

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: P935676

Luminaire Tested: SQ4-FA-125U-100D-940-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

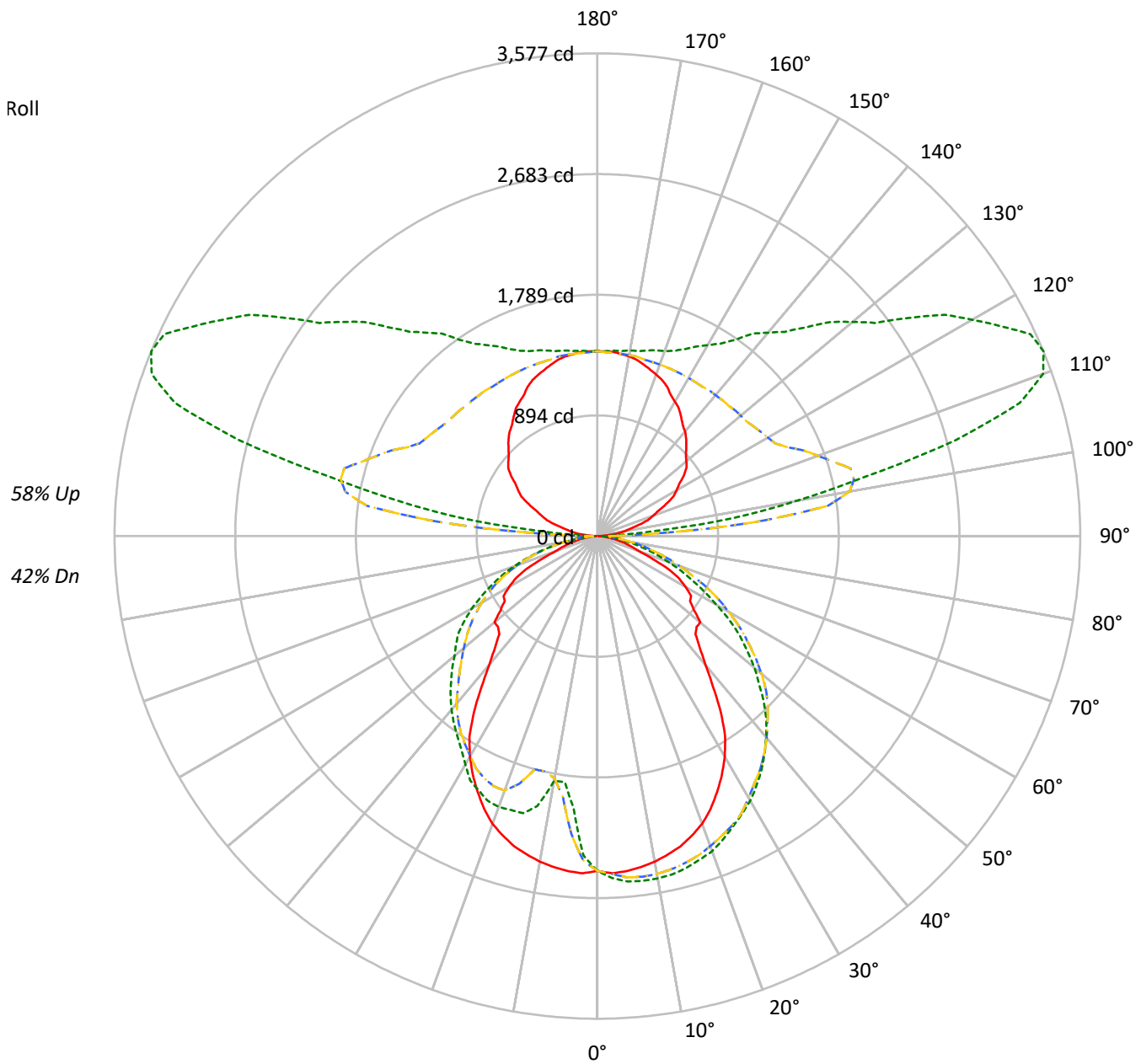
Test Method: LM-79-2019  
Report Number: P935676  
REPORT IS A COMBINATION OF REPORTS P933764 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-100D-940-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 15318.0 lumens  
Efficiency: N/A  
Efficacy: 118.9 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: General Diffuse  
  
Input Watts (W): 128.8  
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	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	43	42	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	38	36	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	34	31	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	30	28	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	27	24	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	24	22	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	22	19	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	20	18	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	19	16	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	17	15	13	11

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	11508	11508	11508	11508
5°	11593	11616	11593	9134
10°	11516	11442	11516	8181
15°	11391	11195	11391	9348
20°	11153	10901	11153	9368
25°	10665	10473	10665	9169
30°	10035	10117	10035	8733
35°	8945	9667	8945	8254
40°	7454	9138	7454	7892
45°	6661	8518	6661	7476
50°	7076	7778	7076	7059
55°	6657	6982	6657	6817
60°	6863	5930	6863	6243
65°	6221	4902	6221	5479
70°	4308	3907	4308	4593
75°	3778	2888	3778	3458
80°	3044	1909	3044	2079
85°	1751	1012	1751	859

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 10208 cd/sqm



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CATALOG NUMBER: SQ4-FA-125U-100D-940-1D-UNV-STD-W-8

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	223.9	1.5
10°-20°	635.7	4.1
20°-30°	982.6	6.4
30°-40°	1173.1	7.7
40°-50°	1179.9	7.7
50°-60°	1026.7	6.7
60°-70°	727.9	4.8
70°-80°	385.1	2.5
80°-90°	101.1	0.7
90°-100°	667.9	4.4
100°-110°	1755.8	11.5
110°-120°	1820.6	11.9
120°-130°	1460.4	9.5
130°-140°	1145.9	7.5
140°-150°	879.5	5.7
150°-160°	633.4	4.1
160°-170°	387.5	2.5
170°-180°	130.9	0.9
0°-30°	1842.2	12.0
0°-40°	3015.3	19.7
0°-60°	5221.9	34.1
0°-90°	6436.1	42.0
90°-120°	4244.3	27.7
90°-150°	7730.1	50.5
90°-180°	8882.0	58.0
0°-180°	15318.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2480	2480	2480	2480	2480	
5°	2492	2569	2492	2020	2492	236
15°	2379	2546	2379	2126	2379	669
25°	2095	2375	2095	2079	2095	962
35°	1593	2119	1593	1809	1593	986
45°	1028	1746	1028	1532	1028	823
55°	838	1288	838	1258	838	770
65°	582	777	582	868	582	556
75°	221	368	221	441	221	232
85°	38	94	38	80	38	51
90°	9	35	9	35	9	9
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	



TEST NUMBER: P935676

CATALOG NUMBER: SQ4-FA-125U-100D-940-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2501.4	2501.4	2515.4	2520.1	2520.1	2513.1	2506.1	2513.1	2534.3	2541.3	2539.0
5°	2492.0	2510.7	2536.6	2541.3	2546.0	2543.6	2539.0	2543.6	2567.1	2571.8	2574.1
7.5°	2473.3	2508.4	2541.3	2548.3	2555.4	2548.3	2546.0	2550.7	2574.1	2578.8	2578.8
10°	2449.7	2499.0	2536.6	2541.3	2548.3	2541.3	2541.3	2550.7	2574.1	2578.8	2581.1
12.5°	2416.9	2485.0	2520.1	2524.9	2534.3	2531.9	2529.6	2539.0	2562.4	2567.1	2567.1
15°	2379.4	2459.1	2492.0	2496.7	2513.1	2508.4	2508.4	2517.8	2543.6	2550.7	2548.3
17.5°	2327.7	2426.3	2463.8	2470.9	2482.6	2480.3	2482.6	2492.0	2515.4	2520.1	2522.5
20°	2269.1	2381.7	2426.3	2433.3	2445.1	2445.1	2445.1	2456.8	2480.3	2489.7	2489.7
22.5°	2189.3	2334.8	2381.7	2386.4	2400.4	2400.4	2405.1	2421.6	2442.7	2445.1	2445.1
25°	2095.4	2283.1	2323.0	2337.1	2351.2	2358.3	2365.3	2374.7	2381.7	2379.4	2381.7
27.5°	1996.8	2217.4	2269.1	2278.4	2297.3	2304.3	2313.7	2316.0	2318.4	2325.4	2320.7
30°	1886.6	2126.0	2203.4	2212.8	2243.3	2248.0	2238.6	2243.3	2255.0	2259.7	2264.4
32.5°	1762.2	1989.8	2135.4	2156.4	2184.6	2170.5	2168.1	2175.2	2194.0	2194.0	2198.7
35°	1593.2	1884.2	2072.0	2090.7	2111.8	2095.4	2104.8	2107.1	2118.9	2126.0	2123.6
37.5°	1407.9	1792.7	2006.3	2020.4	2036.8	2015.7	2029.7	2036.8	2046.1	2041.5	2041.5
40°	1243.6	1649.6	1928.8	1938.2	1952.3	1935.8	1950.0	1954.7	1959.4	1954.7	1952.3
42.5°	1121.6	1492.4	1846.7	1858.4	1849.1	1860.8	1865.5	1874.8	1867.8	1858.4	1858.4
45°	1027.8	1450.1	1757.5	1771.6	1757.5	1776.4	1783.4	1783.4	1762.2	1757.5	1755.2
47.5°	997.3	1365.7	1668.4	1668.4	1661.4	1684.8	1696.5	1680.1	1659.0	1651.9	1651.9
50°	994.9	1271.8	1546.4	1537.0	1569.8	1598.0	1586.2	1569.8	1553.4	1527.5	1527.5
52.5°	903.5	1156.8	1389.1	1424.4	1475.9	1492.4	1473.6	1457.2	1429.1	1417.3	1407.9
55°	837.7	1037.2	1246.0	1316.4	1370.4	1391.5	1356.2	1339.9	1297.6	1290.6	1285.9
57.5°	823.6	863.5	1114.6	1203.8	1269.5	1267.1	1246.0	1215.5	1180.3	1173.2	1170.9
60°	755.6	624.2	973.8	1079.4	1147.5	1140.4	1121.6	1093.5	1060.6	1055.9	1051.2
62.5°	685.2	452.9	814.2	933.9	1030.1	1027.8	1011.3	969.1	945.6	933.9	924.5
65°	581.9	380.2	579.6	776.7	915.2	919.8	884.6	854.2	828.3	814.2	811.9
67.5°	443.5	309.7	391.9	647.6	804.9	800.2	755.6	741.5	708.6	701.6	687.5
70°	328.5	206.5	272.2	525.6	696.9	685.2	650.0	633.6	603.0	586.6	577.2
72.5°	272.2	166.6	199.4	408.3	586.6	572.6	542.0	523.3	497.5	483.3	474.0
75°	220.6	176.0	152.6	302.7	476.3	467.0	438.8	420.0	398.9	380.2	382.5
77.5°	161.9	164.3	122.0	222.9	377.8	363.7	347.3	323.9	314.4	295.7	295.7
80°	122.0	129.0	91.6	152.6	272.2	272.2	258.1	241.7	225.3	215.9	215.9
82.5°	82.1	82.1	68.0	96.2	185.4	178.3	169.0	164.3	154.9	150.2	150.2
85°	37.6	46.9	42.3	58.7	100.9	105.6	105.6	100.9	98.6	93.9	96.2
87.5°	11.7	21.1	25.8	32.9	51.6	54.0	56.3	56.3	56.3	58.7	58.7
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



TEST NUMBER: P935676

CATALOG NUMBER: SQ4-FA-125U-100D-940-1D-UNV-STD-W-8

**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



TEST NUMBER: P935676

CATALOG NUMBER: SQ4-FA-125U-100D-940-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2543.6	2536.6	2543.6	2539.0	2541.3	2534.3	2513.1	2506.1	2513.1	2520.1	2520.1
5°	2574.1	2569.4	2574.1	2574.1	2571.8	2567.1	2543.6	2539.0	2543.6	2546.0	2541.3
7.5°	2583.5	2576.4	2583.5	2578.8	2578.8	2574.1	2550.7	2546.0	2548.3	2555.4	2548.3
10°	2583.5	2576.4	2583.5	2581.1	2578.8	2574.1	2550.7	2541.3	2541.3	2548.3	2541.3
12.5°	2571.8	2567.1	2571.8	2567.1	2567.1	2562.4	2539.0	2529.6	2531.9	2534.3	2524.9
15°	2553.0	2546.0	2553.0	2548.3	2550.7	2543.6	2517.8	2508.4	2508.4	2513.1	2496.7
17.5°	2524.9	2515.4	2524.9	2522.5	2520.1	2515.4	2492.0	2482.6	2480.3	2482.6	2470.9
20°	2492.0	2485.0	2492.0	2489.7	2489.7	2480.3	2456.8	2445.1	2445.1	2445.1	2433.3
22.5°	2440.4	2433.3	2440.4	2445.1	2445.1	2442.7	2421.6	2405.1	2400.4	2400.4	2386.4
25°	2381.7	2374.7	2381.7	2381.7	2379.4	2381.7	2374.7	2365.3	2358.3	2351.2	2337.1
27.5°	2325.4	2320.7	2325.4	2320.7	2325.4	2318.4	2316.0	2313.7	2304.3	2297.3	2278.4
30°	2269.1	2264.4	2269.1	2264.4	2259.7	2255.0	2243.3	2238.6	2248.0	2243.3	2212.8
32.5°	2198.7	2194.0	2198.7	2198.7	2194.0	2194.0	2175.2	2168.1	2170.5	2184.6	2156.4
35°	2126.0	2118.9	2126.0	2123.6	2126.0	2118.9	2107.1	2104.8	2095.4	2111.8	2090.7
37.5°	2041.5	2034.4	2041.5	2041.5	2041.5	2046.1	2036.8	2029.7	2015.7	2036.8	2020.4
40°	1954.7	1945.3	1954.7	1952.3	1954.7	1959.4	1954.7	1950.0	1935.8	1952.3	1938.2
42.5°	1856.1	1853.8	1856.1	1858.4	1858.4	1867.8	1874.8	1865.5	1860.8	1849.1	1858.4
45°	1750.5	1745.8	1750.5	1755.2	1757.5	1762.2	1783.4	1783.4	1776.4	1757.5	1771.6
47.5°	1637.8	1626.1	1637.8	1651.9	1651.9	1659.0	1680.1	1696.5	1684.8	1661.4	1668.4
50°	1518.2	1520.5	1518.2	1527.5	1527.5	1553.4	1569.8	1586.2	1598.0	1569.8	1537.0
52.5°	1400.9	1398.5	1400.9	1407.9	1417.3	1429.1	1457.2	1473.6	1492.4	1475.9	1424.4
55°	1283.5	1288.2	1283.5	1285.9	1290.6	1297.6	1339.9	1356.2	1391.5	1370.4	1316.4
57.5°	1166.2	1159.2	1166.2	1170.9	1173.2	1180.3	1215.5	1246.0	1267.1	1269.5	1203.8
60°	1030.1	1020.8	1030.1	1051.2	1055.9	1060.6	1093.5	1121.6	1140.4	1147.5	1079.4
62.5°	910.5	894.0	910.5	924.5	933.9	945.6	969.1	1011.3	1027.8	1030.1	933.9
65°	783.7	776.7	783.7	811.9	814.2	828.3	854.2	884.6	919.8	915.2	776.7
67.5°	668.8	668.8	668.8	687.5	701.6	708.6	741.5	755.6	800.2	804.9	647.6
70°	563.2	560.9	563.2	577.2	586.6	603.0	633.6	650.0	685.2	696.9	525.6
72.5°	462.3	459.9	462.3	474.0	483.3	497.5	523.3	542.0	572.6	586.6	408.3
75°	373.1	368.4	373.1	382.5	380.2	398.9	420.0	438.8	467.0	476.3	302.7
77.5°	286.3	286.3	286.3	295.7	295.7	314.4	323.9	347.3	363.7	377.8	222.9
80°	213.6	211.2	213.6	215.9	215.9	225.3	241.7	258.1	272.2	272.2	152.6
82.5°	150.2	145.5	150.2	150.2	150.2	154.9	164.3	169.0	178.3	185.4	96.2
85°	93.9	93.9	93.9	96.2	93.9	98.6	100.9	105.6	105.6	100.9	58.7
87.5°	61.0	58.7	61.0	58.7	58.7	56.3	56.3	56.3	54.0	51.6	32.9
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





TEST NUMBER: P935676

CATALOG NUMBER: SQ4-FA-125U-100D-940-1D-UNV-STD-W-8

**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



TEST NUMBER: P935676

CATALOG NUMBER: SQ4-FA-125U-100D-940-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2515.4	2501.4	2501.4	2478.0	2468.6	2461.5	2449.7	2414.6	2405.1	2395.8	2409.9
5°	2536.6	2510.7	2492.0	2449.7	2414.6	2400.4	2355.9	2271.4	2215.1	2172.8	2149.4
7.5°	2541.3	2508.4	2473.3	2407.5	2323.0	2285.5	2149.4	1994.5	1952.3	1914.8	1891.3
10°	2536.6	2499.0	2449.7	2351.2	2151.7	2086.1	1950.0	1849.1	1823.2	1816.2	1823.2
12.5°	2520.1	2485.0	2416.9	2252.7	1973.4	1928.8	1849.1	1790.4	1785.7	1797.4	1860.8
15°	2492.0	2459.1	2379.4	2121.3	1874.8	1842.0	1785.7	1764.5	1790.4	1872.5	2062.6
17.5°	2463.8	2426.3	2327.7	1992.2	1799.8	1776.4	1736.4	1778.7	1924.1	2034.4	2097.8
20°	2426.3	2381.7	2269.1	1898.4	1745.8	1724.7	1705.9	1896.0	2006.3	2046.1	2081.4
22.5°	2381.7	2334.8	2189.3	1832.7	1689.5	1673.1	1684.8	1961.7	2006.3	2034.4	2065.0
25°	2323.0	2283.1	2095.4	1781.0	1644.9	1626.1	1670.7	1954.7	1980.4	1987.5	2048.5
27.5°	2269.1	2217.4	1996.8	1734.1	1590.9	1583.9	1682.5	1924.1	1942.9	1950.0	2015.7
30°	2203.4	2126.0	1886.6	1684.8	1534.6	1532.2	1684.8	1886.6	1881.9	1900.7	1966.4
32.5°	2135.4	1989.8	1762.2	1623.8	1480.7	1478.3	1668.4	1830.3	1825.6	1851.4	1900.7
35°	2072.0	1884.2	1593.2	1553.4	1412.6	1414.9	1628.5	1764.5	1766.9	1790.4	1820.9
37.5°	2006.3	1792.7	1407.9	1475.9	1346.9	1346.9	1574.5	1703.5	1698.9	1705.9	1748.1
40°	1928.8	1649.6	1243.6	1375.1	1285.9	1278.8	1508.8	1637.8	1621.4	1619.1	1677.8
42.5°	1846.7	1492.4	1121.6	1241.3	1215.5	1206.1	1429.1	1558.1	1527.5	1534.6	1609.7
45°	1757.5	1450.1	1027.8	1048.9	1142.8	1135.8	1342.2	1466.5	1445.5	1464.2	1541.7
47.5°	1668.4	1365.7	997.3	870.6	1065.3	1062.9	1246.0	1377.4	1365.7	1384.5	1466.5
50°	1546.4	1271.8	994.9	746.2	978.5	987.9	1131.0	1290.6	1290.6	1307.0	1393.8
52.5°	1389.1	1156.8	903.5	675.8	877.6	905.8	1030.1	1215.5	1220.2	1236.6	1314.1
55°	1246.0	1037.2	837.7	621.9	757.9	818.9	931.6	1138.1	1147.5	1163.9	1234.2
57.5°	1114.6	863.5	823.6	558.5	647.6	706.3	844.8	1062.9	1067.6	1081.8	1149.8
60°	973.8	624.2	755.6	490.4	551.4	596.0	764.9	973.8	990.2	999.6	1058.3
62.5°	814.2	452.9	685.2	443.5	504.5	513.9	699.3	889.3	910.5	917.5	952.6
65°	579.6	380.2	581.9	403.6	455.2	457.6	628.9	802.5	821.3	833.0	858.8
67.5°	391.9	309.7	443.5	366.0	417.7	420.0	560.9	701.6	727.4	736.8	753.2
70°	272.2	206.5	328.5	326.2	375.4	380.2	488.0	610.1	633.6	640.6	650.0
72.5°	199.4	166.6	272.2	293.3	330.9	335.6	413.0	506.9	530.3	537.3	542.0
75°	152.6	176.0	220.6	255.7	281.6	283.9	337.9	413.0	429.4	434.1	436.5
77.5°	122.0	164.3	161.9	206.5	230.0	225.3	265.2	319.1	333.2	333.2	333.2
80°	91.6	129.0	122.0	147.9	169.0	164.3	190.0	227.6	232.3	237.0	234.6
82.5°	68.0	82.1	82.1	93.9	112.6	108.0	126.7	147.9	147.9	147.9	152.6
85°	42.3	46.9	37.6	49.3	63.3	61.0	70.4	79.7	82.1	82.1	77.4
87.5°	25.8	21.1	11.7	18.7	28.1	28.1	32.9	35.2	32.9	32.9	32.9
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: P935676

CATALOG NUMBER: SQ4-FA-125U-100D-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: P935676  
 CATALOG NUMBER: SQ4-FA-125U-100D-940-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2393.4	2386.4	2395.8	2370.0	2395.8	2386.4	2393.4	2409.9	2395.8	2405.1	2414.6
5°	2100.1	2088.4	2050.8	2020.4	2050.8	2088.4	2100.1	2149.4	2172.8	2215.1	2271.4
7.5°	1877.2	1867.8	1858.4	1839.7	1858.4	1867.8	1877.2	1891.3	1914.8	1952.3	1994.5
10°	1827.9	1830.3	1844.4	1842.0	1844.4	1830.3	1827.9	1823.2	1816.2	1823.2	1849.1
12.5°	1954.7	1975.8	2053.2	2048.5	2053.2	1975.8	1954.7	1860.8	1797.4	1785.7	1790.4
15°	2100.1	2107.1	2123.6	2126.0	2123.6	2107.1	2100.1	2062.6	1872.5	1790.4	1764.5
17.5°	2114.2	2116.5	2128.3	2128.3	2128.3	2116.5	2114.2	2097.8	2034.4	1924.1	1778.7
20°	2102.5	2107.1	2130.7	2135.4	2130.7	2107.1	2102.5	2081.4	2046.1	2006.3	1896.0
22.5°	2097.8	2107.1	2126.0	2123.6	2126.0	2107.1	2097.8	2065.0	2034.4	2006.3	1961.7
25°	2074.3	2074.3	2076.7	2079.0	2076.7	2074.3	2074.3	2048.5	1987.5	1980.4	1954.7
27.5°	2025.1	2029.7	2043.8	2041.5	2043.8	2029.7	2025.1	2015.7	1950.0	1942.9	1924.1
30°	1980.4	1975.8	1964.0	1954.7	1964.0	1975.8	1980.4	1966.4	1900.7	1881.9	1886.6
32.5°	1905.4	1893.7	1881.9	1874.8	1881.9	1893.7	1905.4	1900.7	1851.4	1825.6	1830.3
35°	1816.2	1818.5	1816.2	1809.1	1816.2	1818.5	1816.2	1820.9	1790.4	1766.9	1764.5
37.5°	1752.8	1757.5	1755.2	1745.8	1755.2	1757.5	1752.8	1748.1	1705.9	1698.9	1703.5
40°	1687.1	1689.5	1687.1	1680.1	1687.1	1689.5	1687.1	1677.8	1619.1	1621.4	1637.8
42.5°	1623.8	1621.4	1614.4	1609.7	1614.4	1621.4	1623.8	1609.7	1534.6	1527.5	1558.1
45°	1551.1	1553.4	1539.3	1532.2	1539.3	1553.4	1551.1	1541.7	1464.2	1445.5	1466.5
47.5°	1478.3	1478.3	1466.5	1459.5	1466.5	1478.3	1478.3	1466.5	1384.5	1365.7	1377.4
50°	1400.9	1398.5	1382.1	1379.8	1382.1	1398.5	1400.9	1393.8	1307.0	1290.6	1290.6
52.5°	1311.7	1311.7	1314.1	1318.8	1314.1	1311.7	1311.7	1314.1	1236.6	1220.2	1215.5
55°	1234.2	1236.6	1253.1	1257.8	1253.1	1236.6	1234.2	1234.2	1163.9	1147.5	1138.1
57.5°	1154.5	1154.5	1166.2	1166.2	1166.2	1154.5	1154.5	1149.8	1081.8	1067.6	1062.9
60°	1062.9	1067.6	1077.1	1074.7	1077.1	1067.6	1062.9	1058.3	999.6	990.2	973.8
62.5°	966.8	971.5	973.8	969.1	973.8	971.5	966.8	952.6	917.5	910.5	889.3
65°	865.9	870.6	872.9	868.2	872.9	870.6	865.9	858.8	833.0	821.3	802.5
67.5°	762.6	760.3	757.9	767.3	757.9	760.3	762.6	753.2	736.8	727.4	701.6
70°	657.0	657.0	654.6	659.3	654.6	657.0	657.0	650.0	640.6	633.6	610.1
72.5°	544.4	542.0	551.4	544.4	551.4	542.0	544.4	542.0	537.3	530.3	506.9
75°	434.1	438.8	434.1	441.2	434.1	438.8	434.1	436.5	434.1	429.4	413.0
77.5°	330.9	335.6	330.9	330.9	330.9	335.6	330.9	333.2	333.2	333.2	319.1
80°	234.6	232.3	232.3	230.0	232.3	232.3	234.6	234.6	237.0	232.3	227.6
82.5°	150.2	147.9	147.9	152.6	147.9	147.9	150.2	152.6	147.9	147.9	147.9
85°	82.1	84.4	79.7	79.7	79.7	84.4	82.1	77.4	82.1	82.1	79.7
87.5°	30.5	28.1	28.1	28.1	28.1	28.1	30.5	32.9	32.9	32.9	35.2
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



TEST NUMBER: P935676

CATALOG NUMBER: SQ4-FA-125U-100D-940-1D-UNV-STD-W-8

**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



TEST NUMBER: P935676

CATALOG NUMBER: SQ4-FA-125U-100D-940-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2449.7	2461.5	2468.6	2478.0	2501.4
5°	2355.9	2400.4	2414.6	2449.7	2492.0
7.5°	2149.4	2285.5	2323.0	2407.5	2473.3
10°	1950.0	2086.1	2151.7	2351.2	2449.7
12.5°	1849.1	1928.8	1973.4	2252.7	2416.9
15°	1785.7	1842.0	1874.8	2121.3	2379.4
17.5°	1736.4	1776.4	1799.8	1992.2	2327.7
20°	1705.9	1724.7	1745.8	1898.4	2269.1
22.5°	1684.8	1673.1	1689.5	1832.7	2189.3
25°	1670.7	1626.1	1644.9	1781.0	2095.4
27.5°	1682.5	1583.9	1590.9	1734.1	1996.8
30°	1684.8	1532.2	1534.6	1684.8	1886.6
32.5°	1668.4	1478.3	1480.7	1623.8	1762.2
35°	1628.5	1414.9	1412.6	1553.4	1593.2
37.5°	1574.5	1346.9	1346.9	1475.9	1407.9
40°	1508.8	1278.8	1285.9	1375.1	1243.6
42.5°	1429.1	1206.1	1215.5	1241.3	1121.6
45°	1342.2	1135.8	1142.8	1048.9	1027.8
47.5°	1246.0	1062.9	1065.3	870.6	997.3
50°	1131.0	987.9	978.5	746.2	994.9
52.5°	1030.1	905.8	877.6	675.8	903.5
55°	931.6	818.9	757.9	621.9	837.7
57.5°	844.8	706.3	647.6	558.5	823.6
60°	764.9	596.0	551.4	490.4	755.6
62.5°	699.3	513.9	504.5	443.5	685.2
65°	628.9	457.6	455.2	403.6	581.9
67.5°	560.9	420.0	417.7	366.0	443.5
70°	488.0	380.2	375.4	326.2	328.5
72.5°	413.0	335.6	330.9	293.3	272.2
75°	337.9	283.9	281.6	255.7	220.6
77.5°	265.2	225.3	230.0	206.5	161.9
80°	190.0	164.3	169.0	147.9	122.0
82.5°	126.7	108.0	112.6	93.9	82.1
85°	70.4	61.0	63.3	49.3	37.6
87.5°	32.9	28.1	28.1	18.7	11.7
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: P935676

CATALOG NUMBER: SQ4-FA-125U-100D-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: P935676  
 CATALOG NUMBER: SQ4-FA-125U-100D-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	12.51	13.30	13.53	14.33	15.72	15.35	16.14	16.37	17.17	18.55
	3H	12.98	13.69	14.01	14.73	16.13	16.69	17.40	17.72	18.44	19.84
	4H	13.17	13.84	14.21	14.89	16.29	17.13	17.81	18.18	18.85	20.26
	6H	13.28	13.90	14.34	14.95	16.37	17.42	18.04	18.47	19.08	20.50
	8H	13.28	13.87	14.34	14.94	16.35	17.49	18.08	18.55	19.14	20.56
	12H	13.25	13.81	14.32	14.87	16.31	17.53	18.09	18.59	19.14	20.58
4H	2H	13.54	14.21	14.59	15.25	16.66	15.75	16.42	16.80	17.46	18.87
	3H	14.56	15.12	15.62	16.19	17.61	17.25	17.81	18.31	18.88	20.30
	4H	14.83	15.34	15.90	16.40	17.85	17.78	18.29	18.84	19.35	20.79
	6H	14.95	15.39	16.03	16.48	17.91	18.14	18.58	19.22	19.67	21.10
	8H	14.95	15.37	16.03	16.44	17.90	18.25	18.66	19.32	19.74	21.19
	12H	14.92	15.29	16.01	16.38	17.84	18.30	18.67	19.39	19.76	21.22
8H	4H	15.28	15.69	16.35	16.77	18.22	17.90	18.31	18.97	19.38	20.84
	6H	15.54	15.88	16.64	17.00	18.45	18.33	18.67	19.43	19.79	21.24
	8H	15.58	15.88	16.68	16.98	18.45	18.48	18.78	19.59	19.88	21.35
	12H	15.56	15.82	16.67	16.92	18.43	18.58	18.84	19.69	19.94	21.45
12H	4H	15.28	15.65	16.38	16.75	18.20	17.86	18.23	18.95	19.32	20.78
	6H	15.60	15.90	16.70	17.00	18.47	18.33	18.63	19.43	19.73	21.20
	8H	15.66	15.92	16.77	17.02	18.53	18.49	18.75	19.60	19.85	21.36