

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: P935476

Luminaire Tested: SQ4-FA-125U-050D-940-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935476
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-940-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

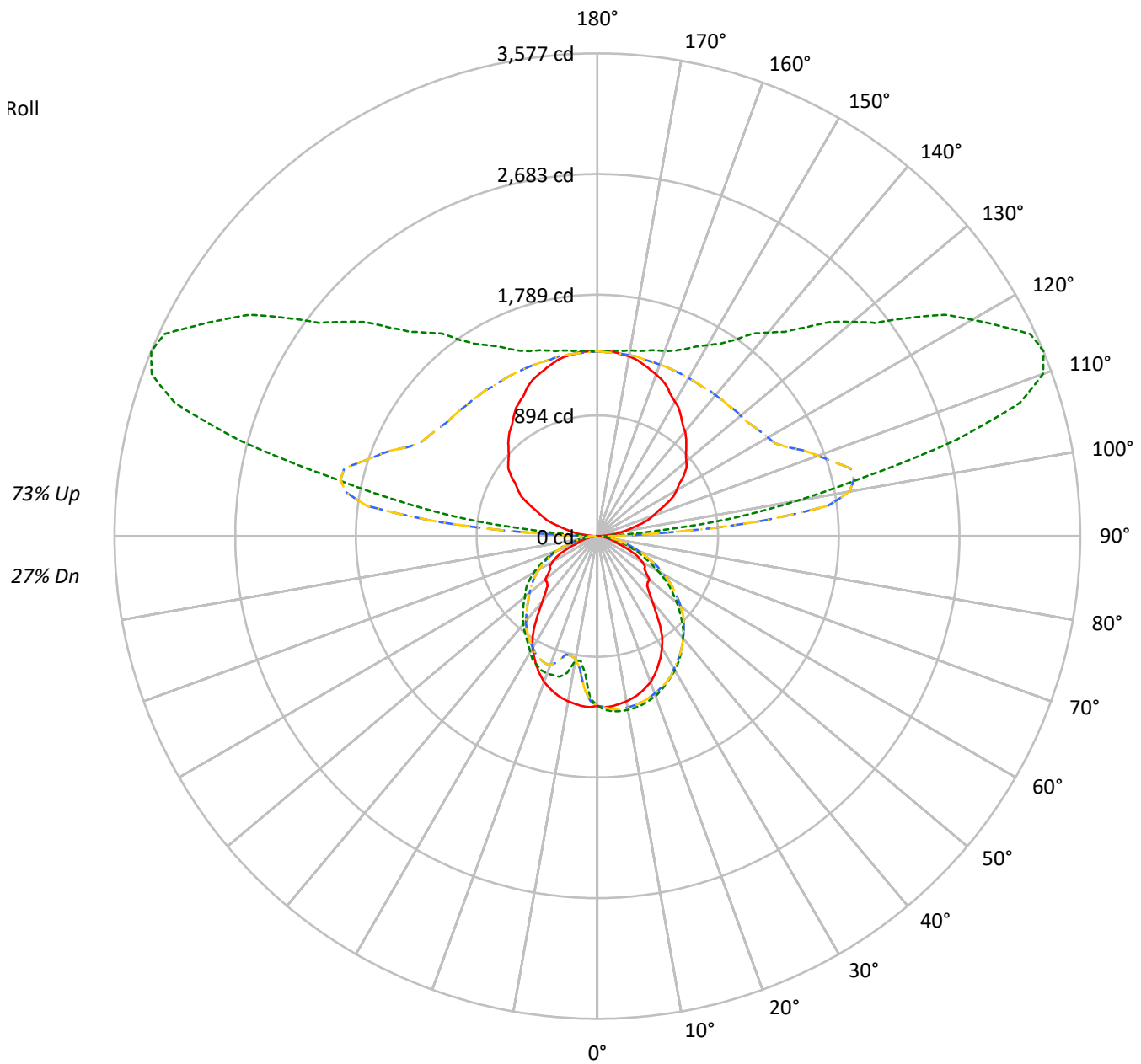
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12151.4 lumens
Efficiency: N/A
Efficacy: 127.6 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

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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	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°	5841	5841	5841	5841
5°	5885	5896	5885	4637
10°	5845	5808	5845	4152
15°	5782	5682	5782	4745
20°	5661	5533	5661	4755
25°	5413	5316	5413	4654
30°	5093	5135	5093	4433
35°	4541	4907	4541	4190
40°	3784	4638	3784	4006
45°	3381	4323	3381	3795
50°	3592	3948	3592	3583
55°	3379	3544	3379	3460
60°	3483	3010	3483	3169
65°	3157	2489	3157	2781
70°	2188	1983	2188	2331
75°	1918	1466	1918	1756
80°	1544	969	1544	1055
85°	890	514	890	436

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5181 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.6	0.9
10°-20°	322.7	2.7
20°-30°	498.8	4.1
30°-40°	595.4	4.9
40°-50°	598.9	4.9
50°-60°	521.1	4.3
60°-70°	369.5	3.0
70°-80°	195.5	1.6
80°-90°	53.9	0.4
90°-100°	667.9	5.5
100°-110°	1755.8	14.4
110°-120°	1820.6	15.0
120°-130°	1460.4	12.0
130°-140°	1145.9	9.4
140°-150°	879.5	7.2
150°-160°	633.4	5.2
160°-170°	387.5	3.2
170°-180°	130.9	1.1
0°-30°	935.1	7.7
0°-40°	1530.5	12.6
0°-60°	2650.6	21.8
0°-90°	3269.5	26.9
90°-120°	4244.3	34.9
90°-150°	7730.1	63.6
90°-180°	8882.0	73.1
0°-180°	12151.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1259	1259	1259	1259	1259	
5°	1265	1304	1265	1026	1265	120
15°	1208	1292	1208	1079	1208	340
25°	1064	1205	1064	1055	1064	488
35°	809	1076	809	918	809	500
45°	522	886	522	778	522	418
55°	425	654	425	638	425	391
65°	295	394	295	441	295	282
75°	112	187	112	224	112	118
85°	19	48	19	40	19	26
90°	9	35	9	35	9	8
95°	88	404	88	404	88	98
105°	316	2749	316	2749	316	335
115°	562	3540	562	3540	562	555
125°	782	2819	782	2819	782	694
135°	932	2188	932	2188	932	721
145°	1080	1775	1080	1775	1080	677
155°	1221	1528	1221	1528	1221	561
165°	1318	1424	1318	1424	1318	372
175°	1370	1379	1370	1379	1370	130
180°	1370	1370	1370	1370	1370	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0
2.5°	1269.7	1269.7	1276.9	1279.3	1279.3	1275.6	1272.1	1275.6	1286.4	1289.9	1288.8
5°	1265.0	1274.5	1287.6	1289.9	1292.3	1291.2	1288.8	1291.2	1303.1	1305.4	1306.6
7.5°	1255.4	1273.3	1289.9	1293.5	1297.1	1293.5	1292.3	1294.7	1306.6	1309.0	1309.0
10°	1243.5	1268.5	1287.6	1289.9	1293.5	1289.9	1289.9	1294.7	1306.6	1309.0	1310.2
12.5°	1226.8	1261.3	1279.3	1281.6	1286.4	1285.2	1284.0	1288.8	1300.7	1303.1	1303.1
15°	1207.8	1248.3	1265.0	1267.3	1275.6	1273.3	1273.3	1278.0	1291.2	1294.7	1293.5
17.5°	1181.6	1231.6	1250.7	1254.2	1260.2	1259.0	1260.2	1265.0	1276.9	1279.3	1280.4
20°	1151.7	1208.9	1231.6	1235.1	1241.1	1241.1	1241.1	1247.0	1259.0	1263.7	1263.7
22.5°	1111.2	1185.1	1208.9	1211.3	1218.5	1218.5	1220.8	1229.2	1239.9	1241.1	1241.1
25°	1063.6	1158.9	1179.2	1186.3	1193.5	1197.0	1200.6	1205.4	1208.9	1207.8	1208.9
27.5°	1013.7	1125.5	1151.7	1156.5	1166.0	1169.7	1174.4	1175.6	1176.8	1180.3	1178.0
30°	957.6	1079.1	1118.4	1123.2	1138.7	1141.1	1136.3	1138.7	1144.6	1147.0	1149.4
32.5°	894.5	1010.0	1083.9	1094.6	1108.9	1101.7	1100.6	1104.1	1113.6	1113.6	1116.0
35°	808.7	956.5	1051.7	1061.2	1072.0	1063.6	1068.4	1069.6	1075.5	1079.1	1077.9
37.5°	714.7	910.0	1018.4	1025.6	1033.9	1023.2	1030.3	1033.9	1038.6	1036.2	1036.2
40°	631.3	837.3	979.1	983.8	991.0	982.7	989.8	992.2	994.6	992.2	991.0
42.5°	569.3	757.6	937.4	943.3	938.5	944.6	946.9	951.7	948.1	943.3	943.3
45°	521.7	736.1	892.1	899.3	892.1	901.7	905.2	905.2	894.5	892.1	890.9
47.5°	506.2	693.2	846.9	846.9	843.2	855.2	861.2	852.8	842.1	838.5	838.5
50°	505.0	645.6	784.9	780.2	796.8	811.1	805.1	796.8	788.5	775.4	775.4
52.5°	458.6	587.2	705.2	723.0	749.2	757.6	748.0	739.7	725.4	719.4	714.7
55°	425.2	526.5	632.4	668.2	695.6	706.3	688.5	680.1	658.6	655.1	652.7
57.5°	418.1	438.3	565.7	611.0	644.3	643.2	632.4	617.0	599.1	595.6	594.3
60°	383.5	316.8	494.3	547.9	582.4	578.9	569.3	555.0	538.4	536.0	533.6
62.5°	347.8	229.9	413.3	474.0	522.9	521.7	513.4	492.0	480.0	474.0	469.3
65°	295.3	193.0	294.2	394.3	464.5	466.9	449.1	433.5	420.5	413.3	412.1
67.5°	225.1	157.3	198.9	328.7	408.6	406.2	383.5	376.4	359.7	356.2	349.0
70°	166.8	104.8	138.2	266.8	353.8	347.8	329.9	321.6	306.1	297.7	293.0
72.5°	138.2	84.5	101.2	207.3	297.7	290.6	275.1	265.6	252.5	245.4	240.6
75°	112.0	89.3	77.4	153.6	241.8	237.0	222.7	213.2	202.5	193.0	194.1
77.5°	82.2	83.4	61.9	113.1	191.8	184.6	176.3	164.4	159.6	150.1	150.1
80°	61.9	65.5	46.4	77.4	138.2	138.2	131.0	122.7	114.4	109.6	109.6
82.5°	41.6	41.6	34.5	48.8	94.1	90.5	85.8	83.4	78.6	76.2	76.2
85°	19.1	23.8	21.4	29.7	51.2	53.6	53.6	51.2	50.0	47.7	48.8
87.5°	5.9	10.7	13.1	16.7	26.2	27.4	28.6	28.6	28.6	29.7	29.7
90°	9.2	16.6	23.9	25.8	40.5	60.1	69.9	62.1	46.5	34.9	34.9
92.5°	36.8	99.3	161.9	177.5	249.5	345.5	393.6	344.9	247.7	174.7	167.7
95°	88.3	202.7	317.2	345.8	614.0	971.6	1150.3	1026.5	778.9	593.1	572.0
97.5°	152.6	253.6	354.6	379.8	827.0	1423.3	1721.4	1643.2	1486.6	1369.2	1329.2
100°	202.3	293.8	385.4	408.3	904.5	1566.2	1897.0	1902.7	1914.2	1922.8	1875.1
102.5°	244.6	330.0	415.4	436.8	940.1	1611.2	1946.7	2046.4	2245.8	2395.4	2354.5
105°	316.3	388.7	461.0	479.1	966.4	1616.2	1941.2	2164.7	2611.8	2947.1	2925.2
107.5°	389.9	457.3	524.7	541.6	971.3	1544.3	1830.8	2142.7	2766.3	3234.0	3239.3
110°	439.6	500.5	561.4	576.6	964.0	1480.6	1738.9	2087.5	2784.7	3307.5	3330.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	488.3	546.3	604.4	618.8	964.3	1424.9	1655.1	2011.9	2725.4	3260.6	3295.8
115°	561.8	615.4	668.8	682.3	973.2	1361.0	1555.0	1898.6	2586.0	3101.6	3150.4
117.5°	634.5	683.1	731.7	743.9	991.3	1321.1	1486.0	1796.2	2416.5	2881.8	2935.9
120°	676.7	722.6	768.3	779.8	1005.9	1307.6	1458.4	1741.8	2308.6	2733.8	2786.3
122.5°	718.1	764.3	810.5	822.0	1027.1	1300.5	1437.2	1692.4	2203.0	2585.8	2637.5
125°	781.6	823.7	865.8	876.3	1055.6	1294.7	1414.2	1631.1	2064.7	2389.9	2437.6
127.5°	833.1	875.7	918.1	928.8	1084.2	1291.3	1395.0	1581.1	1953.4	2232.6	2272.8
130°	860.6	906.5	952.2	963.7	1104.9	1293.4	1387.6	1553.3	1884.8	2133.3	2170.5
132.5°	889.2	935.0	980.7	992.2	1121.8	1294.7	1381.1	1529.5	1826.2	2048.7	2082.0
135°	931.5	973.2	1014.9	1025.3	1140.2	1293.5	1370.1	1494.3	1742.8	1929.2	1957.9
137.5°	974.7	1016.0	1057.3	1067.6	1167.8	1301.5	1368.2	1473.3	1683.4	1840.9	1864.4
140°	1010.5	1048.6	1086.6	1096.1	1184.7	1302.8	1361.8	1452.6	1634.0	1770.1	1792.1
142.5°	1038.2	1073.3	1108.4	1117.2	1198.7	1307.5	1361.8	1441.5	1600.9	1720.4	1739.3
145°	1080.4	1111.1	1141.8	1149.4	1217.2	1307.5	1352.6	1417.8	1548.2	1646.0	1660.3
147.5°	1122.8	1152.6	1182.5	1189.9	1244.2	1316.5	1352.6	1403.9	1506.5	1583.5	1595.3
150°	1150.3	1177.3	1204.3	1211.1	1258.2	1321.2	1352.6	1395.9	1482.6	1547.6	1557.2
152.5°	1178.8	1199.2	1219.7	1224.8	1267.4	1324.2	1352.6	1389.6	1463.6	1519.1	1526.4
155°	1221.2	1236.3	1251.4	1255.2	1287.7	1330.9	1352.6	1382.1	1441.0	1485.1	1489.9
157.5°	1252.4	1267.1	1281.8	1285.5	1307.8	1337.7	1352.6	1375.5	1421.2	1455.6	1459.0
160°	1273.6	1285.0	1296.5	1299.3	1317.1	1340.8	1352.6	1372.2	1411.5	1440.9	1442.8
162.5°	1294.7	1303.2	1311.8	1314.0	1326.8	1344.0	1352.6	1369.1	1402.2	1427.1	1429.0
165°	1317.7	1325.5	1333.2	1335.2	1341.0	1348.7	1352.6	1364.5	1388.2	1406.0	1407.9
167.5°	1338.8	1342.5	1346.2	1347.1	1352.0	1358.6	1361.8	1369.6	1385.1	1396.7	1397.5
170°	1352.6	1356.3	1360.1	1360.9	1361.2	1361.7	1361.8	1369.6	1385.1	1396.7	1396.7
172.5°	1360.0	1360.8	1361.7	1361.8	1361.8	1361.8	1361.8	1368.0	1380.2	1389.5	1388.7
175°	1370.1	1370.1	1370.1	1370.1	1367.3	1363.7	1361.8	1365.7	1373.5	1379.3	1379.3
177.5°	1370.1	1370.1	1370.1	1370.1	1368.0	1365.1	1363.7	1366.7	1372.8	1377.5	1376.7
180°	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0
2.5°	1291.2	1287.6	1291.2	1288.8	1289.9	1286.4	1275.6	1272.1	1275.6	1279.3	1279.3
5°	1306.6	1304.2	1306.6	1306.6	1305.4	1303.1	1291.2	1288.8	1291.2	1292.3	1289.9
7.5°	1311.4	1307.8	1311.4	1309.0	1309.0	1306.6	1294.7	1292.3	1293.5	1297.1	1293.5
10°	1311.4	1307.8	1311.4	1310.2	1309.0	1306.6	1294.7	1289.9	1289.9	1293.5	1289.9
12.5°	1305.4	1303.1	1305.4	1303.1	1303.1	1300.7	1288.8	1284.0	1285.2	1286.4	1281.6
15°	1295.9	1292.3	1295.9	1293.5	1294.7	1291.2	1278.0	1273.3	1273.3	1275.6	1267.3
17.5°	1281.6	1276.9	1281.6	1280.4	1279.3	1276.9	1265.0	1260.2	1259.0	1260.2	1254.2
20°	1265.0	1261.3	1265.0	1263.7	1263.7	1259.0	1247.0	1241.1	1241.1	1241.1	1235.1
22.5°	1238.8	1235.1	1238.8	1241.1	1241.1	1239.9	1229.2	1220.8	1218.5	1218.5	1211.3
25°	1208.9	1205.4	1208.9	1208.9	1207.8	1208.9	1205.4	1200.6	1197.0	1193.5	1186.3
27.5°	1180.3	1178.0	1180.3	1178.0	1180.3	1176.8	1175.6	1174.4	1169.7	1166.0	1156.5
30°	1151.7	1149.4	1151.7	1149.4	1147.0	1144.6	1138.7	1136.3	1141.1	1138.7	1123.2
32.5°	1116.0	1113.6	1116.0	1116.0	1113.6	1113.6	1104.1	1100.6	1101.7	1108.9	1094.6
35°	1079.1	1075.5	1079.1	1077.9	1079.1	1075.5	1069.6	1068.4	1063.6	1072.0	1061.2
37.5°	1036.2	1032.7	1036.2	1036.2	1036.2	1038.6	1033.9	1030.3	1023.2	1033.9	1025.6
40°	992.2	987.4	992.2	991.0	992.2	994.6	992.2	989.8	982.7	991.0	983.8
42.5°	942.2	940.9	942.2	943.3	943.3	948.1	951.7	946.9	944.6	938.5	943.3
45°	888.5	886.1	888.5	890.9	892.1	894.5	905.2	905.2	901.7	892.1	899.3
47.5°	831.3	825.4	831.3	838.5	838.5	842.1	852.8	861.2	855.2	843.2	846.9
50°	770.6	771.8	770.6	775.4	775.4	788.5	796.8	805.1	811.1	796.8	780.2
52.5°	711.1	709.9	711.1	714.7	719.4	725.4	739.7	748.0	757.6	749.2	723.0
55°	651.5	653.9	651.5	652.7	655.1	658.6	680.1	688.5	706.3	695.6	668.2
57.5°	591.9	588.4	591.9	594.3	595.6	599.1	617.0	632.4	643.2	644.3	611.0
60°	522.9	518.1	522.9	533.6	536.0	538.4	555.0	569.3	578.9	582.4	547.9
62.5°	462.1	453.8	462.1	469.3	474.0	480.0	492.0	513.4	521.7	522.9	474.0
65°	397.8	394.3	397.8	412.1	413.3	420.5	433.5	449.1	466.9	464.5	394.3
67.5°	339.5	339.5	339.5	349.0	356.2	359.7	376.4	383.5	406.2	408.6	328.7
70°	285.8	284.7	285.8	293.0	297.7	306.1	321.6	329.9	347.8	353.8	266.8
72.5°	234.6	233.5	234.6	240.6	245.4	252.5	265.6	275.1	290.6	297.7	207.3
75°	189.4	187.0	189.4	194.1	193.0	202.5	213.2	222.7	237.0	241.8	153.6
77.5°	145.3	145.3	145.3	150.1	150.1	159.6	164.4	176.3	184.6	191.8	113.1
80°	108.4	107.2	108.4	109.6	109.6	114.4	122.7	131.0	138.2	138.2	77.4
82.5°	76.2	73.9	76.2	76.2	76.2	78.6	83.4	85.8	90.5	94.1	48.8
85°	47.7	47.7	47.7	48.8	47.7	50.0	51.2	53.6	53.6	51.2	29.7
87.5°	31.0	29.7	31.0	29.7	29.7	28.6	28.6	28.6	27.4	26.2	16.7
90°	34.9	34.9	34.9	34.9	34.9	46.5	62.1	69.9	60.1	40.5	25.8
92.5°	139.9	112.2	139.9	167.7	174.7	247.7	344.9	393.6	345.5	249.5	177.5
95°	487.9	403.7	487.9	572.0	593.1	778.9	1026.5	1150.3	971.6	614.0	345.8
97.5°	1169.0	1008.8	1169.0	1329.2	1369.2	1486.6	1643.2	1721.4	1423.3	827.0	379.8
100°	1684.2	1493.3	1684.2	1875.1	1922.8	1914.2	1902.7	1897.0	1566.2	904.5	408.3
102.5°	2191.1	2027.6	2191.1	2354.5	2395.4	2245.8	2046.4	1946.7	1611.2	940.1	436.8
105°	2837.2	2749.4	2837.2	2925.2	2947.1	2611.8	2164.7	1941.2	1616.2	966.4	479.1
107.5°	3260.6	3281.8	3260.6	3239.3	3234.0	2766.3	2142.7	1830.8	1544.3	971.3	541.6
110°	3422.0	3513.5	3422.0	3330.4	3307.5	2784.7	2087.5	1738.9	1480.6	964.0	576.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3436.4	3577.0	3436.4	3295.8	3260.6	2725.4	2011.9	1655.1	1424.9	964.3	618.8
115°	3345.3	3540.2	3345.3	3150.4	3101.6	2586.0	1898.6	1555.0	1361.0	973.2	682.3
117.5°	3152.0	3368.3	3152.0	2935.9	2881.8	2416.5	1796.2	1486.0	1321.1	991.3	743.9
120°	2996.4	3206.4	2996.4	2786.3	2733.8	2308.6	1741.8	1458.4	1307.6	1005.9	779.8
122.5°	2844.8	3052.0	2844.8	2637.5	2585.8	2203.0	1692.4	1437.2	1300.5	1027.1	822.0
125°	2628.5	2819.3	2628.5	2437.6	2389.9	2064.7	1631.1	1414.2	1294.7	1055.6	876.3
127.5°	2433.9	2594.9	2433.9	2272.8	2232.6	1953.4	1581.1	1395.0	1291.3	1084.2	928.8
130°	2319.3	2468.0	2319.3	2170.5	2133.3	1884.8	1553.3	1387.6	1293.4	1104.9	963.7
132.5°	2215.3	2348.5	2215.3	2082.0	2048.7	1826.2	1529.5	1381.1	1294.7	1121.8	992.2
135°	2072.8	2187.6	2072.8	1957.9	1929.2	1742.8	1494.3	1370.1	1293.5	1140.2	1025.3
137.5°	1958.4	2052.4	1958.4	1864.4	1840.9	1683.4	1473.3	1368.2	1301.5	1167.8	1067.6
140°	1880.0	1967.8	1880.0	1792.1	1770.1	1634.0	1452.6	1361.8	1302.8	1184.7	1096.1
142.5°	1814.9	1890.6	1814.9	1739.3	1720.4	1600.9	1441.5	1361.8	1307.5	1198.7	1117.2
145°	1717.5	1774.7	1717.5	1660.3	1646.0	1548.2	1417.8	1352.6	1307.5	1217.2	1149.4
147.5°	1642.7	1690.1	1642.7	1595.3	1583.5	1506.5	1403.9	1352.6	1316.5	1244.2	1189.9
150°	1595.6	1634.0	1595.6	1557.2	1547.6	1482.6	1395.9	1352.6	1321.2	1258.2	1211.1
152.5°	1555.3	1584.4	1555.3	1526.4	1519.1	1463.6	1389.6	1352.6	1324.2	1267.4	1224.8
155°	1509.1	1528.2	1509.1	1489.9	1485.1	1441.0	1382.1	1352.6	1330.9	1287.7	1255.2
157.5°	1472.5	1486.0	1472.5	1459.0	1455.6	1421.2	1375.5	1352.6	1337.7	1307.8	1285.5
160°	1450.5	1458.4	1450.5	1442.8	1440.9	1411.5	1372.2	1352.6	1340.8	1317.1	1299.3
162.5°	1436.3	1443.7	1436.3	1429.0	1427.1	1402.2	1369.1	1352.6	1344.0	1326.8	1314.0
165°	1415.6	1423.5	1415.6	1407.9	1406.0	1388.2	1364.5	1352.6	1348.7	1341.0	1335.2
167.5°	1400.8	1404.1	1400.8	1397.5	1396.7	1385.1	1369.6	1361.8	1358.6	1352.0	1347.1
170°	1396.7	1396.7	1396.7	1396.7	1396.7	1385.1	1369.6	1361.8	1361.7	1361.2	1360.9
172.5°	1385.8	1383.0	1385.8	1388.7	1389.5	1380.2	1368.0	1361.8	1361.8	1361.8	1361.8
175°	1379.3	1379.3	1379.3	1379.3	1379.3	1373.5	1365.7	1361.8	1363.7	1367.3	1370.1
177.5°	1373.4	1370.1	1373.4	1376.7	1377.5	1372.8	1366.7	1363.7	1365.1	1368.0	1370.1
180°	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0
2.5°	1276.9	1269.7	1269.7	1257.8	1253.1	1249.4	1243.5	1225.6	1220.8	1216.1	1223.2
5°	1287.6	1274.5	1265.0	1243.5	1225.6	1218.5	1195.9	1153.0	1124.4	1102.9	1091.0
7.5°	1289.9	1273.3	1255.4	1222.1	1179.2	1160.1	1091.0	1012.4	991.0	971.9	960.0
10°	1287.6	1268.5	1243.5	1193.5	1092.2	1058.9	989.8	938.5	925.5	921.9	925.5
12.5°	1279.3	1261.3	1226.8	1143.5	1001.7	979.1	938.5	908.8	906.4	912.3	944.6
15°	1265.0	1248.3	1207.8	1076.7	951.7	935.0	906.4	895.7	908.8	950.5	1047.0
17.5°	1250.7	1231.6	1181.6	1011.3	913.6	901.7	881.4	902.8	976.7	1032.7	1064.8
20°	1231.6	1208.9	1151.7	963.6	886.1	875.5	865.9	962.4	1018.4	1038.6	1056.5
22.5°	1208.9	1185.1	1111.2	930.3	857.5	849.3	855.2	995.7	1018.4	1032.7	1048.1
25°	1179.2	1158.9	1063.6	904.1	835.0	825.4	848.0	992.2	1005.3	1008.9	1039.8
27.5°	1151.7	1125.5	1013.7	880.2	807.5	804.0	854.0	976.7	986.2	989.8	1023.2
30°	1118.4	1079.1	957.6	855.2	779.0	777.8	855.2	957.6	955.2	964.8	998.1
32.5°	1083.9	1010.0	894.5	824.2	751.6	750.4	846.9	929.0	926.6	939.8	964.8
35°	1051.7	956.5	808.7	788.5	717.1	718.2	826.6	895.7	896.9	908.8	924.3
37.5°	1018.4	910.0	714.7	749.2	683.7	683.7	799.2	864.7	862.3	865.9	887.4
40°	979.1	837.3	631.3	698.0	652.7	649.1	765.9	831.3	823.0	821.8	851.6
42.5°	937.4	757.6	569.3	630.1	617.0	612.2	725.4	790.9	775.4	779.0	817.0
45°	892.1	736.1	521.7	532.4	580.0	576.5	681.3	744.4	733.7	743.3	782.5
47.5°	846.9	693.2	506.2	441.9	540.8	539.5	632.4	699.1	693.2	702.8	744.4
50°	784.9	645.6	505.0	378.7	496.7	501.5	574.1	655.1	655.1	663.4	707.5
52.5°	705.2	587.2	458.6	343.0	445.4	459.7	522.9	617.0	619.4	627.7	667.0
55°	632.4	526.5	425.2	315.6	384.7	415.7	472.9	577.6	582.4	590.8	626.5
57.5°	565.7	438.3	418.1	283.4	328.7	358.5	428.8	539.5	541.9	549.1	583.6
60°	494.3	316.8	383.5	248.9	279.9	302.5	388.3	494.3	502.6	507.4	537.2
62.5°	413.3	229.9	347.8	225.1	256.1	260.8	354.9	451.5	462.1	465.8	483.6
65°	294.2	193.0	295.3	204.9	231.1	232.3	319.2	407.3	416.9	422.9	435.9
67.5°	198.9	157.3	225.1	185.8	212.1	213.2	284.7	356.2	369.2	374.0	382.4
70°	138.2	104.8	166.8	165.5	190.6	193.0	247.8	309.6	321.6	325.2	329.9
72.5°	101.2	84.5	138.2	148.9	167.9	170.3	209.7	257.3	269.2	272.8	275.1
75°	77.4	89.3	112.0	129.8	143.0	144.1	171.5	209.7	218.0	220.3	221.6
77.5°	61.9	83.4	82.2	104.8	116.7	114.4	134.6	162.0	169.2	169.2	169.2
80°	46.4	65.5	61.9	75.0	85.8	83.4	96.4	115.5	117.9	120.3	119.1
82.5°	34.5	41.6	41.6	47.7	57.2	54.8	64.3	75.0	75.0	75.0	77.4
85°	21.4	23.8	19.1	25.0	32.1	31.0	35.7	40.5	41.6	41.6	39.3
87.5°	13.1	10.7	5.9	9.5	14.3	14.3	16.7	17.8	16.7	16.7	16.7
90°	23.9	16.6	9.2	16.6	23.9	25.8	40.5	60.1	69.9	62.1	46.5
92.5°	161.9	99.3	36.8	99.3	161.9	177.5	249.5	345.5	393.6	344.9	247.7
95°	317.2	202.7	88.3	202.7	317.2	345.8	614.0	971.6	1150.3	1026.5	778.9
97.5°	354.6	253.6	152.6	253.6	354.6	379.8	827.0	1423.3	1721.4	1643.2	1486.6
100°	385.4	293.8	202.3	293.8	385.4	408.3	904.5	1566.2	1897.0	1902.7	1914.2
102.5°	415.4	330.0	244.6	330.0	415.4	436.8	940.1	1611.2	1946.7	2046.4	2245.8
105°	461.0	388.7	316.3	388.7	461.0	479.1	966.4	1616.2	1941.2	2164.7	2611.8
107.5°	524.7	457.3	389.9	457.3	524.7	541.6	971.3	1544.3	1830.8	2142.7	2766.3
110°	561.4	500.5	439.6	500.5	561.4	576.6	964.0	1480.6	1738.9	2087.5	2784.7



TEST NUMBER: P935476

CATALOG NUMBER: SQ4-FA-125U-050D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	604.4	546.3	488.3	546.3	604.4	618.8	964.3	1424.9	1655.1	2011.9	2725.4
115°	668.8	615.4	561.8	615.4	668.8	682.3	973.2	1361.0	1555.0	1898.6	2586.0
117.5°	731.7	683.1	634.5	683.1	731.7	743.9	991.3	1321.1	1486.0	1796.2	2416.5
120°	768.3	722.6	676.7	722.6	768.3	779.8	1005.9	1307.6	1458.4	1741.8	2308.6
122.5°	810.5	764.3	718.1	764.3	810.5	822.0	1027.1	1300.5	1437.2	1692.4	2203.0
125°	865.8	823.7	781.6	823.7	865.8	876.3	1055.6	1294.7	1414.2	1631.1	2064.7
127.5°	918.1	875.7	833.1	875.7	918.1	928.8	1084.2	1291.3	1395.0	1581.1	1953.4
130°	952.2	906.5	860.6	906.5	952.2	963.7	1104.9	1293.4	1387.6	1553.3	1884.8
132.5°	980.7	935.0	889.2	935.0	980.7	992.2	1121.8	1294.7	1381.1	1529.5	1826.2
135°	1014.9	973.2	931.5	973.2	1014.9	1025.3	1140.2	1293.5	1370.1	1494.3	1742.8
137.5°	1057.3	1016.0	974.7	1016.0	1057.3	1067.6	1167.8	1301.5	1368.2	1473.3	1683.4
140°	1086.6	1048.6	1010.5	1048.6	1086.6	1096.1	1184.7	1302.8	1361.8	1452.6	1634.0
142.5°	1108.4	1073.3	1038.2	1073.3	1108.4	1117.2	1198.7	1307.5	1361.8	1441.5	1600.9
145°	1141.8	1111.1	1080.4	1111.1	1141.8	1149.4	1217.2	1307.5	1352.6	1417.8	1548.2
147.5°	1182.5	1152.6	1122.8	1152.6	1182.5	1189.9	1244.2	1316.5	1352.6	1403.9	1506.5
150°	1204.3	1177.3	1150.3	1177.3	1204.3	1211.1	1258.2	1321.2	1352.6	1395.9	1482.6
152.5°	1219.7	1199.2	1178.8	1199.2	1219.7	1224.8	1267.4	1324.2	1352.6	1389.6	1463.6
155°	1251.4	1236.3	1221.2	1236.3	1251.4	1255.2	1287.7	1330.9	1352.6	1382.1	1441.0
157.5°	1281.8	1267.1	1252.4	1267.1	1281.8	1285.5	1307.8	1337.7	1352.6	1375.5	1421.2
160°	1296.5	1285.0	1273.6	1285.0	1296.5	1299.3	1317.1	1340.8	1352.6	1372.2	1411.5
162.5°	1311.8	1303.2	1294.7	1303.2	1311.8	1314.0	1326.8	1344.0	1352.6	1369.1	1402.2
165°	1333.2	1325.5	1317.7	1325.5	1333.2	1335.2	1341.0	1348.7	1352.6	1364.5	1388.2
167.5°	1346.2	1342.5	1338.8	1342.5	1346.2	1347.1	1352.0	1358.6	1361.8	1369.6	1385.1
170°	1360.1	1356.3	1352.6	1356.3	1360.1	1360.9	1361.2	1361.7	1361.8	1369.6	1385.1
172.5°	1361.7	1360.8	1360.0	1360.8	1361.7	1361.8	1361.8	1361.8	1361.8	1368.0	1380.2
175°	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1367.3	1363.7	1361.8	1365.7	1373.5
177.5°	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1368.0	1365.1	1363.7	1366.7	1372.8
180°	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1



TEST NUMBER: P935476
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0	1259.0
2.5°	1214.9	1211.3	1216.1	1203.0	1216.1	1211.3	1214.9	1223.2	1216.1	1220.8	1225.6
5°	1066.0	1060.1	1041.0	1025.6	1041.0	1060.1	1066.0	1091.0	1102.9	1124.4	1153.0
7.5°	952.8	948.1	943.3	933.8	943.3	948.1	952.8	960.0	971.9	991.0	1012.4
10°	927.9	929.0	936.2	935.0	936.2	929.0	927.9	925.5	921.9	925.5	938.5
12.5°	992.2	1002.9	1042.2	1039.8	1042.2	1002.9	992.2	944.6	912.3	906.4	908.8
15°	1066.0	1069.6	1077.9	1079.1	1077.9	1069.6	1066.0	1047.0	950.5	908.8	895.7
17.5°	1073.1	1074.4	1080.3	1080.3	1080.3	1074.4	1073.1	1064.8	1032.7	976.7	902.8
20°	1067.2	1069.6	1081.5	1083.9	1081.5	1069.6	1067.2	1056.5	1038.6	1018.4	962.4
22.5°	1064.8	1069.6	1079.1	1077.9	1079.1	1069.6	1064.8	1048.1	1032.7	1018.4	995.7
25°	1052.9	1052.9	1054.1	1055.3	1054.1	1052.9	1052.9	1039.8	1008.9	1005.3	992.2
27.5°	1027.9	1030.3	1037.5	1036.2	1037.5	1030.3	1027.9	1023.2	989.8	986.2	976.7
30°	1005.3	1002.9	997.0	992.2	997.0	1002.9	1005.3	998.1	964.8	955.2	957.6
32.5°	967.1	961.2	955.2	951.7	955.2	961.2	967.1	964.8	939.8	926.6	929.0
35°	921.9	923.1	921.9	918.3	921.9	923.1	921.9	924.3	908.8	896.9	895.7
37.5°	889.8	892.1	890.9	886.1	890.9	892.1	889.8	887.4	865.9	862.3	864.7
40°	856.4	857.5	856.4	852.8	856.4	857.5	856.4	851.6	821.8	823.0	831.3
42.5°	824.2	823.0	819.4	817.0	819.4	823.0	824.2	817.0	779.0	775.4	790.9
45°	787.3	788.5	781.4	777.8	781.4	788.5	787.3	782.5	743.3	733.7	744.4
47.5°	750.4	750.4	744.4	740.9	744.4	750.4	750.4	744.4	702.8	693.2	699.1
50°	711.1	709.9	701.5	700.4	701.5	709.9	711.1	707.5	663.4	655.1	655.1
52.5°	665.8	665.8	667.0	669.4	667.0	665.8	665.8	667.0	627.7	619.4	617.0
55°	626.5	627.7	636.1	638.4	636.1	627.7	626.5	626.5	590.8	582.4	577.6
57.5°	586.0	586.0	591.9	591.9	591.9	586.0	586.0	583.6	549.1	541.9	539.5
60°	539.5	541.9	546.7	545.5	546.7	541.9	539.5	537.2	507.4	502.6	494.3
62.5°	490.7	493.1	494.3	492.0	494.3	493.1	490.7	483.6	465.8	462.1	451.5
65°	439.5	441.9	443.1	440.7	443.1	441.9	439.5	435.9	422.9	416.9	407.3
67.5°	387.1	385.9	384.7	389.5	384.7	385.9	387.1	382.4	374.0	369.2	356.2
70°	333.5	333.5	332.3	334.7	332.3	333.5	333.5	329.9	325.2	321.6	309.6
72.5°	276.3	275.1	279.9	276.3	279.9	275.1	276.3	275.1	272.8	269.2	257.3
75°	220.3	222.7	220.3	224.0	220.3	222.7	220.3	221.6	220.3	218.0	209.7
77.5°	167.9	170.3	167.9	167.9	167.9	170.3	167.9	169.2	169.2	169.2	162.0
80°	119.1	117.9	117.9	116.7	117.9	117.9	119.1	119.1	120.3	117.9	115.5
82.5°	76.2	75.0	75.0	77.4	75.0	75.0	76.2	77.4	75.0	75.0	75.0
85°	41.6	42.9	40.5	40.5	40.5	42.9	41.6	39.3	41.6	41.6	40.5
87.5°	15.5	14.3	14.3	14.3	14.3	14.3	15.5	16.7	16.7	16.7	17.8
90°	34.9	34.9	34.9	34.9	34.9	34.9	34.9	46.5	62.1	69.9	60.1
92.5°	174.7	167.7	139.9	112.2	139.9	167.7	174.7	247.7	344.9	393.6	345.5
95°	593.1	572.0	487.9	403.7	487.9	572.0	593.1	778.9	1026.5	1150.3	971.6
97.5°	1369.2	1329.2	1169.0	1008.8	1169.0	1329.2	1369.2	1486.6	1643.2	1721.4	1423.3
100°	1922.8	1875.1	1684.2	1493.3	1684.2	1875.1	1922.8	1914.2	1902.7	1897.0	1566.2
102.5°	2395.4	2354.5	2191.1	2027.6	2191.1	2354.5	2395.4	2245.8	2046.4	1946.7	1611.2
105°	2947.1	2925.2	2837.2	2749.4	2837.2	2925.2	2947.1	2611.8	2164.7	1941.2	1616.2
107.5°	3234.0	3239.3	3260.6	3281.8	3260.6	3239.3	3234.0	2766.3	2142.7	1830.8	1544.3
110°	3307.5	3330.4	3422.0	3513.5	3422.0	3330.4	3307.5	2784.7	2087.5	1738.9	1480.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3260.6	3295.8	3436.4	3577.0	3436.4	3295.8	3260.6	2725.4	2011.9	1655.1	1424.9
115°	3101.6	3150.4	3345.3	3540.2	3345.3	3150.4	3101.6	2586.0	1898.6	1555.0	1361.0
117.5°	2881.8	2935.9	3152.0	3368.3	3152.0	2935.9	2881.8	2416.5	1796.2	1486.0	1321.1
120°	2733.8	2786.3	2996.4	3206.4	2996.4	2786.3	2733.8	2308.6	1741.8	1458.4	1307.6
122.5°	2585.8	2637.5	2844.8	3052.0	2844.8	2637.5	2585.8	2203.0	1692.4	1437.2	1300.5
125°	2389.9	2437.6	2628.5	2819.3	2628.5	2437.6	2389.9	2064.7	1631.1	1414.2	1294.7
127.5°	2232.6	2272.8	2433.9	2594.9	2433.9	2272.8	2232.6	1953.4	1581.1	1395.0	1291.3
130°	2133.3	2170.5	2319.3	2468.0	2319.3	2170.5	2133.3	1884.8	1553.3	1387.6	1293.4
132.5°	2048.7	2082.0	2215.3	2348.5	2215.3	2082.0	2048.7	1826.2	1529.5	1381.1	1294.7
135°	1929.2	1957.9	2072.8	2187.6	2072.8	1957.9	1929.2	1742.8	1494.3	1370.1	1293.5
137.5°	1840.9	1864.4	1958.4	2052.4	1958.4	1864.4	1840.9	1683.4	1473.3	1368.2	1301.5
140°	1770.1	1792.1	1880.0	1967.8	1880.0	1792.1	1770.1	1634.0	1452.6	1361.8	1302.8
142.5°	1720.4	1739.3	1814.9	1890.6	1814.9	1739.3	1720.4	1600.9	1441.5	1361.8	1307.5
145°	1646.0	1660.3	1717.5	1774.7	1717.5	1660.3	1646.0	1548.2	1417.8	1352.6	1307.5
147.5°	1583.5	1595.3	1642.7	1690.1	1642.7	1595.3	1583.5	1506.5	1403.9	1352.6	1316.5
150°	1547.6	1557.2	1595.6	1634.0	1595.6	1557.2	1547.6	1482.6	1395.9	1352.6	1321.2
152.5°	1519.1	1526.4	1555.3	1584.4	1555.3	1526.4	1519.1	1463.6	1389.6	1352.6	1324.2
155°	1485.1	1489.9	1509.1	1528.2	1509.1	1489.9	1485.1	1441.0	1382.1	1352.6	1330.9
157.5°	1455.6	1459.0	1472.5	1486.0	1472.5	1459.0	1455.6	1421.2	1375.5	1352.6	1337.7
160°	1440.9	1442.8	1450.5	1458.4	1450.5	1442.8	1440.9	1411.5	1372.2	1352.6	1340.8
162.5°	1427.1	1429.0	1436.3	1443.7	1436.3	1429.0	1427.1	1402.2	1369.1	1352.6	1344.0
165°	1406.0	1407.9	1415.6	1423.5	1415.6	1407.9	1406.0	1388.2	1364.5	1352.6	1348.7
167.5°	1396.7	1397.5	1400.8	1404.1	1400.8	1397.5	1396.7	1385.1	1369.6	1361.8	1358.6
170°	1396.7	1396.7	1396.7	1396.7	1396.7	1396.7	1396.7	1385.1	1369.6	1361.8	1361.7
172.5°	1389.5	1388.7	1385.8	1383.0	1385.8	1388.7	1389.5	1380.2	1368.0	1361.8	1361.8
175°	1379.3	1379.3	1379.3	1379.3	1379.3	1379.3	1379.3	1373.5	1365.7	1361.8	1363.7
177.5°	1377.5	1376.7	1373.4	1370.1	1373.4	1376.7	1377.5	1372.8	1366.7	1363.7	1365.1
180°	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1259.0	1259.0	1259.0	1259.0	1259.0
2.5°	1243.5	1249.4	1253.1	1257.8	1269.7
5°	1195.9	1218.5	1225.6	1243.5	1265.0
7.5°	1091.0	1160.1	1179.2	1222.1	1255.4
10°	989.8	1058.9	1092.2	1193.5	1243.5
12.5°	938.5	979.1	1001.7	1143.5	1226.8
15°	906.4	935.0	951.7	1076.7	1207.8
17.5°	881.4	901.7	913.6	1011.3	1181.6
20°	865.9	875.5	886.1	963.6	1151.7
22.5°	855.2	849.3	857.5	930.3	1111.2
25°	848.0	825.4	835.0	904.1	1063.6
27.5°	854.0	804.0	807.5	880.2	1013.7
30°	855.2	777.8	779.0	855.2	957.6
32.5°	846.9	750.4	751.6	824.2	894.5
35°	826.6	718.2	717.1	788.5	808.7
37.5°	799.2	683.7	683.7	749.2	714.7
40°	765.9	649.1	652.7	698.0	631.3
42.5°	725.4	612.2	617.0	630.1	569.3
45°	681.3	576.5	580.0	532.4	521.7
47.5°	632.4	539.5	540.8	441.9	506.2
50°	574.1	501.5	496.7	378.7	505.0
52.5°	522.9	459.7	445.4	343.0	458.6
55°	472.9	415.7	384.7	315.6	425.2
57.5°	428.8	358.5	328.7	283.4	418.1
60°	388.3	302.5	279.9	248.9	383.5
62.5°	354.9	260.8	256.1	225.1	347.8
65°	319.2	232.3	231.1	204.9	295.3
67.5°	284.7	213.2	212.1	185.8	225.1
70°	247.8	193.0	190.6	165.5	166.8
72.5°	209.7	170.3	167.9	148.9	138.2
75°	171.5	144.1	143.0	129.8	112.0
77.5°	134.6	114.4	116.7	104.8	82.2
80°	96.4	83.4	85.8	75.0	61.9
82.5°	64.3	54.8	57.2	47.7	41.6
85°	35.7	31.0	32.1	25.0	19.1
87.5°	16.7	14.3	14.3	9.5	5.9
90°	40.5	25.8	23.9	16.6	9.2
92.5°	249.5	177.5	161.9	99.3	36.8
95°	614.0	345.8	317.2	202.7	88.3
97.5°	827.0	379.8	354.6	253.6	152.6
100°	904.5	408.3	385.4	293.8	202.3
102.5°	940.1	436.8	415.4	330.0	244.6
105°	966.4	479.1	461.0	388.7	316.3
107.5°	971.3	541.6	524.7	457.3	389.9
110°	964.0	576.6	561.4	500.5	439.6



TEST NUMBER: P935476

CATALOG NUMBER: SQ4-FA-125U-050D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	964.3	618.8	604.4	546.3	488.3
115°	973.2	682.3	668.8	615.4	561.8
117.5°	991.3	743.9	731.7	683.1	634.5
120°	1005.9	779.8	768.3	722.6	676.7
122.5°	1027.1	822.0	810.5	764.3	718.1
125°	1055.6	876.3	865.8	823.7	781.6
127.5°	1084.2	928.8	918.1	875.7	833.1
130°	1104.9	963.7	952.2	906.5	860.6
132.5°	1121.8	992.2	980.7	935.0	889.2
135°	1140.2	1025.3	1014.9	973.2	931.5
137.5°	1167.8	1067.6	1057.3	1016.0	974.7
140°	1184.7	1096.1	1086.6	1048.6	1010.5
142.5°	1198.7	1117.2	1108.4	1073.3	1038.2
145°	1217.2	1149.4	1141.8	1111.1	1080.4
147.5°	1244.2	1189.9	1182.5	1152.6	1122.8
150°	1258.2	1211.1	1204.3	1177.3	1150.3
152.5°	1267.4	1224.8	1219.7	1199.2	1178.8
155°	1287.7	1255.2	1251.4	1236.3	1221.2
157.5°	1307.8	1285.5	1281.8	1267.1	1252.4
160°	1317.1	1299.3	1296.5	1285.0	1273.6
162.5°	1326.8	1314.0	1311.8	1303.2	1294.7
165°	1341.0	1335.2	1333.2	1325.5	1317.7
167.5°	1352.0	1347.1	1346.2	1342.5	1338.8
170°	1361.2	1360.9	1360.1	1356.3	1352.6
172.5°	1361.8	1361.8	1361.7	1360.8	1360.0
175°	1367.3	1370.1	1370.1	1370.1	1370.1
177.5°	1368.0	1370.1	1370.1	1370.1	1370.1
180°	1370.1	1370.1	1370.1	1370.1	1370.1



TEST NUMBER: P935476

CATALOG NUMBER: SQ4-FA-125U-050D-940-1D-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	8.28	8.97	9.42	10.09	11.66	11.12	11.81	12.25	12.93	14.50
	3H	8.75	9.36	9.89	10.49	12.08	12.46	13.07	13.60	14.20	15.78
	4H	8.93	9.51	10.08	10.65	12.23	12.89	13.48	14.04	14.61	16.20
	6H	9.04	9.58	10.20	10.71	12.31	13.17	13.71	14.33	14.84	16.44
	8H	9.03	9.55	10.20	10.70	12.29	13.24	13.75	14.40	14.90	16.49
	12H	9.00	9.48	10.16	10.63	12.24	13.27	13.76	14.44	14.90	16.52
4H	2H	9.30	9.88	10.45	11.01	12.60	11.51	12.09	12.67	13.22	14.81
	3H	10.31	10.79	11.47	11.95	13.55	13.00	13.49	14.16	14.64	16.24
	4H	10.58	11.02	11.74	12.17	13.79	13.52	13.97	14.69	15.12	16.74
	6H	10.69	11.07	11.86	12.24	13.85	13.88	14.26	15.05	15.43	17.04
	8H	10.69	11.05	11.86	12.21	13.84	13.98	14.34	15.15	15.50	17.13
	12H	10.65	10.97	11.84	12.15	13.78	14.03	14.36	15.22	15.53	17.16
8H	4H	11.02	11.37	12.19	12.53	14.16	13.63	13.99	14.80	15.15	16.78
	6H	11.27	11.56	12.46	12.77	14.39	14.06	14.36	15.25	15.56	17.18
	8H	11.31	11.57	12.51	12.75	14.39	14.21	14.47	15.41	15.65	17.30
	12H	11.29	11.51	12.49	12.69	14.37	14.31	14.53	15.51	15.71	17.39
12H	4H	11.01	11.34	12.20	12.51	14.14	13.59	13.91	14.77	15.08	16.72
	6H	11.33	11.59	12.52	12.77	14.41	14.06	14.32	15.25	15.50	17.14
	8H	11.39	11.61	12.59	12.79	14.47	14.21	14.44	15.41	15.62	17.29