

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: P935524

Luminaire Tested: SQ4-FA-125U-075D-927-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935524
REPORT IS A COMBINATION OF REPORTS P933760 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-927-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

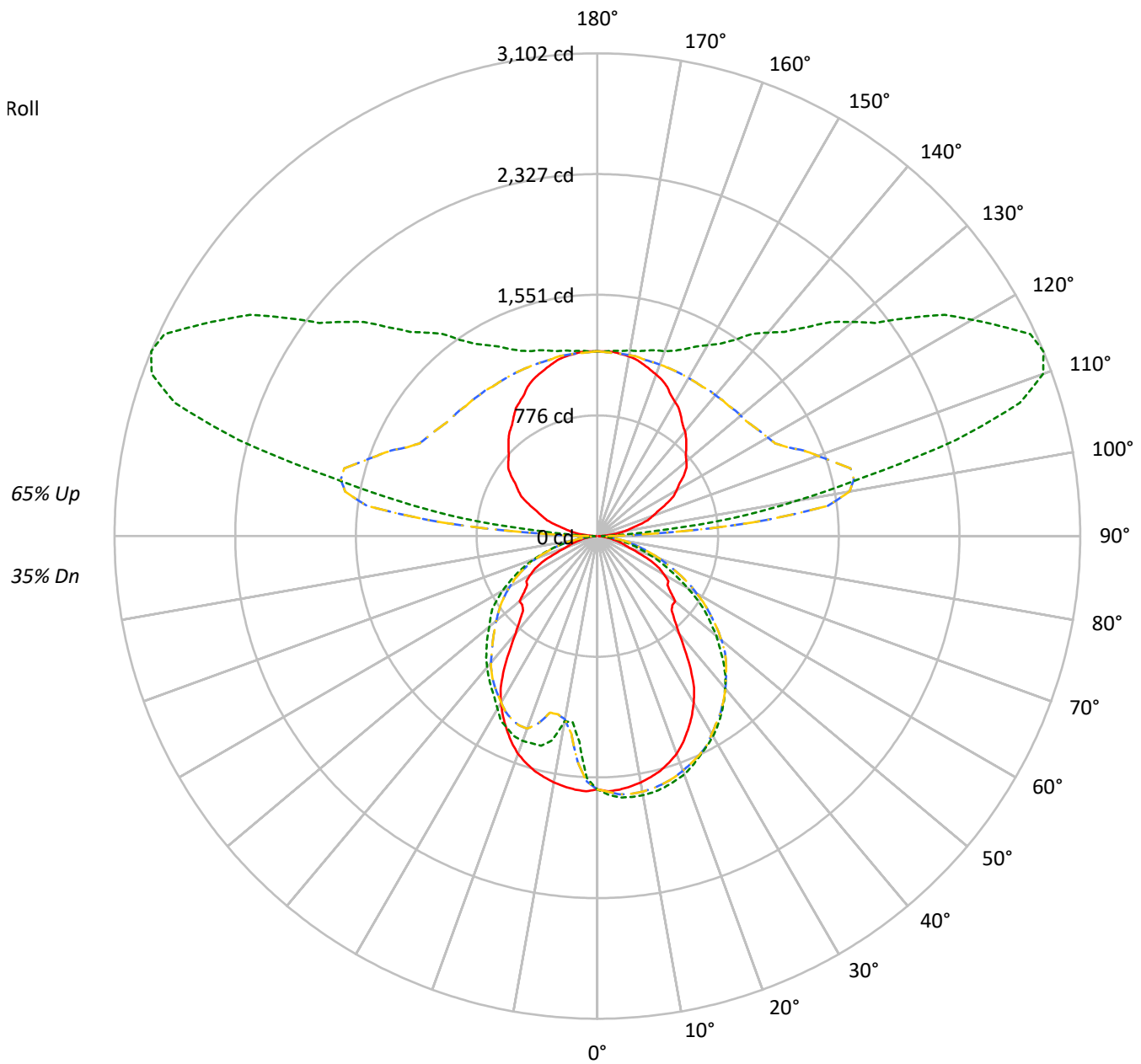
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11926.6 lumens
Efficiency: N/A
Efficacy: 107.3 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): 111.2
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	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35				35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30				30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25				25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21				21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18				18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16				16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14				14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12				12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11				11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10				10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9				9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7552	7552	7552	7552
5°	7608	7623	7608	5994
10°	7558	7509	7558	5368
15°	7475	7347	7475	6135
20°	7319	7154	7319	6147
25°	6999	6873	6999	6017
30°	6585	6639	6585	5731
35°	5871	6344	5871	5417
40°	4892	5997	4892	5179
45°	4371	5590	4371	4906
50°	4644	5104	4644	4632
55°	4369	4582	4369	4474
60°	4504	3892	4504	4097
65°	4083	3217	4083	3596
70°	2828	2564	2828	3014
75°	2480	1895	2480	2269
80°	1998	1253	1998	1364
85°	1146	664	1146	565

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 6699 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.9	1.2
10°-20°	417.2	3.5
20°-30°	644.9	5.4
30°-40°	769.8	6.5
40°-50°	774.3	6.5
50°-60°	673.8	5.6
60°-70°	477.7	4.0
70°-80°	252.7	2.1
80°-90°	67.5	0.6
90°-100°	579.1	4.9
100°-110°	1522.5	12.8
110°-120°	1578.7	13.2
120°-130°	1266.3	10.6
130°-140°	993.6	8.3
140°-150°	762.6	6.4
150°-160°	549.2	4.6
160°-170°	336.0	2.8
170°-180°	113.5	1.0
0°-30°	1209.0	10.1
0°-40°	1978.8	16.6
0°-60°	3426.9	28.7
0°-90°	4224.9	35.4
90°-120°	3680.3	30.9
90°-150°	6702.9	56.2
90°-180°	7702.0	64.6
0°-180°	11926.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1628	1628	1628	1628	1628	
5°	1635	1686	1635	1326	1635	155
15°	1562	1671	1562	1395	1562	439
25°	1375	1558	1375	1364	1375	631
35°	1046	1390	1046	1187	1046	647
45°	674	1146	674	1006	674	540
55°	550	846	550	825	550	505
65°	382	510	382	570	382	365
75°	145	242	145	290	145	152
85°	25	62	25	52	25	33
90°	8	30	8	30	8	8
95°	76	350	76	350	76	85
105°	274	2384	274	2384	274	291
115°	487	3070	487	3070	487	481
125°	678	2445	678	2445	678	602
135°	808	1897	808	1897	808	625
145°	937	1539	937	1539	937	587
155°	1059	1325	1059	1325	1059	487
165°	1143	1234	1143	1234	1143	322
175°	1188	1196	1188	1196	1188	113
180°	1188	1188	1188	1188	1188	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7
2.5°	1641.6	1641.6	1650.8	1653.9	1653.9	1649.3	1644.6	1649.3	1663.1	1667.7	1666.2
5°	1635.4	1647.7	1664.7	1667.7	1670.8	1669.3	1666.2	1669.3	1684.7	1687.8	1689.3
7.5°	1623.1	1646.2	1667.7	1672.4	1677.0	1672.4	1670.8	1673.9	1689.3	1692.4	1692.4
10°	1607.7	1640.0	1664.7	1667.7	1672.4	1667.7	1667.7	1673.9	1689.3	1692.4	1693.9
12.5°	1586.1	1630.8	1653.9	1657.0	1663.1	1661.6	1660.0	1666.2	1681.6	1684.7	1684.7
15°	1561.5	1613.8	1635.4	1638.5	1649.3	1646.2	1646.2	1652.3	1669.3	1673.9	1672.4
17.5°	1527.6	1592.3	1616.9	1621.5	1629.2	1627.7	1629.2	1635.4	1650.8	1653.9	1655.4
20°	1489.1	1563.0	1592.3	1596.9	1604.6	1604.6	1604.6	1612.3	1627.7	1633.9	1633.9
22.5°	1436.7	1532.2	1563.0	1566.1	1575.3	1575.3	1578.4	1589.2	1603.1	1604.6	1604.6
25°	1375.1	1498.3	1524.5	1533.8	1543.0	1547.6	1552.2	1558.4	1563.0	1561.5	1563.0
27.5°	1310.5	1455.2	1489.1	1495.3	1507.6	1512.2	1518.4	1519.9	1521.4	1526.1	1523.0
30°	1238.1	1395.2	1446.0	1452.1	1472.2	1475.2	1469.1	1472.2	1479.9	1482.9	1486.0
32.5°	1156.5	1305.8	1401.3	1415.2	1433.7	1424.4	1422.9	1427.5	1439.8	1439.8	1442.9
35°	1045.6	1236.5	1359.7	1372.1	1385.9	1375.1	1381.3	1382.8	1390.5	1395.2	1393.6
37.5°	923.9	1176.5	1316.6	1325.9	1336.6	1322.8	1332.0	1336.6	1342.8	1339.7	1339.7
40°	816.2	1082.5	1265.8	1272.0	1281.2	1270.4	1279.7	1282.7	1285.8	1282.7	1281.2
42.5°	736.1	979.4	1211.9	1219.6	1213.4	1221.1	1224.2	1230.4	1225.8	1219.6	1219.6
45°	674.5	951.6	1153.4	1162.6	1153.4	1165.7	1170.3	1170.3	1156.5	1153.4	1151.8
47.5°	654.5	896.3	1094.9	1094.9	1090.2	1105.6	1113.3	1102.6	1088.7	1084.1	1084.1
50°	653.0	834.7	1014.8	1008.6	1030.2	1048.7	1041.0	1030.2	1019.4	1002.5	1002.5
52.5°	592.9	759.2	911.7	934.7	968.6	979.4	967.0	956.3	937.8	930.1	923.9
55°	549.8	680.7	817.7	863.9	899.4	913.2	890.1	879.3	851.6	847.0	843.9
57.5°	540.5	566.7	731.5	790.0	833.1	831.6	817.7	797.7	774.6	770.0	768.5
60°	495.9	409.6	639.1	708.4	753.1	748.4	736.1	717.6	696.1	693.0	689.9
62.5°	449.7	297.2	534.4	612.9	676.1	674.5	663.7	636.0	620.6	612.9	606.8
65°	381.9	249.5	380.4	509.7	600.6	603.7	580.6	560.6	543.6	534.4	532.8
67.5°	291.1	203.3	257.2	425.0	528.2	525.1	495.9	486.6	465.1	460.5	451.2
70°	215.6	135.5	178.6	345.0	457.4	449.7	426.6	415.8	395.8	385.0	378.8
72.5°	178.6	109.3	130.9	268.0	385.0	375.8	355.7	343.4	326.5	317.2	311.1
75°	144.8	115.5	100.1	198.7	312.6	306.5	288.0	275.7	261.8	249.5	251.0
77.5°	106.3	107.8	80.1	146.3	247.9	238.7	227.9	212.5	206.4	194.0	194.0
80°	80.1	84.7	60.1	100.1	178.6	178.6	169.4	158.6	147.8	141.7	141.7
82.5°	53.9	53.9	44.7	63.1	121.7	117.0	110.9	107.8	101.6	98.6	98.6
85°	24.6	30.8	27.7	38.5	66.2	69.3	69.3	66.2	64.7	61.6	63.1
87.5°	7.7	13.9	16.9	21.6	33.9	35.4	37.0	37.0	37.0	38.5	38.5
90°	8.0	14.4	20.7	22.3	35.1	52.1	60.6	53.8	40.3	30.3	30.3
92.5°	31.9	86.1	140.4	153.9	216.4	299.6	341.3	299.1	214.8	151.5	145.5
95°	76.5	175.8	275.0	299.8	532.4	842.5	997.5	890.1	675.4	514.3	496.0
97.5°	132.4	219.9	307.5	329.3	717.1	1234.2	1492.6	1424.8	1289.1	1187.3	1152.5
100°	175.4	254.8	334.2	354.0	784.3	1358.0	1645.0	1649.9	1659.8	1667.3	1625.9
102.5°	212.1	286.1	360.2	378.8	815.2	1397.1	1688.0	1774.5	1947.4	2077.1	2041.7
105°	274.3	337.0	399.7	415.4	838.0	1401.5	1683.2	1877.0	2264.7	2555.5	2536.5
107.5°	338.1	396.6	455.0	469.6	842.2	1339.1	1587.5	1857.9	2398.7	2804.3	2808.9
110°	381.2	434.0	486.8	500.0	835.9	1283.8	1507.8	1810.1	2414.6	2868.0	2887.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	423.4	473.7	524.1	536.6	836.1	1235.5	1435.2	1744.6	2363.3	2827.4	2857.9
115°	487.2	533.6	580.0	591.6	843.8	1180.2	1348.3	1646.3	2242.4	2689.5	2731.7
117.5°	550.2	592.4	634.5	645.0	859.6	1145.5	1288.5	1557.5	2095.4	2498.9	2545.8
120°	586.8	626.5	666.2	676.1	872.3	1133.8	1264.6	1510.4	2001.8	2370.5	2416.0
122.5°	622.7	662.7	702.8	712.8	890.6	1127.7	1246.2	1467.5	1910.2	2242.2	2287.1
125°	677.8	714.3	750.8	759.8	915.3	1122.7	1226.3	1414.3	1790.3	2072.3	2113.6
127.5°	722.4	759.3	796.1	805.3	940.1	1119.7	1209.6	1371.0	1693.8	1935.9	1970.8
130°	746.3	786.0	825.7	835.6	958.1	1121.5	1203.2	1346.9	1634.3	1849.8	1882.1
132.5°	771.0	810.7	850.4	860.3	972.7	1122.7	1197.6	1326.2	1583.5	1776.5	1805.3
135°	807.7	843.8	880.0	889.0	988.7	1121.6	1188.0	1295.8	1511.2	1672.8	1697.7
137.5°	845.2	881.0	916.8	925.7	1012.6	1128.5	1186.4	1277.5	1459.7	1596.3	1616.7
140°	876.3	909.2	942.2	950.4	1027.3	1129.7	1180.9	1259.6	1416.9	1534.9	1553.9
142.5°	900.2	930.7	961.1	968.7	1039.4	1133.7	1180.9	1249.9	1388.2	1491.8	1508.2
145°	936.9	963.4	990.1	996.7	1055.4	1133.7	1172.9	1229.4	1342.5	1427.3	1439.7
147.5°	973.6	999.5	1025.3	1031.8	1078.8	1141.5	1172.9	1217.4	1306.3	1373.1	1383.3
150°	997.5	1020.9	1044.3	1050.1	1091.0	1145.6	1172.9	1210.4	1285.6	1342.0	1350.3
152.5°	1022.2	1039.9	1057.6	1062.1	1099.0	1148.2	1172.9	1205.0	1269.1	1317.2	1323.6
155°	1058.9	1072.0	1085.1	1088.4	1116.6	1154.1	1172.9	1198.4	1249.5	1287.7	1291.9
157.5°	1086.0	1098.7	1111.5	1114.7	1134.1	1159.9	1172.9	1192.7	1232.4	1262.2	1265.1
160°	1104.3	1114.3	1124.2	1126.7	1142.1	1162.6	1172.9	1189.9	1223.9	1249.4	1251.1
162.5°	1122.7	1130.1	1137.5	1139.4	1150.5	1165.4	1172.9	1187.2	1215.9	1237.5	1239.1
165°	1142.6	1149.4	1156.1	1157.8	1162.8	1169.5	1172.9	1183.2	1203.7	1219.1	1220.8
167.5°	1160.9	1164.1	1167.3	1168.1	1172.3	1178.0	1180.9	1187.6	1201.0	1211.1	1211.8
170°	1172.9	1176.1	1179.3	1180.1	1180.3	1180.7	1180.9	1187.6	1201.0	1211.1	1211.1
172.5°	1179.3	1179.9	1180.7	1180.9	1180.9	1180.9	1180.9	1186.2	1196.8	1204.8	1204.2
175°	1188.0	1188.0	1188.0	1188.0	1185.6	1182.5	1180.9	1184.3	1191.0	1196.0	1196.0
177.5°	1188.0	1188.0	1188.0	1188.0	1186.2	1183.7	1182.5	1185.1	1190.4	1194.4	1193.7
180°	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7
2.5°	1669.3	1664.7	1669.3	1666.2	1667.7	1663.1	1649.3	1644.6	1649.3	1653.9	1653.9
5°	1689.3	1686.2	1689.3	1689.3	1687.8	1684.7	1669.3	1666.2	1669.3	1670.8	1667.7
7.5°	1695.5	1690.8	1695.5	1692.4	1692.4	1689.3	1673.9	1670.8	1672.4	1677.0	1672.4
10°	1695.5	1690.8	1695.5	1693.9	1692.4	1689.3	1673.9	1667.7	1667.7	1672.4	1667.7
12.5°	1687.8	1684.7	1687.8	1684.7	1684.7	1681.6	1666.2	1660.0	1661.6	1663.1	1657.0
15°	1675.4	1670.8	1675.4	1672.4	1673.9	1669.3	1652.3	1646.2	1646.2	1649.3	1638.5
17.5°	1657.0	1650.8	1657.0	1655.4	1653.9	1650.8	1635.4	1629.2	1627.7	1629.2	1621.5
20°	1635.4	1630.8	1635.4	1633.9	1633.9	1627.7	1612.3	1604.6	1604.6	1604.6	1596.9
22.5°	1601.5	1596.9	1601.5	1604.6	1604.6	1603.1	1589.2	1578.4	1575.3	1575.3	1566.1
25°	1563.0	1558.4	1563.0	1563.0	1561.5	1563.0	1558.4	1552.2	1547.6	1543.0	1533.8
27.5°	1526.1	1523.0	1526.1	1523.0	1526.1	1521.4	1519.9	1518.4	1512.2	1507.6	1495.3
30°	1489.1	1486.0	1489.1	1486.0	1482.9	1479.9	1472.2	1469.1	1475.2	1472.2	1452.1
32.5°	1442.9	1439.8	1442.9	1442.9	1439.8	1439.8	1427.5	1422.9	1424.4	1433.7	1415.2
35°	1395.2	1390.5	1395.2	1393.6	1395.2	1390.5	1382.8	1381.3	1375.1	1385.9	1372.1
37.5°	1339.7	1335.1	1339.7	1339.7	1339.7	1342.8	1336.6	1332.0	1322.8	1336.6	1325.9
40°	1282.7	1276.6	1282.7	1281.2	1282.7	1285.8	1282.7	1279.7	1270.4	1281.2	1272.0
42.5°	1218.1	1216.5	1218.1	1219.6	1219.6	1225.8	1230.4	1224.2	1221.1	1213.4	1219.6
45°	1148.8	1145.7	1148.8	1151.8	1153.4	1156.5	1170.3	1170.3	1165.7	1153.4	1162.6
47.5°	1074.8	1067.1	1074.8	1084.1	1084.1	1088.7	1102.6	1113.3	1105.6	1090.2	1094.9
50°	996.3	997.8	996.3	1002.5	1002.5	1019.4	1030.2	1041.0	1048.7	1030.2	1008.6
52.5°	919.3	917.8	919.3	923.9	930.1	937.8	956.3	967.0	979.4	968.6	934.7
55°	842.4	845.5	842.4	843.9	847.0	851.6	879.3	890.1	913.2	899.4	863.9
57.5°	765.4	760.8	765.4	768.5	770.0	774.6	797.7	817.7	831.6	833.1	790.0
60°	676.1	669.9	676.1	689.9	693.0	696.1	717.6	736.1	748.4	753.1	708.4
62.5°	597.5	586.7	597.5	606.8	612.9	620.6	636.0	663.7	674.5	676.1	612.9
65°	514.4	509.7	514.4	532.8	534.4	543.6	560.6	580.6	603.7	600.6	509.7
67.5°	438.9	438.9	438.9	451.2	460.5	465.1	486.6	495.9	525.1	528.2	425.0
70°	369.6	368.1	369.6	378.8	385.0	395.8	415.8	426.6	449.7	457.4	345.0
72.5°	303.4	301.8	303.4	311.1	317.2	326.5	343.4	355.7	375.8	385.0	268.0
75°	244.9	241.8	244.9	251.0	249.5	261.8	275.7	288.0	306.5	312.6	198.7
77.5°	187.9	187.9	187.9	194.0	194.0	206.4	212.5	227.9	238.7	247.9	146.3
80°	140.1	138.6	140.1	141.7	141.7	147.8	158.6	169.4	178.6	178.6	100.1
82.5°	98.6	95.5	98.6	98.6	98.6	101.6	107.8	110.9	117.0	121.7	63.1
85°	61.6	61.6	61.6	63.1	61.6	64.7	66.2	69.3	69.3	66.2	38.5
87.5°	40.0	38.5	40.0	38.5	38.5	37.0	37.0	37.0	35.4	33.9	21.6
90°	30.3	30.3	30.3	30.3	30.3	40.3	53.8	60.6	52.1	35.1	22.3
92.5°	121.4	97.3	121.4	145.5	151.5	214.8	299.1	341.3	299.6	216.4	153.9
95°	423.0	350.0	423.0	496.0	514.3	675.4	890.1	997.5	842.5	532.4	299.8
97.5°	1013.6	874.7	1013.6	1152.5	1187.3	1289.1	1424.8	1492.6	1234.2	717.1	329.3
100°	1460.4	1294.9	1460.4	1625.9	1667.3	1659.8	1649.9	1645.0	1358.0	784.3	354.0
102.5°	1899.9	1758.1	1899.9	2041.7	2077.1	1947.4	1774.5	1688.0	1397.1	815.2	378.8
105°	2460.2	2384.1	2460.2	2536.5	2555.5	2264.7	1877.0	1683.2	1401.5	838.0	415.4
107.5°	2827.3	2845.7	2827.3	2808.9	2804.3	2398.7	1857.9	1587.5	1339.1	842.2	469.6
110°	2967.3	3046.7	2967.3	2887.9	2868.0	2414.6	1810.1	1507.8	1283.8	835.9	500.0



TEST NUMBER: P935524

CATALOG NUMBER: SQ4-FA-125U-075D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2979.7	3101.6	2979.7	2857.9	2827.4	2363.3	1744.6	1435.2	1235.5	836.1	536.6
115°	2900.7	3069.8	2900.7	2731.7	2689.5	2242.4	1646.3	1348.3	1180.2	843.8	591.6
117.5°	2733.2	2920.7	2733.2	2545.8	2498.9	2095.4	1557.5	1288.5	1145.5	859.6	645.0
120°	2598.2	2780.3	2598.2	2416.0	2370.5	2001.8	1510.4	1264.6	1133.8	872.3	676.1
122.5°	2466.8	2646.4	2466.8	2287.1	2242.2	1910.2	1467.5	1246.2	1127.7	890.6	712.8
125°	2279.2	2444.7	2279.2	2113.6	2072.3	1790.3	1414.3	1226.3	1122.7	915.3	759.8
127.5°	2110.5	2250.1	2110.5	1970.8	1935.9	1693.8	1371.0	1209.6	1119.7	940.1	805.3
130°	2011.1	2140.1	2011.1	1882.1	1849.8	1634.3	1346.9	1203.2	1121.5	958.1	835.6
132.5°	1920.9	2036.4	1920.9	1805.3	1776.5	1583.5	1326.2	1197.6	1122.7	972.7	860.3
135°	1797.3	1896.9	1797.3	1697.7	1672.8	1511.2	1295.8	1188.0	1121.6	988.7	889.0
137.5°	1698.2	1779.7	1698.2	1616.7	1596.3	1459.7	1277.5	1186.4	1128.5	1012.6	925.7
140°	1630.2	1706.3	1630.2	1553.9	1534.9	1416.9	1259.6	1180.9	1129.7	1027.3	950.4
142.5°	1573.7	1639.3	1573.7	1508.2	1491.8	1388.2	1249.9	1180.9	1133.7	1039.4	968.7
145°	1489.3	1538.8	1489.3	1439.7	1427.3	1342.5	1229.4	1172.9	1133.7	1055.4	996.7
147.5°	1424.4	1465.5	1424.4	1383.3	1373.1	1306.3	1217.4	1172.9	1141.5	1078.8	1031.8
150°	1383.6	1416.9	1383.6	1350.3	1342.0	1285.6	1210.4	1172.9	1145.6	1091.0	1050.1
152.5°	1348.7	1373.8	1348.7	1323.6	1317.2	1269.1	1205.0	1172.9	1148.2	1099.0	1062.1
155°	1308.5	1325.2	1308.5	1291.9	1287.7	1249.5	1198.4	1172.9	1154.1	1116.6	1088.4
157.5°	1276.8	1288.5	1276.8	1265.1	1262.2	1232.4	1192.7	1172.9	1159.9	1134.1	1114.7
160°	1257.8	1264.6	1257.8	1251.1	1249.4	1223.9	1189.9	1172.9	1162.6	1142.1	1126.7
162.5°	1245.5	1251.9	1245.5	1239.1	1237.5	1215.9	1187.2	1172.9	1165.4	1150.5	1139.4
165°	1227.5	1234.3	1227.5	1220.8	1219.1	1203.7	1183.2	1172.9	1169.5	1162.8	1157.8
167.5°	1214.7	1217.5	1214.7	1211.8	1211.1	1201.0	1187.6	1180.9	1178.0	1172.3	1168.1
170°	1211.1	1211.1	1211.1	1211.1	1211.1	1201.0	1187.6	1180.9	1180.7	1180.3	1180.1
172.5°	1201.7	1199.2	1201.7	1204.2	1204.8	1196.8	1186.2	1180.9	1180.9	1180.9	1180.9
175°	1196.0	1196.0	1196.0	1196.0	1196.0	1191.0	1184.3	1180.9	1182.5	1185.6	1188.0
177.5°	1190.9	1188.0	1190.9	1193.7	1194.4	1190.4	1185.1	1182.5	1183.7	1186.2	1188.0
180°	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0



TEST NUMBER: P935524

CATALOG NUMBER: SQ4-FA-125U-075D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7
2.5°	1650.8	1641.6	1641.6	1626.2	1620.0	1615.4	1607.7	1584.6	1578.4	1572.3	1581.5
5°	1664.7	1647.7	1635.4	1607.7	1584.6	1575.3	1546.1	1490.6	1453.7	1426.0	1410.6
7.5°	1667.7	1646.2	1623.1	1580.0	1524.5	1499.9	1410.6	1308.9	1281.2	1256.6	1241.2
10°	1664.7	1640.0	1607.7	1543.0	1412.1	1369.0	1279.7	1213.4	1196.5	1191.9	1196.5
12.5°	1653.9	1630.8	1586.1	1478.3	1295.1	1265.8	1213.4	1174.9	1171.9	1179.6	1221.1
15°	1635.4	1613.8	1561.5	1392.1	1230.4	1208.8	1171.9	1158.0	1174.9	1228.8	1353.6
17.5°	1616.9	1592.3	1527.6	1307.4	1181.1	1165.7	1139.5	1167.2	1262.7	1335.1	1376.7
20°	1592.3	1563.0	1489.1	1245.8	1145.7	1131.8	1119.5	1244.2	1316.6	1342.8	1365.9
22.5°	1563.0	1532.2	1436.7	1202.7	1108.7	1097.9	1105.6	1287.4	1316.6	1335.1	1355.1
25°	1524.5	1498.3	1375.1	1168.8	1079.5	1067.1	1096.4	1282.7	1299.7	1304.3	1344.3
27.5°	1489.1	1455.2	1310.5	1138.0	1044.0	1039.4	1104.1	1262.7	1275.0	1279.7	1322.8
30°	1446.0	1395.2	1238.1	1105.6	1007.1	1005.5	1105.6	1238.1	1235.0	1247.3	1290.4
32.5°	1401.3	1305.8	1156.5	1065.6	971.7	970.1	1094.9	1201.1	1198.0	1215.0	1247.3
35°	1359.7	1236.5	1045.6	1019.4	927.0	928.5	1068.7	1158.0	1159.5	1174.9	1195.0
37.5°	1316.6	1176.5	923.9	968.6	884.0	884.0	1033.3	1118.0	1114.9	1119.5	1147.2
40°	1265.8	1082.5	816.2	902.4	843.9	839.3	990.1	1074.8	1064.1	1062.5	1101.0
42.5°	1211.9	979.4	736.1	814.7	797.7	791.6	937.8	1022.5	1002.5	1007.1	1056.4
45°	1153.4	951.6	674.5	688.4	750.0	745.4	880.9	962.4	948.6	960.9	1011.7
47.5°	1094.9	896.3	654.5	571.3	699.2	697.6	817.7	904.0	896.3	908.6	962.4
50°	1014.8	834.7	653.0	489.7	642.2	648.3	742.3	847.0	847.0	857.8	914.8
52.5°	911.7	759.2	592.9	443.5	576.0	594.4	676.1	797.7	800.8	811.6	862.4
55°	817.7	680.7	549.8	408.1	497.4	537.5	611.4	746.9	753.1	763.8	810.0
57.5°	731.5	566.7	540.5	366.5	425.0	463.5	554.4	697.6	700.7	709.9	754.6
60°	639.1	409.6	495.9	321.9	361.9	391.2	502.0	639.1	649.9	656.0	694.5
62.5°	534.4	297.2	449.7	291.1	331.1	337.3	458.9	583.7	597.5	602.1	625.2
65°	380.4	249.5	381.9	264.9	298.8	300.3	412.7	526.7	539.0	546.7	563.6
67.5°	257.2	203.3	291.1	240.2	274.1	275.7	368.1	460.5	477.4	483.6	494.3
70°	178.6	135.5	215.6	214.1	246.4	249.5	320.3	400.4	415.8	420.4	426.6
72.5°	130.9	109.3	178.6	192.5	217.1	220.2	271.0	332.6	348.0	352.7	355.7
75°	100.1	115.5	144.8	167.9	184.8	186.3	221.8	271.0	281.8	284.9	286.4
77.5°	80.1	107.8	106.3	135.5	150.9	147.8	174.0	209.4	218.7	218.7	218.7
80°	60.1	84.7	80.1	97.0	110.9	107.8	124.7	149.4	152.5	155.5	154.0
82.5°	44.7	53.9	53.9	61.6	73.9	70.8	83.2	97.0	97.0	97.0	100.1
85°	27.7	30.8	24.6	32.3	41.6	40.0	46.2	52.4	53.9	53.9	50.8
87.5°	16.9	13.9	7.7	12.3	18.5	18.5	21.6	23.1	21.6	21.6	21.6
90°	20.7	14.4	8.0	14.4	20.7	22.3	35.1	52.1	60.6	53.8	40.3
92.5°	140.4	86.1	31.9	86.1	140.4	153.9	216.4	299.6	341.3	299.1	214.8
95°	275.0	175.8	76.5	175.8	275.0	299.8	532.4	842.5	997.5	890.1	675.4
97.5°	307.5	219.9	132.4	219.9	307.5	329.3	717.1	1234.2	1492.6	1424.8	1289.1
100°	334.2	254.8	175.4	254.8	334.2	354.0	784.3	1358.0	1645.0	1649.9	1659.8
102.5°	360.2	286.1	212.1	286.1	360.2	378.8	815.2	1397.1	1688.0	1774.5	1947.4
105°	399.7	337.0	274.3	337.0	399.7	415.4	838.0	1401.5	1683.2	1877.0	2264.7
107.5°	455.0	396.6	338.1	396.6	455.0	469.6	842.2	1339.1	1587.5	1857.9	2398.7
110°	486.8	434.0	381.2	434.0	486.8	500.0	835.9	1283.8	1507.8	1810.1	2414.6



TEST NUMBER: P935524

CATALOG NUMBER: SQ4-FA-125U-075D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	524.1	473.7	423.4	473.7	524.1	536.6	836.1	1235.5	1435.2	1744.6	2363.3
115°	580.0	533.6	487.2	533.6	580.0	591.6	843.8	1180.2	1348.3	1646.3	2242.4
117.5°	634.5	592.4	550.2	592.4	634.5	645.0	859.6	1145.5	1288.5	1557.5	2095.4
120°	666.2	626.5	586.8	626.5	666.2	676.1	872.3	1133.8	1264.6	1510.4	2001.8
122.5°	702.8	662.7	622.7	662.7	702.8	712.8	890.6	1127.7	1246.2	1467.5	1910.2
125°	750.8	714.3	677.8	714.3	750.8	759.8	915.3	1122.7	1226.3	1414.3	1790.3
127.5°	796.1	759.3	722.4	759.3	796.1	805.3	940.1	1119.7	1209.6	1371.0	1693.8
130°	825.7	786.0	746.3	786.0	825.7	835.6	958.1	1121.5	1203.2	1346.9	1634.3
132.5°	850.4	810.7	771.0	810.7	850.4	860.3	972.7	1122.7	1197.6	1326.2	1583.5
135°	880.0	843.8	807.7	843.8	880.0	889.0	988.7	1121.6	1188.0	1295.8	1511.2
137.5°	916.8	881.0	845.2	881.0	916.8	925.7	1012.6	1128.5	1186.4	1277.5	1459.7
140°	942.2	909.2	876.3	909.2	942.2	950.4	1027.3	1129.7	1180.9	1259.6	1416.9
142.5°	961.1	930.7	900.2	930.7	961.1	968.7	1039.4	1133.7	1180.9	1249.9	1388.2
145°	990.1	963.4	936.9	963.4	990.1	996.7	1055.4	1133.7	1172.9	1229.4	1342.5
147.5°	1025.3	999.5	973.6	999.5	1025.3	1031.8	1078.8	1141.5	1172.9	1217.4	1306.3
150°	1044.3	1020.9	997.5	1020.9	1044.3	1050.1	1091.0	1145.6	1172.9	1210.4	1285.6
152.5°	1057.6	1039.9	1022.2	1039.9	1057.6	1062.1	1099.0	1148.2	1172.9	1205.0	1269.1
155°	1085.1	1072.0	1058.9	1072.0	1085.1	1088.4	1116.6	1154.1	1172.9	1198.4	1249.5
157.5°	1111.5	1098.7	1086.0	1098.7	1111.5	1114.7	1134.1	1159.9	1172.9	1192.7	1232.4
160°	1124.2	1114.3	1104.3	1114.3	1124.2	1126.7	1142.1	1162.6	1172.9	1189.9	1223.9
162.5°	1137.5	1130.1	1122.7	1130.1	1137.5	1139.4	1150.5	1165.4	1172.9	1187.2	1215.9
165°	1156.1	1149.4	1142.6	1149.4	1156.1	1157.8	1162.8	1169.5	1172.9	1183.2	1203.7
167.5°	1167.3	1164.1	1160.9	1164.1	1167.3	1168.1	1172.3	1178.0	1180.9	1187.6	1201.0
170°	1179.3	1176.1	1172.9	1176.1	1179.3	1180.1	1180.3	1180.7	1180.9	1187.6	1201.0
172.5°	1180.7	1179.9	1179.3	1179.9	1180.7	1180.9	1180.9	1180.9	1180.9	1186.2	1196.8
175°	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1185.6	1182.5	1180.9	1184.3	1191.0
177.5°	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1186.2	1183.7	1182.5	1185.1	1190.4
180°	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0



TEST NUMBER: P935524
 CATALOG NUMBER: SQ4-FA-125U-075D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7
2.5°	1570.7	1566.1	1572.3	1555.3	1572.3	1566.1	1570.7	1581.5	1572.3	1578.4	1584.6
5°	1378.2	1370.5	1345.9	1325.9	1345.9	1370.5	1378.2	1410.6	1426.0	1453.7	1490.6
7.5°	1231.9	1225.8	1219.6	1207.3	1219.6	1225.8	1231.9	1241.2	1256.6	1281.2	1308.9
10°	1199.6	1201.1	1210.4	1208.8	1210.4	1201.1	1199.6	1196.5	1191.9	1196.5	1213.4
12.5°	1282.7	1296.6	1347.4	1344.3	1347.4	1296.6	1282.7	1221.1	1179.6	1171.9	1174.9
15°	1378.2	1382.8	1393.6	1395.2	1393.6	1382.8	1378.2	1353.6	1228.8	1174.9	1158.0
17.5°	1387.5	1389.0	1396.7	1396.7	1396.7	1389.0	1387.5	1376.7	1335.1	1262.7	1167.2
20°	1379.8	1382.8	1398.2	1401.3	1398.2	1382.8	1379.8	1365.9	1342.8	1316.6	1244.2
22.5°	1376.7	1382.8	1395.2	1393.6	1395.2	1382.8	1376.7	1355.1	1335.1	1316.6	1287.4
25°	1361.3	1361.3	1362.8	1364.4	1362.8	1361.3	1361.3	1344.3	1304.3	1299.7	1282.7
27.5°	1328.9	1332.0	1341.3	1339.7	1341.3	1332.0	1328.9	1322.8	1279.7	1275.0	1262.7
30°	1299.7	1296.6	1288.9	1282.7	1288.9	1296.6	1299.7	1290.4	1247.3	1235.0	1238.1
32.5°	1250.4	1242.7	1235.0	1230.4	1235.0	1242.7	1250.4	1247.3	1215.0	1198.0	1201.1
35°	1191.9	1193.4	1191.9	1187.3	1191.9	1193.4	1191.9	1195.0	1174.9	1159.5	1158.0
37.5°	1150.3	1153.4	1151.8	1145.7	1151.8	1153.4	1150.3	1147.2	1119.5	1114.9	1118.0
40°	1107.2	1108.7	1107.2	1102.6	1107.2	1108.7	1107.2	1101.0	1062.5	1064.1	1074.8
42.5°	1065.6	1064.1	1059.4	1056.4	1059.4	1064.1	1065.6	1056.4	1007.1	1002.5	1022.5
45°	1017.9	1019.4	1010.2	1005.5	1010.2	1019.4	1017.9	1011.7	960.9	948.6	962.4
47.5°	970.1	970.1	962.4	957.8	962.4	970.1	970.1	962.4	908.6	896.3	904.0
50°	919.3	917.8	907.1	905.5	907.1	917.8	919.3	914.8	857.8	847.0	847.0
52.5°	860.9	860.9	862.4	865.5	862.4	860.9	860.9	862.4	811.6	800.8	797.7
55°	810.0	811.6	822.4	825.4	822.4	811.6	810.0	810.0	763.8	753.1	746.9
57.5°	757.7	757.7	765.4	765.4	765.4	757.7	757.7	754.6	709.9	700.7	697.6
60°	697.6	700.7	706.9	705.3	706.9	700.7	697.6	694.5	656.0	649.9	639.1
62.5°	634.5	637.6	639.1	636.0	639.1	637.6	634.5	625.2	602.1	597.5	583.7
65°	568.3	571.3	572.9	569.8	572.9	571.3	568.3	563.6	546.7	539.0	526.7
67.5°	500.5	499.0	497.4	503.6	497.4	499.0	500.5	494.3	483.6	477.4	460.5
70°	431.2	431.2	429.7	432.7	429.7	431.2	431.2	426.6	420.4	415.8	400.4
72.5°	357.3	355.7	361.9	357.3	361.9	355.7	357.3	355.7	352.7	348.0	332.6
75°	284.9	288.0	284.9	289.5	284.9	288.0	284.9	286.4	284.9	281.8	271.0
77.5°	217.1	220.2	217.1	217.1	217.1	220.2	217.1	218.7	218.7	218.7	209.4
80°	154.0	152.5	152.5	150.9	152.5	152.5	154.0	154.0	155.5	152.5	149.4
82.5°	98.6	97.0	97.0	100.1	97.0	97.0	98.6	100.1	97.0	97.0	97.0
85°	53.9	55.4	52.4	52.4	52.4	55.4	53.9	50.8	53.9	53.9	52.4
87.5°	20.0	18.5	18.5	18.5	18.5	18.5	20.0	21.6	21.6	21.6	23.1
90°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	40.3	53.8	60.6	52.1
92.5°	151.5	145.5	121.4	97.3	121.4	145.5	151.5	214.8	299.1	341.3	299.6
95°	514.3	496.0	423.0	350.0	423.0	496.0	514.3	675.4	890.1	997.5	842.5
97.5°	1187.3	1152.5	1013.6	874.7	1013.6	1152.5	1187.3	1289.1	1424.8	1492.6	1234.2
100°	1667.3	1625.9	1460.4	1294.9	1460.4	1625.9	1667.3	1659.8	1649.9	1645.0	1358.0
102.5°	2077.1	2041.7	1899.9	1758.1	1899.9	2041.7	2077.1	1947.4	1774.5	1688.0	1397.1
105°	2555.5	2536.5	2460.2	2384.1	2460.2	2536.5	2555.5	2264.7	1877.0	1683.2	1401.5
107.5°	2804.3	2808.9	2827.3	2845.7	2827.3	2808.9	2804.3	2398.7	1857.9	1587.5	1339.1
110°	2868.0	2887.9	2967.3	3046.7	2967.3	2887.9	2868.0	2414.6	1810.1	1507.8	1283.8



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2827.4	2857.9	2979.7	3101.6	2979.7	2857.9	2827.4	2363.3	1744.6	1435.2	1235.5
115°	2689.5	2731.7	2900.7	3069.8	2900.7	2731.7	2689.5	2242.4	1646.3	1348.3	1180.2
117.5°	2498.9	2545.8	2733.2	2920.7	2733.2	2545.8	2498.9	2095.4	1557.5	1288.5	1145.5
120°	2370.5	2416.0	2598.2	2780.3	2598.2	2416.0	2370.5	2001.8	1510.4	1264.6	1133.8
122.5°	2242.2	2287.1	2466.8	2646.4	2466.8	2287.1	2242.2	1910.2	1467.5	1246.2	1127.7
125°	2072.3	2113.6	2279.2	2444.7	2279.2	2113.6	2072.3	1790.3	1414.3	1226.3	1122.7
127.5°	1935.9	1970.8	2110.5	2250.1	2110.5	1970.8	1935.9	1693.8	1371.0	1209.6	1119.7
130°	1849.8	1882.1	2011.1	2140.1	2011.1	1882.1	1849.8	1634.3	1346.9	1203.2	1121.5
132.5°	1776.5	1805.3	1920.9	2036.4	1920.9	1805.3	1776.5	1583.5	1326.2	1197.6	1122.7
135°	1672.8	1697.7	1797.3	1896.9	1797.3	1697.7	1672.8	1511.2	1295.8	1188.0	1121.6
137.5°	1596.3	1616.7	1698.2	1779.7	1698.2	1616.7	1596.3	1459.7	1277.5	1186.4	1128.5
140°	1534.9	1553.9	1630.2	1706.3	1630.2	1553.9	1534.9	1416.9	1259.6	1180.9	1129.7
142.5°	1491.8	1508.2	1573.7	1639.3	1573.7	1508.2	1491.8	1388.2	1249.9	1180.9	1133.7
145°	1427.3	1439.7	1489.3	1538.8	1489.3	1439.7	1427.3	1342.5	1229.4	1172.9	1133.7
147.5°	1373.1	1383.3	1424.4	1465.5	1424.4	1383.3	1373.1	1306.3	1217.4	1172.9	1141.5
150°	1342.0	1350.3	1383.6	1416.9	1383.6	1350.3	1342.0	1285.6	1210.4	1172.9	1145.6
152.5°	1317.2	1323.6	1348.7	1373.8	1348.7	1323.6	1317.2	1269.1	1205.0	1172.9	1148.2
155°	1287.7	1291.9	1308.5	1325.2	1308.5	1291.9	1287.7	1249.5	1198.4	1172.9	1154.1
157.5°	1262.2	1265.1	1276.8	1288.5	1276.8	1265.1	1262.2	1232.4	1192.7	1172.9	1159.9
160°	1249.4	1251.1	1257.8	1264.6	1257.8	1251.1	1249.4	1223.9	1189.9	1172.9	1162.6
162.5°	1237.5	1239.1	1245.5	1251.9	1245.5	1239.1	1237.5	1215.9	1187.2	1172.9	1165.4
165°	1219.1	1220.8	1227.5	1234.3	1227.5	1220.8	1219.1	1203.7	1183.2	1172.9	1169.5
167.5°	1211.1	1211.8	1214.7	1217.5	1214.7	1211.8	1211.1	1201.0	1187.6	1180.9	1178.0
170°	1211.1	1211.1	1211.1	1211.1	1211.1	1211.1	1211.1	1201.0	1187.6	1180.9	1180.7
172.5°	1204.8	1204.2	1201.7	1199.2	1201.7	1204.2	1204.8	1196.8	1186.2	1180.9	1180.9
175°	1196.0	1196.0	1196.0	1196.0	1196.0	1196.0	1196.0	1191.0	1184.3	1180.9	1182.5
177.5°	1194.4	1193.7	1190.9	1188.0	1190.9	1193.7	1194.4	1190.4	1185.1	1182.5	1183.7
180°	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1627.7	1627.7	1627.7	1627.7	1627.7
2.5°	1607.7	1615.4	1620.0	1626.2	1641.6
5°	1546.1	1575.3	1584.6	1607.7	1635.4
7.5°	1410.6	1499.9	1524.5	1580.0	1623.1
10°	1279.7	1369.0	1412.1	1543.0	1607.7
12.5°	1213.4	1265.8	1295.1	1478.3	1586.1
15°	1171.9	1208.8	1230.4	1392.1	1561.5
17.5°	1139.5	1165.7	1181.1	1307.4	1527.6
20°	1119.5	1131.8	1145.7	1245.8	1489.1
22.5°	1105.6	1097.9	1108.7	1202.7	1436.7
25°	1096.4	1067.1	1079.5	1168.8	1375.1
27.5°	1104.1	1039.4	1044.0	1138.0	1310.5
30°	1105.6	1005.5	1007.1	1105.6	1238.1
32.5°	1094.9	970.1	971.7	1065.6	1156.5
35°	1068.7	928.5	927.0	1019.4	1045.6
37.5°	1033.3	884.0	884.0	968.6	923.9
40°	990.1	839.3	843.9	902.4	816.2
42.5°	937.8	791.6	797.7	814.7	736.1
45°	880.9	745.4	750.0	688.4	674.5
47.5°	817.7	697.6	699.2	571.3	654.5
50°	742.3	648.3	642.2	489.7	653.0
52.5°	676.1	594.4	576.0	443.5	592.9
55°	611.4	537.5	497.4	408.1	549.8
57.5°	554.4	463.5	425.0	366.5	540.5
60°	502.0	391.2	361.9	321.9	495.9
62.5°	458.9	337.3	331.1	291.1	449.7
65°	412.7	300.3	298.8	264.9	381.9
67.5°	368.1	275.7	274.1	240.2	291.1
70°	320.3	249.5	246.4	214.1	215.6
72.5°	271.0	220.2	217.1	192.5	178.6
75°	221.8	186.3	184.8	167.9	144.8
77.5°	174.0	147.8	150.9	135.5	106.3
80°	124.7	107.8	110.9	97.0	80.1
82.5°	83.2	70.8	73.9	61.6	53.9
85°	46.2	40.0	41.6	32.3	24.6
87.5°	21.6	18.5	18.5	12.3	7.7
90°	35.1	22.3	20.7	14.4	8.0
92.5°	216.4	153.9	140.4	86.1	31.9
95°	532.4	299.8	275.0	175.8	76.5
97.5°	717.1	329.3	307.5	219.9	132.4
100°	784.3	354.0	334.2	254.8	175.4
102.5°	815.2	378.8	360.2	286.1	212.1
105°	838.0	415.4	399.7	337.0	274.3
107.5°	842.2	469.6	455.0	396.6	338.1
110°	835.9	500.0	486.8	434.0	381.2



TEST NUMBER: P935524

CATALOG NUMBER: SQ4-FA-125U-075D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	836.1	536.6	524.1	473.7	423.4
115°	843.8	591.6	580.0	533.6	487.2
117.5°	859.6	645.0	634.5	592.4	550.2
120°	872.3	676.1	666.2	626.5	586.8
122.5°	890.6	712.8	702.8	662.7	622.7
125°	915.3	759.8	750.8	714.3	677.8
127.5°	940.1	805.3	796.1	759.3	722.4
130°	958.1	835.6	825.7	786.0	746.3
132.5°	972.7	860.3	850.4	810.7	771.0
135°	988.7	889.0	880.0	843.8	807.7
137.5°	1012.6	925.7	916.8	881.0	845.2
140°	1027.3	950.4	942.2	909.2	876.3
142.5°	1039.4	968.7	961.1	930.7	900.2
145°	1055.4	996.7	990.1	963.4	936.9
147.5°	1078.8	1031.8	1025.3	999.5	973.6
150°	1091.0	1050.1	1044.3	1020.9	997.5
152.5°	1099.0	1062.1	1057.6	1039.9	1022.2
155°	1116.6	1088.4	1085.1	1072.0	1058.9
157.5°	1134.1	1114.7	1111.5	1098.7	1086.0
160°	1142.1	1126.7	1124.2	1114.3	1104.3
162.5°	1150.5	1139.4	1137.5	1130.1	1122.7
165°	1162.8	1157.8	1156.1	1149.4	1142.6
167.5°	1172.3	1168.1	1167.3	1164.1	1160.9
170°	1180.3	1180.1	1179.3	1176.1	1172.9
172.5°	1180.9	1180.9	1180.7	1179.9	1179.3
175°	1185.6	1188.0	1188.0	1188.0	1188.0
177.5°	1186.2	1188.0	1188.0	1188.0	1188.0
180°	1188.0	1188.0	1188.0	1188.0	1188.0



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	10.31	11.05	11.38	12.13	13.59	13.15	13.89	14.22	14.97	16.43
	3H	10.78	11.44	11.86	12.53	14.01	14.49	15.15	15.57	16.24	17.72
	4H	10.96	11.60	12.06	12.68	14.17	14.93	15.56	16.02	16.64	18.13
	6H	11.08	11.66	12.18	12.74	14.25	15.21	15.79	16.31	16.88	18.38
	8H	11.07	11.63	12.18	12.73	14.23	15.28	15.83	16.39	16.94	18.43
	12H	11.04	11.57	12.15	12.66	14.18	15.32	15.84	16.43	16.94	18.46
4H	2H	11.33	11.96	12.43	13.05	14.53	13.54	14.17	14.64	15.26	16.75
	3H	12.35	12.87	13.45	13.98	15.49	15.04	15.57	16.15	16.68	18.18
	4H	12.62	13.10	13.73	14.20	15.72	15.56	16.05	16.68	17.15	18.67
	6H	12.74	13.15	13.85	14.27	15.79	15.92	16.34	17.04	17.46	18.98
	8H	12.74	13.12	13.86	14.24	15.77	16.03	16.42	17.15	17.53	19.06
	12H	12.70	13.05	13.84	14.18	15.71	16.08	16.43	17.22	17.56	19.10
8H	4H	13.06	13.45	14.18	14.56	16.10	15.68	16.07	16.80	17.18	18.71
	6H	13.32	13.64	14.46	14.80	16.32	16.11	16.43	17.25	17.59	19.12
	8H	13.36	13.64	14.51	14.78	16.33	16.26	16.54	17.41	17.68	19.23
	12H	13.34	13.58	14.49	14.72	16.30	16.36	16.60	17.51	17.74	19.32
12H	4H	13.06	13.41	14.20	14.54	16.08	15.64	15.99	16.77	17.12	18.65
	6H	13.38	13.66	14.53	14.80	16.35	16.11	16.39	17.25	17.53	19.07
	8H	13.44	13.69	14.59	14.82	16.40	16.27	16.51	17.42	17.65	19.23