	1012.2	1002.0	1012.2	1017.3	1022.4	1030.1	1042.8	1063.3	1086.3
10°	995.6	996.8	1004.5	1003.2	1004.5	996.8	995.6	993.0	989.2	993.0	1007.1
12.5°	1064.6	1076.1	1118.2	1115.7	1118.2	1076.1	1064.6	1013.5	978.9	972.6	975.1
15°	1143.8	1147.6	1156.6	1157.9	1156.6	1147.6	1143.8	1123.4	1019.8	975.1	961.1
17.5°	1151.5	1152.8	1159.1	1159.1	1159.1	1152.8	1151.5	1142.5	1108.0	1048.0	968.7
20°	1145.1	1147.6	1160.4	1163.0	1160.4	1147.6	1145.1	1133.6	1114.4	1092.7	1032.6
22.5°	1142.5	1147.6	1157.9	1156.6	1157.9	1147.6	1142.5	1124.6	1108.0	1092.7	1068.4
25°	1129.8	1129.8	1131.0	1132.3	1131.0	1129.8	1129.8	1115.7	1082.5	1078.6	1064.6
27.5°	1102.9	1105.5	1113.1	1111.9	1113.1	1105.5	1102.9	1097.8	1062.0	1058.2	1048.0
30°	1078.6	1076.1	1069.7	1064.6	1069.7	1076.1	1078.6	1071.0	1035.2	1025.0	1027.5
32.5°	1037.7	1031.3	1025.0	1021.1	1025.0	1031.3	1037.7	1035.2	1008.3	994.3	996.8
35°	989.2	990.4	989.2	985.3	989.2	990.4	989.2	991.7	975.1	962.3	961.1
37.5°	954.7	957.2	955.9	950.8	955.9	957.2	954.7	952.1	929.1	925.3	927.8
40°	918.9	920.2	918.9	915.0	918.9	920.2	918.9	913.8	881.8	883.1	892.0
42.5°	884.4	883.1	879.3	876.7	879.3	883.1	884.4	876.7	835.8	832.0	848.6
45°	844.8	846.0	838.4	834.5	838.4	846.0	844.8	839.6	797.5	787.2	798.8
47.5°	805.1	805.1	798.8	794.9	798.8	805.1	805.1	798.8	754.0	743.8	750.2
50°	763.0	761.7	752.7	751.5	752.7	761.7	763.0	759.1	711.8	702.9	702.9
52.5°	714.4	714.4	715.7	718.2	715.7	714.4	714.4	715.7	673.5	664.6	662.0
55°	672.2	673.5	682.5	685.0	682.5	673.5	672.2	672.2	633.9	624.9	619.8
57.5°	628.8	628.8	635.2	635.2	635.2	628.8	628.8	626.2	589.2	581.5	578.9
60°	578.9	581.5	586.6	585.3	586.6	581.5	578.9	576.4	544.4	539.3	530.4
62.5°	526.5	529.1	530.4	527.8	530.4	529.1	526.5	518.9	499.7	495.9	484.4
65°	471.6	474.1	475.4	472.9	475.4	474.1	471.6	467.7	453.7	447.3	437.1
67.5°	415.4	414.1	412.8	417.9	412.8	414.1	415.4	410.2	401.3	396.2	382.1
70°	357.8	357.8	356.6	359.1	356.6	357.8	357.8	354.0	348.9	345.1	332.3
72.5°	296.5	295.2	300.3	296.5	300.3	295.2	296.5	295.2	292.7	288.8	276.0
75°	236.4	239.0	236.4	240.3	236.4	239.0	236.4	237.7	236.4	233.9	224.9
77.5°	180.2	182.8	180.2	180.2	180.2	182.8	180.2	181.5	181.5	181.5	173.8
80°	127.8	126.5	126.5	125.2	126.5	126.5	127.8	127.8	129.1	126.5	124.0
82.5°	81.8	80.5	80.5	83.1	80.5	80.5	81.8	83.1	80.5	80.5	80.5
85°	44.7	46.0	43.5	43.5	43.5	46.0	44.7	42.2	44.7	44.7	43.5
87.5°	16.6	15.3	15.3	15.3	15.3	15.3	16.6	17.9	17.9	17.9	19.2
90°	25.1	25.1	25.1	25.1	25.1	25.1	25.1	33.5	44.6	50.3	43.2
92.5°	125.8	120.7	100.7	80.7	100.7	120.7	125.8	178.2	248.2	283.2	248.6
95°	426.8	411.6	351.0	290.4	351.0	411.6	426.8	560.4	738.7	827.8	699.2
97.5°	985.3	956.5	841.2	725.9	841.2	956.5	985.3	1069.8	1182.4	1238.7	1024.2
100°	1383.6	1349.2	1212.0	1074.6	1212.0	1349.2	1383.6	1377.4	1369.2	1365.1	1127.0
102.5°	1723.7	1694.3	1576.6	1459.0	1576.6	1694.3	1723.7	1616.1	1472.5	1400.8	1159.3
105°	2120.7	2104.9	2041.6	1978.4	2041.6	2104.9	2120.7	1879.4	1557.7	1396.9	1163.1
107.5°	2327.2	2331.0	2346.2	2361.6	2346.2	2331.0	2327.2	1990.6	1541.9	1317.4	1111.3
110°	2380.1	2396.6	2462.5	2528.3	2462.5	2396.6	2380.1	2003.8	1502.1	1251.2	1065.3



TEST NUMBER: P935571

CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2346.3	2371.6	2472.8	2574.0	2472.8	2371.6	2346.3	1961.2	1447.7	1191.0	1025.3
115°	2231.9	2267.0	2407.2	2547.5	2407.2	2267.0	2231.9	1860.9	1366.3	1118.9	979.4
117.5°	2073.8	2112.6	2268.2	2423.8	2268.2	2112.6	2073.8	1738.9	1292.5	1069.3	950.6
120°	1967.2	2005.0	2156.2	2307.3	2156.2	2005.0	1967.2	1661.2	1253.4	1049.4	940.9
122.5°	1860.7	1897.9	2047.0	2196.1	2047.0	1897.9	1860.7	1585.2	1217.9	1034.2	935.8
125°	1719.8	1754.1	1891.4	2028.8	1891.4	1754.1	1719.8	1485.7	1173.7	1017.7	931.7
127.5°	1606.6	1635.6	1751.5	1867.3	1751.5	1635.6	1606.6	1405.7	1137.8	1003.8	929.3
130°	1535.1	1561.9	1669.0	1776.0	1669.0	1561.9	1535.1	1356.2	1117.7	998.5	930.6
132.5°	1474.2	1498.2	1594.1	1689.9	1594.1	1498.2	1474.2	1314.1	1100.6	993.9	931.7
135°	1388.2	1408.9	1491.5	1574.2	1491.5	1408.9	1388.2	1254.1	1075.3	985.9	930.8
137.5°	1324.7	1341.6	1409.2	1476.9	1409.2	1341.6	1324.7	1211.3	1060.1	984.6	936.5
140°	1273.7	1289.6	1352.8	1416.0	1352.8	1289.6	1273.7	1175.8	1045.2	980.0	937.5
142.5°	1238.0	1251.7	1306.0	1360.5	1306.0	1251.7	1238.0	1152.0	1037.3	980.0	940.9
145°	1184.5	1194.8	1235.9	1277.1	1235.9	1194.8	1184.5	1114.1	1020.3	973.3	940.9
147.5°	1139.5	1148.0	1182.1	1216.2	1182.1	1148.0	1139.5	1084.1	1010.2	973.3	947.3
150°	1113.6	1120.6	1148.2	1175.8	1148.2	1120.6	1113.6	1066.9	1004.5	973.3	950.7
152.5°	1093.1	1098.3	1119.2	1140.1	1119.2	1098.3	1093.1	1053.2	999.9	973.3	952.9
155°	1068.7	1072.2	1086.0	1099.8	1086.0	1072.2	1068.7	1036.9	994.5	973.3	957.7
157.5°	1047.4	1049.8	1059.5	1069.3	1059.5	1049.8	1047.4	1022.7	989.8	973.3	962.6
160°	1036.9	1038.2	1043.9	1049.4	1043.9	1038.2	1036.9	1015.7	987.5	973.3	964.8
162.5°	1026.9	1028.3	1033.6	1038.8	1033.6	1028.3	1026.9	1009.0	985.3	973.3	967.2
165°	1011.8	1013.1	1018.7	1024.3	1018.7	1013.1	1011.8	999.0	981.8	973.3	970.5
167.5°	1005.1	1005.7	1008.0	1010.4	1008.0	1005.7	1005.1	996.8	985.6	980.0	977.6
170°	1005.1	1005.1	1005.1	1005.1	1005.1	1005.1	1005.1	996.8	985.6	980.0	979.8
172.5°	999.8	999.3	997.3	995.2	997.3	999.3	999.8	993.2	984.4	980.0	980.0
175°	992.6	992.6	992.6	992.6	992.6	992.6	992.6	988.4	982.8	980.0	981.3
177.5°	991.2	990.6	988.3	985.9	988.3	990.6	991.2	987.9	983.5	981.2	982.3
180°	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9



TEST NUMBER: P935571
 CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1350.8	1350.8	1350.8	1350.8	1350.8
2.5°	1334.2	1340.6	1344.5	1349.6	1362.3
5°	1283.1	1307.4	1315.1	1334.2	1357.2
7.5°	1170.6	1244.8	1265.2	1311.2	1347.0
10°	1062.0	1136.1	1171.9	1280.6	1334.2
12.5°	1007.1	1050.5	1074.8	1226.9	1316.3
15°	972.6	1003.2	1021.1	1155.3	1295.9
17.5°	945.7	967.4	980.2	1085.0	1267.8
20°	929.1	939.3	950.8	1033.9	1235.8
22.5°	917.6	911.2	920.2	998.1	1192.4
25°	909.9	885.7	895.9	970.0	1141.3
27.5°	916.3	862.6	866.5	944.4	1087.6
30°	917.6	834.5	835.8	917.6	1027.5
32.5°	908.7	805.1	806.4	884.4	959.8
35°	886.9	770.6	769.4	846.0	867.8
37.5°	857.5	733.6	733.6	803.9	766.8
40°	821.8	696.5	700.3	748.9	677.3
42.5°	778.3	656.9	662.0	676.1	610.9
45°	731.0	618.6	622.4	571.3	559.8
47.5°	678.6	578.9	580.2	474.1	543.2
50°	616.0	538.0	532.9	406.4	541.9
52.5°	561.0	493.3	478.0	368.1	492.0
55°	507.4	446.0	412.8	338.7	456.2
57.5°	460.1	384.7	352.7	304.2	448.6
60°	416.6	324.6	300.3	267.1	411.5
62.5°	380.8	279.9	274.8	241.5	373.2
65°	342.5	249.2	247.9	219.8	316.9
67.5°	305.4	228.8	227.5	199.4	241.5
70°	265.8	207.0	204.5	177.6	178.9
72.5°	224.9	182.8	180.2	159.8	148.2
75°	184.0	154.6	153.4	139.3	120.1
77.5°	144.4	122.7	125.2	112.5	88.2
80°	103.5	89.5	92.0	80.5	66.5
82.5°	69.0	58.8	61.3	51.1	44.7
85°	38.3	33.2	34.5	26.8	20.4
87.5°	17.9	15.3	15.3	10.2	6.4
90°	29.1	18.5	17.2	11.9	6.6
92.5°	179.5	127.7	116.5	71.5	26.5
95°	441.8	248.8	228.2	145.9	63.6
97.5°	595.0	273.2	255.1	182.4	109.8
100°	650.8	293.8	277.3	211.5	145.6
102.5°	676.5	314.3	299.0	237.5	176.0
105°	695.4	344.7	331.7	279.7	227.7
107.5°	699.0	389.7	377.6	329.0	280.6
110°	693.6	414.8	403.8	360.1	316.3



TEST NUMBER: P935571

CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	693.9	445.3	434.9	393.1	351.4
115°	700.3	491.0	481.4	442.8	404.3
117.5°	713.3	535.3	526.5	491.6	456.6
120°	723.9	561.1	552.9	520.0	487.0
122.5°	739.1	591.5	583.3	550.1	516.8
125°	759.6	630.6	623.0	592.7	562.4
127.5°	780.2	668.3	660.6	630.1	599.5
130°	795.1	693.4	685.2	652.3	619.3
132.5°	807.3	714.0	705.7	672.8	639.9
135°	820.5	737.7	730.2	700.3	670.3
137.5°	840.3	768.2	760.8	731.1	701.4
140°	852.4	788.7	781.9	754.5	727.2
142.5°	862.6	803.9	797.6	772.3	747.0
145°	875.9	827.1	821.6	799.5	777.4
147.5°	895.3	856.3	850.9	829.4	808.0
150°	905.4	871.4	866.6	847.2	827.8
152.5°	912.1	881.4	877.7	863.0	848.3
155°	926.6	903.2	900.5	889.7	878.8
157.5°	941.1	925.0	922.4	911.8	901.2
160°	947.8	935.0	932.9	924.7	916.4
162.5°	954.8	945.5	944.0	937.8	931.7
165°	965.0	960.8	959.4	953.8	948.2
167.5°	972.9	969.4	968.7	966.1	963.4
170°	979.5	979.3	978.6	976.0	973.3
172.5°	980.0	980.0	979.8	979.2	978.6
175°	984.0	985.9	985.9	985.9	985.9
177.5°	984.4	985.9	985.9	985.9	985.9
180°	985.9	985.9	985.9	985.9	985.9



TEST NUMBER: P935571
 CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-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	10.66	11.40	11.73	12.47	13.94	13.48	14.22	14.55	15.30	16.76
	3H	11.12	11.79	12.21	12.87	14.36	14.82	15.48	15.90	16.56	18.05
	4H	11.31	11.94	12.40	13.03	14.52	15.25	15.88	16.35	16.97	18.46
	6H	11.42	12.00	12.53	13.09	14.59	15.53	16.11	16.63	17.20	18.70
	8H	11.42	11.97	12.53	13.08	14.57	15.60	16.15	16.71	17.26	18.75
	12H	11.39	11.91	12.50	13.01	14.53	15.63	16.16	16.75	17.26	18.78
4H	2H	11.67	12.30	12.77	13.39	14.88	13.88	14.51	14.98	15.59	17.08
	3H	12.69	13.22	13.80	14.33	15.83	15.37	15.90	16.48	17.01	18.51
	4H	12.96	13.44	14.07	14.54	16.07	15.89	16.37	17.00	17.47	19.00
	6H	13.08	13.49	14.20	14.62	16.13	16.25	16.66	17.37	17.79	19.30
	8H	13.08	13.47	14.20	14.58	16.12	16.35	16.74	17.47	17.85	19.38
	12H	13.04	13.39	14.18	14.52	16.06	16.40	16.75	17.54	17.88	19.42
8H	4H	13.40	13.79	14.52	14.91	16.44	16.01	16.39	17.12	17.51	19.04
	6H	13.66	13.98	14.80	15.14	16.67	16.44	16.76	17.58	17.91	19.44
	8H	13.70	13.98	14.85	15.12	16.67	16.59	16.87	17.73	18.00	19.55
	12H	13.68	13.93	14.83	15.06	16.64	16.68	16.92	17.83	18.06	19.64
12H	4H	13.40	13.75	14.54	14.88	16.42	15.96	16.31	17.10	17.44	18.98
	6H	13.72	14.00	14.87	15.14	16.69	16.43	16.71	17.58	17.85	19.40
	8H	13.78	14.03	14.93	15.16	16.75	16.59	16.83	17.74	17.97	19.55