

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: P935508

Luminaire Tested: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935508
REPORT IS A COMBINATION OF REPORTS P933756 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

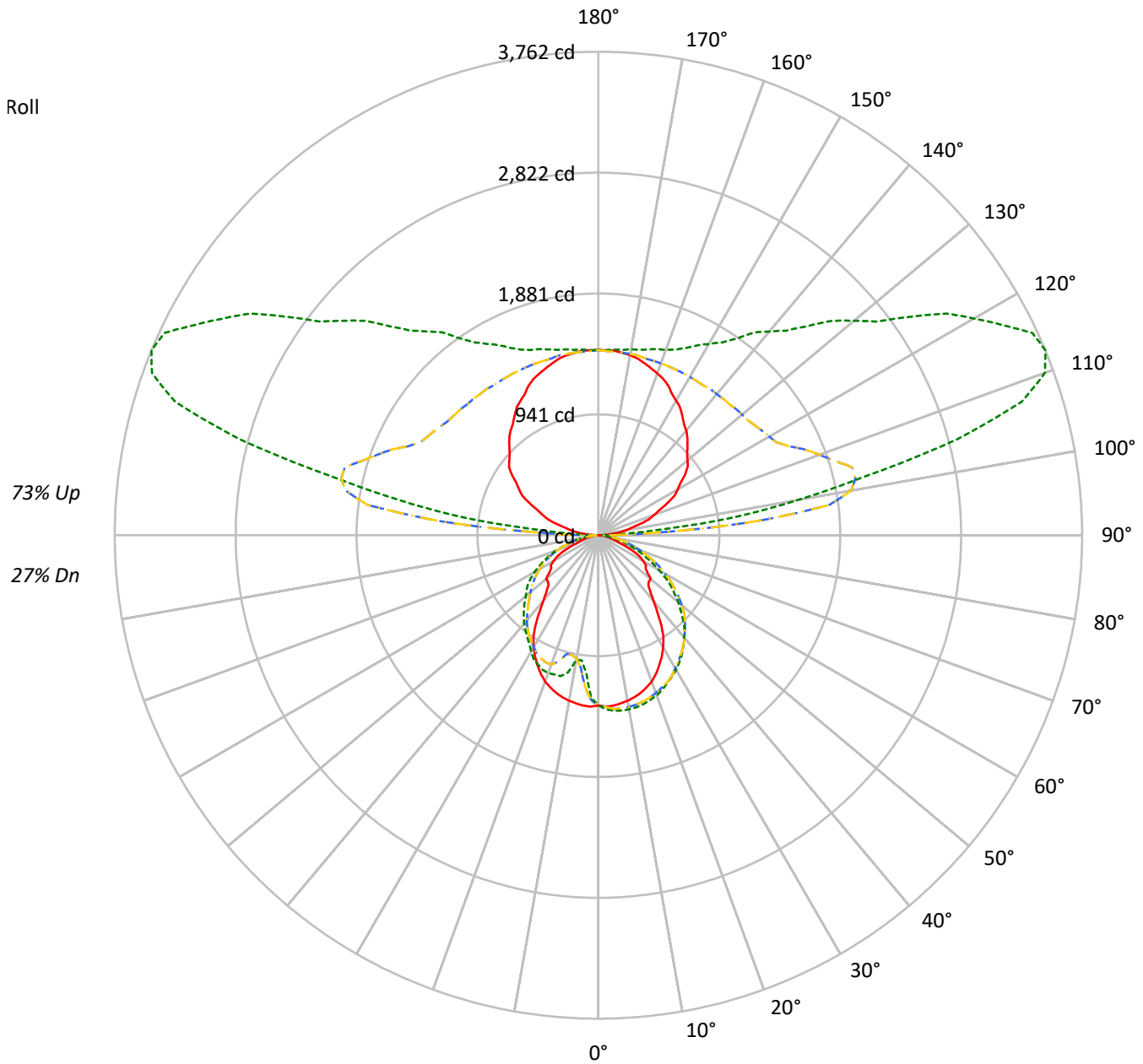
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12780.9 lumens
Efficiency: N/A
Efficacy: 134.3 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): 95.2
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: P935508
CATALOG NUMBER: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8

Luminous Intensity Polar Plot



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



TEST NUMBER: P935508

CATALOG NUMBER: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8

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	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35				27
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29				23
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25				19
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21				16
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18				14
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16				12
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14				10
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12				9
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11				8
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10				7
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9				7

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6144	6144	6144	6144
5°	6190	6202	6190	4877
10°	6148	6109	6148	4367
15°	6081	5977	6081	4991
20°	5954	5820	5954	5001
25°	5694	5591	5694	4895
30°	5357	5402	5357	4663
35°	4776	5161	4776	4406
40°	3980	4878	3980	4214
45°	3556	4547	3556	3992
50°	3778	4153	3778	3768
55°	3554	3728	3554	3639
60°	3664	3166	3664	3333
65°	3321	2617	3321	2925
70°	2300	2086	2300	2452
75°	2018	1542	2018	1847
80°	1624	1019	1624	1109
85°	936	541	936	459

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5450 cd/sqm



TEST NUMBER: P935508

CATALOG NUMBER: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.5	0.9
10°-20°	339.4	2.7
20°-30°	524.6	4.1
30°-40°	626.3	4.9
40°-50°	630.0	4.9
50°-60°	548.1	4.3
60°-70°	388.6	3.0
70°-80°	205.6	1.6
80°-90°	56.7	0.4
90°-100°	702.5	5.5
100°-110°	1846.8	14.4
110°-120°	1914.9	15.0
120°-130°	1536.0	12.0
130°-140°	1205.2	9.4
140°-150°	925.0	7.2
150°-160°	666.2	5.2
160°-170°	407.6	3.2
170°-180°	137.7	1.1
0°-30°	983.5	7.7
0°-40°	1609.8	12.6
0°-60°	2787.9	21.8
0°-90°	3438.9	26.9
90°-120°	4464.2	34.9
90°-150°	8130.5	63.6
90°-180°	9342.0	73.1
0°-180°	12780.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1324	1324	1324	1324	1324	
5°	1330	1372	1330	1079	1330	126
15°	1270	1359	1270	1135	1270	357
25°	1119	1268	1119	1110	1119	514
35°	851	1131	851	966	851	526
45°	549	932	549	818	549	440
55°	447	688	447	672	447	411
65°	311	415	311	464	311	297
75°	118	197	118	236	118	124
85°	20	50	20	43	20	27
90°	10	37	10	37	10	9
95°	93	425	93	425	93	103
105°	333	2892	333	2892	333	353
115°	591	3724	591	3724	591	584
125°	822	2965	822	2965	822	730
135°	980	2301	980	2301	980	758
145°	1136	1867	1136	1867	1136	712
155°	1284	1607	1284	1607	1284	590
165°	1386	1497	1386	1497	1386	391
175°	1441	1451	1441	1451	1441	137
180°	1441	1441	1441	1441	1441	



TEST NUMBER: P935508

CATALOG NUMBER: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2
2.5°	1335.4	1335.4	1343.0	1345.5	1345.5	1341.7	1338.0	1341.7	1353.0	1356.7	1355.5
5°	1330.5	1340.5	1354.3	1356.7	1359.3	1358.0	1355.5	1358.0	1370.6	1373.1	1374.3
7.5°	1320.4	1339.3	1356.7	1360.6	1364.3	1360.6	1359.3	1361.8	1374.3	1376.8	1376.8
10°	1307.9	1334.2	1354.3	1356.7	1360.6	1356.7	1356.7	1361.8	1374.3	1376.8	1378.0
12.5°	1290.3	1326.7	1345.5	1347.9	1353.0	1351.8	1350.5	1355.5	1368.0	1370.6	1370.6
15°	1270.3	1312.9	1330.5	1332.9	1341.7	1339.3	1339.3	1344.2	1358.0	1361.8	1360.6
17.5°	1242.8	1295.4	1315.4	1319.2	1325.4	1324.2	1325.4	1330.5	1343.0	1345.5	1346.7
20°	1211.4	1271.5	1295.4	1299.1	1305.4	1305.4	1305.4	1311.6	1324.2	1329.2	1329.2
22.5°	1168.8	1246.5	1271.5	1274.1	1281.6	1281.6	1284.1	1292.8	1304.1	1305.4	1305.4
25°	1118.7	1219.0	1240.3	1247.7	1255.3	1259.0	1262.8	1267.8	1271.5	1270.3	1271.5
27.5°	1066.2	1183.8	1211.4	1216.4	1226.4	1230.3	1235.2	1236.5	1237.7	1241.5	1239.0
30°	1007.2	1135.0	1176.4	1181.4	1197.7	1200.2	1195.1	1197.7	1203.9	1206.4	1209.0
32.5°	940.8	1062.3	1140.0	1151.3	1166.4	1158.8	1157.6	1161.3	1171.3	1171.3	1173.9
35°	850.6	1006.0	1106.2	1116.2	1127.5	1118.7	1123.8	1125.0	1131.3	1135.0	1133.8
37.5°	751.7	957.2	1071.1	1078.7	1087.5	1076.2	1083.6	1087.5	1092.4	1089.9	1089.9
40°	664.0	880.7	1029.8	1034.8	1042.3	1033.6	1041.0	1043.6	1046.1	1043.6	1042.3
42.5°	598.8	796.8	985.9	992.2	987.1	993.5	995.9	1001.0	997.2	992.2	992.2
45°	548.7	774.2	938.3	945.9	938.3	948.4	952.1	952.1	940.8	938.3	937.1
47.5°	532.5	729.1	890.8	890.8	886.9	899.5	905.8	897.0	885.7	882.0	882.0
50°	531.2	679.0	825.6	820.6	838.1	853.1	846.9	838.1	829.3	815.6	815.6
52.5°	482.3	617.7	741.7	760.5	788.0	796.8	786.7	778.0	763.0	756.6	751.7
55°	447.2	553.8	665.2	702.8	731.6	742.9	724.1	715.4	692.7	689.0	686.5
57.5°	439.7	461.0	595.1	642.7	677.7	676.5	665.2	648.9	630.2	626.4	625.1
60°	403.4	333.3	519.9	576.3	612.6	608.9	598.8	583.8	566.3	563.8	561.2
62.5°	365.8	241.8	434.7	498.6	549.9	548.7	539.9	517.4	504.8	498.6	493.6
65°	310.6	203.0	309.4	414.7	488.6	491.1	472.3	456.0	442.2	434.7	433.5
67.5°	236.8	165.4	209.2	345.8	429.7	427.2	403.4	395.9	378.4	374.6	367.1
70°	175.4	110.2	145.3	280.7	372.1	365.8	347.0	338.3	321.9	313.2	308.2
72.5°	145.3	88.9	106.5	218.0	313.2	305.7	289.4	279.4	265.6	258.1	253.0
75°	117.8	94.0	81.4	161.6	254.3	249.3	234.2	224.3	213.0	203.0	204.2
77.5°	86.5	87.7	65.1	119.0	201.7	194.2	185.4	172.9	167.8	157.8	157.8
80°	65.1	68.9	48.8	81.4	145.3	145.3	137.8	129.1	120.3	115.3	115.3
82.5°	43.8	43.8	36.3	51.4	99.0	95.2	90.2	87.7	82.7	80.1	80.1
85°	20.1	25.0	22.5	31.3	53.9	56.4	56.4	53.9	52.6	50.2	51.4
87.5°	6.3	11.3	13.8	17.6	27.6	28.9	30.1	30.1	30.1	31.3	31.3
90°	9.7	17.5	25.1	27.1	42.6	63.2	73.5	65.3	48.9	36.7	36.7
92.5°	38.7	104.4	170.3	186.7	262.5	363.4	413.9	362.8	260.5	183.7	176.4
95°	92.8	213.2	333.6	363.7	645.8	1021.9	1209.9	1079.7	819.2	623.8	601.7
97.5°	160.6	266.8	372.9	399.5	869.8	1497.0	1810.6	1728.3	1563.6	1440.1	1398.0
100°	212.8	309.1	405.4	429.5	951.4	1647.3	1995.3	2001.3	2013.3	2022.4	1972.2
102.5°	257.2	347.1	436.9	459.4	988.8	1694.6	2047.5	2152.4	2362.2	2519.5	2476.5
105°	332.7	408.8	484.8	503.9	1016.5	1700.0	2041.7	2276.8	2747.1	3099.8	3076.7
107.5°	410.1	481.0	551.9	569.6	1021.6	1624.3	1925.6	2253.6	2909.6	3401.5	3407.1
110°	462.3	526.4	590.5	606.4	1014.0	1557.3	1829.0	2195.6	2928.9	3478.9	3503.0



TEST NUMBER: P935508
 CATALOG NUMBER: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	513.6	574.6	635.7	650.9	1014.2	1498.7	1740.9	2116.2	2866.6	3429.6	3466.5
115°	590.9	647.3	703.5	717.6	1023.6	1431.5	1635.5	1997.0	2720.0	3262.3	3313.6
117.5°	667.3	718.5	769.6	782.4	1042.6	1389.5	1563.0	1889.2	2541.7	3031.1	3088.0
120°	711.8	760.0	808.1	820.1	1058.0	1375.3	1533.9	1832.0	2428.2	2875.4	2930.6
122.5°	755.3	803.9	852.5	864.6	1080.3	1367.8	1511.7	1780.1	2317.1	2719.7	2774.2
125°	822.1	866.4	910.6	921.7	1110.2	1361.8	1487.5	1715.6	2171.6	2513.7	2563.8
127.5°	876.3	921.0	965.7	976.9	1140.3	1358.2	1467.2	1663.0	2054.6	2348.3	2390.6
130°	905.2	953.4	1001.5	1013.6	1162.2	1360.4	1459.5	1633.8	1982.4	2243.8	2283.0
132.5°	935.2	983.4	1031.5	1043.6	1179.9	1361.8	1452.7	1608.7	1920.8	2154.8	2189.9
135°	979.8	1023.6	1067.5	1078.4	1199.3	1360.5	1441.1	1571.7	1833.1	2029.1	2059.3
137.5°	1025.2	1068.6	1112.0	1122.9	1228.3	1368.9	1439.1	1549.6	1770.6	1936.3	1961.0
140°	1062.9	1102.9	1142.8	1152.8	1246.0	1370.3	1432.4	1527.8	1718.7	1861.8	1884.9
142.5°	1091.9	1128.9	1165.8	1175.1	1260.8	1375.2	1432.4	1516.2	1683.8	1809.5	1829.4
145°	1136.4	1168.6	1200.9	1209.0	1280.2	1375.2	1422.7	1491.2	1628.4	1731.3	1746.3
147.5°	1180.9	1212.3	1243.7	1251.6	1308.6	1384.7	1422.7	1476.7	1584.5	1665.5	1677.9
150°	1209.9	1238.3	1266.7	1273.8	1323.4	1389.6	1422.7	1468.2	1559.4	1627.8	1637.9
152.5°	1239.9	1261.4	1282.8	1288.3	1333.1	1392.8	1422.7	1461.6	1539.4	1597.8	1605.5
155°	1284.4	1300.3	1316.2	1320.2	1354.4	1399.9	1422.7	1453.7	1515.6	1562.0	1567.1
157.5°	1317.3	1332.7	1348.2	1352.1	1375.6	1407.0	1422.7	1446.8	1494.9	1531.0	1534.6
160°	1339.5	1351.6	1363.6	1366.6	1385.3	1410.2	1422.7	1443.3	1484.6	1515.5	1517.6
162.5°	1361.8	1370.7	1379.8	1382.0	1395.6	1413.6	1422.7	1440.0	1474.9	1501.0	1503.0
165°	1386.0	1394.2	1402.3	1404.4	1410.4	1418.6	1422.7	1435.2	1460.1	1478.8	1480.9
167.5°	1408.2	1412.0	1415.9	1416.9	1422.0	1428.9	1432.4	1440.5	1456.9	1469.1	1469.9
170°	1422.7	1426.6	1430.5	1431.4	1431.7	1432.2	1432.4	1440.5	1456.9	1469.1	1469.1
172.5°	1430.4	1431.3	1432.2	1432.4	1432.4	1432.4	1432.4	1438.8	1451.7	1461.4	1460.7
175°	1441.1	1441.1	1441.1	1441.1	1438.2	1434.3	1432.4	1436.5	1444.6	1450.8	1450.8
177.5°	1441.1	1441.1	1441.1	1441.1	1438.8	1435.8	1434.3	1437.5	1444.0	1448.8	1448.0
180°	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1



TEST NUMBER: P935508

CATALOG NUMBER: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2
2.5°	1358.0	1354.3	1358.0	1355.5	1356.7	1353.0	1341.7	1338.0	1341.7	1345.5	1345.5
5°	1374.3	1371.8	1374.3	1374.3	1373.1	1370.6	1358.0	1355.5	1358.0	1359.3	1356.7
7.5°	1379.3	1375.6	1379.3	1376.8	1376.8	1374.3	1361.8	1359.3	1360.6	1364.3	1360.6
10°	1379.3	1375.6	1379.3	1378.0	1376.8	1374.3	1361.8	1356.7	1356.7	1360.6	1356.7
12.5°	1373.1	1370.6	1373.1	1370.6	1370.6	1368.0	1355.5	1350.5	1351.8	1353.0	1347.9
15°	1363.0	1359.3	1363.0	1360.6	1361.8	1358.0	1344.2	1339.3	1339.3	1341.7	1332.9
17.5°	1347.9	1343.0	1347.9	1346.7	1345.5	1343.0	1330.5	1325.4	1324.2	1325.4	1319.2
20°	1330.5	1326.7	1330.5	1329.2	1329.2	1324.2	1311.6	1305.4	1305.4	1305.4	1299.1
22.5°	1302.9	1299.1	1302.9	1305.4	1305.4	1304.1	1292.8	1284.1	1281.6	1281.6	1274.1
25°	1271.5	1267.8	1271.5	1271.5	1270.3	1271.5	1267.8	1262.8	1259.0	1255.3	1247.7
27.5°	1241.5	1239.0	1241.5	1239.0	1241.5	1237.7	1236.5	1235.2	1230.3	1226.4	1216.4
30°	1211.4	1209.0	1211.4	1209.0	1206.4	1203.9	1197.7	1195.1	1200.2	1197.7	1181.4
32.5°	1173.9	1171.3	1173.9	1173.9	1171.3	1171.3	1161.3	1157.6	1158.8	1166.4	1151.3
35°	1135.0	1131.3	1135.0	1133.8	1135.0	1131.3	1125.0	1123.8	1118.7	1127.5	1116.2
37.5°	1089.9	1086.1	1089.9	1089.9	1089.9	1092.4	1087.5	1083.6	1076.2	1087.5	1078.7
40°	1043.6	1038.5	1043.6	1042.3	1043.6	1046.1	1043.6	1041.0	1033.6	1042.3	1034.8
42.5°	991.0	989.7	991.0	992.2	992.2	997.2	1001.0	995.9	993.5	987.1	992.2
45°	934.6	932.0	934.6	937.1	938.3	940.8	952.1	952.1	948.4	938.3	945.9
47.5°	874.4	868.2	874.4	882.0	882.0	885.7	897.0	905.8	899.5	886.9	890.8
50°	810.5	811.8	810.5	815.6	815.6	829.3	838.1	846.9	853.1	838.1	820.6
52.5°	747.9	746.6	747.9	751.7	756.6	763.0	778.0	786.7	796.8	788.0	760.5
55°	685.3	687.8	685.3	686.5	689.0	692.7	715.4	724.1	742.9	731.6	702.8
57.5°	622.6	618.9	622.6	625.1	626.4	630.2	648.9	665.2	676.5	677.7	642.7
60°	549.9	545.0	549.9	561.2	563.8	566.3	583.8	598.8	608.9	612.6	576.3
62.5°	486.1	477.3	486.1	493.6	498.6	504.8	517.4	539.9	548.7	549.9	498.6
65°	418.4	414.7	418.4	433.5	434.7	442.2	456.0	472.3	491.1	488.6	414.7
67.5°	357.1	357.1	357.1	367.1	374.6	378.4	395.9	403.4	427.2	429.7	345.8
70°	300.7	299.4	300.7	308.2	313.2	321.9	338.3	347.0	365.8	372.1	280.7
72.5°	246.8	245.5	246.8	253.0	258.1	265.6	279.4	289.4	305.7	313.2	218.0
75°	199.2	196.7	199.2	204.2	203.0	213.0	224.3	234.2	249.3	254.3	161.6
77.5°	152.8	152.8	152.8	157.8	157.8	167.8	172.9	185.4	194.2	201.7	119.0
80°	114.0	112.7	114.0	115.3	115.3	120.3	129.1	137.8	145.3	145.3	81.4
82.5°	80.1	77.7	80.1	80.1	80.1	82.7	87.7	90.2	95.2	99.0	51.4
85°	50.2	50.2	50.2	51.4	50.2	52.6	53.9	56.4	56.4	53.9	31.3
87.5°	32.6	31.3	32.6	31.3	31.3	30.1	30.1	30.1	28.9	27.6	17.6
90°	36.7	36.7	36.7	36.7	36.7	48.9	65.3	73.5	63.2	42.6	27.1
92.5°	147.2	118.0	147.2	176.4	183.7	260.5	362.8	413.9	363.4	262.5	186.7
95°	513.1	424.6	513.1	601.7	623.8	819.2	1079.7	1209.9	1021.9	645.8	363.7
97.5°	1229.5	1061.0	1229.5	1398.0	1440.1	1563.6	1728.3	1810.6	1497.0	869.8	399.5
100°	1771.4	1570.7	1771.4	1972.2	2022.4	2013.3	2001.3	1995.3	1647.3	951.4	429.5
102.5°	2304.6	2132.6	2304.6	2476.5	2519.5	2362.2	2152.4	2047.5	1694.6	988.8	459.4
105°	2984.2	2891.9	2984.2	3076.7	3099.8	2747.1	2276.8	2041.7	1700.0	1016.5	503.9
107.5°	3429.5	3451.8	3429.5	3407.1	3401.5	2909.6	2253.6	1925.6	1624.3	1021.6	569.6
110°	3599.3	3695.6	3599.3	3503.0	3478.9	2928.9	2195.6	1829.0	1557.3	1014.0	606.4



TEST NUMBER: P935508

CATALOG NUMBER: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3614.4	3762.2	3614.4	3466.5	3429.6	2866.6	2116.2	1740.9	1498.7	1014.2	650.9
115°	3518.6	3723.6	3518.6	3313.6	3262.3	2720.0	1997.0	1635.5	1431.5	1023.6	717.6
117.5°	3315.3	3542.8	3315.3	3088.0	3031.1	2541.7	1889.2	1563.0	1389.5	1042.6	782.4
120°	3151.6	3372.5	3151.6	2930.6	2875.4	2428.2	1832.0	1533.9	1375.3	1058.0	820.1
122.5°	2992.2	3210.1	2992.2	2774.2	2719.7	2317.1	1780.1	1511.7	1367.8	1080.3	864.6
125°	2764.6	2965.4	2764.6	2563.8	2513.7	2171.6	1715.6	1487.5	1361.8	1110.2	921.7
127.5°	2560.0	2729.3	2560.0	2390.6	2348.3	2054.6	1663.0	1467.2	1358.2	1140.3	976.9
130°	2439.4	2595.9	2439.4	2283.0	2243.8	1982.4	1633.8	1459.5	1360.4	1162.2	1013.6
132.5°	2330.0	2470.1	2330.0	2189.9	2154.8	1920.8	1608.7	1452.7	1361.8	1179.9	1043.6
135°	2180.1	2300.9	2180.1	2059.3	2029.1	1833.1	1571.7	1441.1	1360.5	1199.3	1078.4
137.5°	2059.8	2158.8	2059.8	1961.0	1936.3	1770.6	1549.6	1439.1	1368.9	1228.3	1122.9
140°	1977.4	2069.7	1977.4	1884.9	1861.8	1718.7	1527.8	1432.4	1370.3	1246.0	1152.8
142.5°	1908.9	1988.5	1908.9	1829.4	1809.5	1683.8	1516.2	1432.4	1375.2	1260.8	1175.1
145°	1806.4	1866.6	1806.4	1746.3	1731.3	1628.4	1491.2	1422.7	1375.2	1280.2	1209.0
147.5°	1727.8	1777.7	1727.8	1677.9	1665.5	1584.5	1476.7	1422.7	1384.7	1308.6	1251.6
150°	1678.3	1718.7	1678.3	1637.9	1627.8	1559.4	1468.2	1422.7	1389.6	1323.4	1273.8
152.5°	1635.9	1666.4	1635.9	1605.5	1597.8	1539.4	1461.6	1422.7	1392.8	1333.1	1288.3
155°	1587.2	1607.4	1587.2	1567.1	1562.0	1515.6	1453.7	1422.7	1399.9	1354.4	1320.2
157.5°	1548.8	1563.0	1548.8	1534.6	1531.0	1494.9	1446.8	1422.7	1407.0	1375.6	1352.1
160°	1525.7	1533.9	1525.7	1517.6	1515.5	1484.6	1443.3	1422.7	1410.2	1385.3	1366.6
162.5°	1510.7	1518.5	1510.7	1503.0	1501.0	1474.9	1440.0	1422.7	1413.6	1395.6	1382.0
165°	1489.0	1497.2	1489.0	1480.9	1478.8	1460.1	1435.2	1422.7	1418.6	1410.4	1404.4
167.5°	1473.4	1476.8	1473.4	1469.9	1469.1	1456.9	1440.5	1432.4	1428.9	1422.0	1416.9
170°	1469.1	1469.1	1469.1	1469.1	1469.1	1456.9	1440.5	1432.4	1432.2	1431.7	1431.4
172.5°	1457.6	1454.6	1457.6	1460.7	1461.4	1451.7	1438.8	1432.4	1432.4	1432.4	1432.4
175°	1450.8	1450.8	1450.8	1450.8	1450.8	1444.6	1436.5	1432.4	1434.3	1438.2	1441.1
177.5°	1444.5	1441.1	1444.5	1448.0	1448.8	1444.0	1437.5	1434.3	1435.8	1438.8	1441.1
180°	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1



TEST NUMBER: P935508

CATALOG NUMBER: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2
2.5°	1343.0	1335.4	1335.4	1322.9	1318.0	1314.1	1307.9	1289.1	1284.1	1279.1	1286.6
5°	1354.3	1340.5	1330.5	1307.9	1289.1	1281.6	1257.8	1212.7	1182.6	1160.0	1147.5
7.5°	1356.7	1339.3	1320.4	1285.4	1240.3	1220.2	1147.5	1064.9	1042.3	1022.3	1009.7
10°	1354.3	1334.2	1307.9	1255.3	1148.8	1113.7	1041.0	987.1	973.4	969.7	973.4
12.5°	1345.5	1326.7	1290.3	1202.7	1053.6	1029.8	987.1	955.9	953.3	959.6	993.5
15°	1330.5	1312.9	1270.3	1132.5	1001.0	983.4	953.3	942.1	955.9	999.8	1101.2
17.5°	1315.4	1295.4	1242.8	1063.6	960.9	948.4	927.1	949.6	1027.3	1086.1	1120.0
20°	1295.4	1271.5	1211.4	1013.5	932.0	920.8	910.7	1012.3	1071.1	1092.4	1111.2
22.5°	1271.5	1246.5	1168.8	978.5	902.0	893.3	899.5	1047.3	1071.1	1086.1	1102.4
25°	1240.3	1219.0	1118.7	950.9	878.2	868.2	892.0	1043.6	1057.4	1061.1	1093.7
27.5°	1211.4	1183.8	1066.2	925.8	849.4	845.6	898.2	1027.3	1037.3	1041.0	1076.2
30°	1176.4	1135.0	1007.2	899.5	819.3	818.1	899.5	1007.2	1004.7	1014.8	1049.8
32.5°	1140.0	1062.3	940.8	866.9	790.5	789.2	890.8	977.2	974.6	988.5	1014.8
35°	1106.2	1006.0	850.6	829.3	754.2	755.4	869.5	942.1	943.3	955.9	972.2
37.5°	1071.1	957.2	751.7	788.0	719.1	719.1	840.6	909.5	907.0	910.7	933.3
40°	1029.8	880.7	664.0	734.1	686.5	682.8	805.6	874.4	865.6	864.4	895.7
42.5°	985.9	796.8	598.8	662.8	648.9	643.9	763.0	831.8	815.6	819.3	859.4
45°	938.3	774.2	548.7	560.0	610.1	606.4	716.6	783.0	771.7	781.8	823.0
47.5°	890.8	729.1	532.5	464.8	568.8	567.5	665.2	735.3	729.1	739.2	783.0
50°	825.6	679.0	531.2	398.4	522.4	527.4	603.8	689.0	689.0	697.8	744.1
52.5°	741.7	617.7	482.3	360.8	468.5	483.5	549.9	648.9	651.5	660.2	701.5
55°	665.2	553.8	447.2	331.9	404.6	437.2	497.4	607.6	612.6	621.4	658.9
57.5°	595.1	461.0	439.7	298.1	345.8	377.1	451.0	567.5	570.0	577.5	613.8
60°	519.9	333.3	403.4	261.8	294.4	318.2	408.4	519.9	528.6	533.7	565.0
62.5°	434.7	241.8	365.8	236.8	269.4	274.3	373.3	474.8	486.1	489.9	508.7
65°	309.4	203.0	310.6	215.5	243.0	244.3	335.8	428.4	438.5	444.8	458.5
67.5°	209.2	165.4	236.8	195.4	223.0	224.3	299.4	374.6	388.4	393.4	402.2
70°	145.3	110.2	175.4	174.1	200.4	203.0	260.6	325.7	338.3	342.0	347.0
72.5°	106.5	88.9	145.3	156.6	176.6	179.1	220.5	270.6	283.1	286.9	289.4
75°	81.4	94.0	117.8	136.6	150.4	151.6	180.4	220.5	229.3	231.7	233.0
77.5°	65.1	87.7	86.5	110.2	122.7	120.3	141.6	170.4	177.9	177.9	177.9
80°	48.8	68.9	65.1	78.9	90.2	87.7	101.4	121.5	124.0	126.6	125.2
82.5°	36.3	43.8	43.8	50.2	60.1	57.6	67.6	78.9	78.9	78.9	81.4
85°	22.5	25.0	20.1	26.3	33.8	32.6	37.5	42.6	43.8	43.8	41.4
87.5°	13.8	11.3	6.3	10.0	15.0	15.0	17.6	18.8	17.6	17.6	17.6
90°	25.1	17.5	9.7	17.5	25.1	27.1	42.6	63.2	73.5	65.3	48.9
92.5°	170.3	104.4	38.7	104.4	170.3	186.7	262.5	363.4	413.9	362.8	260.5
95°	333.6	213.2	92.8	213.2	333.6	363.7	645.8	1021.9	1209.9	1079.7	819.2
97.5°	372.9	266.8	160.6	266.8	372.9	399.5	869.8	1497.0	1810.6	1728.3	1563.6
100°	405.4	309.1	212.8	309.1	405.4	429.5	951.4	1647.3	1995.3	2001.3	2013.3
102.5°	436.9	347.1	257.2	347.1	436.9	459.4	988.8	1694.6	2047.5	2152.4	2362.2
105°	484.8	408.8	332.7	408.8	484.8	503.9	1016.5	1700.0	2041.7	2276.8	2747.1
107.5°	551.9	481.0	410.1	481.0	551.9	569.6	1021.6	1624.3	1925.6	2253.6	2909.6
110°	590.5	526.4	462.3	526.4	590.5	606.4	1014.0	1557.3	1829.0	2195.6	2928.9



TEST NUMBER: P935508

CATALOG NUMBER: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	635.7	574.6	513.6	574.6	635.7	650.9	1014.2	1498.7	1740.9	2116.2	2866.6
115°	703.5	647.3	590.9	647.3	703.5	717.6	1023.6	1431.5	1635.5	1997.0	2720.0
117.5°	769.6	718.5	667.3	718.5	769.6	782.4	1042.6	1389.5	1563.0	1889.2	2541.7
120°	808.1	760.0	711.8	760.0	808.1	820.1	1058.0	1375.3	1533.9	1832.0	2428.2
122.5°	852.5	803.9	755.3	803.9	852.5	864.6	1080.3	1367.8	1511.7	1780.1	2317.1
125°	910.6	866.4	822.1	866.4	910.6	921.7	1110.2	1361.8	1487.5	1715.6	2171.6
127.5°	965.7	921.0	876.3	921.0	965.7	976.9	1140.3	1358.2	1467.2	1663.0	2054.6
130°	1001.5	953.4	905.2	953.4	1001.5	1013.6	1162.2	1360.4	1459.5	1633.8	1982.4
132.5°	1031.5	983.4	935.2	983.4	1031.5	1043.6	1179.9	1361.8	1452.7	1608.7	1920.8
135°	1067.5	1023.6	979.8	1023.6	1067.5	1078.4	1199.3	1360.5	1441.1	1571.7	1833.1
137.5°	1112.0	1068.6	1025.2	1068.6	1112.0	1122.9	1228.3	1368.9	1439.1	1549.6	1770.6
140°	1142.8	1102.9	1062.9	1102.9	1142.8	1152.8	1246.0	1370.3	1432.4	1527.8	1718.7
142.5°	1165.8	1128.9	1091.9	1128.9	1165.8	1175.1	1260.8	1375.2	1432.4	1516.2	1683.8
145°	1200.9	1168.6	1136.4	1168.6	1200.9	1209.0	1280.2	1375.2	1422.7	1491.2	1628.4
147.5°	1243.7	1212.3	1180.9	1212.3	1243.7	1251.6	1308.6	1384.7	1422.7	1476.7	1584.5
150°	1266.7	1238.3	1209.9	1238.3	1266.7	1273.8	1323.4	1389.6	1422.7	1468.2	1559.4
152.5°	1282.8	1261.4	1239.9	1261.4	1282.8	1288.3	1333.1	1392.8	1422.7	1461.6	1539.4
155°	1316.2	1300.3	1284.4	1300.3	1316.2	1320.2	1354.4	1399.9	1422.7	1453.7	1515.6
157.5°	1348.2	1332.7	1317.3	1332.7	1348.2	1352.1	1375.6	1407.0	1422.7	1446.8	1494.9
160°	1363.6	1351.6	1339.5	1351.6	1363.6	1366.6	1385.3	1410.2	1422.7	1443.3	1484.6
162.5°	1379.8	1370.7	1361.8	1370.7	1379.8	1382.0	1395.6	1413.6	1422.7	1440.0	1474.9
165°	1402.3	1394.2	1386.0	1394.2	1402.3	1404.4	1410.4	1418.6	1422.7	1435.2	1460.1
167.5°	1415.9	1412.0	1408.2	1412.0	1415.9	1416.9	1422.0	1428.9	1432.4	1440.5	1456.9
170°	1430.5	1426.6	1422.7	1426.6	1430.5	1431.4	1431.7	1432.2	1432.4	1440.5	1456.9
172.5°	1432.2	1431.3	1430.4	1431.3	1432.2	1432.4	1432.4	1432.4	1432.4	1438.8	1451.7
175°	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1438.2	1434.3	1432.4	1436.5	1444.6
177.5°	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1438.8	1435.8	1434.3	1437.5	1444.0
180°	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1



TEST NUMBER: P935508
 CATALOG NUMBER: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2	1324.2
2.5°	1277.8	1274.1	1279.1	1265.3	1279.1	1274.1	1277.8	1286.6	1279.1	1284.1	1289.1
5°	1121.3	1115.0	1094.9	1078.7	1094.9	1115.0	1121.3	1147.5	1160.0	1182.6	1212.7
7.5°	1002.2	997.2	992.2	982.2	992.2	997.2	1002.2	1009.7	1022.3	1042.3	1064.9
10°	975.9	977.2	984.7	983.4	984.7	977.2	975.9	973.4	969.7	973.4	987.1
12.5°	1043.6	1054.9	1096.1	1093.7	1096.1	1054.9	1043.6	993.5	959.6	953.3	955.9
15°	1121.3	1125.0	1133.8	1135.0	1133.8	1125.0	1121.3	1101.2	999.8	955.9	942.1
17.5°	1128.7	1130.0	1136.3	1136.3	1136.3	1130.0	1128.7	1120.0	1086.1	1027.3	949.6
20°	1122.5	1125.0	1137.5	1140.0	1137.5	1125.0	1122.5	1111.2	1092.4	1071.1	1012.3
22.5°	1120.0	1125.0	1135.0	1133.8	1135.0	1125.0	1120.0	1102.4	1086.1	1071.1	1047.3
25°	1107.4	1107.4	1108.8	1110.0	1108.8	1107.4	1107.4	1093.7	1061.1	1057.4	1043.6
27.5°	1081.1	1083.6	1091.2	1089.9	1091.2	1083.6	1081.1	1076.2	1041.0	1037.3	1027.3
30°	1057.4	1054.9	1048.6	1043.6	1048.6	1054.9	1057.4	1049.8	1014.8	1004.7	1007.2
32.5°	1017.2	1011.0	1004.7	1001.0	1004.7	1011.0	1017.2	1014.8	988.5	974.6	977.2
35°	969.7	970.9	969.7	965.8	969.7	970.9	969.7	972.2	955.9	943.3	942.1
37.5°	935.9	938.3	937.1	932.0	937.1	938.3	935.9	933.3	910.7	907.0	909.5
40°	900.7	902.0	900.7	897.0	900.7	902.0	900.7	895.7	864.4	865.6	874.4
42.5°	866.9	865.6	861.9	859.4	861.9	865.6	866.9	859.4	819.3	815.6	831.8
45°	828.1	829.3	821.8	818.1	821.8	829.3	828.1	823.0	781.8	771.7	783.0
47.5°	789.2	789.2	783.0	779.2	783.0	789.2	789.2	783.0	739.2	729.1	735.3
50°	747.9	746.6	737.9	736.6	737.9	746.6	747.9	744.1	697.8	689.0	689.0
52.5°	700.3	700.3	701.5	704.0	701.5	700.3	700.3	701.5	660.2	651.5	648.9
55°	658.9	660.2	669.0	671.5	669.0	660.2	658.9	658.9	621.4	612.6	607.6
57.5°	616.3	616.3	622.6	622.6	622.6	616.3	616.3	613.8	577.5	570.0	567.5
60°	567.5	570.0	575.1	573.8	575.1	570.0	567.5	565.0	533.7	528.6	519.9
62.5°	516.1	518.7	519.9	517.4	519.9	518.7	516.1	508.7	489.9	486.1	474.8
65°	462.2	464.8	466.1	463.5	466.1	464.8	462.2	458.5	444.8	438.5	428.4
67.5°	407.1	405.9	404.6	409.7	404.6	405.9	407.1	402.2	393.4	388.4	374.6
70°	350.8	350.8	349.5	352.0	349.5	350.8	350.8	347.0	342.0	338.3	325.7
72.5°	290.7	289.4	294.4	290.7	294.4	289.4	290.7	289.4	286.9	283.1	270.6
75°	231.7	234.2	231.7	235.6	231.7	234.2	231.7	233.0	231.7	229.3	220.5
77.5°	176.6	179.1	176.6	176.6	176.6	179.1	176.6	177.9	177.9	177.9	170.4
80°	125.2	124.0	124.0	122.7	124.0	124.0	125.2	125.2	126.6	124.0	121.5
82.5°	80.1	78.9	78.9	81.4	78.9	78.9	80.1	81.4	78.9	78.9	78.9
85°	43.8	45.1	42.6	42.6	42.6	45.1	43.8	41.4	43.8	43.8	42.6
87.5°	16.3	15.0	15.0	15.0	15.0	15.0	16.3	17.6	17.6	17.6	18.8
90°	36.7	36.7	36.7	36.7	36.7	36.7	36.7	48.9	65.3	73.5	63.2
92.5°	183.7	176.4	147.2	118.0	147.2	176.4	183.7	260.5	362.8	413.9	363.4
95°	623.8	601.7	513.1	424.6	513.1	601.7	623.8	819.2	1079.7	1209.9	1021.9
97.5°	1440.1	1398.0	1229.5	1061.0	1229.5	1398.0	1440.1	1563.6	1728.3	1810.6	1497.0
100°	2022.4	1972.2	1771.4	1570.7	1771.4	1972.2	2022.4	2013.3	2001.3	1995.3	1647.3
102.5°	2519.5	2476.5	2304.6	2132.6	2304.6	2476.5	2519.5	2362.2	2152.4	2047.5	1694.6
105°	3099.8	3076.7	2984.2	2891.9	2984.2	3076.7	3099.8	2747.1	2276.8	2041.7	1700.0
107.5°	3401.5	3407.1	3429.5	3451.8	3429.5	3407.1	3401.5	2909.6	2253.6	1925.6	1624.3
110°	3478.9	3503.0	3599.3	3695.6	3599.3	3503.0	3478.9	2928.9	2195.6	1829.0	1557.3



TEST NUMBER: P935508

CATALOG NUMBER: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3429.6	3466.5	3614.4	3762.2	3614.4	3466.5	3429.6	2866.6	2116.2	1740.9	1498.7
115°	3262.3	3313.6	3518.6	3723.6	3518.6	3313.6	3262.3	2720.0	1997.0	1635.5	1431.5
117.5°	3031.1	3088.0	3315.3	3542.8	3315.3	3088.0	3031.1	2541.7	1889.2	1563.0	1389.5
120°	2875.4	2930.6	3151.6	3372.5	3151.6	2930.6	2875.4	2428.2	1832.0	1533.9	1375.3
122.5°	2719.7	2774.2	2992.2	3210.1	2992.2	2774.2	2719.7	2317.1	1780.1	1511.7	1367.8
125°	2513.7	2563.8	2764.6	2965.4	2764.6	2563.8	2513.7	2171.6	1715.6	1487.5	1361.8
127.5°	2348.3	2390.6	2560.0	2729.3	2560.0	2390.6	2348.3	2054.6	1663.0	1467.2	1358.2
130°	2243.8	2283.0	2439.4	2595.9	2439.4	2283.0	2243.8	1982.4	1633.8	1459.5	1360.4
132.5°	2154.8	2189.9	2330.0	2470.1	2330.0	2189.9	2154.8	1920.8	1608.7	1452.7	1361.8
135°	2029.1	2059.3	2180.1	2300.9	2180.1	2059.3	2029.1	1833.1	1571.7	1441.1	1360.5
137.5°	1936.3	1961.0	2059.8	2158.8	2059.8	1961.0	1936.3	1770.6	1549.6	1439.1	1368.9
140°	1861.8	1884.9	1977.4	2069.7	1977.4	1884.9	1861.8	1718.7	1527.8	1432.4	1370.3
142.5°	1809.5	1829.4	1908.9	1988.5	1908.9	1829.4	1809.5	1683.8	1516.2	1432.4	1375.2
145°	1731.3	1746.3	1806.4	1866.6	1806.4	1746.3	1731.3	1628.4	1491.2	1422.7	1375.2
147.5°	1665.5	1677.9	1727.8	1777.7	1727.8	1677.9	1665.5	1584.5	1476.7	1422.7	1384.7
150°	1627.8	1637.9	1678.3	1718.7	1678.3	1637.9	1627.8	1559.4	1468.2	1422.7	1389.6
152.5°	1597.8	1605.5	1635.9	1666.4	1635.9	1605.5	1597.8	1539.4	1461.6	1422.7	1392.8
155°	1562.0	1567.1	1587.2	1607.4	1587.2	1567.1	1562.0	1515.6	1453.7	1422.7	1399.9
157.5°	1531.0	1534.6	1548.8	1563.0	1548.8	1534.6	1531.0	1494.9	1446.8	1422.7	1407.0
160°	1515.5	1517.6	1525.7	1533.9	1525.7	1517.6	1515.5	1484.6	1443.3	1422.7	1410.2
162.5°	1501.0	1503.0	1510.7	1518.5	1510.7	1503.0	1501.0	1474.9	1440.0	1422.7	1413.6
165°	1478.8	1480.9	1489.0	1497.2	1489.0	1480.9	1478.8	1460.1	1435.2	1422.7	1418.6
167.5°	1469.1	1469.9	1473.4	1476.8	1473.4	1469.9	1469.1	1456.9	1440.5	1432.4	1428.9
170°	1469.1	1469.1	1469.1	1469.1	1469.1	1469.1	1469.1	1456.9	1440.5	1432.4	1432.2
172.5°	1461.4	1460.7	1457.6	1454.6	1457.6	1460.7	1461.4	1451.7	1438.8	1432.4	1432.4
175°	1450.8	1450.8	1450.8	1450.8	1450.8	1450.8	1450.8	1444.6	1436.5	1432.4	1434.3
177.5°	1448.8	1448.0	1444.5	1441.1	1444.5	1448.0	1448.8	1444.0	1437.5	1434.3	1435.8
180°	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1	1441.1



TEST NUMBER: P935508

CATALOG NUMBER: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1324.2	1324.2	1324.2	1324.2	1324.2
2.5°	1307.9	1314.1	1318.0	1322.9	1335.4
5°	1257.8	1281.6	1289.1	1307.9	1330.5
7.5°	1147.5	1220.2	1240.3	1285.4	1320.4
10°	1041.0	1113.7	1148.8	1255.3	1307.9
12.5°	987.1	1029.8	1053.6	1202.7	1290.3
15°	953.3	983.4	1001.0	1132.5	1270.3
17.5°	927.1	948.4	960.9	1063.6	1242.8
20°	910.7	920.8	932.0	1013.5	1211.4
22.5°	899.5	893.3	902.0	978.5	1168.8
25°	892.0	868.2	878.2	950.9	1118.7
27.5°	898.2	845.6	849.4	925.8	1066.2
30°	899.5	818.1	819.3	899.5	1007.2
32.5°	890.8	789.2	790.5	866.9	940.8
35°	869.5	755.4	754.2	829.3	850.6
37.5°	840.6	719.1	719.1	788.0	751.7
40°	805.6	682.8	686.5	734.1	664.0
42.5°	763.0	643.9	648.9	662.8	598.8
45°	716.6	606.4	610.1	560.0	548.7
47.5°	665.2	567.5	568.8	464.8	532.5
50°	603.8	527.4	522.4	398.4	531.2
52.5°	549.9	483.5	468.5	360.8	482.3
55°	497.4	437.2	404.6	331.9	447.2
57.5°	451.0	377.1	345.8	298.1	439.7
60°	408.4	318.2	294.4	261.8	403.4
62.5°	373.3	274.3	269.4	236.8	365.8
65°	335.8	244.3	243.0	215.5	310.6
67.5°	299.4	224.3	223.0	195.4	236.8
70°	260.6	203.0	200.4	174.1	175.4
72.5°	220.5	179.1	176.6	156.6	145.3
75°	180.4	151.6	150.4	136.6	117.8
77.5°	141.6	120.3	122.7	110.2	86.5
80°	101.4	87.7	90.2	78.9	65.1
82.5°	67.6	57.6	60.1	50.2	43.8
85°	37.5	32.6	33.8	26.3	20.1
87.5°	17.6	15.0	15.0	10.0	6.3
90°	42.6	27.1	25.1	17.5	9.7
92.5°	262.5	186.7	170.3	104.4	38.7
95°	645.8	363.7	333.6	213.2	92.8
97.5°	869.8	399.5	372.9	266.8	160.6
100°	951.4	429.5	405.4	309.1	212.8
102.5°	988.8	459.4	436.9	347.1	257.2
105°	1016.5	503.9	484.8	408.8	332.7
107.5°	1021.6	569.6	551.9	481.0	410.1
110°	1014.0	606.4	590.5	526.4	462.3



TEST NUMBER: P935508

CATALOG NUMBER: SQ4-FA-125U-050D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1014.2	650.9	635.7	574.6	513.6
115°	1023.6	717.6	703.5	647.3	590.9
117.5°	1042.6	782.4	769.6	718.5	667.3
120°	1058.0	820.1	808.1	760.0	711.8
122.5°	1080.3	864.6	852.5	803.9	755.3
125°	1110.2	921.7	910.6	866.4	822.1
127.5°	1140.3	976.9	965.7	921.0	876.3
130°	1162.2	1013.6	1001.5	953.4	905.2
132.5°	1179.9	1043.6	1031.5	983.4	935.2
135°	1199.3	1078.4	1067.5	1023.6	979.8
137.5°	1228.3	1122.9	1112.0	1068.6	1025.2
140°	1246.0	1152.8	1142.8	1102.9	1062.9
142.5°	1260.8	1175.1	1165.8	1128.9	1091.9
145°	1280.2	1209.0	1200.9	1168.6	1136.4
147.5°	1308.6	1251.6	1243.7	1212.3	1180.9
150°	1323.4	1273.8	1266.7	1238.3	1209.9
152.5°	1333.1	1288.3	1282.8	1261.4	1239.9
155°	1354.4	1320.2	1316.2	1300.3	1284.4
157.5°	1375.6	1352.1	1348.2	1332.7	1317.3
160°	1385.3	1366.6	1363.6	1351.6	1339.5
162.5°	1395.6	1382.0	1379.8	1370.7	1361.8
165°	1410.4	1404.4	1402.3	1394.2	1386.0
167.5°	1422.0	1416.9	1415.9	1412.0	1408.2
170°	1431.7	1431.4	1430.5	1426.6	1422.7
172.5°	1432.4	1432.4	1432.2	1431.3	1430.4
175°	1438.2	1441.1	1441.1	1441.1	1441.1
177.5°	1438.8	1441.1	1441.1	1441.1	1441.1
180°	1441.1	1441.1	1441.1	1441.1	1441.1



TEST NUMBER: P935508
 CATALOG NUMBER: SQ4-FA-125U-050D-B50-1D-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	8.46	9.15	9.59	10.27	11.84	11.30	11.98	12.43	13.11	14.67
	3H	8.92	9.54	10.06	10.67	12.25	12.63	13.25	13.77	14.38	15.96
	4H	9.11	9.69	10.26	10.82	12.41	13.07	13.65	14.22	14.79	16.37
	6H	9.22	9.75	10.37	10.89	12.49	13.35	13.88	14.50	15.02	16.62
	8H	9.21	9.72	10.37	10.87	12.46	13.42	13.93	14.58	15.08	16.67
	12H	9.18	9.66	10.34	10.80	12.42	13.45	13.93	14.62	15.08	16.69
4H	2H	9.47	10.06	10.63	11.19	12.78	11.68	12.27	12.84	13.40	14.99
	3H	10.48	10.97	11.65	12.13	13.73	13.18	13.66	14.34	14.82	16.42
	4H	10.75	11.20	11.92	12.35	13.96	13.70	14.15	14.86	15.29	16.91
	6H	10.87	11.25	12.04	12.42	14.03	14.05	14.44	15.23	15.61	17.22
	8H	10.87	11.22	12.04	12.39	14.01	14.16	14.52	15.33	15.68	17.30
	12H	10.83	11.15	12.01	12.32	13.95	14.21	14.53	15.39	15.70	17.34
8H	4H	11.19	11.55	12.36	12.71	14.34	13.81	14.16	14.98	15.33	16.95
	6H	11.45	11.74	12.64	12.94	14.57	14.24	14.53	15.43	15.74	17.36
	8H	11.49	11.74	12.68	12.92	14.57	14.39	14.65	15.58	15.83	17.47
	12H	11.46	11.69	12.66	12.87	14.54	14.48	14.71	15.68	15.89	17.56
12H	4H	11.19	11.51	12.38	12.69	14.32	13.76	14.09	14.95	15.26	16.89
	6H	11.51	11.76	12.70	12.94	14.59	14.23	14.49	15.43	15.67	17.32
	8H	11.56	11.79	12.76	12.97	14.64	14.39	14.61	15.59	15.79	17.47