

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: P935072

Luminaire Tested: SQ4-FA-100U-050D-935-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935072
REPORT IS A COMBINATION OF REPORTS P933740 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-050D-935-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

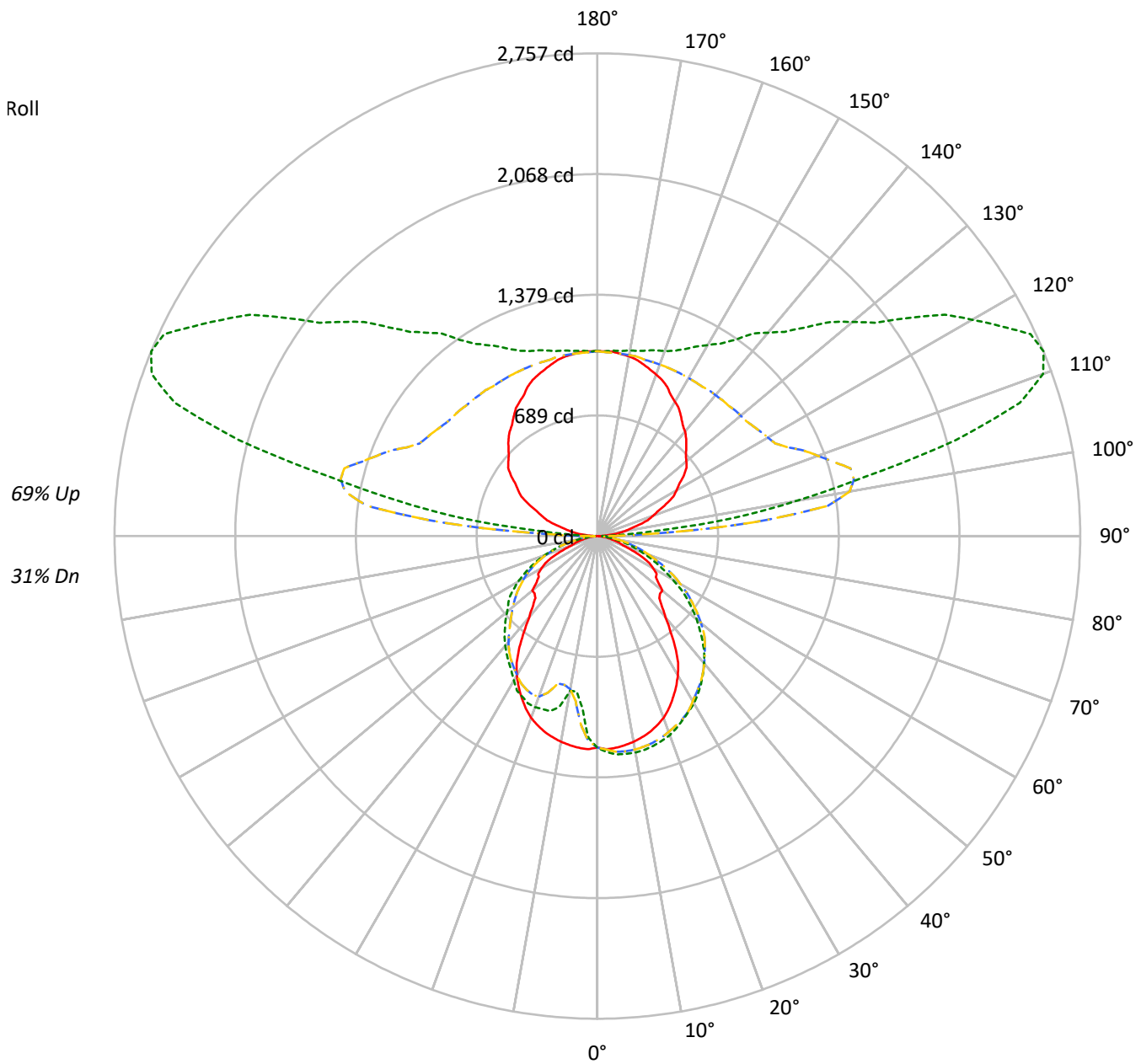
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9982.0 lumens
Efficiency: N/A
Efficacy: 121.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 82.4
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: P935072
CATALOG NUMBER: SQ4-FA-100U-050D-935-1D-UNV-STD-W-8

Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	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	35	34	33	35	34	33	27
2	85	78	72	67	76	70	65	61	56	53	50	43	40	38	30	29	28	30	29	28	22
3	78	69	62	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	34	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	24	21	20	17	15	20	17	15	12
7	55	43	36	30	49	39	33	28	32	27	23	25	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	15	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°	5605	5605	5605	5605
5°	5646	5657	5646	4449
10°	5609	5573	5609	3984
15°	5547	5452	5547	4553
20°	5431	5309	5431	4562
25°	5194	5100	5194	4465
30°	4887	4927	4887	4253
35°	4357	4708	4357	4020
40°	3630	4450	3630	3844
45°	3244	4148	3244	3641
50°	3446	3789	3446	3438
55°	3242	3400	3242	3320
60°	3342	2888	3342	3041
65°	3030	2388	3030	2668
70°	2098	1903	2098	2237
75°	1839	1406	1839	1685
80°	1482	929	1482	1012
85°	852	493	852	419

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 4971 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.0	1.1
10°-20°	309.6	3.1
20°-30°	478.6	4.8
30°-40°	571.3	5.7
40°-50°	574.7	5.8
50°-60°	500.0	5.0
60°-70°	354.5	3.6
70°-80°	187.6	1.9
80°-90°	50.7	0.5
90°-100°	514.8	5.2
100°-110°	1353.4	13.6
110°-120°	1403.3	14.1
120°-130°	1125.6	11.3
130°-140°	883.2	8.8
140°-150°	677.9	6.8
150°-160°	488.2	4.9
160°-170°	298.7	3.0
170°-180°	100.9	1.0
0°-30°	897.2	9.0
0°-40°	1468.5	14.7
0°-60°	2543.1	25.5
0°-90°	3136.0	31.4
90°-120°	3271.5	32.8
90°-150°	5958.2	59.7
90°-180°	6846.0	68.6
0°-180°	9982.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1208	1208	1208	1208	1208	
5°	1214	1251	1214	984	1214	115
15°	1159	1240	1159	1035	1159	326
25°	1020	1156	1020	1012	1020	469
35°	776	1032	776	881	776	480
45°	501	850	501	746	501	401
55°	408	627	408	612	408	375
65°	283	378	283	423	283	271
75°	107	179	107	215	107	113
85°	18	46	18	39	18	25
90°	7	27	7	27	7	7
95°	68	311	68	311	68	76
105°	244	2119	244	2119	244	258
115°	433	2729	433	2729	433	428
125°	602	2173	602	2173	602	535
135°	718	1686	718	1686	718	555
145°	833	1368	833	1368	833	522
155°	941	1178	941	1178	941	432
165°	1016	1097	1016	1097	1016	287
175°	1056	1063	1056	1063	1056	100
180°	1056	1056	1056	1056	1056	



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CATALOG NUMBER: SQ4-FA-100U-050D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0
2.5°	1218.2	1218.2	1225.1	1227.4	1227.4	1223.9	1220.5	1223.9	1234.2	1237.6	1236.5
5°	1213.7	1222.8	1235.4	1237.6	1239.9	1238.8	1236.5	1238.8	1250.2	1252.5	1253.6
7.5°	1204.5	1221.7	1237.6	1241.1	1244.5	1241.1	1239.9	1242.2	1253.6	1255.9	1255.9
10°	1193.1	1217.1	1235.4	1237.6	1241.1	1237.6	1237.6	1242.2	1253.6	1255.9	1257.0
12.5°	1177.0	1210.2	1227.4	1229.6	1234.2	1233.1	1231.9	1236.5	1247.9	1250.2	1250.2
15°	1158.8	1197.7	1213.7	1215.9	1223.9	1221.7	1221.7	1226.2	1238.8	1242.2	1241.1
17.5°	1133.7	1181.6	1200.0	1203.4	1209.1	1208.0	1209.1	1213.7	1225.1	1227.4	1228.5
20°	1105.0	1159.9	1181.6	1185.0	1190.8	1190.8	1190.8	1196.5	1208.0	1212.5	1212.5
22.5°	1066.2	1137.1	1159.9	1162.2	1169.1	1169.1	1171.3	1179.3	1189.6	1190.8	1190.8
25°	1020.5	1111.9	1131.4	1138.2	1145.1	1148.5	1151.9	1156.5	1159.9	1158.8	1159.9
27.5°	972.6	1079.9	1105.0	1109.6	1118.8	1122.3	1126.8	1128.0	1129.1	1132.5	1130.3
30°	918.8	1035.4	1073.1	1077.7	1092.5	1094.8	1090.2	1092.5	1098.2	1100.5	1102.8
32.5°	858.2	969.1	1040.0	1050.3	1064.0	1057.1	1056.0	1059.4	1068.5	1068.5	1070.8
35°	775.9	917.7	1009.1	1018.2	1028.5	1020.5	1025.1	1026.2	1031.9	1035.4	1034.2
37.5°	685.7	873.1	977.1	984.0	992.0	981.7	988.5	992.0	996.5	994.2	994.2
40°	605.7	803.4	939.4	943.9	950.8	942.8	949.6	951.9	954.2	951.9	950.8
42.5°	546.2	726.8	899.4	905.1	900.5	906.3	908.5	913.1	909.7	905.1	905.1
45°	500.6	706.2	855.9	862.8	855.9	865.1	868.5	868.5	858.2	855.9	854.8
47.5°	485.7	665.1	812.6	812.6	809.1	820.6	826.3	818.3	808.0	804.5	804.5
50°	484.5	619.4	753.1	748.6	764.5	778.2	772.5	764.5	756.5	744.0	744.0
52.5°	440.0	563.4	676.6	693.7	718.8	726.8	717.6	709.7	696.0	690.2	685.7
55°	407.9	505.2	606.8	641.1	667.4	677.7	660.6	652.5	631.9	628.5	626.2
57.5°	401.1	420.5	542.8	586.3	618.2	617.1	606.8	592.0	574.8	571.4	570.2
60°	368.0	304.0	474.2	525.7	558.8	555.4	546.2	532.5	516.6	514.3	512.0
62.5°	333.7	220.6	396.5	454.8	501.7	500.6	492.5	472.0	460.5	454.8	450.3
65°	283.4	185.1	282.3	378.3	445.7	448.0	430.9	415.9	403.4	396.5	395.4
67.5°	216.0	150.9	190.8	315.4	392.0	389.7	368.0	361.2	345.1	341.7	334.8
70°	160.0	100.5	132.6	256.0	339.4	333.7	316.5	308.6	293.7	285.7	281.2
72.5°	132.6	81.1	97.1	198.9	285.7	278.9	263.9	254.8	242.3	235.4	230.8
75°	107.4	85.7	74.3	147.4	232.0	227.4	213.7	204.6	194.3	185.1	186.2
77.5°	78.9	80.0	59.4	108.5	184.0	177.1	169.1	157.7	153.1	144.0	144.0
80°	59.4	62.9	44.6	74.3	132.6	132.6	125.7	117.7	109.7	105.1	105.1
82.5°	40.0	40.0	33.1	46.9	90.3	86.8	82.3	80.0	75.4	73.1	73.1
85°	18.3	22.8	20.5	28.5	49.2	51.5	51.5	49.2	48.0	45.8	46.9
87.5°	5.7	10.3	12.6	16.0	25.1	26.3	27.4	27.4	27.4	28.5	28.5
90°	7.1	12.8	18.4	19.9	31.2	46.3	53.8	47.9	35.9	26.9	26.9
92.5°	28.4	76.6	124.8	136.8	192.3	266.3	303.3	265.8	190.9	134.7	129.3
95°	68.1	156.3	244.4	266.5	473.2	748.8	886.7	791.3	600.3	457.2	441.0
97.5°	117.7	195.4	273.3	292.7	637.5	1097.0	1326.8	1266.5	1145.9	1055.4	1024.5
100°	155.9	226.5	297.1	314.7	697.2	1207.2	1462.2	1466.6	1475.4	1482.1	1445.2
102.5°	188.5	254.3	320.2	336.6	724.5	1241.8	1500.5	1577.3	1731.1	1846.4	1814.8
105°	243.8	299.6	355.3	369.3	744.9	1245.8	1496.2	1668.5	2013.1	2271.6	2254.6
107.5°	300.5	352.5	404.4	417.5	748.7	1190.3	1411.2	1651.5	2132.2	2492.7	2496.8
110°	338.8	385.7	432.6	444.4	743.0	1141.2	1340.3	1609.0	2146.4	2549.4	2567.1



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CATALOG NUMBER: SQ4-FA-100U-050D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	376.3	421.1	465.9	477.0	743.3	1098.3	1275.8	1550.8	2100.8	2513.3	2540.4
115°	433.1	474.3	515.6	525.9	750.1	1049.1	1198.5	1463.5	1993.3	2390.7	2428.3
117.5°	489.0	526.5	564.0	573.4	764.1	1018.2	1145.3	1384.4	1862.6	2221.2	2262.9
120°	521.7	557.0	592.2	601.0	775.4	1007.9	1124.1	1342.6	1779.5	2107.2	2147.6
122.5°	553.5	589.2	624.8	633.6	791.7	1002.4	1107.8	1304.5	1698.0	1993.1	2033.0
125°	602.4	634.9	667.4	675.5	813.7	997.9	1090.0	1257.2	1591.5	1842.1	1878.9
127.5°	642.2	674.9	707.7	715.9	835.6	995.4	1075.2	1218.7	1505.7	1720.9	1751.9
130°	663.4	698.6	733.9	742.8	851.7	996.9	1069.5	1197.2	1452.7	1644.4	1673.0
132.5°	685.3	720.6	755.9	764.8	864.7	997.9	1064.6	1178.9	1407.6	1579.1	1604.7
135°	718.0	750.1	782.3	790.3	878.9	997.0	1056.1	1151.8	1343.3	1487.0	1509.1
137.5°	751.3	783.1	814.9	822.9	900.1	1003.1	1054.6	1135.5	1297.5	1418.9	1437.1
140°	778.9	808.2	837.5	844.8	913.1	1004.2	1049.7	1119.6	1259.5	1364.4	1381.3
142.5°	800.2	827.3	854.4	861.1	924.0	1007.7	1049.7	1111.1	1234.0	1326.1	1340.7
145°	832.8	856.4	880.1	886.0	938.2	1007.8	1042.6	1092.9	1193.3	1268.7	1279.7
147.5°	865.4	888.4	911.4	917.2	959.0	1014.7	1042.6	1082.1	1161.2	1220.5	1229.6
150°	886.7	907.5	928.3	933.5	969.8	1018.3	1042.6	1076.0	1142.8	1192.9	1200.3
152.5°	908.7	924.4	940.2	944.1	976.9	1020.7	1042.6	1071.1	1128.1	1170.9	1176.5
155°	941.2	952.9	964.5	967.4	992.5	1025.9	1042.6	1065.3	1110.7	1144.7	1148.3
157.5°	965.3	976.6	988.1	990.9	1008.1	1031.1	1042.6	1060.2	1095.5	1122.0	1124.6
160°	981.7	990.5	999.3	1001.5	1015.2	1033.5	1042.6	1057.8	1088.0	1110.7	1112.2
162.5°	997.9	1004.6	1011.2	1012.9	1022.7	1035.9	1042.6	1055.4	1080.8	1100.0	1101.5
165°	1015.7	1021.6	1027.6	1029.1	1033.6	1039.6	1042.6	1051.7	1070.0	1083.7	1085.3
167.5°	1031.9	1034.8	1037.7	1038.3	1042.1	1047.1	1049.7	1055.6	1067.6	1076.6	1077.2
170°	1042.6	1045.4	1048.3	1049.0	1049.2	1049.5	1049.7	1055.6	1067.6	1076.6	1076.6
172.5°	1048.3	1048.9	1049.5	1049.7	1049.7	1049.7	1049.7	1054.4	1063.9	1071.0	1070.5
175°	1056.1	1056.1	1056.1	1056.1	1053.9	1051.1	1049.7	1052.6	1058.6	1063.1	1063.1
177.5°	1056.1	1056.1	1056.1	1056.1	1054.4	1052.2	1051.1	1053.5	1058.2	1061.8	1061.2
180°	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0
2.5°	1238.8	1235.4	1238.8	1236.5	1237.6	1234.2	1223.9	1220.5	1223.9	1227.4	1227.4
5°	1253.6	1251.3	1253.6	1253.6	1252.5	1250.2	1238.8	1236.5	1238.8	1239.9	1237.6
7.5°	1258.2	1254.8	1258.2	1255.9	1255.9	1253.6	1242.2	1239.9	1241.1	1244.5	1241.1
10°	1258.2	1254.8	1258.2	1257.0	1255.9	1253.6	1242.2	1237.6	1237.6	1241.1	1237.6
12.5°	1252.5	1250.2	1252.5	1250.2	1250.2	1247.9	1236.5	1231.9	1233.1	1234.2	1229.6
15°	1243.3	1239.9	1243.3	1241.1	1242.2	1238.8	1226.2	1221.7	1221.7	1223.9	1215.9
17.5°	1229.6	1225.1	1229.6	1228.5	1227.4	1225.1	1213.7	1209.1	1208.0	1209.1	1203.4
20°	1213.7	1210.2	1213.7	1212.5	1212.5	1208.0	1196.5	1190.8	1190.8	1190.8	1185.0
22.5°	1188.5	1185.0	1188.5	1190.8	1190.8	1189.6	1179.3	1171.3	1169.1	1169.1	1162.2
25°	1159.9	1156.5	1159.9	1159.9	1158.8	1159.9	1156.5	1151.9	1148.5	1145.1	1138.2
27.5°	1132.5	1130.3	1132.5	1130.3	1132.5	1129.1	1128.0	1126.8	1122.3	1118.8	1109.6
30°	1105.0	1102.8	1105.0	1102.8	1100.5	1098.2	1092.5	1090.2	1094.8	1092.5	1077.7
32.5°	1070.8	1068.5	1070.8	1070.8	1068.5	1068.5	1059.4	1056.0	1057.1	1064.0	1050.3
35°	1035.4	1031.9	1035.4	1034.2	1035.4	1031.9	1026.2	1025.1	1020.5	1028.5	1018.2
37.5°	994.2	990.8	994.2	994.2	994.2	996.5	992.0	988.5	981.7	992.0	984.0
40°	951.9	947.3	951.9	950.8	951.9	954.2	951.9	949.6	942.8	950.8	943.9
42.5°	904.0	902.8	904.0	905.1	905.1	909.7	913.1	908.5	906.3	900.5	905.1
45°	852.5	850.2	852.5	854.8	855.9	858.2	868.5	868.5	865.1	855.9	862.8
47.5°	797.6	791.9	797.6	804.5	804.5	808.0	818.3	826.3	820.6	809.1	812.6
50°	739.4	740.6	739.4	744.0	744.0	756.5	764.5	772.5	778.2	764.5	748.6
52.5°	682.3	681.1	682.3	685.7	690.2	696.0	709.7	717.6	726.8	718.8	693.7
55°	625.1	627.4	625.1	626.2	628.5	631.9	652.5	660.6	677.7	667.4	641.1
57.5°	567.9	564.5	567.9	570.2	571.4	574.8	592.0	606.8	617.1	618.2	586.3
60°	501.7	497.1	501.7	512.0	514.3	516.6	532.5	546.2	555.4	558.8	525.7
62.5°	443.4	435.4	443.4	450.3	454.8	460.5	472.0	492.5	500.6	501.7	454.8
65°	381.7	378.3	381.7	395.4	396.5	403.4	415.9	430.9	448.0	445.7	378.3
67.5°	325.7	325.7	325.7	334.8	341.7	345.1	361.2	368.0	389.7	392.0	315.4
70°	274.3	273.2	274.3	281.2	285.7	293.7	308.6	316.5	333.7	339.4	256.0
72.5°	225.1	224.0	225.1	230.8	235.4	242.3	254.8	263.9	278.9	285.7	198.9
75°	181.7	179.4	181.7	186.2	185.1	194.3	204.6	213.7	227.4	232.0	147.4
77.5°	139.4	139.4	139.4	144.0	144.0	153.1	157.7	169.1	177.1	184.0	108.5
80°	104.0	102.8	104.0	105.1	105.1	109.7	117.7	125.7	132.6	132.6	74.3
82.5°	73.1	70.9	73.1	73.1	73.1	75.4	80.0	82.3	86.8	90.3	46.9
85°	45.8	45.8	45.8	46.9	45.8	48.0	49.2	51.5	51.5	49.2	28.5
87.5°	29.7	28.5	29.7	28.5	28.5	27.4	27.4	27.4	26.3	25.1	16.0
90°	26.9	26.9	26.9	26.9	26.9	35.9	47.9	53.8	46.3	31.2	19.9
92.5°	107.9	86.5	107.9	129.3	134.7	190.9	265.8	303.3	266.3	192.3	136.8
95°	376.1	311.2	376.1	441.0	457.2	600.3	791.3	886.7	748.8	473.2	266.5
97.5°	901.0	777.5	901.0	1024.5	1055.4	1145.9	1266.5	1326.8	1097.0	637.5	292.7
100°	1298.2	1151.1	1298.2	1445.2	1482.1	1475.4	1466.6	1462.2	1207.2	697.2	314.7
102.5°	1688.8	1562.8	1688.8	1814.8	1846.4	1731.1	1577.3	1500.5	1241.8	724.5	336.6
105°	2186.9	2119.2	2186.9	2254.6	2271.6	2013.1	1668.5	1496.2	1245.8	744.9	369.3
107.5°	2513.2	2529.6	2513.2	2496.8	2492.7	2132.2	1651.5	1411.2	1190.3	748.7	417.5
110°	2637.6	2708.2	2637.6	2567.1	2549.4	2146.4	1609.0	1340.3	1141.2	743.0	444.4



TEST NUMBER: P935072

CATALOG NUMBER: SQ4-FA-100U-050D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2648.7	2757.1	2648.7	2540.4	2513.3	2100.8	1550.8	1275.8	1098.3	743.3	477.0
115°	2578.5	2728.8	2578.5	2428.3	2390.7	1993.3	1463.5	1198.5	1049.1	750.1	525.9
117.5°	2429.6	2596.2	2429.6	2262.9	2221.2	1862.6	1384.4	1145.3	1018.2	764.1	573.4
120°	2309.6	2471.5	2309.6	2147.6	2107.2	1779.5	1342.6	1124.1	1007.9	775.4	601.0
122.5°	2192.7	2352.4	2192.7	2033.0	1993.1	1698.0	1304.5	1107.8	1002.4	791.7	633.6
125°	2026.0	2173.1	2026.0	1878.9	1842.1	1591.5	1257.2	1090.0	997.9	813.7	675.5
127.5°	1876.0	2000.2	1876.0	1751.9	1720.9	1505.7	1218.7	1075.2	995.4	835.6	715.9
130°	1787.7	1902.3	1787.7	1673.0	1644.4	1452.7	1197.2	1069.5	996.9	851.7	742.8
132.5°	1707.5	1810.2	1707.5	1604.7	1579.1	1407.6	1178.9	1064.6	997.9	864.7	764.8
135°	1597.7	1686.2	1597.7	1509.1	1487.0	1343.3	1151.8	1056.1	997.0	878.9	790.3
137.5°	1509.5	1582.0	1509.5	1437.1	1418.9	1297.5	1135.5	1054.6	1003.1	900.1	822.9
140°	1449.0	1516.7	1449.0	1381.3	1364.4	1259.5	1119.6	1049.7	1004.2	913.1	844.8
142.5°	1399.0	1457.3	1399.0	1340.7	1326.1	1234.0	1111.1	1049.7	1007.7	924.0	861.1
145°	1323.8	1367.9	1323.8	1279.7	1268.7	1193.3	1092.9	1042.6	1007.8	938.2	886.0
147.5°	1266.2	1302.7	1266.2	1229.6	1220.5	1161.2	1082.1	1042.6	1014.7	959.0	917.2
150°	1229.9	1259.5	1229.9	1200.3	1192.9	1142.8	1076.0	1042.6	1018.3	969.8	933.5
152.5°	1198.8	1221.2	1198.8	1176.5	1170.9	1128.1	1071.1	1042.6	1020.7	976.9	944.1
155°	1163.2	1178.0	1163.2	1148.3	1144.7	1110.7	1065.3	1042.6	1025.9	992.5	967.4
157.5°	1134.9	1145.3	1134.9	1124.6	1122.0	1095.5	1060.2	1042.6	1031.1	1008.1	990.9
160°	1118.2	1124.1	1118.2	1112.2	1110.7	1088.0	1057.8	1042.6	1033.5	1015.2	1001.5
162.5°	1107.1	1112.8	1107.1	1101.5	1100.0	1080.8	1055.4	1042.6	1035.9	1022.7	1012.9
165°	1091.2	1097.2	1091.2	1085.3	1083.7	1070.0	1051.7	1042.6	1039.6	1033.6	1029.1
167.5°	1079.7	1082.3	1079.7	1077.2	1076.6	1067.6	1055.6	1049.7	1047.1	1042.1	1038.3
170°	1076.6	1076.6	1076.6	1076.6	1076.6	1067.6	1055.6	1049.7	1049.5	1049.2	1049.0
172.5°	1068.2	1066.0	1068.2	1070.5	1071.0	1063.9	1054.4	1049.7	1049.7	1049.7	1049.7
175°	1063.1	1063.1	1063.1	1063.1	1063.1	1058.6	1052.6	1049.7	1051.1	1053.9	1056.1
177.5°	1058.6	1056.1	1058.6	1061.2	1061.8	1058.2	1053.5	1051.1	1052.2	1054.4	1056.1
180°	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1



TEST NUMBER: P935072

CATALOG NUMBER: SQ4-FA-100U-050D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0
2.5°	1225.1	1218.2	1218.2	1206.8	1202.3	1198.8	1193.1	1175.9	1171.3	1166.8	1173.6
5°	1235.4	1222.8	1213.7	1193.1	1175.9	1169.1	1147.4	1106.2	1078.8	1058.2	1046.8
7.5°	1237.6	1221.7	1204.5	1172.5	1131.4	1113.1	1046.8	971.4	950.8	932.5	921.1
10°	1235.4	1217.1	1193.1	1145.1	1048.0	1015.9	949.6	900.5	888.0	884.5	888.0
12.5°	1227.4	1210.2	1177.0	1097.1	961.1	939.4	900.5	871.9	869.6	875.3	906.3
15°	1213.7	1197.7	1158.8	1033.0	913.1	897.1	869.6	859.4	871.9	912.0	1004.5
17.5°	1200.0	1181.6	1133.7	970.3	876.5	865.1	845.7	866.2	937.1	990.8	1021.6
20°	1181.6	1159.9	1105.0	924.5	850.2	840.0	830.8	923.4	977.1	996.5	1013.6
22.5°	1159.9	1137.1	1066.2	892.6	822.8	814.9	820.6	955.3	977.1	990.8	1005.6
25°	1131.4	1111.9	1020.5	867.4	801.1	791.9	813.7	951.9	964.5	968.0	997.7
27.5°	1105.0	1079.9	972.6	844.5	774.8	771.4	819.4	937.1	946.2	949.6	981.7
30°	1073.1	1035.4	918.8	820.6	747.4	746.3	820.6	918.8	916.5	925.7	957.6
32.5°	1040.0	969.1	858.2	790.8	721.1	719.9	812.6	891.4	889.1	901.7	925.7
35°	1009.1	917.7	775.9	756.5	688.0	689.1	793.1	859.4	860.5	871.9	886.8
37.5°	977.1	873.1	685.7	718.8	656.0	656.0	766.8	829.7	827.4	830.8	851.4
40°	939.4	803.4	605.7	669.7	626.2	622.8	734.8	797.6	789.6	788.5	817.1
42.5°	899.4	726.8	546.2	604.6	592.0	587.4	696.0	758.8	744.0	747.4	783.9
45°	855.9	706.2	500.6	510.9	556.5	553.1	653.7	714.2	703.9	713.1	750.8
47.5°	812.6	665.1	485.7	424.0	518.9	517.7	606.8	670.8	665.1	674.3	714.2
50°	753.1	619.4	484.5	363.4	476.5	481.1	550.8	628.5	628.5	636.5	678.8
52.5°	676.6	563.4	440.0	329.1	427.4	441.1	501.7	592.0	594.3	602.3	639.9
55°	606.8	505.2	407.9	302.8	369.1	398.8	453.7	554.2	558.8	566.8	601.1
57.5°	542.8	420.5	401.1	272.0	315.4	344.0	411.4	517.7	520.0	526.8	559.9
60°	474.2	304.0	368.0	238.8	268.6	290.3	372.6	474.2	482.2	486.8	515.4
62.5°	396.5	220.6	333.7	216.0	245.7	250.2	340.5	433.2	443.4	446.9	464.0
65°	282.3	185.1	283.4	196.6	221.7	222.9	306.3	390.8	400.0	405.7	418.2
67.5°	190.8	150.9	216.0	178.2	203.5	204.6	273.2	341.7	354.3	358.9	366.9
70°	132.6	100.5	160.0	158.8	182.8	185.1	237.7	297.1	308.6	312.0	316.5
72.5°	97.1	81.1	132.6	142.9	161.1	163.4	201.2	246.8	258.2	261.7	263.9
75°	74.3	85.7	107.4	124.6	137.2	138.3	164.5	201.2	209.2	211.4	212.6
77.5°	59.4	80.0	78.9	100.5	112.0	109.7	129.2	155.4	162.3	162.3	162.3
80°	44.6	62.9	59.4	72.0	82.3	80.0	92.5	110.8	113.1	115.4	114.3
82.5°	33.1	40.0	40.0	45.8	54.9	52.6	61.7	72.0	72.0	72.0	74.3
85°	20.5	22.8	18.3	24.0	30.8	29.7	34.3	38.9	40.0	40.0	37.7
87.5°	12.6	10.3	5.7	9.1	13.7	13.7	16.0	17.1	16.0	16.0	16.0
90°	18.4	12.8	7.1	12.8	18.4	19.9	31.2	46.3	53.8	47.9	35.9
92.5°	124.8	76.6	28.4	76.6	124.8	136.8	192.3	266.3	303.3	265.8	190.9
95°	244.4	156.3	68.1	156.3	244.4	266.5	473.2	748.8	886.7	791.3	600.3
97.5°	273.3	195.4	117.7	195.4	273.3	292.7	637.5	1097.0	1326.8	1266.5	1145.9
100°	297.1	226.5	155.9	226.5	297.1	314.7	697.2	1207.2	1462.2	1466.6	1475.4
102.5°	320.2	254.3	188.5	254.3	320.2	336.6	724.5	1241.8	1500.5	1577.3	1731.1
105°	355.3	299.6	243.8	299.6	355.3	369.3	744.9	1245.8	1496.2	1668.5	2013.1
107.5°	404.4	352.5	300.5	352.5	404.4	417.5	748.7	1190.3	1411.2	1651.5	2132.2
110°	432.6	385.7	338.8	385.7	432.6	444.4	743.0	1141.2	1340.3	1609.0	2146.4



TEST NUMBER: P935072

CATALOG NUMBER: SQ4-FA-100U-050D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	465.9	421.1	376.3	421.1	465.9	477.0	743.3	1098.3	1275.8	1550.8	2100.8
115°	515.6	474.3	433.1	474.3	515.6	525.9	750.1	1049.1	1198.5	1463.5	1993.3
117.5°	564.0	526.5	489.0	526.5	564.0	573.4	764.1	1018.2	1145.3	1384.4	1862.6
120°	592.2	557.0	521.7	557.0	592.2	601.0	775.4	1007.9	1124.1	1342.6	1779.5
122.5°	624.8	589.2	553.5	589.2	624.8	633.6	791.7	1002.4	1107.8	1304.5	1698.0
125°	667.4	634.9	602.4	634.9	667.4	675.5	813.7	997.9	1090.0	1257.2	1591.5
127.5°	707.7	674.9	642.2	674.9	707.7	715.9	835.6	995.4	1075.2	1218.7	1505.7
130°	733.9	698.6	663.4	698.6	733.9	742.8	851.7	996.9	1069.5	1197.2	1452.7
132.5°	755.9	720.6	685.3	720.6	755.9	764.8	864.7	997.9	1064.6	1178.9	1407.6
135°	782.3	750.1	718.0	750.1	782.3	790.3	878.9	997.0	1056.1	1151.8	1343.3
137.5°	814.9	783.1	751.3	783.1	814.9	822.9	900.1	1003.1	1054.6	1135.5	1297.5
140°	837.5	808.2	778.9	808.2	837.5	844.8	913.1	1004.2	1049.7	1119.6	1259.5
142.5°	854.4	827.3	800.2	827.3	854.4	861.1	924.0	1007.7	1049.7	1111.1	1234.0
145°	880.1	856.4	832.8	856.4	880.1	886.0	938.2	1007.8	1042.6	1092.9	1193.3
147.5°	911.4	888.4	865.4	888.4	911.4	917.2	959.0	1014.7	1042.6	1082.1	1161.2
150°	928.3	907.5	886.7	907.5	928.3	933.5	969.8	1018.3	1042.6	1076.0	1142.8
152.5°	940.2	924.4	908.7	924.4	940.2	944.1	976.9	1020.7	1042.6	1071.1	1128.1
155°	964.5	952.9	941.2	952.9	964.5	967.4	992.5	1025.9	1042.6	1065.3	1110.7
157.5°	988.1	976.6	965.3	976.6	988.1	990.9	1008.1	1031.1	1042.6	1060.2	1095.5
160°	999.3	990.5	981.7	990.5	999.3	1001.5	1015.2	1033.5	1042.6	1057.8	1088.0
162.5°	1011.2	1004.6	997.9	1004.6	1011.2	1012.9	1022.7	1035.9	1042.6	1055.4	1080.8
165°	1027.6	1021.6	1015.7	1021.6	1027.6	1029.1	1033.6	1039.6	1042.6	1051.7	1070.0
167.5°	1037.7	1034.8	1031.9	1034.8	1037.7	1038.3	1042.1	1047.1	1049.7	1055.6	1067.6
170°	1048.3	1045.4	1042.6	1045.4	1048.3	1049.0	1049.2	1049.5	1049.7	1055.6	1067.6
172.5°	1049.5	1048.9	1048.3	1048.9	1049.5	1049.7	1049.7	1049.7	1049.7	1054.4	1063.9
175°	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1053.9	1051.1	1049.7	1052.6	1058.6
177.5°	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1054.4	1052.2	1051.1	1053.5	1058.2
180°	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1



TEST NUMBER: P935072

CATALOG NUMBER: SQ4-FA-100U-050D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0	1208.0
2.5°	1165.6	1162.2	1166.8	1154.2	1166.8	1162.2	1165.6	1173.6	1166.8	1171.3	1175.9
5°	1022.8	1017.1	998.8	984.0	998.8	1017.1	1022.8	1046.8	1058.2	1078.8	1106.2
7.5°	914.2	909.7	905.1	896.0	905.1	909.7	914.2	921.1	932.5	950.8	971.4
10°	890.3	891.4	898.3	897.1	898.3	891.4	890.3	888.0	884.5	888.0	900.5
12.5°	951.9	962.2	999.9	997.7	999.9	962.2	951.9	906.3	875.3	869.6	871.9
15°	1022.8	1026.2	1034.2	1035.4	1034.2	1026.2	1022.8	1004.5	912.0	871.9	859.4
17.5°	1029.6	1030.8	1036.5	1036.5	1036.5	1030.8	1029.6	1021.6	990.8	937.1	866.2
20°	1023.9	1026.2	1037.7	1040.0	1037.7	1026.2	1023.9	1013.6	996.5	977.1	923.4
22.5°	1021.6	1026.2	1035.4	1034.2	1035.4	1026.2	1021.6	1005.6	990.8	977.1	955.3
25°	1010.2	1010.2	1011.4	1012.5	1011.4	1010.2	1010.2	997.7	968.0	964.5	951.9
27.5°	986.2	988.5	995.4	994.2	995.4	988.5	986.2	981.7	949.6	946.2	937.1
30°	964.5	962.2	956.5	951.9	956.5	962.2	964.5	957.6	925.7	916.5	918.8
32.5°	927.9	922.2	916.5	913.1	916.5	922.2	927.9	925.7	901.7	889.1	891.4
35°	884.5	885.7	884.5	881.1	884.5	885.7	884.5	886.8	871.9	860.5	859.4
37.5°	853.7	855.9	854.8	850.2	854.8	855.9	853.7	851.4	830.8	827.4	829.7
40°	821.7	822.8	821.7	818.3	821.7	822.8	821.7	817.1	788.5	789.6	797.6
42.5°	790.8	789.6	786.2	783.9	786.2	789.6	790.8	783.9	747.4	744.0	758.8
45°	755.4	756.5	749.7	746.3	749.7	756.5	755.4	750.8	713.1	703.9	714.2
47.5°	719.9	719.9	714.2	710.8	714.2	719.9	719.9	714.2	674.3	665.1	670.8
50°	682.3	681.1	673.1	672.0	673.1	681.1	682.3	678.8	636.5	628.5	628.5
52.5°	638.8	638.8	639.9	642.2	639.9	638.8	638.8	639.9	602.3	594.3	592.0
55°	601.1	602.3	610.3	612.5	610.3	602.3	601.1	601.1	566.8	558.8	554.2
57.5°	562.2	562.2	567.9	567.9	567.9	562.2	562.2	559.9	526.8	520.0	517.7
60°	517.7	520.0	524.6	523.4	524.6	520.0	517.7	515.4	486.8	482.2	474.2
62.5°	470.8	473.1	474.2	472.0	474.2	473.1	470.8	464.0	446.9	443.4	433.2
65°	421.7	424.0	425.1	422.8	425.1	424.0	421.7	418.2	405.7	400.0	390.8
67.5°	371.4	370.3	369.1	373.7	369.1	370.3	371.4	366.9	358.9	354.3	341.7
70°	320.0	320.0	318.8	321.1	318.8	320.0	320.0	316.5	312.0	308.6	297.1
72.5°	265.1	263.9	268.6	265.1	268.6	263.9	265.1	263.9	261.7	258.2	246.8
75°	211.4	213.7	211.4	214.9	211.4	213.7	211.4	212.6	211.4	209.2	201.2
77.5°	161.1	163.4	161.1	161.1	161.1	163.4	161.1	162.3	162.3	162.3	155.4
80°	114.3	113.1	113.1	112.0	113.1	113.1	114.3	114.3	115.4	113.1	110.8
82.5°	73.1	72.0	72.0	74.3	72.0	72.0	73.1	74.3	72.0	72.0	72.0
85°	40.0	41.2	38.9	38.9	38.9	41.2	40.0	37.7	40.0	40.0	38.9
87.5°	14.8	13.7	13.7	13.7	13.7	13.7	14.8	16.0	16.0	16.0	17.1
90°	26.9	26.9	26.9	26.9	26.9	26.9	26.9	35.9	47.9	53.8	46.3
92.5°	134.7	129.3	107.9	86.5	107.9	129.3	134.7	190.9	265.8	303.3	266.3
95°	457.2	441.0	376.1	311.2	376.1	441.0	457.2	600.3	791.3	886.7	748.8
97.5°	1055.4	1024.5	901.0	777.5	901.0	1024.5	1055.4	1145.9	1266.5	1326.8	1097.0
100°	1482.1	1445.2	1298.2	1151.1	1298.2	1445.2	1482.1	1475.4	1466.6	1462.2	1207.2
102.5°	1846.4	1814.8	1688.8	1562.8	1688.8	1814.8	1846.4	1731.1	1577.3	1500.5	1241.8
105°	2271.6	2254.6	2186.9	2119.2	2186.9	2254.6	2271.6	2013.1	1668.5	1496.2	1245.8
107.5°	2492.7	2496.8	2513.2	2529.6	2513.2	2496.8	2492.7	2132.2	1651.5	1411.2	1190.3
110°	2549.4	2567.1	2637.6	2708.2	2637.6	2567.1	2549.4	2146.4	1609.0	1340.3	1141.2



TEST NUMBER: P935072

CATALOG NUMBER: SQ4-FA-100U-050D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2513.3	2540.4	2648.7	2757.1	2648.7	2540.4	2513.3	2100.8	1550.8	1275.8	1098.3
115°	2390.7	2428.3	2578.5	2728.8	2578.5	2428.3	2390.7	1993.3	1463.5	1198.5	1049.1
117.5°	2221.2	2262.9	2429.6	2596.2	2429.6	2262.9	2221.2	1862.6	1384.4	1145.3	1018.2
120°	2107.2	2147.6	2309.6	2471.5	2309.6	2147.6	2107.2	1779.5	1342.6	1124.1	1007.9
122.5°	1993.1	2033.0	2192.7	2352.4	2192.7	2033.0	1993.1	1698.0	1304.5	1107.8	1002.4
125°	1842.1	1878.9	2026.0	2173.1	2026.0	1878.9	1842.1	1591.5	1257.2	1090.0	997.9
127.5°	1720.9	1751.9	1876.0	2000.2	1876.0	1751.9	1720.9	1505.7	1218.7	1075.2	995.4
130°	1644.4	1673.0	1787.7	1902.3	1787.7	1673.0	1644.4	1452.7	1197.2	1069.5	996.9
132.5°	1579.1	1604.7	1707.5	1810.2	1707.5	1604.7	1579.1	1407.6	1178.9	1064.6	997.9
135°	1487.0	1509.1	1597.7	1686.2	1597.7	1509.1	1487.0	1343.3	1151.8	1056.1	997.0
137.5°	1418.9	1437.1	1509.5	1582.0	1509.5	1437.1	1418.9	1297.5	1135.5	1054.6	1003.1
140°	1364.4	1381.3	1449.0	1516.7	1449.0	1381.3	1364.4	1259.5	1119.6	1049.7	1004.2
142.5°	1326.1	1340.7	1399.0	1457.3	1399.0	1340.7	1326.1	1234.0	1111.1	1049.7	1007.7
145°	1268.7	1279.7	1323.8	1367.9	1323.8	1279.7	1268.7	1193.3	1092.9	1042.6	1007.8
147.5°	1220.5	1229.6	1266.2	1302.7	1266.2	1229.6	1220.5	1161.2	1082.1	1042.6	1014.7
150°	1192.9	1200.3	1229.9	1259.5	1229.9	1200.3	1192.9	1142.8	1076.0	1042.6	1018.3
152.5°	1170.9	1176.5	1198.8	1221.2	1198.8	1176.5	1170.9	1128.1	1071.1	1042.6	1020.7
155°	1144.7	1148.3	1163.2	1178.0	1163.2	1148.3	1144.7	1110.7	1065.3	1042.6	1025.9
157.5°	1122.0	1124.6	1134.9	1145.3	1134.9	1124.6	1122.0	1095.5	1060.2	1042.6	1031.1
160°	1110.7	1112.2	1118.2	1124.1	1118.2	1112.2	1110.7	1088.0	1057.8	1042.6	1033.5
162.5°	1100.0	1101.5	1107.1	1112.8	1107.1	1101.5	1100.0	1080.8	1055.4	1042.6	1035.9
165°	1083.7	1085.3	1091.2	1097.2	1091.2	1085.3	1083.7	1070.0	1051.7	1042.6	1039.6
167.5°	1076.6	1077.2	1079.7	1082.3	1079.7	1077.2	1076.6	1067.6	1055.6	1049.7	1047.1
170°	1076.6	1076.6	1076.6	1076.6	1076.6	1076.6	1076.6	1067.6	1055.6	1049.7	1049.5
172.5°	1071.0	1070.5	1068.2	1066.0	1068.2	1070.5	1071.0	1063.9	1054.4	1049.7	1049.7
175°	1063.1	1063.1	1063.1	1063.1	1063.1	1063.1	1063.1	1058.6	1052.6	1049.7	1051.1
177.5°	1061.8	1061.2	1058.6	1056.1	1058.6	1061.2	1061.8	1058.2	1053.5	1051.1	1052.2
180°	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1	1056.1



TEST NUMBER: P935072

CATALOG NUMBER: SQ4-FA-100U-050D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1208.0	1208.0	1208.0	1208.0	1208.0
2.5°	1193.1	1198.8	1202.3	1206.8	1218.2
5°	1147.4	1169.1	1175.9	1193.1	1213.7
7.5°	1046.8	1113.1	1131.4	1172.5	1204.5
10°	949.6	1015.9	1048.0	1145.1	1193.1
12.5°	900.5	939.4	961.1	1097.1	1177.0
15°	869.6	897.1	913.1	1033.0	1158.8
17.5°	845.7	865.1	876.5	970.3	1133.7
20°	830.8	840.0	850.2	924.5	1105.0
22.5°	820.6	814.9	822.8	892.6	1066.2
25°	813.7	791.9	801.1	867.4	1020.5
27.5°	819.4	771.4	774.8	844.5	972.6
30°	820.6	746.3	747.4	820.6	918.8
32.5°	812.6	719.9	721.1	790.8	858.2
35°	793.1	689.1	688.0	756.5	775.9
37.5°	766.8	656.0	656.0	718.8	685.7
40°	734.8	622.8	626.2	669.7	605.7
42.5°	696.0	587.4	592.0	604.6	546.2
45°	653.7	553.1	556.5	510.9	500.6
47.5°	606.8	517.7	518.9	424.0	485.7
50°	550.8	481.1	476.5	363.4	484.5
52.5°	501.7	441.1	427.4	329.1	440.0
55°	453.7	398.8	369.1	302.8	407.9
57.5°	411.4	344.0	315.4	272.0	401.1
60°	372.6	290.3	268.6	238.8	368.0
62.5°	340.5	250.2	245.7	216.0	333.7
65°	306.3	222.9	221.7	196.6	283.4
67.5°	273.2	204.6	203.5	178.2	216.0
70°	237.7	185.1	182.8	158.8	160.0
72.5°	201.2	163.4	161.1	142.9	132.6
75°	164.5	138.3	137.2	124.6	107.4
77.5°	129.2	109.7	112.0	100.5	78.9
80°	92.5	80.0	82.3	72.0	59.4
82.5°	61.7	52.6	54.9	45.8	40.0
85°	34.3	29.7	30.8	24.0	18.3
87.5°	16.0	13.7	13.7	9.1	5.7
90°	31.2	19.9	18.4	12.8	7.1
92.5°	192.3	136.8	124.8	76.6	28.4
95°	473.2	266.5	244.4	156.3	68.1
97.5°	637.5	292.7	273.3	195.4	117.7
100°	697.2	314.7	297.1	226.5	155.9
102.5°	724.5	336.6	320.2	254.3	188.5
105°	744.9	369.3	355.3	299.6	243.8
107.5°	748.7	417.5	404.4	352.5	300.5
110°	743.0	444.4	432.6	385.7	338.8



TEST NUMBER: P935072

CATALOG NUMBER: SQ4-FA-100U-050D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	743.3	477.0	465.9	421.1	376.3
115°	750.1	525.9	515.6	474.3	433.1
117.5°	764.1	573.4	564.0	526.5	489.0
120°	775.4	601.0	592.2	557.0	521.7
122.5°	791.7	633.6	624.8	589.2	553.5
125°	813.7	675.5	667.4	634.9	602.4
127.5°	835.6	715.9	707.7	674.9	642.2
130°	851.7	742.8	733.9	698.6	663.4
132.5°	864.7	764.8	755.9	720.6	685.3
135°	878.9	790.3	782.3	750.1	718.0
137.5°	900.1	822.9	814.9	783.1	751.3
140°	913.1	844.8	837.5	808.2	778.9
142.5°	924.0	861.1	854.4	827.3	800.2
145°	938.2	886.0	880.1	856.4	832.8
147.5°	959.0	917.2	911.4	888.4	865.4
150°	969.8	933.5	928.3	907.5	886.7
152.5°	976.9	944.1	940.2	924.4	908.7
155°	992.5	967.4	964.5	952.9	941.2
157.5°	1008.1	990.9	988.1	976.6	965.3
160°	1015.2	1001.5	999.3	990.5	981.7
162.5°	1022.7	1012.9	1011.2	1004.6	997.9
165°	1033.6	1029.1	1027.6	1021.6	1015.7
167.5°	1042.1	1038.3	1037.7	1034.8	1031.9
170°	1049.2	1049.0	1048.3	1045.4	1042.6
172.5°	1049.7	1049.7	1049.5	1048.9	1048.3
175°	1053.9	1056.1	1056.1	1056.1	1056.1
177.5°	1054.4	1056.1	1056.1	1056.1	1056.1
180°	1056.1	1056.1	1056.1	1056.1	1056.1



TEST NUMBER: P935072
 CATALOG NUMBER: SQ4-FA-100U-050D-935-1D-UNV-STD-W-8

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	8.77	9.49	9.87	10.59	12.10	11.61	12.32	12.71	13.42	14.94
	3H	9.24	9.88	10.35	10.98	12.52	12.95	13.59	14.06	14.69	16.22
	4H	9.42	10.03	10.54	11.14	12.67	13.38	13.99	14.51	15.10	16.64
	6H	9.53	10.09	10.66	11.20	12.75	13.66	14.22	14.79	15.33	16.88
	8H	9.53	10.06	10.66	11.19	12.73	13.73	14.27	14.87	15.39	16.93
	12H	9.50	10.00	10.63	11.12	12.69	13.77	14.28	14.91	15.40	16.96
4H	2H	9.79	10.40	10.92	11.50	13.04	12.00	12.61	13.13	13.72	15.25
	3H	10.80	11.31	11.94	12.44	13.99	13.49	14.00	14.63	15.14	16.68
	4H	11.07	11.54	12.21	12.66	14.23	14.02	14.48	15.16	15.61	17.18
	6H	11.19	11.59	12.33	12.73	14.29	14.38	14.78	15.52	15.92	17.48
	8H	11.19	11.56	12.33	12.70	14.28	14.48	14.85	15.62	15.99	17.57
	12H	11.15	11.49	12.31	12.64	14.22	14.53	14.87	15.69	16.02	17.60
8H	4H	11.51	11.89	12.66	13.02	14.60	14.13	14.50	15.27	15.64	17.22
	6H	11.77	12.08	12.93	13.26	14.83	14.56	14.87	15.73	16.05	17.62
	8H	11.81	12.08	12.98	13.24	14.83	14.71	14.98	15.88	16.14	17.74
	12H	11.79	12.02	12.96	13.18	14.81	14.81	15.04	15.98	16.20	17.83
12H	4H	11.51	11.85	12.67	13.00	14.58	14.09	14.43	15.25	15.57	17.16
	6H	11.83	12.10	13.00	13.26	14.85	14.56	14.83	15.73	15.99	17.58
	8H	11.89	12.13	13.06	13.28	14.91	14.71	14.95	15.89	16.11	17.73