

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: P935951

Luminaire Tested: SQ4-FA-150U-075D-930-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935951
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-930-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

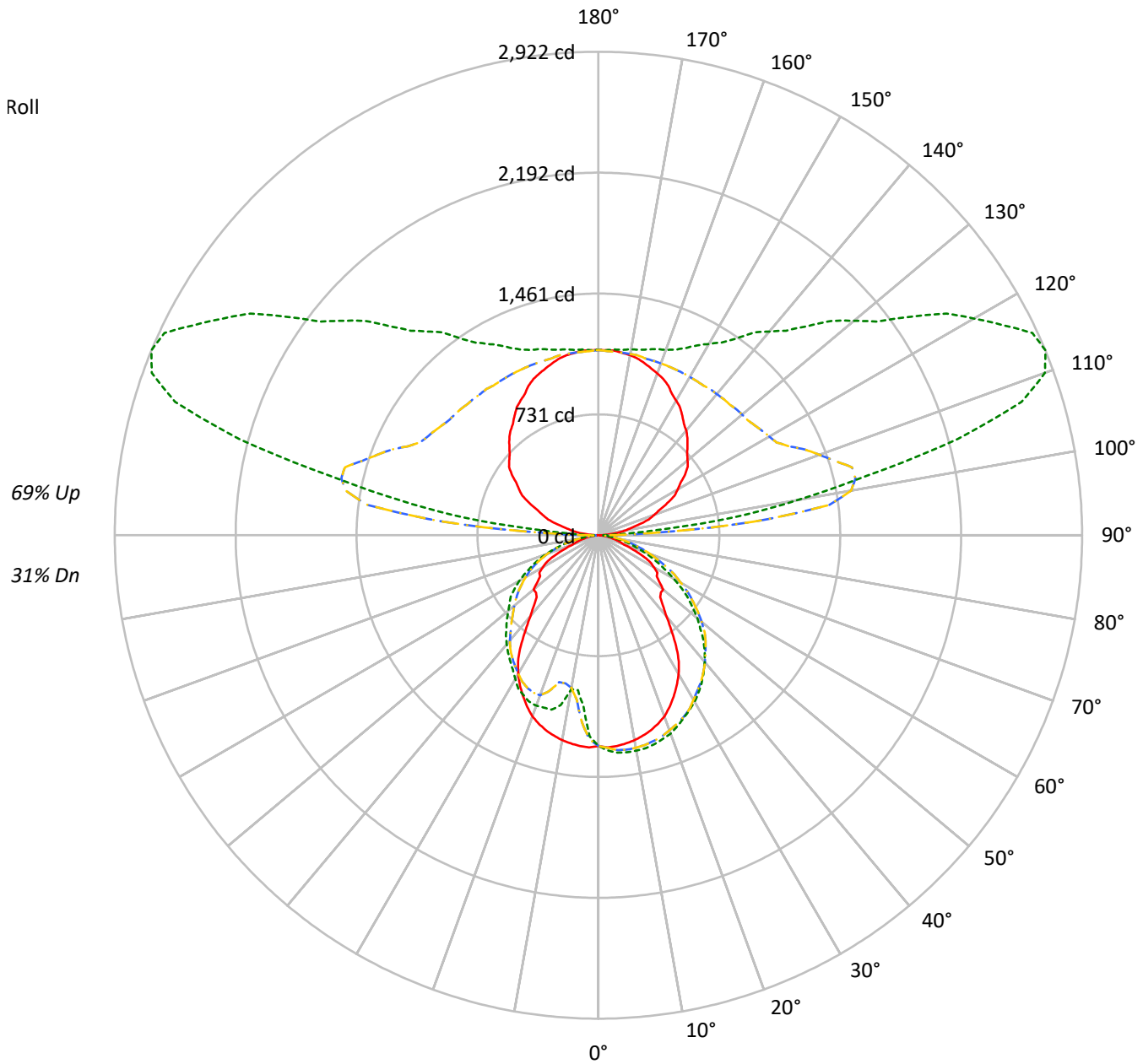
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10561.8 lumens
Efficiency: N/A
Efficacy: 110.7 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): 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

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CATALOG NUMBER: SQ4-FA-150U-075D-930-1D-UNV-STD-W-6

Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
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°	7876	7876	7876	7876
5°	7932	7950	7932	6252
10°	7876	7831	7876	5599
15°	7788	7662	7788	6398
20°	7622	7461	7622	6411
25°	7285	7168	7285	6275
30°	6852	6924	6852	5977
35°	6105	6617	6105	5649
40°	5084	6254	5084	5401
45°	4540	5829	4540	5116
50°	4819	5324	4819	4831
55°	4530	4779	4530	4665
60°	4663	4059	4663	4273
65°	4221	3355	4221	3751
70°	2916	2674	2916	3144
75°	2547	1976	2547	2366
80°	2038	1307	2038	1422
85°	1151	692	1151	589

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 6963 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.9	1.1
10°-20°	326.3	3.1
20°-30°	504.4	4.8
30°-40°	602.1	5.7
40°-50°	605.7	5.7
50°-60°	527.0	5.0
60°-70°	373.7	3.5
70°-80°	197.7	1.9
80°-90°	53.5	0.5
90°-100°	545.6	5.2
100°-110°	1434.5	13.6
110°-120°	1487.4	14.1
120°-130°	1193.1	11.3
130°-140°	936.2	8.9
140°-150°	718.5	6.8
150°-160°	517.5	4.9
160°-170°	316.6	3.0
170°-180°	107.0	1.0
0°-30°	945.6	9.0
0°-40°	1547.8	14.7
0°-60°	2680.5	25.4
0°-90°	3305.3	31.3
90°-120°	3467.6	32.8
90°-150°	6315.4	59.8
90°-180°	7256.0	68.7
0°-180°	10561.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1273	1273	1273	1273	1273	
5°	1279	1319	1279	1037	1279	121
15°	1221	1307	1221	1091	1221	344
25°	1076	1219	1076	1067	1076	494
35°	818	1088	818	929	818	506
45°	528	896	528	786	528	423
55°	430	661	430	646	430	395
65°	299	399	299	446	299	285
75°	113	189	113	226	113	119
85°	19	48	19	41	19	26
90°	8	29	8	29	8	7
95°	72	330	72	330	72	80
105°	258	2246	258	2246	258	274
115°	459	2892	459	2892	459	453
125°	638	2303	638	2303	638	567
135°	761	1787	761	1787	761	589
145°	883	1450	883	1450	883	553
155°	998	1249	998	1249	998	458
165°	1077	1163	1077	1163	1077	304
175°	1119	1127	1119	1127	1119	106
180°	1119	1119	1119	1119	1119	



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 CATALOG NUMBER: SQ4-FA-150U-075D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2
2.5°	1284.0	1284.0	1291.2	1293.6	1293.6	1290.0	1286.4	1290.0	1300.9	1304.5	1303.3
5°	1279.2	1288.8	1302.1	1304.5	1306.9	1305.7	1303.3	1305.7	1317.7	1320.1	1321.3
7.5°	1269.5	1287.6	1304.5	1308.1	1311.7	1308.1	1306.9	1309.3	1321.3	1323.7	1323.7
10°	1257.5	1282.8	1302.1	1304.5	1308.1	1304.5	1304.5	1309.3	1321.3	1323.7	1325.0
12.5°	1240.6	1275.6	1293.6	1296.0	1300.9	1299.7	1298.5	1303.3	1315.3	1317.7	1317.7
15°	1221.4	1262.3	1279.2	1281.6	1290.0	1287.6	1287.6	1292.4	1305.7	1309.3	1308.1
17.5°	1194.9	1245.5	1264.7	1268.3	1274.4	1273.2	1274.4	1279.2	1291.2	1293.6	1294.8
20°	1164.8	1222.6	1245.5	1249.1	1255.1	1255.1	1255.1	1261.1	1273.2	1278.0	1278.0
22.5°	1123.8	1198.5	1222.6	1225.0	1232.2	1232.2	1234.6	1243.0	1253.9	1255.1	1255.1
25°	1075.6	1172.0	1192.5	1199.7	1206.9	1210.5	1214.1	1219.0	1222.6	1221.4	1222.6
27.5°	1025.0	1138.3	1164.8	1169.6	1179.2	1182.8	1187.6	1188.8	1190.0	1193.7	1191.3
30°	968.4	1091.3	1131.0	1135.8	1151.5	1153.9	1149.1	1151.5	1157.5	1159.9	1162.3
32.5°	904.6	1021.4	1096.1	1106.9	1121.4	1114.2	1113.0	1116.6	1126.2	1126.2	1128.6
35°	817.9	967.2	1063.6	1073.2	1084.0	1075.6	1080.4	1081.6	1087.7	1091.3	1090.1
37.5°	722.7	920.2	1029.8	1037.1	1045.5	1034.7	1041.9	1045.5	1050.3	1047.9	1047.9
40°	638.4	846.8	990.1	994.9	1002.1	993.7	1000.9	1003.3	1005.8	1003.3	1002.1
42.5°	575.8	766.1	947.9	954.0	949.1	955.2	957.6	962.4	958.8	954.0	954.0
45°	527.6	744.4	902.2	909.4	902.2	911.8	915.4	915.4	904.6	902.2	901.0
47.5°	511.9	701.0	856.4	856.4	852.8	864.8	870.9	862.4	851.6	848.0	848.0
50°	510.7	652.8	793.8	788.9	805.8	820.3	814.2	805.8	797.4	784.1	784.1
52.5°	463.7	593.8	713.1	731.1	757.6	766.1	756.4	748.0	733.5	727.5	722.7
55°	430.0	532.4	639.6	675.7	703.4	714.3	696.2	687.8	666.1	662.5	660.1
57.5°	422.8	443.3	572.1	617.9	651.6	650.4	639.6	623.9	605.9	602.2	601.0
60°	387.8	320.4	499.9	554.1	589.0	585.4	575.8	561.3	544.4	542.0	539.6
62.5°	351.7	232.5	418.0	479.4	528.8	527.6	519.1	497.5	485.4	479.4	474.6
65°	298.7	195.1	297.5	398.7	469.8	472.2	454.1	438.4	425.2	418.0	416.8
67.5°	227.7	159.0	201.2	332.4	413.1	410.7	387.8	380.6	363.8	360.1	352.9
70°	168.6	106.0	139.7	269.8	357.7	351.7	333.6	325.2	309.6	301.1	296.3
72.5°	139.7	85.5	102.4	209.6	301.1	293.9	278.2	268.6	255.4	248.1	243.3
75°	113.2	90.3	78.3	155.4	244.5	239.7	225.2	215.6	204.8	195.1	196.3
77.5°	83.1	84.3	62.6	114.4	193.9	186.7	178.3	166.2	161.4	151.8	151.8
80°	62.6	66.2	47.0	78.3	139.7	139.7	132.5	124.1	115.6	110.8	110.8
82.5°	42.2	42.2	34.9	49.4	95.2	91.5	86.7	84.3	79.5	77.1	77.1
85°	19.3	24.1	21.7	30.1	51.8	54.2	54.2	51.8	50.6	48.2	49.4
87.5°	6.0	10.8	13.2	16.9	26.5	27.7	28.9	28.9	28.9	30.1	30.1
90°	7.5	13.6	19.5	21.0	33.1	49.1	57.1	50.7	38.1	28.6	28.6
92.5°	30.0	81.1	132.3	145.0	203.9	282.3	321.5	281.8	202.4	142.8	137.1
95°	72.1	165.6	259.1	282.5	501.6	793.8	939.8	838.7	636.3	484.5	467.3
97.5°	124.7	207.2	289.6	310.3	675.6	1162.8	1406.4	1342.5	1214.5	1118.7	1085.9
100°	165.3	240.1	314.9	333.6	739.0	1279.6	1549.9	1554.5	1563.9	1570.9	1532.0
102.5°	199.9	269.6	339.4	356.9	768.1	1316.3	1590.4	1671.8	1834.8	1957.0	1923.6
105°	258.4	317.5	376.6	391.4	789.6	1320.5	1585.9	1768.5	2133.8	2407.8	2389.8
107.5°	318.6	373.6	428.7	442.5	793.5	1261.7	1495.7	1750.5	2260.0	2642.2	2646.5
110°	359.1	408.9	458.6	471.0	787.6	1209.6	1420.6	1705.4	2275.1	2702.3	2721.0



TEST NUMBER: P935951

CATALOG NUMBER: SQ4-FA-150U-075D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	398.9	446.3	493.7	505.6	787.8	1164.1	1352.3	1643.7	2226.7	2664.0	2692.7
115°	459.0	502.8	546.5	557.4	795.1	1111.9	1270.3	1551.2	2112.8	2533.9	2573.8
117.5°	518.3	558.1	597.8	607.8	809.9	1079.3	1214.1	1467.5	1974.3	2354.4	2398.6
120°	552.9	590.4	627.8	637.1	821.9	1068.3	1191.5	1423.1	1886.2	2233.5	2276.3
122.5°	586.8	624.5	662.2	671.6	839.1	1062.5	1174.2	1382.8	1799.8	2112.5	2154.9
125°	638.5	672.9	707.4	716.0	862.4	1057.8	1155.4	1332.6	1686.8	1952.5	1991.4
127.5°	680.6	715.3	750.1	758.8	885.7	1055.0	1139.6	1291.7	1595.9	1824.0	1856.9
130°	703.2	740.6	778.0	787.3	902.8	1056.7	1133.7	1269.1	1539.8	1742.9	1773.3
132.5°	726.5	763.9	801.3	810.6	916.5	1057.8	1128.4	1249.5	1492.0	1673.8	1701.0
135°	761.0	795.1	829.2	837.7	931.6	1056.7	1119.4	1220.9	1423.9	1576.1	1599.6
137.5°	796.3	830.1	863.8	872.2	954.1	1063.3	1117.9	1203.7	1375.3	1504.0	1523.2
140°	825.6	856.7	887.7	895.5	967.9	1064.4	1112.6	1186.8	1335.0	1446.2	1464.1
142.5°	848.1	876.9	905.6	912.8	979.4	1068.2	1112.6	1177.8	1307.9	1405.6	1421.0
145°	882.7	907.8	932.8	939.1	994.4	1068.2	1105.1	1158.3	1264.9	1344.8	1356.4
147.5°	917.3	941.7	966.0	972.1	1016.4	1075.5	1105.1	1147.0	1230.8	1293.6	1303.3
150°	939.8	961.8	983.8	989.4	1027.9	1079.4	1105.1	1140.5	1211.2	1264.3	1272.2
152.5°	963.1	979.8	996.5	1000.7	1035.5	1081.9	1105.1	1135.3	1195.7	1241.0	1247.0
155°	997.6	1010.0	1022.4	1025.4	1052.0	1087.4	1105.1	1129.1	1177.2	1213.3	1217.2
157.5°	1023.2	1035.2	1047.3	1050.2	1068.6	1092.9	1105.1	1123.8	1161.2	1189.2	1192.0
160°	1040.5	1049.8	1059.2	1061.5	1076.0	1095.4	1105.1	1121.1	1153.2	1177.2	1178.8
162.5°	1057.8	1064.8	1071.8	1073.5	1084.0	1098.1	1105.1	1118.6	1145.6	1166.0	1167.5
165°	1076.6	1082.9	1089.2	1090.8	1095.5	1101.9	1105.1	1114.8	1134.2	1148.7	1150.3
167.5°	1093.8	1096.8	1099.9	1100.6	1104.6	1110.0	1112.6	1119.0	1131.7	1141.1	1141.8
170°	1105.1	1108.1	1111.1	1111.8	1112.1	1112.5	1112.6	1119.0	1131.7	1141.1	1141.1
172.5°	1111.1	1111.8	1112.5	1112.6	1112.6	1112.6	1112.6	1117.6	1127.7	1135.1	1134.6
175°	1119.4	1119.4	1119.4	1119.4	1117.1	1114.2	1112.6	1115.8	1122.1	1126.8	1126.8
177.5°	1119.4	1119.4	1119.4	1119.4	1117.6	1115.3	1114.1	1116.6	1121.6	1125.4	1124.8
180°	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4



TEST NUMBER: P935951

CATALOG NUMBER: SQ4-FA-150U-075D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2
2.5°	1305.7	1302.1	1305.7	1303.3	1304.5	1300.9	1290.0	1286.4	1290.0	1293.6	1293.6
5°	1321.3	1318.9	1321.3	1321.3	1320.1	1317.7	1305.7	1303.3	1305.7	1306.9	1304.5
7.5°	1326.2	1322.5	1326.2	1323.7	1323.7	1321.3	1309.3	1306.9	1308.1	1311.7	1308.1
10°	1326.2	1322.5	1326.2	1325.0	1323.7	1321.3	1309.3	1304.5	1304.5	1308.1	1304.5
12.5°	1320.1	1317.7	1320.1	1317.7	1317.7	1315.3	1303.3	1298.5	1299.7	1300.9	1296.0
15°	1310.5	1306.9	1310.5	1308.1	1309.3	1305.7	1292.4	1287.6	1287.6	1290.0	1281.6
17.5°	1296.0	1291.2	1296.0	1294.8	1293.6	1291.2	1279.2	1274.4	1273.2	1274.4	1268.3
20°	1279.2	1275.6	1279.2	1278.0	1278.0	1273.2	1261.1	1255.1	1255.1	1255.1	1249.1
22.5°	1252.7	1249.1	1252.7	1255.1	1255.1	1253.9	1243.0	1234.6	1232.2	1232.2	1225.0
25°	1222.6	1219.0	1222.6	1222.6	1221.4	1222.6	1219.0	1214.1	1210.5	1206.9	1199.7
27.5°	1193.7	1191.3	1193.7	1191.3	1193.7	1190.0	1188.8	1187.6	1182.8	1179.2	1169.6
30°	1164.8	1162.3	1164.8	1162.3	1159.9	1157.5	1151.5	1149.1	1153.9	1151.5	1135.8
32.5°	1128.6	1126.2	1128.6	1128.6	1126.2	1126.2	1116.6	1113.0	1114.2	1121.4	1106.9
35°	1091.3	1087.7	1091.3	1090.1	1091.3	1087.7	1081.6	1080.4	1075.6	1084.0	1073.2
37.5°	1047.9	1044.3	1047.9	1047.9	1047.9	1050.3	1045.5	1041.9	1034.7	1045.5	1037.1
40°	1003.3	998.5	1003.3	1002.1	1003.3	1005.8	1003.3	1000.9	993.7	1002.1	994.9
42.5°	952.8	951.6	952.8	954.0	954.0	958.8	962.4	957.6	955.2	949.1	954.0
45°	898.6	896.1	898.6	901.0	902.2	904.6	915.4	915.4	911.8	902.2	909.4
47.5°	840.7	834.7	840.7	848.0	848.0	851.6	862.4	870.9	864.8	852.8	856.4
50°	779.3	780.5	779.3	784.1	784.1	797.4	805.8	814.2	820.3	805.8	788.9
52.5°	719.1	717.9	719.1	722.7	727.5	733.5	748.0	756.4	766.1	757.6	731.1
55°	658.9	661.3	658.9	660.1	662.5	666.1	687.8	696.2	714.3	703.4	675.7
57.5°	598.6	595.0	598.6	601.0	602.2	605.9	623.9	639.6	650.4	651.6	617.9
60°	528.8	524.0	528.8	539.6	542.0	544.4	561.3	575.8	585.4	589.0	554.1
62.5°	467.3	458.9	467.3	474.6	479.4	485.4	497.5	519.1	527.6	528.8	479.4
65°	402.3	398.7	402.3	416.8	418.0	425.2	438.4	454.1	472.2	469.8	398.7
67.5°	343.3	343.3	343.3	352.9	360.1	363.8	380.6	387.8	410.7	413.1	332.4
70°	289.1	287.9	289.1	296.3	301.1	309.6	325.2	333.6	351.7	357.7	269.8
72.5°	237.3	236.1	237.3	243.3	248.1	255.4	268.6	278.2	293.9	301.1	209.6
75°	191.5	189.1	191.5	196.3	195.1	204.8	215.6	225.2	239.7	244.5	155.4
77.5°	146.9	146.9	146.9	151.8	151.8	161.4	166.2	178.3	186.7	193.9	114.4
80°	109.6	108.4	109.6	110.8	110.8	115.6	124.1	132.5	139.7	139.7	78.3
82.5°	77.1	74.7	77.1	77.1	77.1	79.5	84.3	86.7	91.5	95.2	49.4
85°	48.2	48.2	48.2	49.4	48.2	50.6	51.8	54.2	54.2	51.8	30.1
87.5°	31.3	30.1	31.3	30.1	30.1	28.9	28.9	28.9	27.7	26.5	16.9
90°	28.6	28.6	28.6	28.6	28.6	38.1	50.7	57.1	49.1	33.1	21.0
92.5°	114.3	91.6	114.3	137.1	142.8	202.4	281.8	321.5	282.3	203.9	145.0
95°	398.5	329.8	398.5	467.3	484.5	636.3	838.7	939.8	793.8	501.6	282.5
97.5°	955.0	824.1	955.0	1085.9	1118.7	1214.5	1342.5	1406.4	1162.8	675.6	310.3
100°	1376.0	1220.1	1376.0	1532.0	1570.9	1563.9	1554.5	1549.9	1279.6	739.0	333.6
102.5°	1790.0	1656.5	1790.0	1923.6	1957.0	1834.8	1671.8	1590.4	1316.3	768.1	356.9
105°	2318.0	2246.2	2318.0	2389.8	2407.8	2133.8	1768.5	1585.9	1320.5	789.6	391.4
107.5°	2663.9	2681.2	2663.9	2646.5	2642.2	2260.0	1750.5	1495.7	1261.7	793.5	442.5
110°	2795.7	2870.6	2795.7	2721.0	2702.3	2275.1	1705.4	1420.6	1209.6	787.6	471.0



TEST NUMBER: P935951

CATALOG NUMBER: SQ4-FA-150U-075D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2807.5	2922.4	2807.5	2692.7	2664.0	2226.7	1643.7	1352.3	1164.1	787.8	505.6
115°	2733.0	2892.3	2733.0	2573.8	2533.9	2112.8	1551.2	1270.3	1111.9	795.1	557.4
117.5°	2575.2	2751.9	2575.2	2398.6	2354.4	1974.3	1467.5	1214.1	1079.3	809.9	607.8
120°	2448.0	2619.6	2448.0	2276.3	2233.5	1886.2	1423.1	1191.5	1068.3	821.9	637.1
122.5°	2324.1	2493.4	2324.1	2154.9	2112.5	1799.8	1382.8	1174.2	1062.5	839.1	671.6
125°	2147.4	2303.3	2147.4	1991.4	1952.5	1686.8	1332.6	1155.4	1057.8	862.4	716.0
127.5°	1988.5	2120.1	1988.5	1856.9	1824.0	1595.9	1291.7	1139.6	1055.0	885.7	758.8
130°	1894.8	2016.3	1894.8	1773.3	1742.9	1539.8	1269.1	1133.7	1056.7	902.8	787.3
132.5°	1809.8	1918.7	1809.8	1701.0	1673.8	1492.0	1249.5	1128.4	1057.8	916.5	810.6
135°	1693.4	1787.2	1693.4	1599.6	1576.1	1423.9	1220.9	1119.4	1056.7	931.6	837.7
137.5°	1600.1	1676.8	1600.1	1523.2	1504.0	1375.3	1203.7	1117.9	1063.3	954.1	872.2
140°	1535.9	1607.7	1535.9	1464.1	1446.2	1335.0	1186.8	1112.6	1064.4	967.9	895.5
142.5°	1482.8	1544.6	1482.8	1421.0	1405.6	1307.9	1177.8	1112.6	1068.2	979.4	912.8
145°	1403.2	1449.9	1403.2	1356.4	1344.8	1264.9	1158.3	1105.1	1068.2	994.4	939.1
147.5°	1342.1	1380.8	1342.1	1303.3	1293.6	1230.8	1147.0	1105.1	1075.5	1016.4	972.1
150°	1303.6	1335.0	1303.6	1272.2	1264.3	1211.2	1140.5	1105.1	1079.4	1027.9	989.4
152.5°	1270.7	1294.4	1270.7	1247.0	1241.0	1195.7	1135.3	1105.1	1081.9	1035.5	1000.7
155°	1232.8	1248.6	1232.8	1217.2	1213.3	1177.2	1129.1	1105.1	1087.4	1052.0	1025.4
157.5°	1203.1	1214.1	1203.1	1192.0	1189.2	1161.2	1123.8	1105.1	1092.9	1068.6	1050.2
160°	1185.1	1191.5	1185.1	1178.8	1177.2	1153.2	1121.1	1105.1	1095.4	1076.0	1061.5
162.5°	1173.4	1179.4	1173.4	1167.5	1166.0	1145.6	1118.6	1105.1	1098.1	1084.0	1073.5
165°	1156.6	1162.9	1156.6	1150.3	1148.7	1134.2	1114.8	1105.1	1101.9	1095.5	1090.8
167.5°	1144.5	1147.2	1144.5	1141.8	1141.1	1131.7	1119.0	1112.6	1110.0	1104.6	1100.6
170°	1141.1	1141.1	1141.1	1141.1	1141.1	1131.7	1119.0	1112.6	1112.5	1112.1	1111.8
172.5°	1132.2	1129.9	1132.2	1134.6	1135.1	1127.7	1117.6	1112.6	1112.6	1112.6	1112.6
175°	1126.8	1126.8	1126.8	1126.8	1126.8	1122.1	1115.8	1112.6	1114.2	1117.1	1119.4
177.5°	1122.0	1119.4	1122.0	1124.8	1125.4	1121.6	1116.6	1114.1	1115.3	1117.6	1119.4
180°	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4



TEST NUMBER: P935951

CATALOG NUMBER: SQ4-FA-150U-075D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2
2.5°	1291.2	1284.0	1284.0	1272.0	1267.1	1263.5	1257.5	1239.4	1234.6	1229.8	1237.0
5°	1302.1	1288.8	1279.2	1257.5	1239.4	1232.2	1209.3	1166.0	1137.0	1115.4	1103.3
7.5°	1304.5	1287.6	1269.5	1235.8	1192.5	1173.2	1103.3	1023.8	1002.1	982.9	970.8
10°	1302.1	1282.8	1257.5	1206.9	1104.5	1070.8	1000.9	949.1	935.9	932.3	935.9
12.5°	1293.6	1275.6	1240.6	1156.3	1013.0	990.1	949.1	919.0	916.6	922.6	955.2
15°	1279.2	1262.3	1221.4	1088.9	962.4	945.5	916.6	905.8	919.0	961.2	1058.8
17.5°	1264.7	1245.5	1194.9	1022.6	923.9	911.8	891.3	913.0	987.7	1044.3	1076.8
20°	1245.5	1222.6	1164.8	974.4	896.1	885.3	875.7	973.2	1029.8	1050.3	1068.4
22.5°	1222.6	1198.5	1123.8	940.7	867.2	858.8	864.8	1007.0	1029.8	1044.3	1060.0
25°	1192.5	1172.0	1075.6	914.2	844.4	834.7	857.6	1003.3	1016.6	1020.2	1051.5
27.5°	1164.8	1138.3	1025.0	890.1	816.7	813.0	863.6	987.7	997.3	1000.9	1034.7
30°	1131.0	1091.3	968.4	864.8	787.7	786.5	864.8	968.4	966.0	975.6	1009.4
32.5°	1096.1	1021.4	904.6	833.5	760.0	758.8	856.4	939.5	937.1	950.4	975.6
35°	1063.6	967.2	817.9	797.4	725.1	726.3	835.9	905.8	907.0	919.0	934.7
37.5°	1029.8	920.2	722.7	757.6	691.4	691.4	808.2	874.5	872.1	875.7	897.4
40°	990.1	846.8	638.4	705.8	660.1	656.5	774.5	840.7	832.3	831.1	861.2
42.5°	947.9	766.1	575.8	637.2	623.9	619.1	733.5	799.8	784.1	787.7	826.3
45°	902.2	744.4	527.6	538.4	586.6	583.0	689.0	752.8	742.0	751.6	791.4
47.5°	856.4	701.0	511.9	446.9	546.8	545.6	639.6	707.0	701.0	710.7	752.8
50°	793.8	652.8	510.7	383.0	502.3	507.1	580.6	662.5	662.5	670.9	715.5
52.5°	713.1	593.8	463.7	346.9	450.5	464.9	528.8	623.9	626.3	634.8	674.5
55°	639.6	532.4	430.0	319.2	389.1	420.4	478.2	584.2	589.0	597.4	633.6
57.5°	572.1	443.3	422.8	286.7	332.4	362.6	433.6	545.6	548.0	555.3	590.2
60°	499.9	320.4	387.8	251.7	283.1	305.9	392.7	499.9	508.3	513.1	543.2
62.5°	418.0	232.5	351.7	227.7	259.0	263.8	358.9	456.5	467.3	471.0	489.0
65°	297.5	195.1	298.7	207.2	233.7	234.9	322.8	411.9	421.6	427.6	440.8
67.5°	201.2	159.0	227.7	187.9	214.4	215.6	287.9	360.1	373.4	378.2	386.6
70°	139.7	106.0	168.6	167.4	192.7	195.1	250.5	313.2	325.2	328.8	333.6
72.5°	102.4	85.5	139.7	150.6	169.8	172.2	212.0	260.2	272.2	275.8	278.2
75°	78.3	90.3	113.2	131.3	144.5	145.7	173.4	212.0	220.4	222.8	224.0
77.5°	62.6	84.3	83.1	106.0	118.0	115.6	136.1	163.8	171.0	171.0	171.0
80°	47.0	66.2	62.6	75.9	86.7	84.3	97.6	116.8	119.2	121.7	120.4
82.5°	34.9	42.2	42.2	48.2	57.8	55.4	65.0	75.9	75.9	75.9	78.3
85°	21.7	24.1	19.3	25.3	32.5	31.3	36.1	41.0	42.2	42.2	39.7
87.5°	13.2	10.8	6.0	9.6	14.5	14.5	16.9	18.1	16.9	16.9	16.9
90°	19.5	13.6	7.5	13.6	19.5	21.0	33.1	49.1	57.1	50.7	38.1
92.5°	132.3	81.1	30.0	81.1	132.3	145.0	203.9	282.3	321.5	281.8	202.4
95°	259.1	165.6	72.1	165.6	259.1	282.5	501.6	793.8	939.8	838.7	636.3
97.5°	289.6	207.2	124.7	207.2	289.6	310.3	675.6	1162.8	1406.4	1342.5	1214.5
100°	314.9	240.1	165.3	240.1	314.9	333.6	739.0	1279.6	1549.9	1554.5	1563.9
102.5°	339.4	269.6	199.9	269.6	339.4	356.9	768.1	1316.3	1590.4	1671.8	1834.8
105°	376.6	317.5	258.4	317.5	376.6	391.4	789.6	1320.5	1585.9	1768.5	2133.8
107.5°	428.7	373.6	318.6	373.6	428.7	442.5	793.5	1261.7	1495.7	1750.5	2260.0
110°	458.6	408.9	359.1	408.9	458.6	471.0	787.6	1209.6	1420.6	1705.4	2275.1



TEST NUMBER: P935951

CATALOG NUMBER: SQ4-FA-150U-075D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	493.7	446.3	398.9	446.3	493.7	505.6	787.8	1164.1	1352.3	1643.7	2226.7
115°	546.5	502.8	459.0	502.8	546.5	557.4	795.1	1111.9	1270.3	1551.2	2112.8
117.5°	597.8	558.1	518.3	558.1	597.8	607.8	809.9	1079.3	1214.1	1467.5	1974.3
120°	627.8	590.4	552.9	590.4	627.8	637.1	821.9	1068.3	1191.5	1423.1	1886.2
122.5°	662.2	624.5	586.8	624.5	662.2	671.6	839.1	1062.5	1174.2	1382.8	1799.8
125°	707.4	672.9	638.5	672.9	707.4	716.0	862.4	1057.8	1155.4	1332.6	1686.8
127.5°	750.1	715.3	680.6	715.3	750.1	758.8	885.7	1055.0	1139.6	1291.7	1595.9
130°	778.0	740.6	703.2	740.6	778.0	787.3	902.8	1056.7	1133.7	1269.1	1539.8
132.5°	801.3	763.9	726.5	763.9	801.3	810.6	916.5	1057.8	1128.4	1249.5	1492.0
135°	829.2	795.1	761.0	795.1	829.2	837.7	931.6	1056.7	1119.4	1220.9	1423.9
137.5°	863.8	830.1	796.3	830.1	863.8	872.2	954.1	1063.3	1117.9	1203.7	1375.3
140°	887.7	856.7	825.6	856.7	887.7	895.5	967.9	1064.4	1112.6	1186.8	1335.0
142.5°	905.6	876.9	848.1	876.9	905.6	912.8	979.4	1068.2	1112.6	1177.8	1307.9
145°	932.8	907.8	882.7	907.8	932.8	939.1	994.4	1068.2	1105.1	1158.3	1264.9
147.5°	966.0	941.7	917.3	941.7	966.0	972.1	1016.4	1075.5	1105.1	1147.0	1230.8
150°	983.8	961.8	939.8	961.8	983.8	989.4	1027.9	1079.4	1105.1	1140.5	1211.2
152.5°	996.5	979.8	963.1	979.8	996.5	1000.7	1035.5	1081.9	1105.1	1135.3	1195.7
155°	1022.4	1010.0	997.6	1010.0	1022.4	1025.4	1052.0	1087.4	1105.1	1129.1	1177.2
157.5°	1047.3	1035.2	1023.2	1035.2	1047.3	1050.2	1068.6	1092.9	1105.1	1123.8	1161.2
160°	1059.2	1049.8	1040.5	1049.8	1059.2	1061.5	1076.0	1095.4	1105.1	1121.1	1153.2
162.5°	1071.8	1064.8	1057.8	1064.8	1071.8	1073.5	1084.0	1098.1	1105.1	1118.6	1145.6
165°	1089.2	1082.9	1076.6	1082.9	1089.2	1090.8	1095.5	1101.9	1105.1	1114.8	1134.2
167.5°	1099.9	1096.8	1093.8	1096.8	1099.9	1100.6	1104.6	1110.0	1112.6	1119.0	1131.7
170°	1111.1	1108.1	1105.1	1108.1	1111.1	1111.8	1112.1	1112.5	1112.6	1119.0	1131.7
172.5°	1112.5	1111.8	1111.1	1111.8	1112.5	1112.6	1112.6	1112.6	1112.6	1117.6	1127.7
175°	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1117.1	1114.2	1112.6	1115.8	1122.1
177.5°	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1117.6	1115.3	1114.1	1116.6	1121.6
180°	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4



TEST NUMBER: P935951
 CATALOG NUMBER: SQ4-FA-150U-075D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2	1273.2
2.5°	1228.6	1225.0	1229.8	1216.5	1229.8	1225.0	1228.6	1237.0	1229.8	1234.6	1239.4
5°	1078.0	1072.0	1052.7	1037.1	1052.7	1072.0	1078.0	1103.3	1115.4	1137.0	1166.0
7.5°	963.6	958.8	954.0	944.3	954.0	958.8	963.6	970.8	982.9	1002.1	1023.8
10°	938.3	939.5	946.7	945.5	946.7	939.5	938.3	935.9	932.3	935.9	949.1
12.5°	1003.3	1014.2	1053.9	1051.5	1053.9	1014.2	1003.3	955.2	922.6	916.6	919.0
15°	1078.0	1081.6	1090.1	1091.3	1090.1	1081.6	1078.0	1058.8	961.2	919.0	905.8
17.5°	1085.3	1086.5	1092.5	1092.5	1092.5	1086.5	1085.3	1076.8	1044.3	987.7	913.0
20°	1079.2	1081.6	1093.7	1096.1	1093.7	1081.6	1079.2	1068.4	1050.3	1029.8	973.2
22.5°	1076.8	1081.6	1091.3	1090.1	1091.3	1081.6	1076.8	1060.0	1044.3	1029.8	1007.0
25°	1064.8	1064.8	1066.0	1067.2	1066.0	1064.8	1064.8	1051.5	1020.2	1016.6	1003.3
27.5°	1039.5	1041.9	1049.1	1047.9	1049.1	1041.9	1039.5	1034.7	1000.9	997.3	987.7
30°	1016.6	1014.2	1008.2	1003.3	1008.2	1014.2	1016.6	1009.4	975.6	966.0	968.4
32.5°	978.1	972.0	966.0	962.4	966.0	972.0	978.1	975.6	950.4	937.1	939.5
35°	932.3	933.5	932.3	928.7	932.3	933.5	932.3	934.7	919.0	907.0	905.8
37.5°	899.8	902.2	901.0	896.1	901.0	902.2	899.8	897.4	875.7	872.1	874.5
40°	866.0	867.2	866.0	862.4	866.0	867.2	866.0	861.2	831.1	832.3	840.7
42.5°	833.5	832.3	828.7	826.3	828.7	832.3	833.5	826.3	787.7	784.1	799.8
45°	796.2	797.4	790.2	786.5	790.2	797.4	796.2	791.4	751.6	742.0	752.8
47.5°	758.8	758.8	752.8	749.2	752.8	758.8	758.8	752.8	710.7	701.0	707.0
50°	719.1	717.9	709.5	708.2	709.5	717.9	719.1	715.5	670.9	662.5	662.5
52.5°	673.3	673.3	674.5	676.9	674.5	673.3	673.3	674.5	634.8	626.3	623.9
55°	633.6	634.8	643.2	645.6	643.2	634.8	633.6	633.6	597.4	589.0	584.2
57.5°	592.6	592.6	598.6	598.6	598.6	592.6	592.6	590.2	555.3	548.0	545.6
60°	545.6	548.0	552.9	551.7	552.9	548.0	545.6	543.2	513.1	508.3	499.9
62.5°	496.3	498.7	499.9	497.5	499.9	498.7	496.3	489.0	471.0	467.3	456.5
65°	444.5	446.9	448.1	445.7	448.1	446.9	444.5	440.8	427.6	421.6	411.9
67.5°	391.5	390.3	389.1	393.9	389.1	390.3	391.5	386.6	378.2	373.4	360.1
70°	337.3	337.3	336.1	338.5	336.1	337.3	337.3	333.6	328.8	325.2	313.2
72.5°	279.4	278.2	283.1	279.4	283.1	278.2	279.4	278.2	275.8	272.2	260.2
75°	222.8	225.2	222.8	226.4	222.8	225.2	222.8	224.0	222.8	220.4	212.0
77.5°	169.8	172.2	169.8	169.8	169.8	172.2	169.8	171.0	171.0	171.0	163.8
80°	120.4	119.2	119.2	118.0	119.2	119.2	120.4	120.4	121.7	119.2	116.8
82.5°	77.1	75.9	75.9	78.3	75.9	75.9	77.1	78.3	75.9	75.9	75.9
85°	42.2	43.4	41.0	41.0	41.0	43.4	42.2	39.7	42.2	42.2	41.0
87.5°	15.7	14.5	14.5	14.5	14.5	14.5	15.7	16.9	16.9	16.9	18.1
90°	28.6	28.6	28.6	28.6	28.6	28.6	28.6	38.1	50.7	57.1	49.1
92.5°	142.8	137.1	114.3	91.6	114.3	137.1	142.8	202.4	281.8	321.5	282.3
95°	484.5	467.3	398.5	329.8	398.5	467.3	484.5	636.3	838.7	939.8	793.8
97.5°	1118.7	1085.9	955.0	824.1	955.0	1085.9	1118.7	1214.5	1342.5	1406.4	1162.8
100°	1570.9	1532.0	1376.0	1220.1	1376.0	1532.0	1570.9	1563.9	1554.5	1549.9	1279.6
102.5°	1957.0	1923.6	1790.0	1656.5	1790.0	1923.6	1957.0	1834.8	1671.8	1590.4	1316.3
105°	2407.8	2389.8	2318.0	2246.2	2318.0	2389.8	2407.8	2133.8	1768.5	1585.9	1320.5
107.5°	2642.2	2646.5	2663.9	2681.2	2663.9	2646.5	2642.2	2260.0	1750.5	1495.7	1261.7
110°	2702.3	2721.0	2795.7	2870.6	2795.7	2721.0	2702.3	2275.1	1705.4	1420.6	1209.6



TEST NUMBER: P935951

CATALOG NUMBER: SQ4-FA-150U-075D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2664.0	2692.7	2807.5	2922.4	2807.5	2692.7	2664.0	2226.7	1643.7	1352.3	1164.1
115°	2533.9	2573.8	2733.0	2892.3	2733.0	2573.8	2533.9	2112.8	1551.2	1270.3	1111.9
117.5°	2354.4	2398.6	2575.2	2751.9	2575.2	2398.6	2354.4	1974.3	1467.5	1214.1	1079.3
120°	2233.5	2276.3	2448.0	2619.6	2448.0	2276.3	2233.5	1886.2	1423.1	1191.5	1068.3
122.5°	2112.5	2154.9	2324.1	2493.4	2324.1	2154.9	2112.5	1799.8	1382.8	1174.2	1062.5
125°	1952.5	1991.4	2147.4	2303.3	2147.4	1991.4	1952.5	1686.8	1332.6	1155.4	1057.8
127.5°	1824.0	1856.9	1988.5	2120.1	1988.5	1856.9	1824.0	1595.9	1291.7	1139.6	1055.0
130°	1742.9	1773.3	1894.8	2016.3	1894.8	1773.3	1742.9	1539.8	1269.1	1133.7	1056.7
132.5°	1673.8	1701.0	1809.8	1918.7	1809.8	1701.0	1673.8	1492.0	1249.5	1128.4	1057.8
135°	1576.1	1599.6	1693.4	1787.2	1693.4	1599.6	1576.1	1423.9	1220.9	1119.4	1056.7
137.5°	1504.0	1523.2	1600.1	1676.8	1600.1	1523.2	1504.0	1375.3	1203.7	1117.9	1063.3
140°	1446.2	1464.1	1535.9	1607.7	1535.9	1464.1	1446.2	1335.0	1186.8	1112.6	1064.4
142.5°	1405.6	1421.0	1482.8	1544.6	1482.8	1421.0	1405.6	1307.9	1177.8	1112.6	1068.2
145°	1344.8	1356.4	1403.2	1449.9	1403.2	1356.4	1344.8	1264.9	1158.3	1105.1	1068.2
147.5°	1293.6	1303.3	1342.1	1380.8	1342.1	1303.3	1293.6	1230.8	1147.0	1105.1	1075.5
150°	1264.3	1272.2	1303.6	1335.0	1303.6	1272.2	1264.3	1211.2	1140.5	1105.1	1079.4
152.5°	1241.0	1247.0	1270.7	1294.4	1270.7	1247.0	1241.0	1195.7	1135.3	1105.1	1081.9
155°	1213.3	1217.2	1232.8	1248.6	1232.8	1217.2	1213.3	1177.2	1129.1	1105.1	1087.4
157.5°	1189.2	1192.0	1203.1	1214.1	1203.1	1192.0	1189.2	1161.2	1123.8	1105.1	1092.9
160°	1177.2	1178.8	1185.1	1191.5	1185.1	1178.8	1177.2	1153.2	1121.1	1105.1	1095.4
162.5°	1166.0	1167.5	1173.4	1179.4	1173.4	1167.5	1166.0	1145.6	1118.6	1105.1	1098.1
165°	1148.7	1150.3	1156.6	1162.9	1156.6	1150.3	1148.7	1134.2	1114.8	1105.1	1101.9
167.5°	1141.1	1141.8	1144.5	1147.2	1144.5	1141.8	1141.1	1131.7	1119.0	1112.6	1110.0
170°	1141.1	1141.1	1141.1	1141.1	1141.1	1141.1	1141.1	1131.7	1119.0	1112.6	1112.5
172.5°	1135.1	1134.6	1132.2	1129.9	1132.2	1134.6	1135.1	1127.7	1117.6	1112.6	1112.6
175°	1126.8	1126.8	1126.8	1126.8	1126.8	1126.8	1126.8	1122.1	1115.8	1112.6	1114.2
177.5°	1125.4	1124.8	1122.0	1119.4	1122.0	1124.8	1125.4	1121.6	1116.6	1114.1	1115.3
180°	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4	1119.4



TEST NUMBER: P935951

CATALOG NUMBER: SQ4-FA-150U-075D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1273.2	1273.2	1273.2	1273.2	1273.2
2.5°	1257.5	1263.5	1267.1	1272.0	1284.0
5°	1209.3	1232.2	1239.4	1257.5	1279.2
7.5°	1103.3	1173.2	1192.5	1235.8	1269.5
10°	1000.9	1070.8	1104.5	1206.9	1257.5
12.5°	949.1	990.1	1013.0	1156.3	1240.6
15°	916.6	945.5	962.4	1088.9	1221.4
17.5°	891.3	911.8	923.9	1022.6	1194.9
20°	875.7	885.3	896.1	974.4	1164.8
22.5°	864.8	858.8	867.2	940.7	1123.8
25°	857.6	834.7	844.4	914.2	1075.6
27.5°	863.6	813.0	816.7	890.1	1025.0
30°	864.8	786.5	787.7	864.8	968.4
32.5°	856.4	758.8	760.0	833.5	904.6
35°	835.9	726.3	725.1	797.4	817.9
37.5°	808.2	691.4	691.4	757.6	722.7
40°	774.5	656.5	660.1	705.8	638.4
42.5°	733.5	619.1	623.9	637.2	575.8
45°	689.0	583.0	586.6	538.4	527.6
47.5°	639.6	545.6	546.8	446.9	511.9
50°	580.6	507.1	502.3	383.0	510.7
52.5°	528.8	464.9	450.5	346.9	463.7
55°	478.2	420.4	389.1	319.2	430.0
57.5°	433.6	362.6	332.4	286.7	422.8
60°	392.7	305.9	283.1	251.7	387.8
62.5°	358.9	263.8	259.0	227.7	351.7
65°	322.8	234.9	233.7	207.2	298.7
67.5°	287.9	215.6	214.4	187.9	227.7
70°	250.5	195.1	192.7	167.4	168.6
72.5°	212.0	172.2	169.8	150.6	139.7
75°	173.4	145.7	144.5	131.3	113.2
77.5°	136.1	115.6	118.0	106.0	83.1
80°	97.6	84.3	86.7	75.9	62.6
82.5°	65.0	55.4	57.8	48.2	42.2
85°	36.1	31.3	32.5	25.3	19.3
87.5°	16.9	14.5	14.5	9.6	6.0
90°	33.1	21.0	19.5	13.6	7.5
92.5°	203.9	145.0	132.3	81.1	30.0
95°	501.6	282.5	259.1	165.6	72.1
97.5°	675.6	310.3	289.6	207.2	124.7
100°	739.0	333.6	314.9	240.1	165.3
102.5°	768.1	356.9	339.4	269.6	199.9
105°	789.6	391.4	376.6	317.5	258.4
107.5°	793.5	442.5	428.7	373.6	318.6
110°	787.6	471.0	458.6	408.9	359.1



TEST NUMBER: P935951

CATALOG NUMBER: SQ4-FA-150U-075D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	787.8	505.6	493.7	446.3	398.9
115°	795.1	557.4	546.5	502.8	459.0
117.5°	809.9	607.8	597.8	558.1	518.3
120°	821.9	637.1	627.8	590.4	552.9
122.5°	839.1	671.6	662.2	624.5	586.8
125°	862.4	716.0	707.4	672.9	638.5
127.5°	885.7	758.8	750.1	715.3	680.6
130°	902.8	787.3	778.0	740.6	703.2
132.5°	916.5	810.6	801.3	763.9	726.5
135°	931.6	837.7	829.2	795.1	761.0
137.5°	954.1	872.2	863.8	830.1	796.3
140°	967.9	895.5	887.7	856.7	825.6
142.5°	979.4	912.8	905.6	876.9	848.1
145°	994.4	939.1	932.8	907.8	882.7
147.5°	1016.4	972.1	966.0	941.7	917.3
150°	1027.9	989.4	983.8	961.8	939.8
152.5°	1035.5	1000.7	996.5	979.8	963.1
155°	1052.0	1025.4	1022.4	1010.0	997.6
157.5°	1068.6	1050.2	1047.3	1035.2	1023.2
160°	1076.0	1061.5	1059.2	1049.8	1040.5
162.5°	1084.0	1073.5	1071.8	1064.8	1057.8
165°	1095.5	1090.8	1089.2	1082.9	1076.6
167.5°	1104.6	1100.6	1099.9	1096.8	1093.8
170°	1112.1	1111.8	1111.1	1108.1	1105.1
172.5°	1112.6	1112.6	1112.5	1111.8	1111.1
175°	1117.1	1119.4	1119.4	1119.4	1119.4
177.5°	1117.6	1119.4	1119.4	1119.4	1119.4
180°	1119.4	1119.4	1119.4	1119.4	1119.4



TEST NUMBER: P935951
 CATALOG NUMBER: SQ4-FA-150U-075D-930-1D-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	9.93	10.65	11.04	11.75	13.26	12.76	13.47	13.86	14.57	16.09
	3H	10.40	11.04	11.51	12.15	13.68	14.09	14.73	15.20	15.84	17.37
	4H	10.58	11.19	11.70	12.30	13.84	14.53	15.13	15.65	16.24	17.78
	6H	10.69	11.25	11.82	12.36	13.91	14.80	15.36	15.93	16.47	18.02
	8H	10.69	11.22	11.82	12.35	13.89	14.87	15.40	16.00	16.53	18.07
	12H	10.66	11.16	11.79	12.28	13.85	14.90	15.41	16.04	16.53	18.09
4H	2H	10.95	11.55	12.07	12.66	14.20	13.15	13.76	14.28	14.86	16.40
	3H	11.96	12.47	13.09	13.60	15.15	14.64	15.15	15.77	16.28	17.83
	4H	12.23	12.69	13.37	13.82	15.39	15.16	15.62	16.30	16.75	18.32
	6H	12.35	12.74	13.49	13.89	15.45	15.51	15.91	16.66	17.06	18.62
	8H	12.35	12.72	13.49	13.86	15.44	15.62	15.99	16.76	17.13	18.71
	12H	12.31	12.65	13.47	13.80	15.38	15.67	16.00	16.83	17.15	18.74
8H	4H	12.67	13.04	13.81	14.18	15.76	15.27	15.64	16.42	16.78	18.36
	6H	12.92	13.23	14.09	14.41	15.99	15.70	16.01	16.87	17.19	18.76
	8H	12.97	13.23	14.14	14.39	15.99	15.85	16.12	17.02	17.28	18.87
	12H	12.94	13.18	14.12	14.34	15.97	15.94	16.18	17.12	17.33	18.96
12H	4H	12.67	13.01	13.83	14.16	15.74	15.23	15.57	16.39	16.72	18.30
	6H	12.98	13.25	14.15	14.41	16.01	15.70	15.96	16.87	17.12	18.72
	8H	13.04	13.28	14.22	14.44	16.07	15.85	16.09	17.02	17.24	18.87