

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: P935752

Luminaire Tested: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935752
REPORT IS A COMBINATION OF REPORTS P933768 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

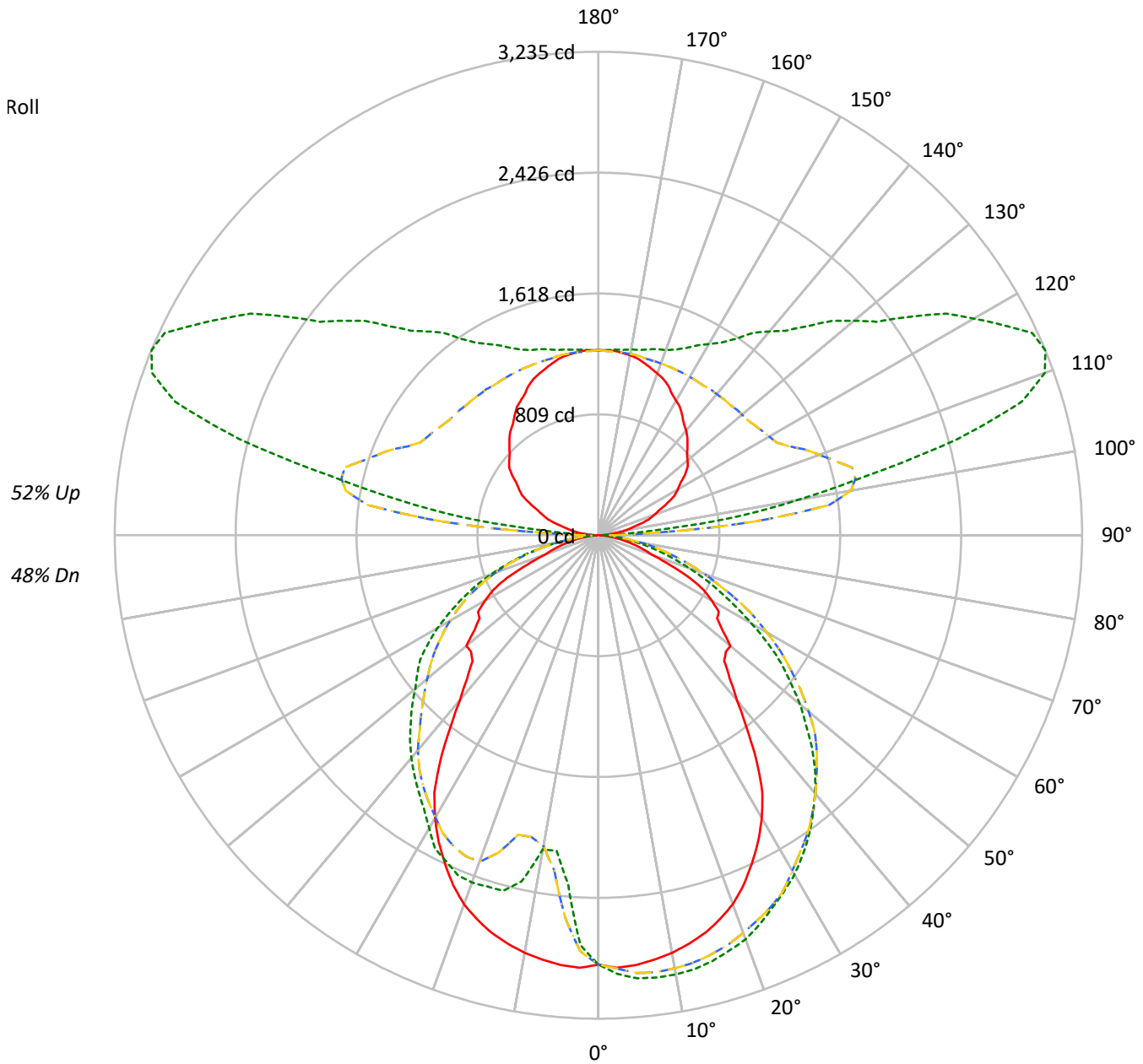
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15484.3 lumens
Efficiency: N/A
Efficacy: 103.0 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): 150.4
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: P935752
CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8

Luminous Intensity Polar Plot



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



TEST NUMBER: P935752

CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									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	50	30	10	0													
RCR																																					
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48	48	48	48													
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41	41	41	41	41													
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34	34	34	34	34													
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29	29	29	29	29													
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25	25	25	25	25													
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21	21	21	21	21													
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19	19	19	19													
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17	17	17	17	17													
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15	15	15	15													
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13	13	13	13	13													
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12	12	12	12	12													

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13327	13327	13327	13327
5°	13427	13453	13427	10579
10°	13337	13252	13337	9474
15°	13192	12965	13192	10826
20°	12916	12625	12916	10849
25°	12351	12129	12351	10619
30°	11622	11717	11622	10114
35°	10360	11196	10360	9559
40°	8633	10583	8633	9140
45°	7714	9865	7714	8658
50°	8194	9009	8194	8175
55°	7710	8086	7710	7895
60°	7947	6868	7947	7230
65°	7206	5677	7206	6346
70°	4990	4524	4990	5320
75°	4374	3344	4374	4005
80°	3525	2211	3525	2408
85°	2022	1171	2022	995

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11822 cd/sqm



TEST NUMBER: P935752

CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	259.3	1.7
10°-20°	736.2	4.8
20°-30°	1138.0	7.3
30°-40°	1358.6	8.8
40°-50°	1366.5	8.8
50°-60°	1189.0	7.7
60°-70°	843.1	5.4
70°-80°	446.0	2.9
80°-90°	115.8	0.7
90°-100°	603.9	3.9
100°-110°	1587.8	10.3
110°-120°	1646.3	10.6
120°-130°	1320.6	8.5
130°-140°	1036.2	6.7
140°-150°	795.3	5.1
150°-160°	572.7	3.7
160°-170°	350.4	2.3
170°-180°	118.4	0.8
0°-30°	2133.5	13.8
0°-40°	3492.1	22.6
0°-60°	6047.7	39.1
0°-90°	7452.6	48.1
90°-120°	3838.1	24.8
90°-150°	6990.1	45.1
90°-180°	8032.0	51.9
0°-180°	15484.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2872	2872	2872	2872	2872	
5°	2886	2976	2886	2340	2886	274
15°	2756	2948	2756	2462	2756	775
25°	2427	2750	2427	2408	2427	1114
35°	1845	2454	1845	2095	1845	1142
45°	1190	2022	1190	1774	1190	953
55°	970	1492	970	1457	970	891
65°	674	900	674	1006	674	644
75°	255	427	255	511	255	269
85°	43	109	43	92	43	59
90°	8	32	8	32	8	9
95°	80	365	80	365	80	89
105°	286	2486	286	2486	286	303
115°	508	3201	508	3201	508	502
125°	707	2549	707	2549	707	628
135°	842	1978	842	1978	842	652
145°	977	1605	977	1605	977	612
155°	1104	1382	1104	1382	1104	507
165°	1192	1287	1192	1287	1192	336
175°	1239	1247	1239	1247	1239	118
180°	1239	1239	1239	1239	1239	



TEST NUMBER: P935752

CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5
2.5°	2896.9	2896.9	2913.2	2918.7	2918.7	2910.6	2902.4	2910.6	2935.0	2943.2	2940.4
5°	2886.1	2907.8	2937.7	2943.2	2948.5	2945.9	2940.4	2945.9	2973.0	2978.5	2981.2
7.5°	2864.3	2905.1	2943.2	2951.3	2959.5	2951.3	2948.5	2954.0	2981.2	2986.6	2986.6
10°	2837.2	2894.3	2937.7	2943.2	2951.3	2943.2	2943.2	2954.0	2981.2	2986.6	2989.3
12.5°	2799.1	2877.9	2918.7	2924.1	2935.0	2932.2	2929.6	2940.4	2967.6	2973.0	2973.0
15°	2755.7	2848.0	2886.1	2891.5	2910.6	2905.1	2905.1	2915.9	2945.9	2954.0	2951.3
17.5°	2695.8	2809.9	2853.5	2861.6	2875.2	2872.5	2875.2	2886.1	2913.2	2918.7	2921.4
20°	2627.9	2758.3	2809.9	2818.1	2831.7	2831.7	2831.7	2845.3	2872.5	2883.3	2883.3
22.5°	2535.5	2704.0	2758.3	2763.8	2780.1	2780.1	2785.5	2804.6	2829.0	2831.7	2831.7
25°	2426.8	2644.2	2690.4	2706.7	2723.0	2731.2	2739.4	2750.2	2758.3	2755.7	2758.3
27.5°	2312.6	2568.1	2627.9	2638.7	2660.5	2668.7	2679.5	2682.3	2685.0	2693.1	2687.6
30°	2185.0	2462.2	2551.8	2562.7	2598.0	2603.4	2592.6	2598.0	2611.6	2617.1	2622.4
32.5°	2040.9	2304.5	2473.0	2497.5	2530.1	2513.8	2511.1	2519.2	2540.9	2540.9	2546.4
35°	1845.2	2182.2	2399.6	2421.4	2445.8	2426.8	2437.7	2440.4	2454.0	2462.2	2459.4
37.5°	1630.6	2076.2	2323.6	2339.9	2358.9	2334.4	2350.7	2358.9	2369.7	2364.3	2364.3
40°	1440.3	1910.4	2233.9	2244.7	2261.0	2242.0	2258.3	2263.7	2269.2	2263.7	2261.0
42.5°	1299.0	1728.4	2138.7	2152.3	2141.4	2155.0	2160.5	2171.3	2163.2	2152.3	2152.3
45°	1190.3	1679.5	2035.4	2051.7	2035.4	2057.2	2065.4	2065.4	2040.9	2035.4	2032.7
47.5°	1155.0	1581.6	1932.2	1932.2	1924.1	1951.2	1964.8	1945.7	1921.3	1913.1	1913.1
50°	1152.2	1472.9	1790.9	1780.0	1818.1	1850.7	1837.1	1818.1	1799.0	1769.2	1769.2
52.5°	1046.2	1339.7	1608.8	1649.6	1709.3	1728.4	1706.6	1687.6	1655.0	1641.4	1630.6
55°	970.2	1201.2	1443.1	1524.6	1587.0	1611.5	1570.7	1551.7	1502.8	1494.7	1489.2
57.5°	953.9	1000.1	1290.8	1394.1	1470.2	1467.5	1443.1	1407.7	1366.9	1358.8	1356.1
60°	875.0	722.9	1127.8	1250.1	1328.9	1320.8	1299.0	1266.4	1228.3	1222.9	1217.5
62.5°	793.5	524.5	943.0	1081.6	1193.0	1190.3	1171.3	1122.4	1095.2	1081.6	1070.7
65°	674.0	440.3	671.2	899.5	1059.9	1065.3	1024.5	989.2	959.3	943.0	940.3
67.5°	513.6	358.7	453.9	750.1	932.1	926.7	875.0	858.7	820.7	812.6	796.3
70°	380.5	239.1	315.3	608.8	807.1	793.5	752.7	733.8	698.4	679.4	668.5
72.5°	315.3	193.0	231.0	472.9	679.4	663.1	627.8	606.0	576.2	559.9	548.9
75°	255.4	203.8	176.7	350.6	551.7	540.8	508.2	486.5	462.0	440.3	442.9
77.5°	187.5	190.2	141.3	258.2	437.6	421.3	402.2	375.0	364.2	342.4	342.4
80°	141.3	149.4	106.0	176.7	315.3	315.3	299.0	279.9	260.9	250.1	250.1
82.5°	95.1	95.1	78.8	111.5	214.7	206.5	195.7	190.2	179.4	173.9	173.9
85°	43.4	54.4	48.9	67.9	116.8	122.3	122.3	116.8	114.1	108.7	111.5
87.5°	13.6	24.5	29.9	38.1	59.8	62.5	65.2	65.2	65.2	67.9	67.9
90°	8.4	15.0	21.6	23.3	36.6	54.4	63.2	56.1	42.1	31.6	31.6
92.5°	33.2	89.8	146.4	160.5	225.6	312.4	355.9	311.9	224.0	158.0	151.7
95°	79.8	183.3	286.8	312.7	555.2	878.6	1040.2	928.3	704.3	536.3	517.3
97.5°	138.0	229.3	320.6	343.4	747.8	1287.0	1556.6	1485.9	1344.3	1238.1	1201.9
100°	182.9	265.7	348.5	369.2	817.9	1416.3	1715.4	1720.6	1730.9	1738.7	1695.6
102.5°	221.1	298.4	375.6	395.0	850.1	1457.0	1760.3	1850.5	2030.9	2166.1	2129.2
105°	286.0	351.5	416.8	433.2	873.9	1461.5	1755.4	1957.5	2361.8	2665.0	2645.2
107.5°	352.6	413.5	474.5	489.7	878.3	1396.5	1655.5	1937.6	2501.5	2924.4	2929.3
110°	397.5	452.6	507.7	521.4	871.7	1338.8	1572.4	1887.7	2518.1	2990.9	3011.7



TEST NUMBER: P935752

CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	441.6	494.0	546.5	559.6	872.0	1288.5	1496.7	1819.4	2464.6	2948.5	2980.3
115°	508.1	556.5	604.8	616.9	880.0	1230.8	1406.1	1716.9	2338.5	2804.7	2848.8
117.5°	573.7	617.7	661.7	672.7	896.4	1194.6	1343.7	1624.2	2185.2	2606.0	2654.9
120°	612.0	653.4	694.8	705.1	909.6	1182.4	1318.8	1575.1	2087.6	2472.1	2519.6
122.5°	649.4	691.1	732.9	743.3	928.7	1176.0	1299.7	1530.4	1992.1	2338.3	2385.1
125°	706.8	744.9	782.9	792.4	954.5	1170.8	1278.9	1475.0	1867.1	2161.1	2204.2
127.5°	753.4	791.8	830.2	839.9	980.4	1167.7	1261.4	1429.7	1766.4	2018.9	2055.3
130°	778.3	819.7	861.1	871.4	999.2	1169.6	1254.8	1404.6	1704.4	1929.1	1962.8
132.5°	804.0	845.5	886.8	897.2	1014.4	1170.8	1248.9	1383.1	1651.4	1852.6	1882.7
135°	842.3	880.0	917.7	927.1	1031.1	1169.6	1238.9	1351.3	1576.0	1744.5	1770.5
137.5°	881.4	918.7	956.1	965.4	1056.0	1176.9	1237.3	1332.3	1522.2	1664.7	1686.0
140°	913.8	948.2	982.6	991.1	1071.3	1178.1	1231.5	1313.5	1477.6	1600.7	1620.5
142.5°	938.8	970.6	1002.3	1010.3	1084.0	1182.3	1231.5	1303.5	1447.6	1555.7	1572.8
145°	977.0	1004.7	1032.5	1039.4	1100.7	1182.3	1223.1	1282.1	1400.0	1488.4	1501.4
147.5°	1015.3	1042.3	1069.3	1076.0	1125.1	1190.4	1223.1	1269.5	1362.3	1431.9	1442.6
150°	1040.2	1064.6	1089.0	1095.1	1137.8	1194.7	1223.1	1262.3	1340.7	1399.5	1408.1
152.5°	1066.0	1084.5	1102.9	1107.6	1146.1	1197.4	1223.1	1256.6	1323.5	1373.7	1380.3
155°	1104.3	1117.9	1131.6	1135.0	1164.4	1203.5	1223.1	1249.8	1303.0	1342.9	1347.3
157.5°	1132.6	1145.8	1159.1	1162.4	1182.7	1209.6	1223.1	1243.8	1285.2	1316.3	1319.3
160°	1151.7	1162.0	1172.4	1174.9	1191.0	1212.4	1223.1	1240.9	1276.4	1302.9	1304.7
162.5°	1170.8	1178.5	1186.3	1188.2	1199.8	1215.3	1223.1	1238.1	1268.0	1290.5	1292.2
165°	1191.6	1198.6	1205.6	1207.4	1212.6	1219.6	1223.1	1233.9	1255.3	1271.4	1273.2
167.5°	1210.7	1214.0	1217.3	1218.2	1222.6	1228.5	1231.5	1238.5	1252.5	1263.0	1263.8
170°	1223.1	1226.5	1229.9	1230.7	1230.9	1231.3	1231.5	1238.5	1252.5	1263.0	1263.0
172.5°	1229.8	1230.5	1231.3	1231.5	1231.5	1231.5	1231.5	1237.0	1248.1	1256.5	1255.8
175°	1238.9	1238.9	1238.9	1238.9	1236.5	1233.2	1231.5	1235.0	1242.0	1247.3	1247.3
177.5°	1238.9	1238.9	1238.9	1238.9	1237.0	1234.5	1233.2	1235.9	1241.4	1245.6	1244.9
180°	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9



TEST NUMBER: P935752

CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5
2.5°	2945.9	2937.7	2945.9	2940.4	2943.2	2935.0	2910.6	2902.4	2910.6	2918.7	2918.7
5°	2981.2	2975.8	2981.2	2981.2	2978.5	2973.0	2945.9	2940.4	2945.9	2948.5	2943.2
7.5°	2992.1	2983.9	2992.1	2986.6	2986.6	2981.2	2954.0	2948.5	2951.3	2959.5	2951.3
10°	2992.1	2983.9	2992.1	2989.3	2986.6	2981.2	2954.0	2943.2	2943.2	2951.3	2943.2
12.5°	2978.5	2973.0	2978.5	2973.0	2973.0	2967.6	2940.4	2929.6	2932.2	2935.0	2924.1
15°	2956.7	2948.5	2956.7	2951.3	2954.0	2945.9	2915.9	2905.1	2905.1	2910.6	2891.5
17.5°	2924.1	2913.2	2924.1	2921.4	2918.7	2913.2	2886.1	2875.2	2872.5	2875.2	2861.6
20°	2886.1	2877.9	2886.1	2883.3	2883.3	2872.5	2845.3	2831.7	2831.7	2831.7	2818.1
22.5°	2826.2	2818.1	2826.2	2831.7	2831.7	2829.0	2804.6	2785.5	2780.1	2780.1	2763.8
25°	2758.3	2750.2	2758.3	2758.3	2755.7	2758.3	2750.2	2739.4	2731.2	2723.0	2706.7
27.5°	2693.1	2687.6	2693.1	2687.6	2693.1	2685.0	2682.3	2679.5	2668.7	2660.5	2638.7
30°	2627.9	2622.4	2627.9	2622.4	2617.1	2611.6	2598.0	2592.6	2603.4	2598.0	2562.7
32.5°	2546.4	2540.9	2546.4	2546.4	2540.9	2540.9	2519.2	2511.1	2513.8	2530.1	2497.5
35°	2462.2	2454.0	2462.2	2459.4	2462.2	2454.0	2440.4	2437.7	2426.8	2445.8	2421.4
37.5°	2364.3	2356.2	2364.3	2364.3	2364.3	2369.7	2358.9	2350.7	2334.4	2358.9	2339.9
40°	2263.7	2252.9	2263.7	2261.0	2263.7	2269.2	2263.7	2258.3	2242.0	2261.0	2244.7
42.5°	2149.6	2146.9	2149.6	2152.3	2152.3	2163.2	2171.3	2160.5	2155.0	2141.4	2152.3
45°	2027.3	2021.9	2027.3	2032.7	2035.4	2040.9	2065.4	2065.4	2057.2	2035.4	2051.7
47.5°	1896.8	1883.3	1896.8	1913.1	1913.1	1921.3	1945.7	1964.8	1951.2	1924.1	1932.2
50°	1758.2	1761.0	1758.2	1769.2	1769.2	1799.0	1818.1	1837.1	1850.7	1818.1	1780.0
52.5°	1622.4	1619.7	1622.4	1630.6	1641.4	1655.0	1687.6	1706.6	1728.4	1709.3	1649.6
55°	1486.5	1492.0	1486.5	1489.2	1494.7	1502.8	1551.7	1570.7	1611.5	1587.0	1524.6
57.5°	1350.6	1342.5	1350.6	1356.1	1358.8	1366.9	1407.7	1443.1	1467.5	1470.2	1394.1
60°	1193.0	1182.2	1193.0	1217.5	1222.9	1228.3	1266.4	1299.0	1320.8	1328.9	1250.1
62.5°	1054.4	1035.4	1054.4	1070.7	1081.6	1095.2	1122.4	1171.3	1190.3	1193.0	1081.6
65°	907.6	899.5	907.6	940.3	943.0	959.3	989.2	1024.5	1065.3	1059.9	899.5
67.5°	774.5	774.5	774.5	796.3	812.6	820.7	858.7	875.0	926.7	932.1	750.1
70°	652.2	649.5	652.2	668.5	679.4	698.4	733.8	752.7	793.5	807.1	608.8
72.5°	535.4	532.6	535.4	548.9	559.9	576.2	606.0	627.8	663.1	679.4	472.9
75°	432.1	426.6	432.1	442.9	440.3	462.0	486.5	508.2	540.8	551.7	350.6
77.5°	331.6	331.6	331.6	342.4	342.4	364.2	375.0	402.2	421.3	437.6	258.2
80°	247.3	244.6	247.3	250.1	250.1	260.9	279.9	299.0	315.3	315.3	176.7
82.5°	173.9	168.5	173.9	173.9	173.9	179.4	190.2	195.7	206.5	214.7	111.5
85°	108.7	108.7	108.7	111.5	108.7	114.1	116.8	122.3	122.3	116.8	67.9
87.5°	70.7	67.9	70.7	67.9	67.9	65.2	65.2	65.2	62.5	59.8	38.1
90°	31.6	31.6	31.6	31.6	31.6	42.1	56.1	63.2	54.4	36.6	23.3
92.5°	126.6	101.4	126.6	151.7	158.0	224.0	311.9	355.9	312.4	225.6	160.5
95°	441.2	365.0	441.2	517.3	536.3	704.3	928.3	1040.2	878.6	555.2	312.7
97.5°	1057.1	912.2	1057.1	1201.9	1238.1	1344.3	1485.9	1556.6	1287.0	747.8	343.4
100°	1523.0	1350.4	1523.0	1695.6	1738.7	1730.9	1720.6	1715.4	1416.3	817.9	369.2
102.5°	1981.3	1833.5	1981.3	2129.2	2166.1	2030.9	1850.5	1760.3	1457.0	850.1	395.0
105°	2565.7	2486.2	2565.7	2645.2	2665.0	2361.8	1957.5	1755.4	1461.5	873.9	433.2
107.5°	2948.5	2967.6	2948.5	2929.3	2924.4	2501.5	1937.6	1655.5	1396.5	878.3	489.7
110°	3094.4	3177.2	3094.4	3011.7	2990.9	2518.1	1887.7	1572.4	1338.8	871.7	521.4



TEST NUMBER: P935752

CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3107.4	3234.6	3107.4	2980.3	2948.5	2464.6	1819.4	1496.7	1288.5	872.0	559.6
115°	3025.1	3201.3	3025.1	2848.8	2804.7	2338.5	1716.9	1406.1	1230.8	880.0	616.9
117.5°	2850.3	3045.9	2850.3	2654.9	2606.0	2185.2	1624.2	1343.7	1194.6	896.4	672.7
120°	2709.6	2899.5	2709.6	2519.6	2472.1	2087.6	1575.1	1318.8	1182.4	909.6	705.1
122.5°	2572.5	2759.8	2572.5	2385.1	2338.3	1992.1	1530.4	1299.7	1176.0	928.7	743.3
125°	2376.9	2549.4	2376.9	2204.2	2161.1	1867.1	1475.0	1278.9	1170.8	954.5	792.4
127.5°	2200.9	2346.5	2200.9	2055.3	2018.9	1766.4	1429.7	1261.4	1167.7	980.4	839.9
130°	2097.3	2231.8	2097.3	1962.8	1929.1	1704.4	1404.6	1254.8	1169.6	999.2	871.4
132.5°	2003.2	2123.7	2003.2	1882.7	1852.6	1651.4	1383.1	1248.9	1170.8	1014.4	897.2
135°	1874.4	1978.2	1874.4	1770.5	1744.5	1576.0	1351.3	1238.9	1169.6	1031.1	927.1
137.5°	1770.9	1856.0	1770.9	1686.0	1664.7	1522.2	1332.3	1237.3	1176.9	1056.0	965.4
140°	1700.0	1779.4	1700.0	1620.5	1600.7	1477.6	1313.5	1231.5	1178.1	1071.3	991.1
142.5°	1641.2	1709.6	1641.2	1572.8	1555.7	1447.6	1303.5	1231.5	1182.3	1084.0	1010.3
145°	1553.1	1604.8	1553.1	1501.4	1488.4	1400.0	1282.1	1223.1	1182.3	1100.7	1039.4
147.5°	1485.5	1528.3	1485.5	1442.6	1431.9	1362.3	1269.5	1223.1	1190.4	1125.1	1076.0
150°	1442.9	1477.6	1442.9	1408.1	1399.5	1340.7	1262.3	1223.1	1194.7	1137.8	1095.1
152.5°	1406.5	1432.7	1406.5	1380.3	1373.7	1323.5	1256.6	1223.1	1197.4	1146.1	1107.6
155°	1364.6	1382.0	1364.6	1347.3	1342.9	1303.0	1249.8	1223.1	1203.5	1164.4	1135.0
157.5°	1331.5	1343.7	1331.5	1319.3	1316.3	1285.2	1243.8	1223.1	1209.6	1182.7	1162.4
160°	1311.7	1318.8	1311.7	1304.7	1302.9	1276.4	1240.9	1223.1	1212.4	1191.0	1174.9
162.5°	1298.9	1305.5	1298.9	1292.2	1290.5	1268.0	1238.1	1223.1	1215.3	1199.8	1188.2
165°	1280.1	1287.2	1280.1	1273.2	1271.4	1255.3	1233.9	1223.1	1219.6	1212.6	1207.4
167.5°	1266.7	1269.7	1266.7	1263.8	1263.0	1252.5	1238.5	1231.5	1228.5	1222.6	1218.2
170°	1263.0	1263.0	1263.0	1263.0	1263.0	1252.5	1238.5	1231.5	1231.3	1230.9	1230.7
172.5°	1253.2	1250.6	1253.2	1255.8	1256.5	1248.1	1237.0	1231.5	1231.5	1231.5	1231.5
175°	1247.3	1247.3	1247.3	1247.3	1247.3	1242.0	1235.0	1231.5	1233.2	1236.5	1238.9
177.5°	1241.9	1238.9	1241.9	1244.9	1245.6	1241.4	1235.9	1233.2	1234.5	1237.0	1238.9
180°	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9



TEST NUMBER: P935752

CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5
2.5°	2913.2	2896.9	2896.9	2869.8	2858.9	2850.7	2837.2	2796.4	2785.5	2774.6	2791.0
5°	2937.7	2907.8	2886.1	2837.2	2796.4	2780.1	2728.4	2630.6	2565.4	2516.4	2489.3
7.5°	2943.2	2905.1	2864.3	2788.3	2690.4	2646.9	2489.3	2309.9	2261.0	2217.6	2190.3
10°	2937.7	2894.3	2837.2	2723.0	2492.0	2415.9	2258.3	2141.4	2111.6	2103.4	2111.6
12.5°	2918.7	2877.9	2799.1	2608.9	2285.5	2233.9	2141.4	2073.5	2068.0	2081.7	2155.0
15°	2886.1	2848.0	2755.7	2456.7	2171.3	2133.3	2068.0	2043.6	2073.5	2168.7	2388.8
17.5°	2853.5	2809.9	2695.8	2307.3	2084.3	2057.2	2011.0	2059.9	2228.4	2356.2	2429.5
20°	2809.9	2758.3	2627.9	2198.5	2021.9	1997.4	1975.7	2195.8	2323.6	2369.7	2410.5
22.5°	2758.3	2704.0	2535.5	2122.4	1956.7	1937.6	1951.2	2271.9	2323.6	2356.2	2391.5
25°	2690.4	2644.2	2426.8	2062.7	1905.0	1883.3	1934.9	2263.7	2293.6	2301.8	2372.5
27.5°	2627.9	2568.1	2312.6	2008.3	1842.5	1834.4	1948.5	2228.4	2250.2	2258.3	2334.4
30°	2551.8	2462.2	2185.0	1951.2	1777.3	1774.5	1951.2	2185.0	2179.5	2201.3	2277.3
32.5°	2473.0	2304.5	2040.9	1880.5	1714.8	1712.1	1932.2	2119.7	2114.3	2144.2	2201.3
35°	2399.6	2182.2	1845.2	1799.0	1636.0	1638.7	1886.0	2043.6	2046.4	2073.5	2108.8
37.5°	2323.6	2076.2	1630.6	1709.3	1559.9	1559.9	1823.5	1973.0	1967.5	1975.7	2024.6
40°	2233.9	1910.4	1440.3	1592.5	1489.2	1481.1	1747.4	1896.8	1877.8	1875.2	1943.1
42.5°	2138.7	1728.4	1299.0	1437.6	1407.7	1396.8	1655.0	1804.5	1769.2	1777.3	1864.2
45°	2035.4	1679.5	1190.3	1214.8	1323.4	1315.3	1554.4	1698.5	1674.0	1695.8	1785.5
47.5°	1932.2	1581.6	1155.0	1008.2	1233.8	1231.1	1443.1	1595.2	1581.6	1603.4	1698.5
50°	1790.9	1472.9	1152.2	864.2	1133.2	1144.1	1309.9	1494.7	1494.7	1513.7	1614.3
52.5°	1608.8	1339.7	1046.2	782.7	1016.4	1049.0	1193.0	1407.7	1413.1	1432.2	1521.8
55°	1443.1	1201.2	970.2	720.1	877.8	948.4	1078.9	1318.0	1328.9	1347.9	1429.4
57.5°	1290.8	1000.1	953.9	646.8	750.1	818.0	978.3	1231.1	1236.5	1252.8	1331.6
60°	1127.8	722.9	875.0	568.0	638.6	690.3	885.9	1127.8	1146.8	1157.7	1225.6
62.5°	943.0	524.5	793.5	513.6	584.3	595.2	809.8	1029.9	1054.4	1062.6	1103.3
65°	671.2	440.3	674.0	467.4	527.2	529.9	728.3	929.4	951.2	964.7	994.6
67.5°	453.9	358.7	513.6	423.9	483.7	486.5	649.5	812.6	842.4	853.3	872.4
70°	315.3	239.1	380.5	377.7	434.8	440.3	565.2	706.6	733.8	741.9	752.7
72.5°	231.0	193.0	315.3	339.7	383.2	388.7	478.3	587.0	614.1	622.3	627.8
75°	176.7	203.8	255.4	296.2	326.1	328.8	391.3	478.3	497.3	502.8	505.5
77.5°	141.3	190.2	187.5	239.1	266.4	260.9	307.1	369.6	385.9	385.9	385.9
80°	106.0	149.4	141.3	171.2	195.7	190.2	220.1	263.6	269.0	274.5	271.7
82.5°	78.8	95.1	95.1	108.7	130.4	125.0	146.8	171.2	171.2	171.2	176.7
85°	48.9	54.4	43.4	57.1	73.4	70.7	81.5	92.4	95.1	95.1	89.7
87.5°	29.9	24.5	13.6	21.8	32.6	32.6	38.1	40.8	38.1	38.1	38.1
90°	21.6	15.0	8.4	15.0	21.6	23.3	36.6	54.4	63.2	56.1	42.1
92.5°	146.4	89.8	33.2	89.8	146.4	160.5	225.6	312.4	355.9	311.9	224.0
95°	286.8	183.3	79.8	183.3	286.8	312.7	555.2	878.6	1040.2	928.3	704.3
97.5°	320.6	229.3	138.0	229.3	320.6	343.4	747.8	1287.0	1556.6	1485.9	1344.3
100°	348.5	265.7	182.9	265.7	348.5	369.2	817.9	1416.3	1715.4	1720.6	1730.9
102.5°	375.6	298.4	221.1	298.4	375.6	395.0	850.1	1457.0	1760.3	1850.5	2030.9
105°	416.8	351.5	286.0	351.5	416.8	433.2	873.9	1461.5	1755.4	1957.5	2361.8
107.5°	474.5	413.5	352.6	413.5	474.5	489.7	878.3	1396.5	1655.5	1937.6	2501.5
110°	507.7	452.6	397.5	452.6	507.7	521.4	871.7	1338.8	1572.4	1887.7	2518.1



TEST NUMBER: P935752

CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	546.5	494.0	441.6	494.0	546.5	559.6	872.0	1288.5	1496.7	1819.4	2464.6
115°	604.8	556.5	508.1	556.5	604.8	616.9	880.0	1230.8	1406.1	1716.9	2338.5
117.5°	661.7	617.7	573.7	617.7	661.7	672.7	896.4	1194.6	1343.7	1624.2	2185.2
120°	694.8	653.4	612.0	653.4	694.8	705.1	909.6	1182.4	1318.8	1575.1	2087.6
122.5°	732.9	691.1	649.4	691.1	732.9	743.3	928.7	1176.0	1299.7	1530.4	1992.1
125°	782.9	744.9	706.8	744.9	782.9	792.4	954.5	1170.8	1278.9	1475.0	1867.1
127.5°	830.2	791.8	753.4	791.8	830.2	839.9	980.4	1167.7	1261.4	1429.7	1766.4
130°	861.1	819.7	778.3	819.7	861.1	871.4	999.2	1169.6	1254.8	1404.6	1704.4
132.5°	886.8	845.5	804.0	845.5	886.8	897.2	1014.4	1170.8	1248.9	1383.1	1651.4
135°	917.7	880.0	842.3	880.0	917.7	927.1	1031.1	1169.6	1238.9	1351.3	1576.0
137.5°	956.1	918.7	881.4	918.7	956.1	965.4	1056.0	1176.9	1237.3	1332.3	1522.2
140°	982.6	948.2	913.8	948.2	982.6	991.1	1071.3	1178.1	1231.5	1313.5	1477.6
142.5°	1002.3	970.6	938.8	970.6	1002.3	1010.3	1084.0	1182.3	1231.5	1303.5	1447.6
145°	1032.5	1004.7	977.0	1004.7	1032.5	1039.4	1100.7	1182.3	1223.1	1282.1	1400.0
147.5°	1069.3	1042.3	1015.3	1042.3	1069.3	1076.0	1125.1	1190.4	1223.1	1269.5	1362.3
150°	1089.0	1064.6	1040.2	1064.6	1089.0	1095.1	1137.8	1194.7	1223.1	1262.3	1340.7
152.5°	1102.9	1084.5	1066.0	1084.5	1102.9	1107.6	1146.1	1197.4	1223.1	1256.6	1323.5
155°	1131.6	1117.9	1104.3	1117.9	1131.6	1135.0	1164.4	1203.5	1223.1	1249.8	1303.0
157.5°	1159.1	1145.8	1132.6	1145.8	1159.1	1162.4	1182.7	1209.6	1223.1	1243.8	1285.2
160°	1172.4	1162.0	1151.7	1162.0	1172.4	1174.9	1191.0	1212.4	1223.1	1240.9	1276.4
162.5°	1186.3	1178.5	1170.8	1178.5	1186.3	1188.2	1199.8	1215.3	1223.1	1238.1	1268.0
165°	1205.6	1198.6	1191.6	1198.6	1205.6	1207.4	1212.6	1219.6	1223.1	1233.9	1255.3
167.5°	1217.3	1214.0	1210.7	1214.0	1217.3	1218.2	1222.6	1228.5	1231.5	1238.5	1252.5
170°	1229.9	1226.5	1223.1	1226.5	1229.9	1230.7	1230.9	1231.3	1231.5	1238.5	1252.5
172.5°	1231.3	1230.5	1229.8	1230.5	1231.3	1231.5	1231.5	1231.5	1231.5	1237.0	1248.1
175°	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1236.5	1233.2	1231.5	1235.0	1242.0
177.5°	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1237.0	1234.5	1233.2	1235.9	1241.4
180°	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9



TEST NUMBER: P935752
 CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5	2872.5
2.5°	2772.0	2763.8	2774.6	2744.7	2774.6	2763.8	2772.0	2791.0	2774.6	2785.5	2796.4
5°	2432.2	2418.6	2375.2	2339.9	2375.2	2418.6	2432.2	2489.3	2516.4	2565.4	2630.6
7.5°	2174.0	2163.2	2152.3	2130.6	2152.3	2163.2	2174.0	2190.3	2217.6	2261.0	2309.9
10°	2117.0	2119.7	2136.0	2133.3	2136.0	2119.7	2117.0	2111.6	2103.4	2111.6	2141.4
12.5°	2263.7	2288.2	2377.8	2372.5	2377.8	2288.2	2263.7	2155.0	2081.7	2068.0	2073.5
15°	2432.2	2440.4	2459.4	2462.2	2459.4	2440.4	2432.2	2388.8	2168.7	2073.5	2043.6
17.5°	2448.5	2451.2	2464.8	2464.8	2464.8	2451.2	2448.5	2429.5	2356.2	2228.4	2059.9
20°	2434.9	2440.4	2467.5	2473.0	2467.5	2440.4	2434.9	2410.5	2369.7	2323.6	2195.8
22.5°	2429.5	2440.4	2462.2	2459.4	2462.2	2440.4	2429.5	2391.5	2356.2	2323.6	2271.9
25°	2402.3	2402.3	2405.1	2407.8	2405.1	2402.3	2402.3	2372.5	2301.8	2293.6	2263.7
27.5°	2345.2	2350.7	2367.0	2364.3	2367.0	2350.7	2345.2	2334.4	2258.3	2250.2	2228.4
30°	2293.6	2288.2	2274.6	2263.7	2274.6	2288.2	2293.6	2277.3	2201.3	2179.5	2185.0
32.5°	2206.6	2193.1	2179.5	2171.3	2179.5	2193.1	2206.6	2201.3	2144.2	2114.3	2119.7
35°	2103.4	2106.1	2103.4	2095.3	2103.4	2106.1	2103.4	2108.8	2073.5	2046.4	2043.6
37.5°	2030.1	2035.4	2032.7	2021.9	2032.7	2035.4	2030.1	2024.6	1975.7	1967.5	1973.0
40°	1953.9	1956.7	1953.9	1945.7	1953.9	1956.7	1953.9	1943.1	1875.2	1877.8	1896.8
42.5°	1880.5	1877.8	1869.7	1864.2	1869.7	1877.8	1880.5	1864.2	1777.3	1769.2	1804.5
45°	1796.3	1799.0	1782.7	1774.5	1782.7	1799.0	1796.3	1785.5	1695.8	1674.0	1698.5
47.5°	1712.1	1712.1	1698.5	1690.3	1698.5	1712.1	1712.1	1698.5	1603.4	1581.6	1595.2
50°	1622.4	1619.7	1600.6	1598.0	1600.6	1619.7	1622.4	1614.3	1513.7	1494.7	1494.7
52.5°	1519.1	1519.1	1521.8	1527.3	1521.8	1519.1	1519.1	1521.8	1432.2	1413.1	1407.7
55°	1429.4	1432.2	1451.2	1456.6	1451.2	1432.2	1429.4	1429.4	1347.9	1328.9	1318.0
57.5°	1337.1	1337.1	1350.6	1350.6	1350.6	1337.1	1337.1	1331.6	1252.8	1236.5	1231.1
60°	1231.1	1236.5	1247.4	1244.6	1247.4	1236.5	1231.1	1225.6	1157.7	1146.8	1127.8
62.5°	1119.6	1125.1	1127.8	1122.4	1127.8	1125.1	1119.6	1103.3	1062.6	1054.4	1029.9
65°	1002.8	1008.2	1011.0	1005.5	1011.0	1008.2	1002.8	994.6	964.7	951.2	929.4
67.5°	883.2	880.5	877.8	888.7	877.8	880.5	883.2	872.4	853.3	842.4	812.6
70°	760.9	760.9	758.2	763.7	758.2	760.9	760.9	752.7	741.9	733.8	706.6
72.5°	630.5	627.8	638.6	630.5	638.6	627.8	630.5	627.8	622.3	614.1	587.0
75°	502.8	508.2	502.8	510.9	502.8	508.2	502.8	505.5	502.8	497.3	478.3
77.5°	383.2	388.7	383.2	383.2	383.2	388.7	383.2	385.9	385.9	385.9	369.6
80°	271.7	269.0	269.0	266.4	269.0	269.0	271.7	271.7	274.5	269.0	263.6
82.5°	173.9	171.2	171.2	176.7	171.2	171.2	173.9	176.7	171.2	171.2	171.2
85°	95.1	97.8	92.4	92.4	92.4	97.8	95.1	89.7	95.1	95.1	92.4
87.5°	35.3	32.6	32.6	32.6	32.6	32.6	35.3	38.1	38.1	38.1	40.8
90°	31.6	31.6	31.6	31.6	31.6	31.6	31.6	42.1	56.1	63.2	54.4
92.5°	158.0	151.7	126.6	101.4	126.6	151.7	158.0	224.0	311.9	355.9	312.4
95°	536.3	517.3	441.2	365.0	441.2	517.3	536.3	704.3	928.3	1040.2	878.6
97.5°	1238.1	1201.9	1057.1	912.2	1057.1	1201.9	1238.1	1344.3	1485.9	1556.6	1287.0
100°	1738.7	1695.6	1523.0	1350.4	1523.0	1695.6	1738.7	1730.9	1720.6	1715.4	1416.3
102.5°	2166.1	2129.2	1981.3	1833.5	1981.3	2129.2	2166.1	2030.9	1850.5	1760.3	1457.0
105°	2665.0	2645.2	2565.7	2486.2	2565.7	2645.2	2665.0	2361.8	1957.5	1755.4	1461.5
107.5°	2924.4	2929.3	2948.5	2967.6	2948.5	2929.3	2924.4	2501.5	1937.6	1655.5	1396.5
110°	2990.9	3011.7	3094.4	3177.2	3094.4	3011.7	2990.9	2518.1	1887.7	1572.4	1338.8



TEST NUMBER: P935752

CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2948.5	2980.3	3107.4	3234.6	3107.4	2980.3	2948.5	2464.6	1819.4	1496.7	1288.5
115°	2804.7	2848.8	3025.1	3201.3	3025.1	2848.8	2804.7	2338.5	1716.9	1406.1	1230.8
117.5°	2606.0	2654.9	2850.3	3045.9	2850.3	2654.9	2606.0	2185.2	1624.2	1343.7	1194.6
120°	2472.1	2519.6	2709.6	2899.5	2709.6	2519.6	2472.1	2087.6	1575.1	1318.8	1182.4
122.5°	2338.3	2385.1	2572.5	2759.8	2572.5	2385.1	2338.3	1992.1	1530.4	1299.7	1176.0
125°	2161.1	2204.2	2376.9	2549.4	2376.9	2204.2	2161.1	1867.1	1475.0	1278.9	1170.8
127.5°	2018.9	2055.3	2200.9	2346.5	2200.9	2055.3	2018.9	1766.4	1429.7	1261.4	1167.7
130°	1929.1	1962.8	2097.3	2231.8	2097.3	1962.8	1929.1	1704.4	1404.6	1254.8	1169.6
132.5°	1852.6	1882.7	2003.2	2123.7	2003.2	1882.7	1852.6	1651.4	1383.1	1248.9	1170.8
135°	1744.5	1770.5	1874.4	1978.2	1874.4	1770.5	1744.5	1576.0	1351.3	1238.9	1169.6
137.5°	1664.7	1686.0	1770.9	1856.0	1770.9	1686.0	1664.7	1522.2	1332.3	1237.3	1176.9
140°	1600.7	1620.5	1700.0	1779.4	1700.0	1620.5	1600.7	1477.6	1313.5	1231.5	1178.1
142.5°	1555.7	1572.8	1641.2	1709.6	1641.2	1572.8	1555.7	1447.6	1303.5	1231.5	1182.3
145°	1488.4	1501.4	1553.1	1604.8	1553.1	1501.4	1488.4	1400.0	1282.1	1223.1	1182.3
147.5°	1431.9	1442.6	1485.5	1528.3	1485.5	1442.6	1431.9	1362.3	1269.5	1223.1	1190.4
150°	1399.5	1408.1	1442.9	1477.6	1442.9	1408.1	1399.5	1340.7	1262.3	1223.1	1194.7
152.5°	1373.7	1380.3	1406.5	1432.7	1406.5	1380.3	1373.7	1323.5	1256.6	1223.1	1197.4
155°	1342.9	1347.3	1364.6	1382.0	1364.6	1347.3	1342.9	1303.0	1249.8	1223.1	1203.5
157.5°	1316.3	1319.3	1331.5	1343.7	1331.5	1319.3	1316.3	1285.2	1243.8	1223.1	1209.6
160°	1302.9	1304.7	1311.7	1318.8	1311.7	1304.7	1302.9	1276.4	1240.9	1223.1	1212.4
162.5°	1290.5	1292.2	1298.9	1305.5	1298.9	1292.2	1290.5	1268.0	1238.1	1223.1	1215.3
165°	1271.4	1273.2	1280.1	1287.2	1280.1	1273.2	1271.4	1255.3	1233.9	1223.1	1219.6
167.5°	1263.0	1263.8	1266.7	1269.7	1266.7	1263.8	1263.0	1252.5	1238.5	1231.5	1228.5
170°	1263.0	1263.0	1263.0	1263.0	1263.0	1263.0	1263.0	1252.5	1238.5	1231.5	1231.3
172.5°	1256.5	1255.8	1253.2	1250.6	1253.2	1255.8	1256.5	1248.1	1237.0	1231.5	1231.5
175°	1247.3	1247.3	1247.3	1247.3	1247.3	1247.3	1247.3	1242.0	1235.0	1231.5	1233.2
177.5°	1245.6	1244.9	1241.9	1238.9	1241.9	1244.9	1245.6	1241.4	1235.9	1233.2	1234.5
180°	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9



TEST NUMBER: P935752
 CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2872.5	2872.5	2872.5	2872.5	2872.5
2.5°	2837.2	2850.7	2858.9	2869.8	2896.9
5°	2728.4	2780.1	2796.4	2837.2	2886.1
7.5°	2489.3	2646.9	2690.4	2788.3	2864.3
10°	2258.3	2415.9	2492.0	2723.0	2837.2
12.5°	2141.4	2233.9	2285.5	2608.9	2799.1
15°	2068.0	2133.3	2171.3	2456.7	2755.7
17.5°	2011.0	2057.2	2084.3	2307.3	2695.8
20°	1975.7	1997.4	2021.9	2198.5	2627.9
22.5°	1951.2	1937.6	1956.7	2122.4	2535.5
25°	1934.9	1883.3	1905.0	2062.7	2426.8
27.5°	1948.5	1834.4	1842.5	2008.3	2312.6
30°	1951.2	1774.5	1777.3	1951.2	2185.0
32.5°	1932.2	1712.1	1714.8	1880.5	2040.9
35°	1886.0	1638.7	1636.0	1799.0	1845.2
37.5°	1823.5	1559.9	1559.9	1709.3	1630.6
40°	1747.4	1481.1	1489.2	1592.5	1440.3
42.5°	1655.0	1396.8	1407.7	1437.6	1299.0
45°	1554.4	1315.3	1323.4	1214.8	1190.3
47.5°	1443.1	1231.1	1233.8	1008.2	1155.0
50°	1309.9	1144.1	1133.2	864.2	1152.2
52.5°	1193.0	1049.0	1016.4	782.7	1046.2
55°	1078.9	948.4	877.8	720.1	970.2
57.5°	978.3	818.0	750.1	646.8	953.9
60°	885.9	690.3	638.6	568.0	875.0
62.5°	809.8	595.2	584.3	513.6	793.5
65°	728.3	529.9	527.2	467.4	674.0
67.5°	649.5	486.5	483.7	423.9	513.6
70°	565.2	440.3	434.8	377.7	380.5
72.5°	478.3	388.7	383.2	339.7	315.3
75°	391.3	328.8	326.1	296.2	255.4
77.5°	307.1	260.9	266.4	239.1	187.5
80°	220.1	190.2	195.7	171.2	141.3
82.5°	146.8	125.0	130.4	108.7	95.1
85°	81.5	70.7	73.4	57.1	43.4
87.5°	38.1	32.6	32.6	21.8	13.6
90°	36.6	23.3	21.6	15.0	8.4
92.5°	225.6	160.5	146.4	89.8	33.2
95°	555.2	312.7	286.8	183.3	79.8
97.5°	747.8	343.4	320.6	229.3	138.0
100°	817.9	369.2	348.5	265.7	182.9
102.5°	850.1	395.0	375.6	298.4	221.1
105°	873.9	433.2	416.8	351.5	286.0
107.5°	878.3	489.7	474.5	413.5	352.6
110°	871.7	521.4	507.7	452.6	397.5



TEST NUMBER: P935752

CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	872.0	559.6	546.5	494.0	441.6
115°	880.0	616.9	604.8	556.5	508.1
117.5°	896.4	672.7	661.7	617.7	573.7
120°	909.6	705.1	694.8	653.4	612.0
122.5°	928.7	743.3	732.9	691.1	649.4
125°	954.5	792.4	782.9	744.9	706.8
127.5°	980.4	839.9	830.2	791.8	753.4
130°	999.2	871.4	861.1	819.7	778.3
132.5°	1014.4	897.2	886.8	845.5	804.0
135°	1031.1	927.1	917.7	880.0	842.3
137.5°	1056.0	965.4	956.1	918.7	881.4
140°	1071.3	991.1	982.6	948.2	913.8
142.5°	1084.0	1010.3	1002.3	970.6	938.8
145°	1100.7	1039.4	1032.5	1004.7	977.0
147.5°	1125.1	1076.0	1069.3	1042.3	1015.3
150°	1137.8	1095.1	1089.0	1064.6	1040.2
152.5°	1146.1	1107.6	1102.9	1084.5	1066.0
155°	1164.4	1135.0	1131.6	1117.9	1104.3
157.5°	1182.7	1162.4	1159.1	1145.8	1132.6
160°	1191.0	1174.9	1172.4	1162.0	1151.7
162.5°	1199.8	1188.2	1186.3	1178.5	1170.8
165°	1212.6	1207.4	1205.6	1198.6	1191.6
167.5°	1222.6	1218.2	1217.3	1214.0	1210.7
170°	1230.9	1230.7	1229.9	1226.5	1223.1
172.5°	1231.5	1231.5	1231.3	1230.5	1229.8
175°	1236.5	1238.9	1238.9	1238.9	1238.9
177.5°	1237.0	1238.9	1238.9	1238.9	1238.9
180°	1238.9	1238.9	1238.9	1238.9	1238.9



TEST NUMBER: P935752
 CATALOG NUMBER: SQ4-FA-125U-125D-930-1D-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	13.63	14.47	14.60	15.46	16.76	16.47	17.31	17.44	18.30	19.60
	3H	14.11	14.86	15.09	15.86	17.18	17.81	18.57	18.80	19.57	20.89
	4H	14.30	15.01	15.29	16.01	17.34	18.26	18.98	19.26	19.97	21.30
	6H	14.41	15.07	15.42	16.08	17.42	18.55	19.20	19.55	20.21	21.55
	8H	14.41	15.04	15.43	16.06	17.40	18.62	19.25	19.63	20.27	21.61
	12H	14.38	14.98	15.40	16.00	17.36	18.66	19.26	19.68	20.27	21.63
4H	2H	14.66	15.38	15.67	16.38	17.71	16.87	17.59	17.88	18.59	19.92
	3H	15.69	16.28	16.70	17.31	18.65	18.38	18.98	19.39	20.01	21.35
	4H	15.96	16.51	16.98	17.53	18.89	18.91	19.46	19.93	20.48	21.84
	6H	16.09	16.56	17.12	17.60	18.96	19.28	19.75	20.31	20.79	22.15
	8H	16.09	16.53	17.12	17.57	18.94	19.38	19.82	20.42	20.86	22.24
	12H	16.06	16.45	17.11	17.51	18.89	19.44	19.84	20.49	20.89	22.27
8H	4H	16.42	16.86	17.45	17.89	19.27	19.03	19.47	20.07	20.51	21.88
	6H	16.68	17.04	17.73	18.12	19.49	19.47	19.83	20.53	20.91	22.29
	8H	16.72	17.04	17.78	18.10	19.49	19.62	19.94	20.69	21.01	22.40
	12H	16.70	16.98	17.77	18.04	19.48	19.72	20.00	20.79	21.06	22.50
12H	4H	16.42	16.82	17.47	17.87	19.25	19.00	19.39	20.05	20.44	21.83
	6H	16.74	17.06	17.80	18.12	19.51	19.47	19.79	20.53	20.85	22.24
	8H	16.80	17.08	17.87	18.14	19.58	19.63	19.91	20.70	20.97	22.40