

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: P935971

Luminaire Tested: SQ4-FA-150U-075D-935-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935971
REPORT IS A COMBINATION OF REPORTS P933775 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-075D-935-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

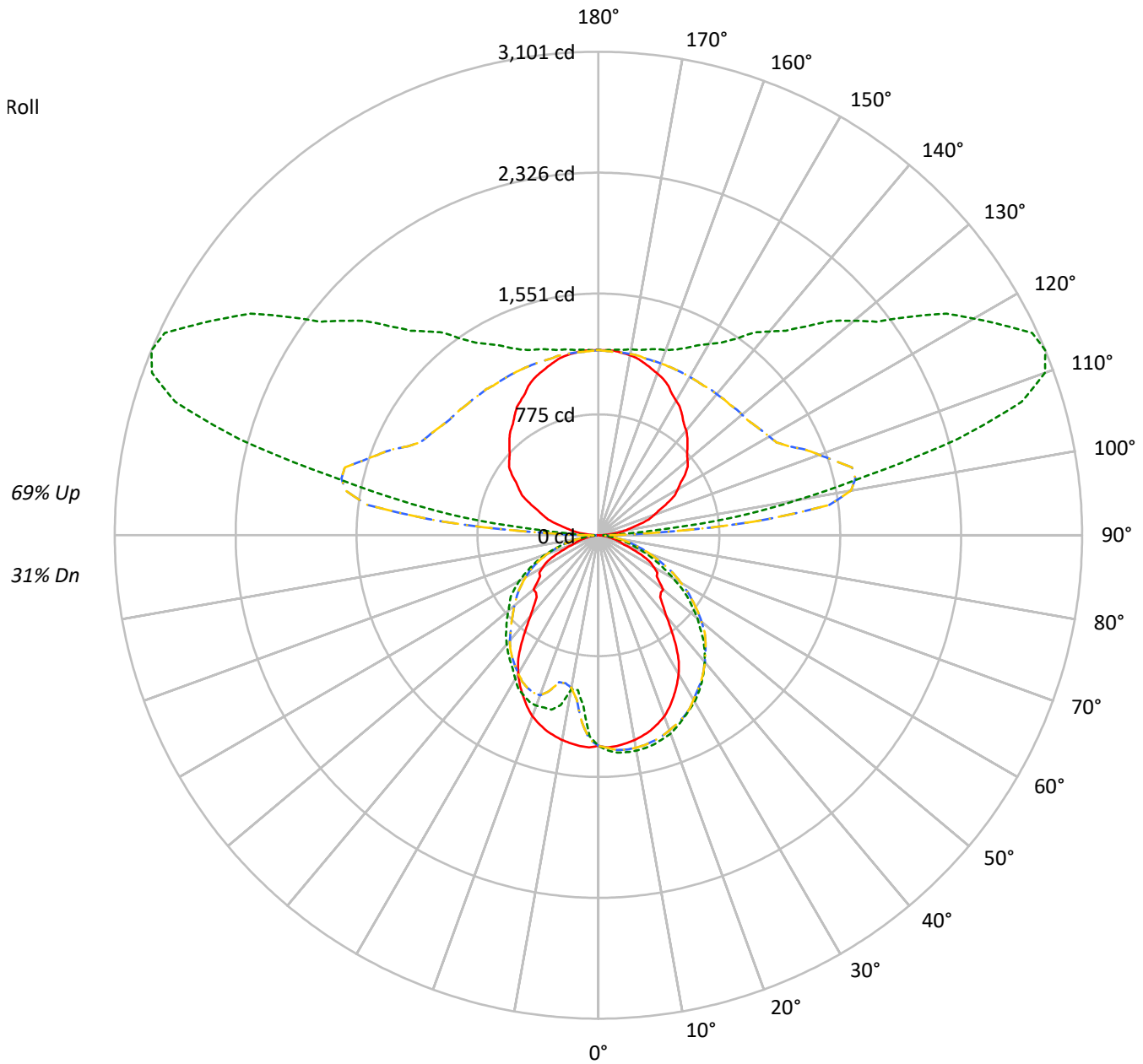
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11206.3 lumens
Efficiency: N/A
Efficacy: 117.5 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): 95.4
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: P935971
CATALOG NUMBER: SQ4-FA-150U-075D-935-1D-UNV-STD-W-6

Luminous Intensity Polar Plot



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



TEST NUMBER: P935971

CATALOG NUMBER: SQ4-FA-150U-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	103	103	103	103	92	92	92	92	73	73	73	55	55	55	39	39	39	39	39	39	31
1	94	89	86	82	84	81	77	75	64	62	60	49	47	46	34	34	33	34	34	33	26
2	85	78	72	67	76	70	65	61	56	52	49	43	40	38	30	29	28	30	29	28	22
3	78	69	61	56	70	62	56	51	49	45	42	38	35	32	27	25	24	27	25	24	19
4	71	61	53	47	64	55	48	43	44	39	35	33	30	28	24	22	20	24	22	20	16
5	65	54	46	40	58	49	42	37	39	34	30	30	27	24	22	19	18	22	19	18	14
6	60	48	40	35	54	44	37	32	35	30	26	27	23	21	19	17	15	19	17	15	12
7	55	43	36	30	49	39	33	28	32	27	23	24	21	18	18	15	14	18	15	14	11
8	51	39	32	27	46	36	29	24	29	24	20	22	19	16	16	14	12	16	14	12	10
9	47	36	28	23	43	32	26	22	26	21	18	20	17	14	15	13	11	15	13	11	9
10	44	33	26	21	40	30	23	19	24	19	16	19	15	13	14	12	10	14	12	10	8

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: P935971

CATALOG NUMBER: SQ4-FA-150U-075D-935-1D-UNV-STD-W-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.9	1.1
10°-20°	346.2	3.1
20°-30°	535.2	4.8
30°-40°	638.9	5.7
40°-50°	642.6	5.7
50°-60°	559.2	5.0
60°-70°	396.5	3.5
70°-80°	209.8	1.9
80°-90°	56.8	0.5
90°-100°	578.9	5.2
100°-110°	1522.0	13.6
110°-120°	1578.2	14.1
120°-130°	1265.9	11.3
130°-140°	993.3	8.9
140°-150°	762.4	6.8
150°-160°	549.0	4.9
160°-170°	335.9	3.0
170°-180°	113.5	1.0
0°-30°	1003.3	9.0
0°-40°	1642.2	14.7
0°-60°	2844.1	25.4
0°-90°	3507.0	31.3
90°-120°	3679.2	32.8
90°-150°	6700.8	59.8
90°-180°	7699.0	68.7
0°-180°	11206.3	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°	8	30	8	30	8	7
95°	76	350	76	350	76	85
105°	274	2383	274	2383	274	291
115°	487	3069	487	3069	487	481
125°	678	2444	678	2444	678	602
135°	807	1896	807	1896	807	625
145°	937	1538	937	1538	937	587
155°	1058	1325	1058	1325	1058	486
165°	1142	1234	1142	1234	1142	322
175°	1188	1196	1188	1196	1188	113
180°	1188	1188	1188	1188	1188	



TEST NUMBER: P935971

CATALOG NUMBER: SQ4-FA-150U-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°	8.0	14.4	20.7	22.3	35.1	52.1	60.6	53.8	40.4	30.3	30.3
92.5°	31.9	86.1	140.3	153.9	216.3	299.6	341.1	299.0	214.7	151.5	145.4
95°	76.5	175.7	274.9	299.7	532.2	842.2	997.2	889.8	675.1	514.1	495.9
97.5°	132.3	219.8	307.3	329.2	716.9	1233.8	1492.2	1424.4	1288.6	1186.9	1152.2
100°	175.3	254.7	334.1	353.9	784.1	1357.7	1644.4	1649.4	1659.4	1666.8	1625.4
102.5°	212.1	286.1	360.1	378.6	814.9	1396.6	1687.5	1773.9	1946.7	2076.4	2041.0
105°	274.2	336.9	399.6	415.3	837.8	1401.0	1682.7	1876.4	2264.0	2554.7	2535.6
107.5°	338.0	396.4	454.9	469.5	841.9	1338.7	1587.0	1857.4	2398.0	2803.4	2808.0
110°	381.0	433.8	486.6	499.8	835.6	1283.4	1507.3	1809.5	2413.9	2867.2	2887.0



TEST NUMBER: P935971

CATALOG NUMBER: SQ4-FA-150U-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°	423.3	473.5	523.8	536.4	835.9	1235.1	1434.8	1744.0	2362.6	2826.5	2857.0
115°	487.0	533.4	579.9	591.5	843.6	1179.8	1347.9	1645.8	2241.7	2688.6	2730.8
117.5°	550.0	592.1	634.3	644.9	859.3	1145.2	1288.1	1557.0	2094.7	2498.1	2544.9
120°	586.7	626.4	666.1	676.0	872.0	1133.5	1264.2	1509.9	2001.3	2369.8	2415.2
122.5°	622.6	662.6	702.6	712.6	890.3	1127.4	1245.9	1467.1	1909.6	2241.4	2286.3
125°	677.5	714.0	750.5	759.6	915.0	1122.3	1225.9	1413.9	1789.7	2071.6	2113.0
127.5°	722.2	759.0	795.9	805.1	939.8	1119.4	1209.2	1370.5	1693.3	1935.3	1970.2
130°	746.1	785.8	825.5	835.4	957.9	1121.2	1202.9	1346.5	1633.8	1849.3	1881.5
132.5°	770.8	810.5	850.2	860.1	972.5	1122.3	1197.2	1325.8	1583.0	1775.9	1804.8
135°	807.4	843.6	879.8	888.8	988.4	1121.2	1187.7	1295.4	1510.8	1672.3	1697.2
137.5°	844.9	880.7	916.5	925.4	1012.3	1128.1	1186.1	1277.1	1459.2	1595.8	1616.2
140°	876.0	909.0	941.9	950.2	1026.9	1129.3	1180.5	1259.2	1416.4	1534.5	1553.5
142.5°	899.9	930.4	960.9	968.5	1039.2	1133.4	1180.5	1249.6	1387.7	1491.3	1507.7
145°	936.6	963.2	989.8	996.4	1055.1	1133.4	1172.5	1229.0	1342.1	1426.8	1439.2
147.5°	973.2	999.1	1025.0	1031.4	1078.5	1141.2	1172.5	1217.0	1305.9	1372.6	1382.9
150°	997.2	1020.5	1043.9	1049.7	1090.6	1145.3	1172.5	1210.1	1285.2	1341.5	1349.8
152.5°	1021.9	1039.6	1057.3	1061.8	1098.7	1147.9	1172.5	1204.6	1268.7	1316.8	1323.1
155°	1058.5	1071.6	1084.8	1088.0	1116.2	1153.8	1172.5	1198.0	1249.0	1287.3	1291.5
157.5°	1085.6	1098.4	1111.2	1114.3	1133.8	1159.6	1172.5	1192.4	1232.1	1261.8	1264.7
160°	1104.0	1113.9	1123.8	1126.3	1141.7	1162.2	1172.5	1189.6	1223.6	1249.0	1250.7
162.5°	1122.3	1129.8	1137.2	1139.0	1150.2	1165.1	1172.5	1186.8	1215.5	1237.1	1238.7
165°	1142.3	1149.0	1155.7	1157.4	1162.4	1169.1	1172.5	1182.8	1203.4	1218.8	1220.5
167.5°	1160.6	1163.7	1167.0	1167.8	1172.0	1177.7	1180.5	1187.3	1200.7	1210.8	1211.5
170°	1172.5	1175.7	1178.9	1179.7	1179.9	1180.4	1180.5	1187.3	1200.7	1210.8	1210.8
172.5°	1178.9	1179.6	1180.4	1180.5	1180.5	1180.5	1180.5	1185.8	1196.5	1204.4	1203.8
175°	1187.7	1187.7	1187.7	1187.7	1185.3	1182.1	1180.5	1183.9	1190.6	1195.6	1195.6
177.5°	1187.7	1187.7	1187.7	1187.7	1185.8	1183.3	1182.1	1184.7	1190.1	1194.1	1193.4
180°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7



TEST NUMBER: P935971

CATALOG NUMBER: SQ4-FA-150U-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°	30.3	30.3	30.3	30.3	30.3	40.4	53.8	60.6	52.1	35.1	22.3
92.5°	121.3	97.2	121.3	145.4	151.5	214.7	299.0	341.1	299.6	216.3	153.9
95°	422.8	349.9	422.8	495.9	514.1	675.1	889.8	997.2	842.2	532.2	299.7
97.5°	1013.3	874.4	1013.3	1152.2	1186.9	1288.6	1424.4	1492.2	1233.8	716.9	329.2
100°	1460.0	1294.5	1460.0	1625.4	1666.8	1659.4	1649.4	1644.4	1357.7	784.1	353.9
102.5°	1899.3	1757.6	1899.3	2041.0	2076.4	1946.7	1773.9	1687.5	1396.6	814.9	378.6
105°	2459.5	2383.3	2459.5	2535.6	2554.7	2264.0	1876.4	1682.7	1401.0	837.8	415.3
107.5°	2826.4	2844.8	2826.4	2808.0	2803.4	2398.0	1857.4	1587.0	1338.7	841.9	469.5
110°	2966.3	3045.7	2966.3	2887.0	2867.2	2413.9	1809.5	1507.3	1283.4	835.6	499.8



TEST NUMBER: P935971

CATALOG NUMBER: SQ4-FA-150U-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°	2978.8	3100.7	2978.8	2857.0	2826.5	2362.6	1744.0	1434.8	1235.1	835.9	536.4
115°	2899.8	3068.8	2899.8	2730.8	2688.6	2241.7	1645.8	1347.9	1179.8	843.6	591.5
117.5°	2732.4	2919.8	2732.4	2544.9	2498.1	2094.7	1557.0	1288.1	1145.2	859.3	644.9
120°	2597.4	2779.5	2597.4	2415.2	2369.8	2001.3	1509.9	1264.2	1133.5	872.0	676.0
122.5°	2465.9	2645.5	2465.9	2286.3	2241.4	1909.6	1467.1	1245.9	1127.4	890.3	712.6
125°	2278.4	2443.9	2278.4	2113.0	2071.6	1789.7	1413.9	1225.9	1122.3	915.0	759.6
127.5°	2109.8	2249.5	2109.8	1970.2	1935.3	1693.3	1370.5	1209.2	1119.4	939.8	805.1
130°	2010.5	2139.4	2010.5	1881.5	1849.3	1633.8	1346.5	1202.9	1121.2	957.9	835.4
132.5°	1920.2	2035.8	1920.2	1804.8	1775.9	1583.0	1325.8	1197.2	1122.3	972.5	860.1
135°	1796.8	1896.3	1796.8	1697.2	1672.3	1510.8	1295.4	1187.7	1121.2	988.4	888.8
137.5°	1697.7	1779.1	1697.7	1616.2	1595.8	1459.2	1277.1	1186.1	1128.1	1012.3	925.4
140°	1629.6	1705.8	1629.6	1553.5	1534.5	1416.4	1259.2	1180.5	1129.3	1026.9	950.2
142.5°	1573.3	1638.8	1573.3	1507.7	1491.3	1387.7	1249.6	1180.5	1133.4	1039.2	968.5
145°	1488.8	1538.4	1488.8	1439.2	1426.8	1342.1	1229.0	1172.5	1133.4	1055.1	996.4
147.5°	1423.9	1465.1	1423.9	1382.9	1372.6	1305.9	1217.0	1172.5	1141.2	1078.5	1031.4
150°	1383.1	1416.4	1383.1	1349.8	1341.5	1285.2	1210.1	1172.5	1145.3	1090.6	1049.7
152.5°	1348.2	1373.4	1348.2	1323.1	1316.8	1268.7	1204.6	1172.5	1147.9	1098.7	1061.8
155°	1308.1	1324.8	1308.1	1291.5	1287.3	1249.0	1198.0	1172.5	1153.8	1116.2	1088.0
157.5°	1276.5	1288.1	1276.5	1264.7	1261.8	1232.1	1192.4	1172.5	1159.6	1133.8	1114.3
160°	1257.5	1264.2	1257.5	1250.7	1249.0	1223.6	1189.6	1172.5	1162.2	1141.7	1126.3
162.5°	1245.0	1251.4	1245.0	1238.7	1237.1	1215.5	1186.8	1172.5	1165.1	1150.2	1139.0
165°	1227.1	1233.9	1227.1	1220.5	1218.8	1203.4	1182.8	1172.5	1169.1	1162.4	1157.4
167.5°	1214.4	1217.2	1214.4	1211.5	1210.8	1200.7	1187.3	1180.5	1177.7	1172.0	1167.8
170°	1210.8	1210.8	1210.8	1210.8	1210.8	1200.7	1187.3	1180.5	1180.4	1179.9	1179.7
172.5°	1201.3	1198.8	1201.3	1203.8	1204.4	1196.5	1185.8	1180.5	1180.5	1180.5	1180.5
175°	1195.6	1195.6	1195.6	1195.6	1195.6	1190.6	1183.9	1180.5	1182.1	1185.3	1187.7
177.5°	1190.5	1187.7	1190.5	1193.4	1194.1	1190.1	1184.7	1182.1	1183.3	1185.8	1187.7
180°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7



TEST NUMBER: P935971

CATALOG NUMBER: SQ4-FA-150U-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°	20.7	14.4	8.0	14.4	20.7	22.3	35.1	52.1	60.6	53.8	40.4
92.5°	140.3	86.1	31.9	86.1	140.3	153.9	216.3	299.6	341.1	299.0	214.7
95°	274.9	175.7	76.5	175.7	274.9	299.7	532.2	842.2	997.2	889.8	675.1
97.5°	307.3	219.8	132.3	219.8	307.3	329.2	716.9	1233.8	1492.2	1424.4	1288.6
100°	334.1	254.7	175.3	254.7	334.1	353.9	784.1	1357.7	1644.4	1649.4	1659.4
102.5°	360.1	286.1	212.1	286.1	360.1	378.6	814.9	1396.6	1687.5	1773.9	1946.7
105°	399.6	336.9	274.2	336.9	399.6	415.3	837.8	1401.0	1682.7	1876.4	2264.0
107.5°	454.9	396.4	338.0	396.4	454.9	469.5	841.9	1338.7	1587.0	1857.4	2398.0
110°	486.6	433.8	381.0	433.8	486.6	499.8	835.6	1283.4	1507.3	1809.5	2413.9



TEST NUMBER: P935971

CATALOG NUMBER: SQ4-FA-150U-075D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	523.8	473.5	423.3	473.5	523.8	536.4	835.9	1235.1	1434.8	1744.0	2362.6
115°	579.9	533.4	487.0	533.4	579.9	591.5	843.6	1179.8	1347.9	1645.8	2241.7
117.5°	634.3	592.1	550.0	592.1	634.3	644.9	859.3	1145.2	1288.1	1557.0	2094.7
120°	666.1	626.4	586.7	626.4	666.1	676.0	872.0	1133.5	1264.2	1509.9	2001.3
122.5°	702.6	662.6	622.6	662.6	702.6	712.6	890.3	1127.4	1245.9	1467.1	1909.6
125°	750.5	714.0	677.5	714.0	750.5	759.6	915.0	1122.3	1225.9	1413.9	1789.7
127.5°	795.9	759.0	722.2	759.0	795.9	805.1	939.8	1119.4	1209.2	1370.5	1693.3
130°	825.5	785.8	746.1	785.8	825.5	835.4	957.9	1121.2	1202.9	1346.5	1633.8
132.5°	850.2	810.5	770.8	810.5	850.2	860.1	972.5	1122.3	1197.2	1325.8	1583.0
135°	879.8	843.6	807.4	843.6	879.8	888.8	988.4	1121.2	1187.7	1295.4	1510.8
137.5°	916.5	880.7	844.9	880.7	916.5	925.4	1012.3	1128.1	1186.1	1277.1	1459.2
140°	941.9	909.0	876.0	909.0	941.9	950.2	1026.9	1129.3	1180.5	1259.2	1416.4
142.5°	960.9	930.4	899.9	930.4	960.9	968.5	1039.2	1133.4	1180.5	1249.6	1387.7
145°	989.8	963.2	936.6	963.2	989.8	996.4	1055.1	1133.4	1172.5	1229.0	1342.1
147.5°	1025.0	999.1	973.2	999.1	1025.0	1031.4	1078.5	1141.2	1172.5	1217.0	1305.9
150°	1043.9	1020.5	997.2	1020.5	1043.9	1049.7	1090.6	1145.3	1172.5	1210.1	1285.2
152.5°	1057.3	1039.6	1021.9	1039.6	1057.3	1061.8	1098.7	1147.9	1172.5	1204.6	1268.7
155°	1084.8	1071.6	1058.5	1071.6	1084.8	1088.0	1116.2	1153.8	1172.5	1198.0	1249.0
157.5°	1111.2	1098.4	1085.6	1098.4	1111.2	1114.3	1133.8	1159.6	1172.5	1192.4	1232.1
160°	1123.8	1113.9	1104.0	1113.9	1123.8	1126.3	1141.7	1162.2	1172.5	1189.6	1223.6
162.5°	1137.2	1129.8	1122.3	1129.8	1137.2	1139.0	1150.2	1165.1	1172.5	1186.8	1215.5
165°	1155.7	1149.0	1142.3	1149.0	1155.7	1157.4	1162.4	1169.1	1172.5	1182.8	1203.4
167.5°	1167.0	1163.7	1160.6	1163.7	1167.0	1167.8	1172.0	1177.7	1180.5	1187.3	1200.7
170°	1178.9	1175.7	1172.5	1175.7	1178.9	1179.7	1179.9	1180.4	1180.5	1187.3	1200.7
172.5°	1180.4	1179.6	1178.9	1179.6	1180.4	1180.5	1180.5	1180.5	1180.5	1185.8	1196.5
175°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1185.3	1182.1	1180.5	1183.9	1190.6
177.5°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1185.8	1183.3	1182.1	1184.7	1190.1
180°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7



TEST NUMBER: P935971
 CATALOG NUMBER: SQ4-FA-150U-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°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	40.4	53.8	60.6	52.1
92.5°	151.5	145.4	121.3	97.2	121.3	145.4	151.5	214.7	299.0	341.1	299.6
95°	514.1	495.9	422.8	349.9	422.8	495.9	514.1	675.1	889.8	997.2	842.2
97.5°	1186.9	1152.2	1013.3	874.4	1013.3	1152.2	1186.9	1288.6	1424.4	1492.2	1233.8
100°	1666.8	1625.4	1460.0	1294.5	1460.0	1625.4	1666.8	1659.4	1649.4	1644.4	1357.7
102.5°	2076.4	2041.0	1899.3	1757.6	1899.3	2041.0	2076.4	1946.7	1773.9	1687.5	1396.6
105°	2554.7	2535.6	2459.5	2383.3	2459.5	2535.6	2554.7	2264.0	1876.4	1682.7	1401.0
107.5°	2803.4	2808.0	2826.4	2844.8	2826.4	2808.0	2803.4	2398.0	1857.4	1587.0	1338.7
110°	2867.2	2887.0	2966.3	3045.7	2966.3	2887.0	2867.2	2413.9	1809.5	1507.3	1283.4



TEST NUMBER: P935971

CATALOG NUMBER: SQ4-FA-150U-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°	2826.5	2857.0	2978.8	3100.7	2978.8	2857.0	2826.5	2362.6	1744.0	1434.8	1235.1
115°	2688.6	2730.8	2899.8	3068.8	2899.8	2730.8	2688.6	2241.7	1645.8	1347.9	1179.8
117.5°	2498.1	2544.9	2732.4	2919.8	2732.4	2544.9	2498.1	2094.7	1557.0	1288.1	1145.2
120°	2369.8	2415.2	2597.4	2779.5	2597.4	2415.2	2369.8	2001.3	1509.9	1264.2	1133.5
122.5°	2241.4	2286.3	2465.9	2645.5	2465.9	2286.3	2241.4	1909.6	1467.1	1245.9	1127.4
125°	2071.6	2113.0	2278.4	2443.9	2278.4	2113.0	2071.6	1789.7	1413.9	1225.9	1122.3
127.5°	1935.3	1970.2	2109.8	2249.5	2109.8	1970.2	1935.3	1693.3	1370.5	1209.2	1119.4
130°	1849.3	1881.5	2010.5	2139.4	2010.5	1881.5	1849.3	1633.8	1346.5	1202.9	1121.2
132.5°	1775.9	1804.8	1920.2	2035.8	1920.2	1804.8	1775.9	1583.0	1325.8	1197.2	1122.3
135°	1672.3	1697.2	1796.8	1896.3	1796.8	1697.2	1672.3	1510.8	1295.4	1187.7	1121.2
137.5°	1595.8	1616.2	1697.7	1779.1	1697.7	1616.2	1595.8	1459.2	1277.1	1186.1	1128.1
140°	1534.5	1553.5	1629.6	1705.8	1629.6	1553.5	1534.5	1416.4	1259.2	1180.5	1129.3
142.5°	1491.3	1507.7	1573.3	1638.8	1573.3	1507.7	1491.3	1387.7	1249.6	1180.5	1133.4
145°	1426.8	1439.2	1488.8	1538.4	1488.8	1439.2	1426.8	1342.1	1229.0	1172.5	1133.4
147.5°	1372.6	1382.9	1423.9	1465.1	1423.9	1382.9	1372.6	1305.9	1217.0	1172.5	1141.2
150°	1341.5	1349.8	1383.1	1416.4	1383.1	1349.8	1341.5	1285.2	1210.1	1172.5	1145.3
152.5°	1316.8	1323.1	1348.2	1373.4	1348.2	1323.1	1316.8	1268.7	1204.6	1172.5	1147.9
155°	1287.3	1291.5	1308.1	1324.8	1308.1	1291.5	1287.3	1249.0	1198.0	1172.5	1153.8
157.5°	1261.8	1264.7	1276.5	1288.1	1276.5	1264.7	1261.8	1232.1	1192.4	1172.5	1159.6
160°	1249.0	1250.7	1257.5	1264.2	1257.5	1250.7	1249.0	1223.6	1189.6	1172.5	1162.2
162.5°	1237.1	1238.7	1245.0	1251.4	1245.0	1238.7	1237.1	1215.5	1186.8	1172.5	1165.1
165°	1218.8	1220.5	1227.1	1233.9	1227.1	1220.5	1218.8	1203.4	1182.8	1172.5	1169.1
167.5°	1210.8	1211.5	1214.4	1217.2	1214.4	1211.5	1210.8	1200.7	1187.3	1180.5	1177.7
170°	1210.8	1210.8	1210.8	1210.8	1210.8	1210.8	1210.8	1200.7	1187.3	1180.5	1180.4
172.5°	1204.4	1203.8	1201.3	1198.8	1201.3	1203.8	1204.4	1196.5	1185.8	1180.5	1180.5
175°	1195.6	1195.6	1195.6	1195.6	1195.6	1195.6	1195.6	1190.6	1183.9	1180.5	1182.1
177.5°	1194.1	1193.4	1190.5	1187.7	1190.5	1193.4	1194.1	1190.1	1184.7	1182.1	1183.3
180°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7



TEST NUMBER: P935971

CATALOG NUMBER: SQ4-FA-150U-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°	35.1	22.3	20.7	14.4	8.0
92.5°	216.3	153.9	140.3	86.1	31.9
95°	532.2	299.7	274.9	175.7	76.5
97.5°	716.9	329.2	307.3	219.8	132.3
100°	784.1	353.9	334.1	254.7	175.3
102.5°	814.9	378.6	360.1	286.1	212.1
105°	837.8	415.3	399.6	336.9	274.2
107.5°	841.9	469.5	454.9	396.4	338.0
110°	835.6	499.8	486.6	433.8	381.0



TEST NUMBER: P935971

CATALOG NUMBER: SQ4-FA-150U-075D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	835.9	536.4	523.8	473.5	423.3
115°	843.6	591.5	579.9	533.4	487.0
117.5°	859.3	644.9	634.3	592.1	550.0
120°	872.0	676.0	666.1	626.4	586.7
122.5°	890.3	712.6	702.6	662.6	622.6
125°	915.0	759.6	750.5	714.0	677.5
127.5°	939.8	805.1	795.9	759.0	722.2
130°	957.9	835.4	825.5	785.8	746.1
132.5°	972.5	860.1	850.2	810.5	770.8
135°	988.4	888.8	879.8	843.6	807.4
137.5°	1012.3	925.4	916.5	880.7	844.9
140°	1026.9	950.2	941.9	909.0	876.0
142.5°	1039.2	968.5	960.9	930.4	899.9
145°	1055.1	996.4	989.8	963.2	936.6
147.5°	1078.5	1031.4	1025.0	999.1	973.2
150°	1090.6	1049.7	1043.9	1020.5	997.2
152.5°	1098.7	1061.8	1057.3	1039.6	1021.9
155°	1116.2	1088.0	1084.8	1071.6	1058.5
157.5°	1133.8	1114.3	1111.2	1098.4	1085.6
160°	1141.7	1126.3	1123.8	1113.9	1104.0
162.5°	1150.2	1139.0	1137.2	1129.8	1122.3
165°	1162.4	1157.4	1155.7	1149.0	1142.3
167.5°	1172.0	1167.8	1167.0	1163.7	1160.6
170°	1179.9	1179.7	1178.9	1175.7	1172.5
172.5°	1180.5	1180.5	1180.4	1179.6	1178.9
175°	1185.3	1187.7	1187.7	1187.7	1187.7
177.5°	1185.8	1187.7	1187.7	1187.7	1187.7
180°	1187.7	1187.7	1187.7	1187.7	1187.7



TEST NUMBER: P935971
 CATALOG NUMBER: SQ4-FA-150U-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	10.14	10.85	11.24	11.95	13.47	12.96	13.68	14.07	14.78	16.29
	3H	10.60	11.24	11.72	12.35	13.88	14.30	14.94	15.41	16.04	17.58
	4H	10.79	11.40	11.91	12.50	14.04	14.73	15.34	15.85	16.45	17.99
	6H	10.90	11.46	12.03	12.57	14.12	15.01	15.57	16.14	16.68	18.23
	8H	10.90	11.43	12.03	12.56	14.10	15.08	15.61	16.21	16.74	18.28
	12H	10.86	11.37	12.00	12.49	14.05	15.11	15.61	16.25	16.73	18.30
4H	2H	11.15	11.76	12.28	12.87	14.41	13.35	13.96	14.48	15.07	16.61
	3H	12.16	12.67	13.30	13.81	15.36	14.84	15.35	15.98	16.49	18.04
	4H	12.43	12.90	13.57	14.02	15.59	15.36	15.83	16.50	16.95	18.52
	6H	12.55	12.95	13.70	14.10	15.66	15.72	16.12	16.87	17.27	18.83
	8H	12.55	12.93	13.70	14.06	15.64	15.82	16.19	16.97	17.33	18.91
	12H	12.51	12.85	13.67	14.00	15.58	15.87	16.21	17.03	17.36	18.94
8H	4H	12.88	13.25	14.02	14.39	15.96	15.48	15.85	16.62	16.99	18.57
	6H	13.13	13.44	14.30	14.62	16.19	15.91	16.21	17.07	17.39	18.97
	8H	13.17	13.44	14.34	14.60	16.20	16.06	16.32	17.23	17.48	19.08
	12H	13.15	13.39	14.32	14.54	16.17	16.15	16.38	17.32	17.54	19.17
12H	4H	12.87	13.21	14.04	14.36	15.95	15.44	15.77	16.60	16.92	18.51
	6H	13.19	13.46	14.36	14.62	16.21	15.90	16.17	17.07	17.33	18.93
	8H	13.25	13.49	14.42	14.64	16.27	16.06	16.29	17.23	17.45	19.08