

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: P935599

Luminaire Tested: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

Issue Date: 12/17/2024

**Test Information**

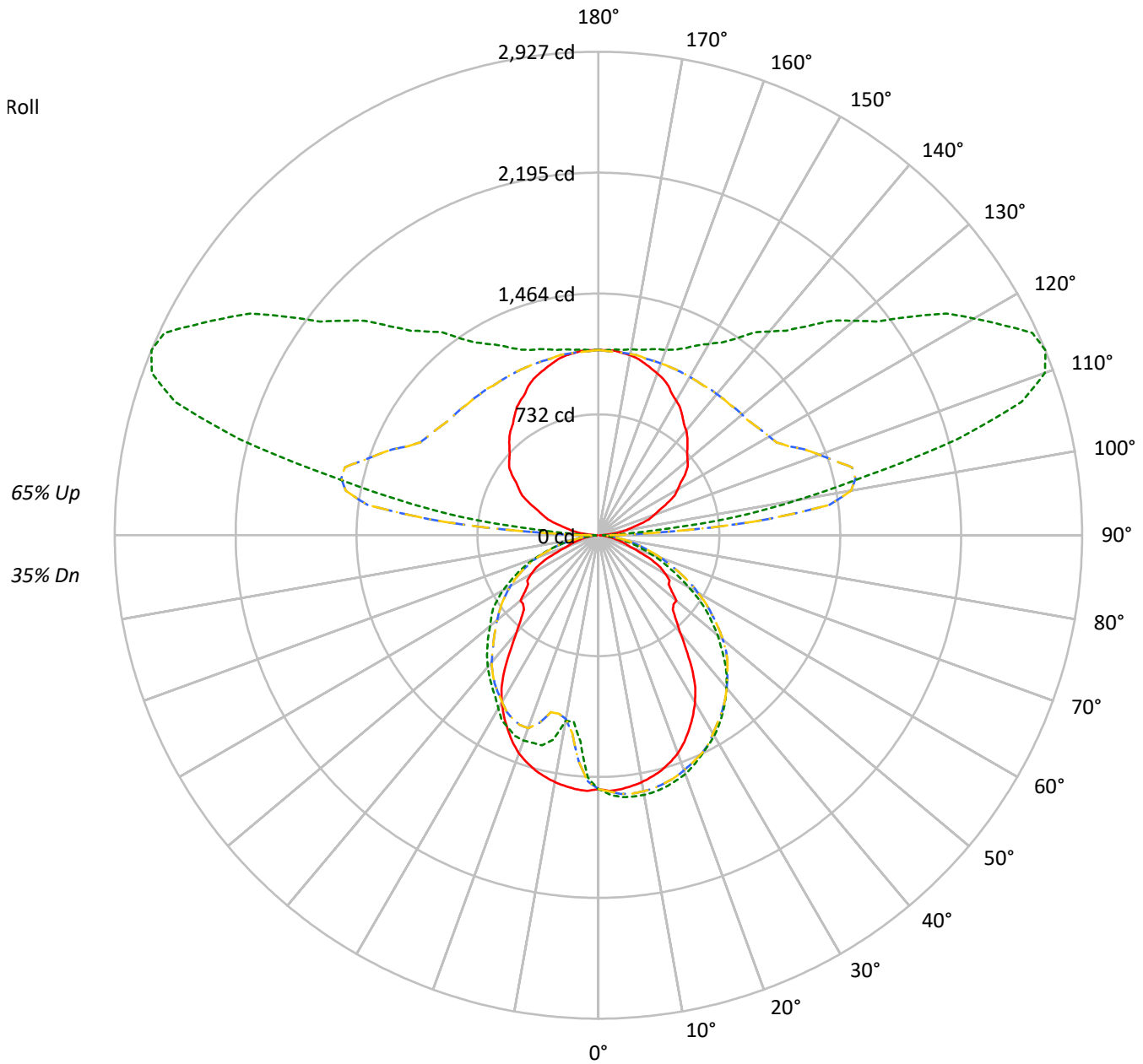
Test Method: LM-79-2019  
Report Number: P935599  
REPORT IS A COMBINATION OF REPORTS P933759 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11256.7 lumens  
Efficiency: N/A  
Efficacy: 135.0 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 83.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P935599  
CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

### Luminous Intensity Polar Plot



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



TEST NUMBER: P935599

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

**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°	9504	9504	9504	9504
5°	9571	9594	9571	7544
10°	9504	9450	9504	6756
15°	9397	9245	9397	7721
20°	9197	9003	9197	7737
25°	8791	8649	8791	7572
30°	8268	8356	8268	7213
35°	7367	7984	7367	6817
40°	6136	7547	6136	6518
45°	5478	7035	5478	6174
50°	5816	6425	5816	5830
55°	5466	5767	5466	5630
60°	5628	4898	5628	5156
65°	5095	4048	5095	4526
70°	3520	3227	3520	3793
75°	3074	2385	3074	2856
80°	2461	1577	2461	1716
85°	1389	835	1389	710

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 8402 cd/sqm



TEST NUMBER: P935599

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	138.7	1.2
10°-20°	393.8	3.5
20°-30°	608.7	5.4
30°-40°	726.6	6.5
40°-50°	730.9	6.5
50°-60°	636.0	5.6
60°-70°	450.9	4.0
70°-80°	238.6	2.1
80°-90°	63.7	0.6
90°-100°	546.6	4.9
100°-110°	1437.0	12.8
110°-120°	1490.0	13.2
120°-130°	1195.2	10.6
130°-140°	937.8	8.3
140°-150°	719.8	6.4
150°-160°	518.4	4.6
160°-170°	317.2	2.8
170°-180°	107.2	1.0
0°-30°	1141.1	10.1
0°-40°	1867.7	16.6
0°-60°	3234.6	28.7
0°-90°	3987.7	35.4
90°-120°	3473.6	30.9
90°-150°	6326.3	56.2
90°-180°	7269.0	64.6
0°-180°	11256.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1536	1536	1536	1536	1536	
5°	1544	1592	1544	1252	1544	146
15°	1474	1577	1474	1317	1474	415
25°	1298	1471	1298	1288	1298	596
35°	987	1312	987	1121	987	611
45°	637	1081	637	949	637	510
55°	519	798	519	779	519	477
65°	360	481	360	538	360	345
75°	137	228	137	273	137	144
85°	23	58	23	49	23	31
90°	8	29	8	29	8	7
95°	72	330	72	330	72	80
105°	259	2250	259	2250	259	274
115°	460	2897	460	2897	460	454
125°	640	2307	640	2307	640	568
135°	762	1790	762	1790	762	590
145°	884	1452	884	1452	884	554
155°	999	1251	999	1251	999	459
165°	1078	1165	1078	1165	1078	304
175°	1121	1129	1121	1129	1121	106
180°	1121	1121	1121	1121	1121	



TEST NUMBER: P935599

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3
2.5°	1549.4	1549.4	1558.2	1561.1	1561.1	1556.7	1552.3	1556.7	1569.8	1574.1	1572.7
5°	1543.6	1555.2	1571.2	1574.1	1577.0	1575.6	1572.7	1575.6	1590.1	1593.0	1594.5
7.5°	1532.0	1553.8	1574.1	1578.5	1582.9	1578.5	1577.0	1580.0	1594.5	1597.4	1597.4
10°	1517.5	1548.0	1571.2	1574.1	1578.5	1574.1	1574.1	1580.0	1594.5	1597.4	1598.8
12.5°	1497.1	1539.3	1561.1	1564.0	1569.8	1568.3	1566.9	1572.7	1587.2	1590.1	1590.1
15°	1473.8	1523.3	1543.6	1546.5	1556.7	1553.8	1553.8	1559.6	1575.6	1580.0	1578.5
17.5°	1441.9	1502.9	1526.2	1530.5	1537.8	1536.3	1537.8	1543.6	1558.2	1561.1	1562.5
20°	1405.5	1475.3	1502.9	1507.3	1514.5	1514.5	1514.5	1521.8	1536.3	1542.2	1542.2
22.5°	1356.1	1446.2	1475.3	1478.2	1486.9	1486.9	1489.8	1500.0	1513.1	1514.5	1514.5
25°	1298.0	1414.3	1439.0	1447.7	1456.4	1460.8	1465.1	1470.9	1475.3	1473.8	1475.3
27.5°	1236.9	1373.6	1405.5	1411.3	1423.0	1427.3	1433.2	1434.6	1436.1	1440.4	1437.5
30°	1168.6	1316.9	1364.8	1370.7	1389.5	1392.5	1386.6	1389.5	1396.8	1399.7	1402.6
32.5°	1091.6	1232.6	1322.7	1335.8	1353.2	1344.5	1343.0	1347.4	1359.0	1359.0	1361.9
35°	986.9	1167.2	1283.4	1295.1	1308.1	1298.0	1303.8	1305.2	1312.5	1316.9	1315.4
37.5°	872.1	1110.5	1242.7	1251.5	1261.6	1248.6	1257.3	1261.6	1267.5	1264.5	1264.5
40°	770.4	1021.8	1194.8	1200.6	1209.3	1199.1	1207.9	1210.8	1213.7	1210.8	1209.3
42.5°	694.8	924.4	1143.9	1151.2	1145.4	1152.6	1155.5	1161.3	1157.0	1151.2	1151.2
45°	636.6	898.3	1088.7	1097.4	1088.7	1100.3	1104.7	1104.7	1091.6	1088.7	1087.2
47.5°	617.7	845.9	1033.4	1033.4	1029.1	1043.6	1050.9	1040.7	1027.6	1023.3	1023.3
50°	616.3	787.8	957.9	952.0	972.4	989.8	982.6	972.4	962.2	946.2	946.2
52.5°	559.6	716.6	860.5	882.3	914.3	924.4	912.8	902.6	885.2	877.9	872.1
55°	518.9	642.4	771.8	815.4	848.8	861.9	840.1	829.9	803.8	799.4	796.5
57.5°	510.2	534.9	690.4	745.6	786.3	784.9	771.8	752.9	731.1	726.8	725.3
60°	468.0	386.6	603.2	668.6	710.8	706.4	694.8	677.3	657.0	654.1	651.2
62.5°	424.4	280.5	504.4	578.5	638.1	636.6	626.5	600.3	585.8	578.5	572.7
65°	360.5	235.5	359.0	481.1	566.9	569.8	548.0	529.1	513.1	504.4	502.9
67.5°	274.7	191.9	242.7	401.2	498.6	495.6	468.0	459.3	439.0	434.6	425.9
70°	203.5	127.9	168.6	325.6	431.7	424.4	402.6	392.4	373.5	363.4	357.6
72.5°	168.6	103.2	123.5	252.9	363.4	354.7	335.8	324.1	308.1	299.4	293.6
75°	136.6	109.0	94.5	187.5	295.1	289.2	271.8	260.2	247.1	235.5	236.9
77.5°	100.3	101.7	75.6	138.1	234.0	225.3	215.1	200.6	194.8	183.1	183.1
80°	75.6	79.9	56.7	94.5	168.6	168.6	159.9	149.7	139.5	133.7	133.7
82.5°	50.9	50.9	42.2	59.6	114.8	110.5	104.7	101.7	95.9	93.0	93.0
85°	23.3	29.1	26.2	36.3	62.5	65.4	65.4	62.5	61.0	58.1	59.6
87.5°	7.3	13.1	16.0	20.3	32.0	33.4	34.9	34.9	34.9	36.3	36.3
90°	7.6	13.6	19.6	21.0	33.0	49.1	57.2	50.8	38.1	28.6	28.6
92.5°	30.1	81.3	132.5	145.3	204.2	282.8	322.1	282.3	202.7	143.0	137.3
95°	72.3	165.9	259.5	282.9	502.4	795.2	941.5	840.1	637.4	485.4	468.1
97.5°	124.9	207.5	290.1	310.8	676.7	1164.8	1408.8	1344.8	1216.7	1120.6	1087.8
100°	165.6	240.5	315.4	334.1	740.2	1281.8	1552.5	1557.2	1566.6	1573.6	1534.5
102.5°	200.2	270.1	340.0	357.5	769.4	1318.5	1593.1	1674.7	1838.0	1960.4	1927.0
105°	258.9	318.1	377.2	392.1	790.9	1322.8	1588.7	1771.6	2137.5	2411.9	2393.9
107.5°	319.1	374.2	429.5	443.2	795.0	1263.9	1498.4	1753.6	2264.0	2646.7	2651.1
110°	359.7	409.5	459.3	471.8	788.9	1211.6	1423.1	1708.3	2279.0	2707.0	2725.7



TEST NUMBER: P935599

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	399.6	447.1	494.6	506.5	789.2	1166.1	1354.6	1646.5	2230.5	2668.5	2697.3
115°	459.8	503.6	547.5	558.4	796.5	1113.9	1272.6	1553.9	2116.5	2538.4	2578.3
117.5°	519.3	559.1	598.8	608.8	811.2	1081.1	1216.1	1470.0	1977.7	2358.5	2402.7
120°	553.9	591.4	628.8	638.2	823.3	1070.1	1193.5	1425.5	1889.4	2237.3	2280.3
122.5°	587.8	625.6	663.4	672.8	840.6	1064.3	1176.3	1385.2	1802.9	2116.2	2158.5
125°	639.6	674.1	708.5	717.2	864.0	1059.6	1157.5	1334.9	1689.7	1955.9	1995.0
127.5°	681.8	716.6	751.4	760.1	887.3	1056.9	1141.7	1294.0	1598.8	1827.2	1860.2
130°	704.4	741.9	779.3	788.7	904.3	1058.4	1135.6	1271.2	1542.5	1745.9	1776.4
132.5°	727.7	765.2	802.6	812.0	918.1	1059.6	1130.3	1251.8	1494.6	1676.7	1703.9
135°	762.3	796.4	830.5	839.1	933.1	1058.6	1121.3	1223.0	1426.4	1578.9	1602.3
137.5°	797.7	831.5	865.3	873.7	955.7	1065.1	1119.8	1205.7	1377.6	1506.6	1525.8
140°	827.0	858.1	889.3	897.0	969.5	1066.2	1114.5	1188.8	1337.3	1448.7	1466.7
142.5°	849.6	878.4	907.2	914.3	981.1	1070.1	1114.5	1179.8	1310.2	1408.1	1423.6
145°	884.2	909.3	934.4	940.7	996.1	1070.1	1107.0	1160.4	1267.1	1347.1	1358.8
147.5°	918.9	943.3	967.7	973.8	1018.2	1077.4	1107.0	1148.9	1233.0	1295.9	1305.6
150°	941.5	963.6	985.6	991.1	1029.8	1081.2	1107.0	1142.5	1213.4	1266.6	1274.4
152.5°	964.7	981.5	998.3	1002.4	1037.3	1083.7	1107.0	1137.2	1197.8	1243.2	1249.1
155°	999.4	1011.8	1024.1	1027.2	1053.8	1089.3	1107.0	1131.1	1179.3	1215.4	1219.4
157.5°	1025.0	1037.0	1049.0	1052.0	1070.4	1094.8	1107.0	1125.7	1163.2	1191.3	1194.0
160°	1042.3	1051.7	1061.1	1063.4	1077.9	1097.3	1107.0	1123.1	1155.1	1179.3	1180.8
162.5°	1059.6	1066.6	1073.7	1075.4	1086.0	1100.0	1107.0	1120.6	1147.6	1167.9	1169.5
165°	1078.4	1084.8	1091.2	1092.7	1097.5	1103.8	1107.0	1116.7	1136.2	1150.7	1152.2
167.5°	1095.7	1098.7	1101.8	1102.5	1106.5	1111.8	1114.5	1120.9	1133.6	1143.1	1143.8
170°	1107.0	1110.0	1113.0	1113.8	1114.1	1114.4	1114.5	1120.9	1133.6	1143.1	1143.1
172.5°	1113.0	1113.7	1114.4	1114.5	1114.5	1114.5	1114.5	1119.6	1129.6	1137.1	1136.5
175°	1121.3	1121.3	1121.3	1121.3	1119.1	1116.1	1114.5	1117.7	1124.1	1128.9	1128.9
177.5°	1121.3	1121.3	1121.3	1121.3	1119.6	1117.2	1116.0	1118.5	1123.6	1127.3	1126.7
180°	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3



TEST NUMBER: P935599

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3
2.5°	1575.6	1571.2	1575.6	1572.7	1574.1	1569.8	1556.7	1552.3	1556.7	1561.1	1561.1
5°	1594.5	1591.6	1594.5	1594.5	1593.0	1590.1	1575.6	1572.7	1575.6	1577.0	1574.1
7.5°	1600.3	1595.9	1600.3	1597.4	1597.4	1594.5	1580.0	1577.0	1578.5	1582.9	1578.5
10°	1600.3	1595.9	1600.3	1598.8	1597.4	1594.5	1580.0	1574.1	1574.1	1578.5	1574.1
12.5°	1593.0	1590.1	1593.0	1590.1	1590.1	1587.2	1572.7	1566.9	1568.3	1569.8	1564.0
15°	1581.4	1577.0	1581.4	1578.5	1580.0	1575.6	1559.6	1553.8	1553.8	1556.7	1546.5
17.5°	1564.0	1558.2	1564.0	1562.5	1561.1	1558.2	1543.6	1537.8	1536.3	1537.8	1530.5
20°	1543.6	1539.3	1543.6	1542.2	1542.2	1536.3	1521.8	1514.5	1514.5	1514.5	1507.3
22.5°	1511.6	1507.3	1511.6	1514.5	1514.5	1513.1	1500.0	1489.8	1486.9	1486.9	1478.2
25°	1475.3	1470.9	1475.3	1475.3	1473.8	1475.3	1470.9	1465.1	1460.8	1456.4	1447.7
27.5°	1440.4	1437.5	1440.4	1437.5	1440.4	1436.1	1434.6	1433.2	1427.3	1423.0	1411.3
30°	1405.5	1402.6	1405.5	1402.6	1399.7	1396.8	1389.5	1386.6	1392.5	1389.5	1370.7
32.5°	1361.9	1359.0	1361.9	1361.9	1359.0	1359.0	1347.4	1343.0	1344.5	1353.2	1335.8
35°	1316.9	1312.5	1316.9	1315.4	1316.9	1312.5	1305.2	1303.8	1298.0	1308.1	1295.1
37.5°	1264.5	1260.2	1264.5	1264.5	1264.5	1267.5	1261.6	1257.3	1248.6	1261.6	1251.5
40°	1210.8	1205.0	1210.8	1209.3	1210.8	1213.7	1210.8	1207.9	1199.1	1209.3	1200.6
42.5°	1149.7	1148.3	1149.7	1151.2	1151.2	1157.0	1161.3	1155.5	1152.6	1145.4	1151.2
45°	1084.3	1081.4	1084.3	1087.2	1088.7	1091.6	1104.7	1104.7	1100.3	1088.7	1097.4
47.5°	1014.5	1007.3	1014.5	1023.3	1023.3	1027.6	1040.7	1050.9	1043.6	1029.1	1033.4
50°	940.4	941.9	940.4	946.2	946.2	962.2	972.4	982.6	989.8	972.4	952.0
52.5°	867.7	866.3	867.7	872.1	877.9	885.2	902.6	912.8	924.4	914.3	882.3
55°	795.1	798.0	795.1	796.5	799.4	803.8	829.9	840.1	861.9	848.8	815.4
57.5°	722.4	718.0	722.4	725.3	726.8	731.1	752.9	771.8	784.9	786.3	745.6
60°	638.1	632.3	638.1	651.2	654.1	657.0	677.3	694.8	706.4	710.8	668.6
62.5°	564.0	553.8	564.0	572.7	578.5	585.8	600.3	626.5	636.6	638.1	578.5
65°	485.5	481.1	485.5	502.9	504.4	513.1	529.1	548.0	569.8	566.9	481.1
67.5°	414.2	414.2	414.2	425.9	434.6	439.0	459.3	468.0	495.6	498.6	401.2
70°	348.8	347.4	348.8	357.6	363.4	373.5	392.4	402.6	424.4	431.7	325.6
72.5°	286.3	284.9	286.3	293.6	299.4	308.1	324.1	335.8	354.7	363.4	252.9
75°	231.1	228.2	231.1	236.9	235.5	247.1	260.2	271.8	289.2	295.1	187.5
77.5°	177.3	177.3	177.3	183.1	183.1	194.8	200.6	215.1	225.3	234.0	138.1
80°	132.3	130.8	132.3	133.7	133.7	139.5	149.7	159.9	168.6	168.6	94.5
82.5°	93.0	90.1	93.0	93.0	93.0	95.9	101.7	104.7	110.5	114.8	59.6
85°	58.1	58.1	58.1	59.6	58.1	61.0	62.5	65.4	65.4	62.5	36.3
87.5°	37.8	36.3	37.8	36.3	36.3	34.9	34.9	34.9	33.4	32.0	20.3
90°	28.6	28.6	28.6	28.6	28.6	38.1	50.8	57.2	49.1	33.0	21.0
92.5°	114.5	91.8	114.5	137.3	143.0	202.7	282.3	322.1	282.8	204.2	145.3
95°	399.2	330.3	399.2	468.1	485.4	637.4	840.1	941.5	795.2	502.4	282.9
97.5°	956.7	825.6	956.7	1087.8	1120.6	1216.7	1344.8	1408.8	1164.8	676.7	310.8
100°	1378.4	1222.2	1378.4	1534.5	1573.6	1566.6	1557.2	1552.5	1281.8	740.2	334.1
102.5°	1793.1	1659.4	1793.1	1927.0	1960.4	1838.0	1674.7	1593.1	1318.5	769.4	357.5
105°	2322.0	2250.1	2322.0	2393.9	2411.9	2137.5	1771.6	1588.7	1322.8	790.9	392.1
107.5°	2668.4	2685.9	2668.4	2651.1	2646.7	2264.0	1753.6	1498.4	1263.9	795.0	443.2
110°	2800.6	2875.5	2800.6	2725.7	2707.0	2279.0	1708.3	1423.1	1211.6	788.9	471.8





TEST NUMBER: P935599

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2812.3	2927.4	2812.3	2697.3	2668.5	2230.5	1646.5	1354.6	1166.1	789.2	506.5
115°	2737.8	2897.3	2737.8	2578.3	2538.4	2116.5	1553.9	1272.6	1113.9	796.5	558.4
117.5°	2579.7	2756.6	2579.7	2402.7	2358.5	1977.7	1470.0	1216.1	1081.1	811.2	608.8
120°	2452.2	2624.1	2452.2	2280.3	2237.3	1889.4	1425.5	1193.5	1070.1	823.3	638.2
122.5°	2328.1	2497.7	2328.1	2158.5	2116.2	1802.9	1385.2	1176.3	1064.3	840.6	672.8
125°	2151.2	2307.4	2151.2	1995.0	1955.9	1689.7	1334.9	1157.5	1059.6	864.0	717.2
127.5°	1992.0	2123.8	1992.0	1860.2	1827.2	1598.8	1294.0	1141.7	1056.9	887.3	760.1
130°	1898.2	2019.9	1898.2	1776.4	1745.9	1542.5	1271.2	1135.6	1058.4	904.3	788.7
132.5°	1813.0	1922.0	1813.0	1703.9	1676.7	1494.6	1251.8	1130.3	1059.6	918.1	812.0
135°	1696.3	1790.3	1696.3	1602.3	1578.9	1426.4	1223.0	1121.3	1058.6	933.1	839.1
137.5°	1602.7	1679.7	1602.7	1525.8	1506.6	1377.6	1205.7	1119.8	1065.1	955.7	873.7
140°	1538.6	1610.5	1538.6	1466.7	1448.7	1337.3	1188.8	1114.5	1066.2	969.5	897.0
142.5°	1485.4	1547.3	1485.4	1423.6	1408.1	1310.2	1179.8	1114.5	1070.1	981.1	914.3
145°	1405.6	1452.4	1405.6	1358.8	1347.1	1267.1	1160.4	1107.0	1070.1	996.1	940.7
147.5°	1344.5	1383.2	1344.5	1305.6	1295.9	1233.0	1148.9	1107.0	1077.4	1018.2	973.8
150°	1305.9	1337.3	1305.9	1274.4	1266.6	1213.4	1142.5	1107.0	1081.2	1029.8	991.1
152.5°	1272.9	1296.6	1272.9	1249.1	1243.2	1197.8	1137.2	1107.0	1083.7	1037.3	1002.4
155°	1235.1	1250.8	1235.1	1219.4	1215.4	1179.3	1131.1	1107.0	1089.3	1053.8	1027.2
157.5°	1205.0	1216.1	1205.0	1194.0	1191.3	1163.2	1125.7	1107.0	1094.8	1070.4	1052.0
160°	1187.2	1193.5	1187.2	1180.8	1179.3	1155.1	1123.1	1107.0	1097.3	1077.9	1063.4
162.5°	1175.5	1181.5	1175.5	1169.5	1167.9	1147.6	1120.6	1107.0	1100.0	1086.0	1075.4
165°	1158.6	1164.9	1158.6	1152.2	1150.7	1136.2	1116.7	1107.0	1103.8	1097.5	1092.7
167.5°	1146.4	1149.1	1146.4	1143.8	1143.1	1133.6	1120.9	1114.5	1111.8	1106.5	1102.5
170°	1143.1	1143.1	1143.1	1143.1	1143.1	1133.6	1120.9	1114.5	1114.4	1114.1	1113.8
172.5°	1134.2	1131.9	1134.2	1136.5	1137.1	1129.6	1119.6	1114.5	1114.5	1114.5	1114.5
175°	1128.9	1128.9	1128.9	1128.9	1128.9	1124.1	1117.7	1114.5	1116.1	1119.1	1121.3
177.5°	1124.0	1121.3	1124.0	1126.7	1127.3	1123.6	1118.5	1116.0	1117.2	1119.6	1121.3
180°	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3



TEST NUMBER: P935599

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3
2.5°	1558.2	1549.4	1549.4	1534.9	1529.1	1524.7	1517.5	1495.7	1489.8	1484.0	1492.7
5°	1571.2	1555.2	1543.6	1517.5	1495.7	1486.9	1459.3	1407.0	1372.1	1345.9	1331.4
7.5°	1574.1	1553.8	1532.0	1491.3	1439.0	1415.7	1331.4	1235.5	1209.3	1186.1	1171.5
10°	1571.2	1548.0	1517.5	1456.4	1332.9	1292.2	1207.9	1145.4	1129.4	1125.0	1129.4
12.5°	1561.1	1539.3	1497.1	1395.4	1222.4	1194.8	1145.4	1109.0	1106.1	1113.4	1152.6
15°	1543.6	1523.3	1473.8	1314.0	1161.3	1141.0	1106.1	1093.0	1109.0	1159.9	1277.6
17.5°	1526.2	1502.9	1441.9	1234.0	1114.8	1100.3	1075.6	1101.8	1191.9	1260.2	1299.4
20°	1502.9	1475.3	1405.5	1175.9	1081.4	1068.3	1056.7	1174.4	1242.7	1267.5	1289.3
22.5°	1475.3	1446.2	1356.1	1135.2	1046.5	1036.3	1043.6	1215.1	1242.7	1260.2	1279.1
25°	1439.0	1414.3	1298.0	1103.2	1018.9	1007.3	1034.9	1210.8	1226.8	1231.1	1268.9
27.5°	1405.5	1373.6	1236.9	1074.1	985.5	981.1	1042.2	1191.9	1203.5	1207.9	1248.6
30°	1364.8	1316.9	1168.6	1043.6	950.6	949.1	1043.6	1168.6	1165.7	1177.3	1218.0
32.5°	1322.7	1232.6	1091.6	1005.8	917.2	915.7	1033.4	1133.7	1130.8	1146.8	1177.3
35°	1283.4	1167.2	986.9	962.2	875.0	876.5	1008.7	1093.0	1094.5	1109.0	1127.9
37.5°	1242.7	1110.5	872.1	914.3	834.3	834.3	975.3	1055.2	1052.3	1056.7	1082.9
40°	1194.8	1021.8	770.4	851.8	796.5	792.2	934.6	1014.5	1004.4	1002.9	1039.3
42.5°	1143.9	924.4	694.8	768.9	752.9	747.1	885.2	965.1	946.2	950.6	997.1
45°	1088.7	898.3	636.6	649.7	707.9	703.5	831.4	908.4	895.4	907.0	954.9
47.5°	1033.4	845.9	617.7	539.2	659.9	658.4	771.8	853.2	845.9	857.6	908.4
50°	957.9	787.8	616.3	462.2	606.1	611.9	700.6	799.4	799.4	809.6	863.4
52.5°	860.5	716.6	559.6	418.6	543.6	561.1	638.1	752.9	755.8	766.0	814.0
55°	771.8	642.4	518.9	385.2	469.5	507.3	577.0	704.9	710.8	720.9	764.5
57.5°	690.4	534.9	510.2	345.9	401.2	437.5	523.3	658.4	661.3	670.1	712.2
60°	603.2	386.6	468.0	303.8	341.6	369.2	473.8	603.2	613.4	619.2	655.5
62.5°	504.4	280.5	424.4	274.7	312.5	318.3	433.1	550.9	564.0	568.3	590.1
65°	359.0	235.5	360.5	250.0	282.0	283.4	389.5	497.1	508.7	516.0	532.0
67.5°	242.7	191.9	274.7	226.7	258.7	260.2	347.4	434.6	450.6	456.4	466.6
70°	168.6	127.9	203.5	202.0	232.6	235.5	302.3	377.9	392.4	396.8	402.6
72.5°	123.5	103.2	168.6	181.7	204.9	207.9	255.8	314.0	328.5	332.9	335.8
75°	94.5	109.0	136.6	158.4	174.4	175.9	209.3	255.8	266.0	268.9	270.4
77.5°	75.6	101.7	100.3	127.9	142.4	139.5	164.2	197.7	206.4	206.4	206.4
80°	56.7	79.9	75.6	91.6	104.7	101.7	117.7	141.0	143.9	146.8	145.4
82.5°	42.2	50.9	50.9	58.1	69.8	66.9	78.5	91.6	91.6	91.6	94.5
85°	26.2	29.1	23.3	30.5	39.2	37.8	43.6	49.4	50.9	50.9	48.0
87.5°	16.0	13.1	7.3	11.6	17.4	17.4	20.3	21.8	20.3	20.3	20.3
90°	19.6	13.6	7.6	13.6	19.6	21.0	33.0	49.1	57.2	50.8	38.1
92.5°	132.5	81.3	30.1	81.3	132.5	145.3	204.2	282.8	322.1	282.3	202.7
95°	259.5	165.9	72.3	165.9	259.5	282.9	502.4	795.2	941.5	840.1	637.4
97.5°	290.1	207.5	124.9	207.5	290.1	310.8	676.7	1164.8	1408.8	1344.8	1216.7
100°	315.4	240.5	165.6	240.5	315.4	334.1	740.2	1281.8	1552.5	1557.2	1566.6
102.5°	340.0	270.1	200.2	270.1	340.0	357.5	769.4	1318.5	1593.1	1674.7	1838.0
105°	377.2	318.1	258.9	318.1	377.2	392.1	790.9	1322.8	1588.7	1771.6	2137.5
107.5°	429.5	374.2	319.1	374.2	429.5	443.2	795.0	1263.9	1498.4	1753.6	2264.0
110°	459.3	409.5	359.7	409.5	459.3	471.8	788.9	1211.6	1423.1	1708.3	2279.0



TEST NUMBER: P935599

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	494.6	447.1	399.6	447.1	494.6	506.5	789.2	1166.1	1354.6	1646.5	2230.5
115°	547.5	503.6	459.8	503.6	547.5	558.4	796.5	1113.9	1272.6	1553.9	2116.5
117.5°	598.8	559.1	519.3	559.1	598.8	608.8	811.2	1081.1	1216.1	1470.0	1977.7
120°	628.8	591.4	553.9	591.4	628.8	638.2	823.3	1070.1	1193.5	1425.5	1889.4
122.5°	663.4	625.6	587.8	625.6	663.4	672.8	840.6	1064.3	1176.3	1385.2	1802.9
125°	708.5	674.1	639.6	674.1	708.5	717.2	864.0	1059.6	1157.5	1334.9	1689.7
127.5°	751.4	716.6	681.8	716.6	751.4	760.1	887.3	1056.9	1141.7	1294.0	1598.8
130°	779.3	741.9	704.4	741.9	779.3	788.7	904.3	1058.4	1135.6	1271.2	1542.5
132.5°	802.6	765.2	727.7	765.2	802.6	812.0	918.1	1059.6	1130.3	1251.8	1494.6
135°	830.5	796.4	762.3	796.4	830.5	839.1	933.1	1058.6	1121.3	1223.0	1426.4
137.5°	865.3	831.5	797.7	831.5	865.3	873.7	955.7	1065.1	1119.8	1205.7	1377.6
140°	889.3	858.1	827.0	858.1	889.3	897.0	969.5	1066.2	1114.5	1188.8	1337.3
142.5°	907.2	878.4	849.6	878.4	907.2	914.3	981.1	1070.1	1114.5	1179.8	1310.2
145°	934.4	909.3	884.2	909.3	934.4	940.7	996.1	1070.1	1107.0	1160.4	1267.1
147.5°	967.7	943.3	918.9	943.3	967.7	973.8	1018.2	1077.4	1107.0	1148.9	1233.0
150°	985.6	963.6	941.5	963.6	985.6	991.1	1029.8	1081.2	1107.0	1142.5	1213.4
152.5°	998.3	981.5	964.7	981.5	998.3	1002.4	1037.3	1083.7	1107.0	1137.2	1197.8
155°	1024.1	1011.8	999.4	1011.8	1024.1	1027.2	1053.8	1089.3	1107.0	1131.1	1179.3
157.5°	1049.0	1037.0	1025.0	1037.0	1049.0	1052.0	1070.4	1094.8	1107.0	1125.7	1163.2
160°	1061.1	1051.7	1042.3	1051.7	1061.1	1063.4	1077.9	1097.3	1107.0	1123.1	1155.1
162.5°	1073.7	1066.6	1059.6	1066.6	1073.7	1075.4	1086.0	1100.0	1107.0	1120.6	1147.6
165°	1091.2	1084.8	1078.4	1084.8	1091.2	1092.7	1097.5	1103.8	1107.0	1116.7	1136.2
167.5°	1101.8	1098.7	1095.7	1098.7	1101.8	1102.5	1106.5	1111.8	1114.5	1120.9	1133.6
170°	1113.0	1110.0	1107.0	1110.0	1113.0	1113.8	1114.1	1114.4	1114.5	1120.9	1133.6
172.5°	1114.4	1113.7	1113.0	1113.7	1114.4	1114.5	1114.5	1114.5	1114.5	1119.6	1129.6
175°	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1119.1	1116.1	1114.5	1117.7	1124.1
177.5°	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1119.6	1117.2	1116.0	1118.5	1123.6
180°	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3



TEST NUMBER: P935599

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3	1536.3
2.5°	1482.6	1478.2	1484.0	1468.0	1484.0	1478.2	1482.6	1492.7	1484.0	1489.8	1495.7
5°	1300.9	1293.6	1270.4	1251.5	1270.4	1293.6	1300.9	1331.4	1345.9	1372.1	1407.0
7.5°	1162.8	1157.0	1151.2	1139.5	1151.2	1157.0	1162.8	1171.5	1186.1	1209.3	1235.5
10°	1132.3	1133.7	1142.5	1141.0	1142.5	1133.7	1132.3	1129.4	1125.0	1129.4	1145.4
12.5°	1210.8	1223.8	1271.8	1268.9	1271.8	1223.8	1210.8	1152.6	1113.4	1106.1	1109.0
15°	1300.9	1305.2	1315.4	1316.9	1315.4	1305.2	1300.9	1277.6	1159.9	1109.0	1093.0
17.5°	1309.6	1311.1	1318.3	1318.3	1318.3	1311.1	1309.6	1299.4	1260.2	1191.9	1101.8
20°	1302.3	1305.2	1319.8	1322.7	1319.8	1305.2	1302.3	1289.3	1267.5	1242.7	1174.4
22.5°	1299.4	1305.2	1316.9	1315.4	1316.9	1305.2	1299.4	1279.1	1260.2	1242.7	1215.1
25°	1284.9	1284.9	1286.3	1287.8	1286.3	1284.9	1284.9	1268.9	1231.1	1226.8	1210.8
27.5°	1254.4	1257.3	1266.0	1264.5	1266.0	1257.3	1254.4	1248.6	1207.9	1203.5	1191.9
30°	1226.8	1223.8	1216.6	1210.8	1216.6	1223.8	1226.8	1218.0	1177.3	1165.7	1168.6
32.5°	1180.2	1173.0	1165.7	1161.3	1165.7	1173.0	1180.2	1177.3	1146.8	1130.8	1133.7
35°	1125.0	1126.5	1125.0	1120.6	1125.0	1126.5	1125.0	1127.9	1109.0	1094.5	1093.0
37.5°	1085.8	1088.7	1087.2	1081.4	1087.2	1088.7	1085.8	1082.9	1056.7	1052.3	1055.2
40°	1045.1	1046.5	1045.1	1040.7	1045.1	1046.5	1045.1	1039.3	1002.9	1004.4	1014.5
42.5°	1005.8	1004.4	1000.0	997.1	1000.0	1004.4	1005.8	997.1	950.6	946.2	965.1
45°	960.8	962.2	953.5	949.1	953.5	962.2	960.8	954.9	907.0	895.4	908.4
47.5°	915.7	915.7	908.4	904.1	908.4	915.7	915.7	908.4	857.6	845.9	853.2
50°	867.7	866.3	856.1	854.7	856.1	866.3	867.7	863.4	809.6	799.4	799.4
52.5°	812.5	812.5	814.0	816.9	814.0	812.5	812.5	814.0	766.0	755.8	752.9
55°	764.5	766.0	776.2	779.1	776.2	766.0	764.5	764.5	720.9	710.8	704.9
57.5°	715.1	715.1	722.4	722.4	722.4	715.1	715.1	712.2	670.1	661.3	658.4
60°	658.4	661.3	667.2	665.7	667.2	661.3	658.4	655.5	619.2	613.4	603.2
62.5°	598.8	601.7	603.2	600.3	603.2	601.7	598.8	590.1	568.3	564.0	550.9
65°	536.3	539.2	540.7	537.8	540.7	539.2	536.3	532.0	516.0	508.7	497.1
67.5°	472.4	470.9	469.5	475.3	469.5	470.9	472.4	466.6	456.4	450.6	434.6
70°	407.0	407.0	405.5	408.4	405.5	407.0	407.0	402.6	396.8	392.4	377.9
72.5°	337.2	335.8	341.6	337.2	341.6	335.8	337.2	335.8	332.9	328.5	314.0
75°	268.9	271.8	268.9	273.3	268.9	271.8	268.9	270.4	268.9	266.0	255.8
77.5°	204.9	207.9	204.9	204.9	204.9	207.9	204.9	206.4	206.4	206.4	197.7
80°	145.4	143.9	143.9	142.4	143.9	143.9	145.4	145.4	146.8	143.9	141.0
82.5°	93.0	91.6	91.6	94.5	91.6	91.6	93.0	94.5	91.6	91.6	91.6
85°	50.9	52.3	49.4	49.4	49.4	52.3	50.9	48.0	50.9	50.9	49.4
87.5°	18.9	17.4	17.4	17.4	17.4	17.4	18.9	20.3	20.3	20.3	21.8
90°	28.6	28.6	28.6	28.6	28.6	28.6	28.6	38.1	50.8	57.2	49.1
92.5°	143.0	137.3	114.5	91.8	114.5	137.3	143.0	202.7	282.3	322.1	282.8
95°	485.4	468.1	399.2	330.3	399.2	468.1	485.4	637.4	840.1	941.5	795.2
97.5°	1120.6	1087.8	956.7	825.6	956.7	1087.8	1120.6	1216.7	1344.8	1408.8	1164.8
100°	1573.6	1534.5	1378.4	1222.2	1378.4	1534.5	1573.6	1566.6	1557.2	1552.5	1281.8
102.5°	1960.4	1927.0	1793.1	1659.4	1793.1	1927.0	1960.4	1838.0	1674.7	1593.1	1318.5
105°	2411.9	2393.9	2322.0	2250.1	2322.0	2393.9	2411.9	2137.5	1771.6	1588.7	1322.8
107.5°	2646.7	2651.1	2668.4	2685.9	2668.4	2651.1	2646.7	2264.0	1753.6	1498.4	1263.9
110°	2707.0	2725.7	2800.6	2875.5	2800.6	2725.7	2707.0	2279.0	1708.3	1423.1	1211.6



TEST NUMBER: P935599

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2668.5	2697.3	2812.3	2927.4	2812.3	2697.3	2668.5	2230.5	1646.5	1354.6	1166.1
115°	2538.4	2578.3	2737.8	2897.3	2737.8	2578.3	2538.4	2116.5	1553.9	1272.6	1113.9
117.5°	2358.5	2402.7	2579.7	2756.6	2579.7	2402.7	2358.5	1977.7	1470.0	1216.1	1081.1
120°	2237.3	2280.3	2452.2	2624.1	2452.2	2280.3	2237.3	1889.4	1425.5	1193.5	1070.1
122.5°	2116.2	2158.5	2328.1	2497.7	2328.1	2158.5	2116.2	1802.9	1385.2	1176.3	1064.3
125°	1955.9	1995.0	2151.2	2307.4	2151.2	1995.0	1955.9	1689.7	1334.9	1157.5	1059.6
127.5°	1827.2	1860.2	1992.0	2123.8	1992.0	1860.2	1827.2	1598.8	1294.0	1141.7	1056.9
130°	1745.9	1776.4	1898.2	2019.9	1898.2	1776.4	1745.9	1542.5	1271.2	1135.6	1058.4
132.5°	1676.7	1703.9	1813.0	1922.0	1813.0	1703.9	1676.7	1494.6	1251.8	1130.3	1059.6
135°	1578.9	1602.3	1696.3	1790.3	1696.3	1602.3	1578.9	1426.4	1223.0	1121.3	1058.6
137.5°	1506.6	1525.8	1602.7	1679.7	1602.7	1525.8	1506.6	1377.6	1205.7	1119.8	1065.1
140°	1448.7	1466.7	1538.6	1610.5	1538.6	1466.7	1448.7	1337.3	1188.8	1114.5	1066.2
142.5°	1408.1	1423.6	1485.4	1547.3	1485.4	1423.6	1408.1	1310.2	1179.8	1114.5	1070.1
145°	1347.1	1358.8	1405.6	1452.4	1405.6	1358.8	1347.1	1267.1	1160.4	1107.0	1070.1
147.5°	1295.9	1305.6	1344.5	1383.2	1344.5	1305.6	1295.9	1233.0	1148.9	1107.0	1077.4
150°	1266.6	1274.4	1305.9	1337.3	1305.9	1274.4	1266.6	1213.4	1142.5	1107.0	1081.2
152.5°	1243.2	1249.1	1272.9	1296.6	1272.9	1249.1	1243.2	1197.8	1137.2	1107.0	1083.7
155°	1215.4	1219.4	1235.1	1250.8	1235.1	1219.4	1215.4	1179.3	1131.1	1107.0	1089.3
157.5°	1191.3	1194.0	1205.0	1216.1	1205.0	1194.0	1191.3	1163.2	1125.7	1107.0	1094.8
160°	1179.3	1180.8	1187.2	1193.5	1187.2	1180.8	1179.3	1155.1	1123.1	1107.0	1097.3
162.5°	1167.9	1169.5	1175.5	1181.5	1175.5	1169.5	1167.9	1147.6	1120.6	1107.0	1100.0
165°	1150.7	1152.2	1158.6	1164.9	1158.6	1152.2	1150.7	1136.2	1116.7	1107.0	1103.8
167.5°	1143.1	1143.8	1146.4	1149.1	1146.4	1143.8	1143.1	1133.6	1120.9	1114.5	1111.8
170°	1143.1	1143.1	1143.1	1143.1	1143.1	1143.1	1143.1	1133.6	1120.9	1114.5	1114.4
172.5°	1137.1	1136.5	1134.2	1131.9	1134.2	1136.5	1137.1	1129.6	1119.6	1114.5	1114.5
175°	1128.9	1128.9	1128.9	1128.9	1128.9	1128.9	1128.9	1124.1	1117.7	1114.5	1116.1
177.5°	1127.3	1126.7	1124.0	1121.3	1124.0	1126.7	1127.3	1123.6	1118.5	1116.0	1117.2
180°	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3



TEST NUMBER: P935599

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1536.3	1536.3	1536.3	1536.3	1536.3
2.5°	1517.5	1524.7	1529.1	1534.9	1549.4
5°	1459.3	1486.9	1495.7	1517.5	1543.6
7.5°	1331.4	1415.7	1439.0	1491.3	1532.0
10°	1207.9	1292.2	1332.9	1456.4	1517.5
12.5°	1145.4	1194.8	1222.4	1395.4	1497.1
15°	1106.1	1141.0	1161.3	1314.0	1473.8
17.5°	1075.6	1100.3	1114.8	1234.0	1441.9
20°	1056.7	1068.3	1081.4	1175.9	1405.5
22.5°	1043.6	1036.3	1046.5	1135.2	1356.1
25°	1034.9	1007.3	1018.9	1103.2	1298.0
27.5°	1042.2	981.1	985.5	1074.1	1236.9
30°	1043.6	949.1	950.6	1043.6	1168.6
32.5°	1033.4	915.7	917.2	1005.8	1091.6
35°	1008.7	876.5	875.0	962.2	986.9
37.5°	975.3	834.3	834.3	914.3	872.1
40°	934.6	792.2	796.5	851.8	770.4
42.5°	885.2	747.1	752.9	768.9	694.8
45°	831.4	703.5	707.9	649.7	636.6
47.5°	771.8	658.4	659.9	539.2	617.7
50°	700.6	611.9	606.1	462.2	616.3
52.5°	638.1	561.1	543.6	418.6	559.6
55°	577.0	507.3	469.5	385.2	518.9
57.5°	523.3	437.5	401.2	345.9	510.2
60°	473.8	369.2	341.6	303.8	468.0
62.5°	433.1	318.3	312.5	274.7	424.4
65°	389.5	283.4	282.0	250.0	360.5
67.5°	347.4	260.2	258.7	226.7	274.7
70°	302.3	235.5	232.6	202.0	203.5
72.5°	255.8	207.9	204.9	181.7	168.6
75°	209.3	175.9	174.4	158.4	136.6
77.5°	164.2	139.5	142.4	127.9	100.3
80°	117.7	101.7	104.7	91.6	75.6
82.5°	78.5	66.9	69.8	58.1	50.9
85°	43.6	37.8	39.2	30.5	23.3
87.5°	20.3	17.4	17.4	11.6	7.3
90°	33.0	21.0	19.6	13.6	7.6
92.5°	204.2	145.3	132.5	81.3	30.1
95°	502.4	282.9	259.5	165.9	72.3
97.5°	676.7	310.8	290.1	207.5	124.9
100°	740.2	334.1	315.4	240.5	165.6
102.5°	769.4	357.5	340.0	270.1	200.2
105°	790.9	392.1	377.2	318.1	258.9
107.5°	795.0	443.2	429.5	374.2	319.1
110°	788.9	471.8	459.3	409.5	359.7



TEST NUMBER: P935599

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	789.2	506.5	494.6	447.1	399.6
115°	796.5	558.4	547.5	503.6	459.8
117.5°	811.2	608.8	598.8	559.1	519.3
120°	823.3	638.2	628.8	591.4	553.9
122.5°	840.6	672.8	663.4	625.6	587.8
125°	864.0	717.2	708.5	674.1	639.6
127.5°	887.3	760.1	751.4	716.6	681.8
130°	904.3	788.7	779.3	741.9	704.4
132.5°	918.1	812.0	802.6	765.2	727.7
135°	933.1	839.1	830.5	796.4	762.3
137.5°	955.7	873.7	865.3	831.5	797.7
140°	969.5	897.0	889.3	858.1	827.0
142.5°	981.1	914.3	907.2	878.4	849.6
145°	996.1	940.7	934.4	909.3	884.2
147.5°	1018.2	973.8	967.7	943.3	918.9
150°	1029.8	991.1	985.6	963.6	941.5
152.5°	1037.3	1002.4	998.3	981.5	964.7
155°	1053.8	1027.2	1024.1	1011.8	999.4
157.5°	1070.4	1052.0	1049.0	1037.0	1025.0
160°	1077.9	1063.4	1061.1	1051.7	1042.3
162.5°	1086.0	1075.4	1073.7	1066.6	1059.6
165°	1097.5	1092.7	1091.2	1084.8	1078.4
167.5°	1106.5	1102.5	1101.8	1098.7	1095.7
170°	1114.1	1113.8	1113.0	1110.0	1107.0
172.5°	1114.5	1114.5	1114.4	1113.7	1113.0
175°	1119.1	1121.3	1121.3	1121.3	1121.3
177.5°	1119.6	1121.3	1121.3	1121.3	1121.3
180°	1121.3	1121.3	1121.3	1121.3	1121.3



TEST NUMBER: P935599  
 CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-6

**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	11.10	11.85	12.18	12.92	14.39	13.93	14.67	15.00	15.75	17.21
	3H	11.57	12.24	12.65	13.32	14.80	15.26	15.93	16.34	17.01	18.49
	4H	11.76	12.39	12.85	13.47	14.96	15.70	16.33	16.79	17.42	18.91
	6H	11.87	12.45	12.97	13.54	15.04	15.98	16.56	17.08	17.65	19.15
	8H	11.87	12.42	12.97	13.52	15.02	16.05	16.60	17.15	17.70	19.20
	12H	11.84	12.36	12.95	13.46	14.98	16.08	16.61	17.19	17.70	19.22
4H	2H	12.12	12.75	13.22	13.84	15.33	14.32	14.96	15.42	16.04	17.53
	3H	13.14	13.66	14.24	14.77	16.28	15.82	16.34	16.92	17.45	18.96
	4H	13.41	13.89	14.52	14.99	16.51	16.34	16.82	17.45	17.92	19.44
	6H	13.53	13.94	14.65	15.06	16.58	16.69	17.11	17.81	18.23	19.75
	8H	13.53	13.92	14.65	15.03	16.56	16.80	17.18	17.92	18.30	19.83
	12H	13.49	13.84	14.63	14.97	16.51	16.85	17.20	17.98	18.33	19.86
8H	4H	13.85	14.24	14.97	15.35	16.89	16.45	16.84	17.57	17.96	19.49
	6H	14.11	14.43	15.25	15.58	17.11	16.88	17.20	18.02	18.36	19.89
	8H	14.15	14.43	15.30	15.57	17.11	17.03	17.31	18.18	18.45	20.00
	12H	14.13	14.37	15.28	15.51	17.09	17.12	17.37	18.27	18.51	20.09
12H	4H	13.85	14.20	14.99	15.33	16.87	16.41	16.76	17.55	17.89	19.43
	6H	14.17	14.45	15.31	15.58	17.13	16.88	17.16	18.03	18.30	19.85
	8H	14.23	14.47	15.38	15.61	17.19	17.03	17.28	18.18	18.41	20.00