

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: P935671

Luminaire Tested: SQ4-FA-125U-100D-935-1D-UNV-STD-W-6

Issue Date: 12/17/2024

**Test Information**

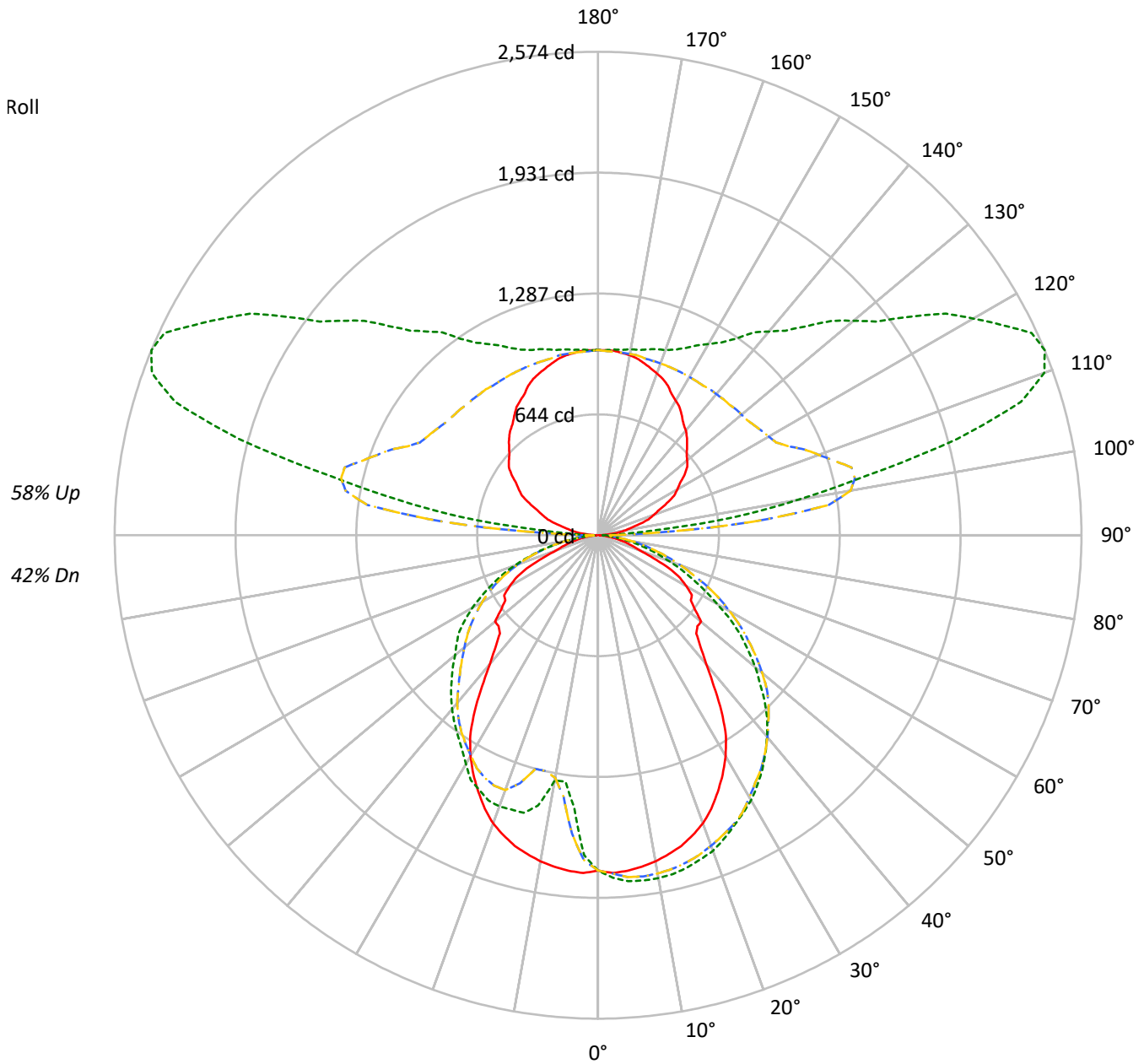
Test Method: LM-79-2019  
Report Number: P935671  
REPORT IS A COMBINATION OF REPORTS P933763 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-100D-935-1D-UNV-STD-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11022.3 lumens  
Efficiency: N/A  
Efficacy: 114.1 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: General Diffuse  
  
Input Watts (W): 96.6  
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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CATALOG NUMBER: SQ4-FA-125U-100D-935-1D-UNV-STD-W-6

### 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	
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	42				
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	35				
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	30				
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	25				
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	22				
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	19				
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	16				
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	15				
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	13				
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	12				
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	11				

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

	0°	90°	180°	270°
0°	11040	11040	11040	11040
5°	11118	11144	11118	8763
10°	11040	10978	11040	7848
15°	10916	10740	10916	8968
20°	10684	10458	10684	8987
25°	10212	10047	10212	8796
30°	9604	9706	9604	8378
35°	8558	9274	8558	7919
40°	7127	8767	7127	7572
45°	6363	8172	6363	7172
50°	6756	7463	6756	6772
55°	6350	6698	6350	6540
60°	6538	5689	6538	5990
65°	5919	4702	5919	5257
70°	4087	3748	4087	4406
75°	3571	2771	3571	3318
80°	2858	1832	2858	1995
85°	1610	971	1610	824

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 9760 cd/sqm



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CATALOG NUMBER: SQ4-FA-125U-100D-935-1D-UNV-STD-W-6

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	161.1	1.5
10°-20°	457.4	4.1
20°-30°	707.0	6.4
30°-40°	844.1	7.7
40°-50°	849.0	7.7
50°-60°	738.7	6.7
60°-70°	523.8	4.8
70°-80°	277.1	2.5
80°-90°	72.8	0.7
90°-100°	480.6	4.4
100°-110°	1263.5	11.5
110°-120°	1310.1	11.9
120°-130°	1050.9	9.5
130°-140°	824.5	7.5
140°-150°	632.9	5.7
150°-160°	455.8	4.1
160°-170°	278.9	2.5
170°-180°	94.2	0.9
0°-30°	1325.5	12.0
0°-40°	2169.6	19.7
0°-60°	3757.3	34.1
0°-90°	4631.0	42.0
90°-120°	3054.2	27.7
90°-150°	5562.5	50.5
90°-180°	6391.0	58.0
0°-180°	11022.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1785	1785	1785	1785	1785	
5°	1793	1849	1793	1454	1793	170
15°	1712	1832	1712	1530	1712	482
25°	1508	1709	1508	1496	1508	692
35°	1146	1525	1146	1302	1146	709
45°	740	1256	740	1102	740	592
55°	603	927	603	905	603	554
65°	419	559	419	625	419	400
75°	159	265	159	318	159	167
85°	27	68	27	57	27	36
90°	7	25	7	25	7	7
95°	64	290	64	290	64	71
105°	228	1978	228	1978	228	241
115°	404	2548	404	2548	404	399
125°	562	2029	562	2029	562	499
135°	670	1574	670	1574	670	519
145°	777	1277	777	1277	777	487
155°	879	1100	879	1100	879	404
165°	948	1024	948	1024	948	268
175°	986	993	986	993	986	94
180°	986	986	986	986	986	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1799.8	1799.8	1810.0	1813.3	1813.3	1808.3	1803.2	1808.3	1823.5	1828.6	1826.9
5°	1793.0	1806.6	1825.2	1828.6	1831.9	1830.2	1826.9	1830.2	1847.1	1850.5	1852.2
7.5°	1779.6	1804.9	1828.6	1833.6	1838.6	1833.6	1831.9	1835.3	1852.2	1855.6	1855.6
10°	1762.7	1798.1	1825.2	1828.6	1833.6	1828.6	1828.6	1835.3	1852.2	1855.6	1857.2
12.5°	1739.0	1788.0	1813.3	1816.7	1823.5	1821.7	1820.0	1826.9	1843.7	1847.1	1847.1
15°	1712.0	1769.4	1793.0	1796.4	1808.3	1804.9	1804.9	1811.6	1830.2	1835.3	1833.6
17.5°	1674.9	1745.7	1772.8	1777.9	1786.3	1784.6	1786.3	1793.0	1810.0	1813.3	1815.0
20°	1632.7	1713.7	1745.7	1750.9	1759.3	1759.3	1759.3	1767.7	1784.6	1791.4	1791.4
22.5°	1575.3	1680.0	1713.7	1717.1	1727.3	1727.3	1730.6	1742.4	1757.6	1759.3	1759.3
25°	1507.7	1642.8	1671.5	1681.6	1691.7	1696.8	1701.9	1708.7	1713.7	1712.0	1713.7
27.5°	1436.8	1595.5	1632.7	1639.4	1653.0	1658.0	1664.7	1666.4	1668.1	1673.2	1669.8
30°	1357.5	1529.7	1585.4	1592.1	1614.1	1617.4	1610.7	1614.1	1622.5	1626.0	1629.3
32.5°	1267.9	1431.8	1536.4	1551.7	1571.9	1561.7	1560.1	1565.1	1578.7	1578.7	1582.0
35°	1146.5	1355.8	1490.8	1504.4	1519.5	1507.7	1514.5	1516.1	1524.6	1529.7	1528.0
37.5°	1013.0	1289.9	1443.5	1453.7	1465.5	1450.4	1460.4	1465.5	1472.3	1468.9	1468.9
40°	894.9	1186.9	1387.8	1394.6	1404.8	1392.9	1403.1	1406.4	1409.8	1406.4	1404.8
42.5°	807.0	1073.8	1328.8	1337.2	1330.5	1338.9	1342.2	1349.1	1343.9	1337.2	1337.2
45°	739.5	1043.4	1264.6	1274.8	1264.6	1278.1	1283.2	1283.2	1267.9	1264.6	1262.9
47.5°	717.6	982.6	1200.5	1200.5	1195.4	1212.2	1220.7	1208.9	1193.7	1188.6	1188.6
50°	715.9	915.1	1112.6	1105.9	1129.5	1149.8	1141.3	1129.5	1117.7	1099.2	1099.2
52.5°	650.0	832.4	999.5	1024.9	1062.0	1073.8	1060.3	1048.5	1028.2	1019.8	1013.0
55°	602.8	746.3	896.6	947.2	986.0	1001.2	975.9	964.0	933.7	928.6	925.3
57.5°	592.7	621.4	802.0	866.1	913.4	911.7	896.6	874.6	849.3	844.2	842.5
60°	543.7	449.1	700.7	776.7	825.6	820.6	807.0	786.8	763.1	759.8	756.4
62.5°	493.0	325.9	585.8	672.0	741.2	739.5	727.7	697.3	680.4	672.0	665.2
65°	418.8	273.5	417.1	558.8	658.5	661.8	636.5	614.5	596.0	585.8	584.2
67.5°	319.1	222.9	281.9	466.0	579.1	575.8	543.7	533.5	509.9	504.8	494.7
70°	236.3	148.6	195.9	378.2	501.5	493.0	467.7	455.9	433.9	422.1	415.4
72.5°	195.9	119.9	143.5	293.8	422.1	411.9	390.0	376.5	357.9	347.8	341.1
75°	158.7	126.6	109.7	217.8	342.8	336.0	315.8	302.2	287.0	273.5	275.2
77.5°	116.5	118.2	87.8	160.4	271.8	261.7	249.9	233.0	226.2	212.7	212.7
80°	87.8	92.9	65.9	109.7	195.9	195.9	185.7	173.9	162.1	155.3	155.3
82.5°	59.1	59.1	49.0	69.2	133.4	128.3	121.6	118.2	111.4	108.0	108.0
85°	27.0	33.7	30.4	42.2	72.6	76.0	76.0	72.6	70.9	67.6	69.2
87.5°	8.4	15.2	18.6	23.6	37.1	38.9	40.6	40.6	40.6	42.2	42.2
90°	6.6	11.9	17.2	18.5	29.1	43.2	50.3	44.6	33.5	25.1	25.1
92.5°	26.5	71.5	116.5	127.7	179.5	248.6	283.2	248.2	178.2	125.8	120.7
95°	63.6	145.9	228.2	248.8	441.8	699.2	827.8	738.7	560.4	426.8	411.6
97.5°	109.8	182.4	255.1	273.2	595.0	1024.2	1238.7	1182.4	1069.8	985.3	956.5
100°	145.6	211.5	277.3	293.8	650.8	1127.0	1365.1	1369.2	1377.4	1383.6	1349.2
102.5°	176.0	237.5	299.0	314.3	676.5	1159.3	1400.8	1472.5	1616.1	1723.7	1694.3
105°	227.7	279.7	331.7	344.7	695.4	1163.1	1396.9	1557.7	1879.4	2120.7	2104.9
107.5°	280.6	329.0	377.6	389.7	699.0	1111.3	1317.4	1541.9	1990.6	2327.2	2331.0
110°	316.3	360.1	403.8	414.8	693.6	1065.3	1251.2	1502.1	2003.8	2380.1	2396.6



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CATALOG NUMBER: SQ4-FA-125U-100D-935-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	351.4	393.1	434.9	445.3	693.9	1025.3	1191.0	1447.7	1961.2	2346.3	2371.6
115°	404.3	442.8	481.4	491.0	700.3	979.4	1118.9	1366.3	1860.9	2231.9	2267.0
117.5°	456.6	491.6	526.5	535.3	713.3	950.6	1069.3	1292.5	1738.9	2073.8	2112.6
120°	487.0	520.0	552.9	561.1	723.9	940.9	1049.4	1253.4	1661.2	1967.2	2005.0
122.5°	516.8	550.1	583.3	591.5	739.1	935.8	1034.2	1217.9	1585.2	1860.7	1897.9
125°	562.4	592.7	623.0	630.6	759.6	931.7	1017.7	1173.7	1485.7	1719.8	1754.1
127.5°	599.5	630.1	660.6	668.3	780.2	929.3	1003.8	1137.8	1405.7	1606.6	1635.6
130°	619.3	652.3	685.2	693.4	795.1	930.6	998.5	1117.7	1356.2	1535.1	1561.9
132.5°	639.9	672.8	705.7	714.0	807.3	931.7	993.9	1100.6	1314.1	1474.2	1498.2
135°	670.3	700.3	730.2	737.7	820.5	930.8	985.9	1075.3	1254.1	1388.2	1408.9
137.5°	701.4	731.1	760.8	768.2	840.3	936.5	984.6	1060.1	1211.3	1324.7	1341.6
140°	727.2	754.5	781.9	788.7	852.4	937.5	980.0	1045.2	1175.8	1273.7	1289.6
142.5°	747.0	772.3	797.6	803.9	862.6	940.9	980.0	1037.3	1152.0	1238.0	1251.7
145°	777.4	799.5	821.6	827.1	875.9	940.9	973.3	1020.3	1114.1	1184.5	1194.8
147.5°	808.0	829.4	850.9	856.3	895.3	947.3	973.3	1010.2	1084.1	1139.5	1148.0
150°	827.8	847.2	866.6	871.4	905.4	950.7	973.3	1004.5	1066.9	1113.6	1120.6
152.5°	848.3	863.0	877.7	881.4	912.1	952.9	973.3	999.9	1053.2	1093.1	1098.3
155°	878.8	889.7	900.5	903.2	926.6	957.7	973.3	994.5	1036.9	1068.7	1072.2
157.5°	901.2	911.8	922.4	925.0	941.1	962.6	973.3	989.8	1022.7	1047.4	1049.8
160°	916.4	924.7	932.9	935.0	947.8	964.8	973.3	987.5	1015.7	1036.9	1038.2
162.5°	931.7	937.8	944.0	945.5	954.8	967.2	973.3	985.3	1009.0	1026.9	1028.3
165°	948.2	953.8	959.4	960.8	965.0	970.5	973.3	981.8	999.0	1011.8	1013.1
167.5°	963.4	966.1	968.7	969.4	972.9	977.6	980.0	985.6	996.8	1005.1	1005.7
170°	973.3	976.0	978.6	979.3	979.5	979.8	980.0	985.6	996.8	1005.1	1005.1
172.5°	978.6	979.2	979.8	980.0	980.0	980.0	980.0	984.4	993.2	999.8	999.3
175°	985.9	985.9	985.9	985.9	984.0	981.3	980.0	982.8	988.4	992.6	992.6
177.5°	985.9	985.9	985.9	985.9	984.4	982.3	981.2	983.5	987.9	991.2	990.6
180°	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9



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CATALOG NUMBER: SQ4-FA-125U-100D-935-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1830.2	1825.2	1830.2	1826.9	1828.6	1823.5	1808.3	1803.2	1808.3	1813.3	1813.3
5°	1852.2	1848.8	1852.2	1852.2	1850.5	1847.1	1830.2	1826.9	1830.2	1831.9	1828.6
7.5°	1858.9	1853.9	1858.9	1855.6	1855.6	1852.2	1835.3	1831.9	1833.6	1838.6	1833.6
10°	1858.9	1853.9	1858.9	1857.2	1855.6	1852.2	1835.3	1828.6	1828.6	1833.6	1828.6
12.5°	1850.5	1847.1	1850.5	1847.1	1847.1	1843.7	1826.9	1820.0	1821.7	1823.5	1816.7
15°	1837.0	1831.9	1837.0	1833.6	1835.3	1830.2	1811.6	1804.9	1804.9	1808.3	1796.4
17.5°	1816.7	1810.0	1816.7	1815.0	1813.3	1810.0	1793.0	1786.3	1784.6	1786.3	1777.9
20°	1793.0	1788.0	1793.0	1791.4	1791.4	1784.6	1767.7	1759.3	1759.3	1759.3	1750.9
22.5°	1755.9	1750.9	1755.9	1759.3	1759.3	1757.6	1742.4	1730.6	1727.3	1727.3	1717.1
25°	1713.7	1708.7	1713.7	1713.7	1712.0	1713.7	1708.7	1701.9	1696.8	1691.7	1681.6
27.5°	1673.2	1669.8	1673.2	1669.8	1673.2	1668.1	1666.4	1664.7	1658.0	1653.0	1639.4
30°	1632.7	1629.3	1632.7	1629.3	1626.0	1622.5	1614.1	1610.7	1617.4	1614.1	1592.1
32.5°	1582.0	1578.7	1582.0	1582.0	1578.7	1578.7	1565.1	1560.1	1561.7	1571.9	1551.7
35°	1529.7	1524.6	1529.7	1528.0	1529.7	1524.6	1516.1	1514.5	1507.7	1519.5	1504.4
37.5°	1468.9	1463.8	1468.9	1468.9	1468.9	1472.3	1465.5	1460.4	1450.4	1465.5	1453.7
40°	1406.4	1399.7	1406.4	1404.8	1406.4	1409.8	1406.4	1403.1	1392.9	1404.8	1394.6
42.5°	1335.5	1333.8	1335.5	1337.2	1337.2	1343.9	1349.1	1342.2	1338.9	1330.5	1337.2
45°	1259.5	1256.2	1259.5	1262.9	1264.6	1267.9	1283.2	1283.2	1278.1	1264.6	1274.8
47.5°	1178.5	1170.1	1178.5	1188.6	1188.6	1193.7	1208.9	1220.7	1212.2	1195.4	1200.5
50°	1092.3	1094.1	1092.3	1099.2	1099.2	1117.7	1129.5	1141.3	1149.8	1129.5	1105.9
52.5°	1008.0	1006.3	1008.0	1013.0	1019.8	1028.2	1048.5	1060.3	1073.8	1062.0	1024.9
55°	923.6	926.9	923.6	925.3	928.6	933.7	964.0	975.9	1001.2	986.0	947.2
57.5°	839.1	834.0	839.1	842.5	844.2	849.3	874.6	896.6	911.7	913.4	866.1
60°	741.2	734.4	741.2	756.4	759.8	763.1	786.8	807.0	820.6	825.6	776.7
62.5°	655.1	643.3	655.1	665.2	672.0	680.4	697.3	727.7	739.5	741.2	672.0
65°	563.9	558.8	563.9	584.2	585.8	596.0	614.5	636.5	661.8	658.5	558.8
67.5°	481.2	481.2	481.2	494.7	504.8	509.9	533.5	543.7	575.8	579.1	466.0
70°	405.2	403.5	405.2	415.4	422.1	433.9	455.9	467.7	493.0	501.5	378.2
72.5°	332.6	330.9	332.6	341.1	347.8	357.9	376.5	390.0	411.9	422.1	293.8
75°	268.5	265.1	268.5	275.2	273.5	287.0	302.2	315.8	336.0	342.8	217.8
77.5°	206.0	206.0	206.0	212.7	212.7	226.2	233.0	249.9	261.7	271.8	160.4
80°	153.6	152.0	153.6	155.3	155.3	162.1	173.9	185.7	195.9	195.9	109.7
82.5°	108.0	104.7	108.0	108.0	108.0	111.4	118.2	121.6	128.3	133.4	69.2
85°	67.6	67.6	67.6	69.2	67.6	70.9	72.6	76.0	76.0	72.6	42.2
87.5°	43.9	42.2	43.9	42.2	42.2	40.6	40.6	40.6	38.9	37.1	23.6
90°	25.1	25.1	25.1	25.1	25.1	33.5	44.6	50.3	43.2	29.1	18.5
92.5°	100.7	80.7	100.7	120.7	125.8	178.2	248.2	283.2	248.6	179.5	127.7
95°	351.0	290.4	351.0	411.6	426.8	560.4	738.7	827.8	699.2	441.8	248.8
97.5°	841.2	725.9	841.2	956.5	985.3	1069.8	1182.4	1238.7	1024.2	595.0	273.2
100°	1212.0	1074.6	1212.0	1349.2	1383.6	1377.4	1369.2	1365.1	1127.0	650.8	293.8
102.5°	1576.6	1459.0	1576.6	1694.3	1723.7	1616.1	1472.5	1400.8	1159.3	676.5	314.3
105°	2041.6	1978.4	2041.6	2104.9	2120.7	1879.4	1557.7	1396.9	1163.1	695.4	344.7
107.5°	2346.2	2361.6	2346.2	2331.0	2327.2	1990.6	1541.9	1317.4	1111.3	699.0	389.7
110°	2462.5	2528.3	2462.5	2396.6	2380.1	2003.8	1502.1	1251.2	1065.3	693.6	414.8





TEST NUMBER: P935671

CATALOG NUMBER: SQ4-FA-125U-100D-935-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2472.8	2574.0	2472.8	2371.6	2346.3	1961.2	1447.7	1191.0	1025.3	693.9	445.3
115°	2407.2	2547.5	2407.2	2267.0	2231.9	1860.9	1366.3	1118.9	979.4	700.3	491.0
117.5°	2268.2	2423.8	2268.2	2112.6	2073.8	1738.9	1292.5	1069.3	950.6	713.3	535.3
120°	2156.2	2307.3	2156.2	2005.0	1967.2	1661.2	1253.4	1049.4	940.9	723.9	561.1
122.5°	2047.0	2196.1	2047.0	1897.9	1860.7	1585.2	1217.9	1034.2	935.8	739.1	591.5
125°	1891.4	2028.8	1891.4	1754.1	1719.8	1485.7	1173.7	1017.7	931.7	759.6	630.6
127.5°	1751.5	1867.3	1751.5	1635.6	1606.6	1405.7	1137.8	1003.8	929.3	780.2	668.3
130°	1669.0	1776.0	1669.0	1561.9	1535.1	1356.2	1117.7	998.5	930.6	795.1	693.4
132.5°	1594.1	1689.9	1594.1	1498.2	1474.2	1314.1	1100.6	993.9	931.7	807.3	714.0
135°	1491.5	1574.2	1491.5	1408.9	1388.2	1254.1	1075.3	985.9	930.8	820.5	737.7
137.5°	1409.2	1476.9	1409.2	1341.6	1324.7	1211.3	1060.1	984.6	936.5	840.3	768.2
140°	1352.8	1416.0	1352.8	1289.6	1273.7	1175.8	1045.2	980.0	937.5	852.4	788.7
142.5°	1306.0	1360.5	1306.0	1251.7	1238.0	1152.0	1037.3	980.0	940.9	862.6	803.9
145°	1235.9	1277.1	1235.9	1194.8	1184.5	1114.1	1020.3	973.3	940.9	875.9	827.1
147.5°	1182.1	1216.2	1182.1	1148.0	1139.5	1084.1	1010.2	973.3	947.3	895.3	856.3
150°	1148.2	1175.8	1148.2	1120.6	1113.6	1066.9	1004.5	973.3	950.7	905.4	871.4
152.5°	1119.2	1140.1	1119.2	1098.3	1093.1	1053.2	999.9	973.3	952.9	912.1	881.4
155°	1086.0	1099.8	1086.0	1072.2	1068.7	1036.9	994.5	973.3	957.7	926.6	903.2
157.5°	1059.5	1069.3	1059.5	1049.8	1047.4	1022.7	989.8	973.3	962.6	941.1	925.0
160°	1043.9	1049.4	1043.9	1038.2	1036.9	1015.7	987.5	973.3	964.8	947.8	935.0
162.5°	1033.6	1038.8	1033.6	1028.3	1026.9	1009.0	985.3	973.3	967.2	954.8	945.5
165°	1018.7	1024.3	1018.7	1013.1	1011.8	999.0	981.8	973.3	970.5	965.0	960.8
167.5°	1008.0	1010.4	1008.0	1005.7	1005.1	996.8	985.6	980.0	977.6	972.9	969.4
170°	1005.1	1005.1	1005.1	1005.1	1005.1	996.8	985.6	980.0	979.8	979.5	979.3
172.5°	997.3	995.2	997.3	999.3	999.8	993.2	984.4	980.0	980.0	980.0	980.0
175°	992.6	992.6	992.6	992.6	992.6	988.4	982.8	980.0	981.3	984.0	985.9
177.5°	988.3	985.9	988.3	990.6	991.2	987.9	983.5	981.2	982.3	984.4	985.9
180°	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9



TEST NUMBER: P935671

CATALOG NUMBER: SQ4-FA-125U-100D-935-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1810.0	1799.8	1799.8	1782.9	1776.2	1771.1	1762.7	1737.3	1730.6	1723.9	1734.0
5°	1825.2	1806.6	1793.0	1762.7	1737.3	1727.3	1695.1	1634.4	1593.8	1563.4	1546.6
7.5°	1828.6	1804.9	1779.6	1732.3	1671.5	1644.4	1546.6	1435.1	1404.8	1377.7	1360.8
10°	1825.2	1798.1	1762.7	1691.7	1548.3	1501.0	1403.1	1330.5	1311.9	1306.8	1311.9
12.5°	1813.3	1788.0	1739.0	1620.8	1419.9	1387.8	1330.5	1288.2	1284.9	1293.3	1338.9
15°	1793.0	1769.4	1712.0	1526.3	1349.1	1325.4	1284.9	1269.7	1288.2	1347.4	1484.1
17.5°	1772.8	1745.7	1674.9	1433.4	1295.0	1278.1	1249.4	1279.8	1384.5	1463.8	1509.4
20°	1745.7	1713.7	1632.7	1365.9	1256.2	1240.9	1227.5	1364.2	1443.5	1472.3	1497.6
22.5°	1713.7	1680.0	1575.3	1318.6	1215.6	1203.8	1212.2	1411.5	1443.5	1463.8	1485.8
25°	1671.5	1642.8	1507.7	1281.5	1183.6	1170.1	1202.2	1406.4	1425.0	1430.1	1474.0
27.5°	1632.7	1595.5	1436.8	1247.8	1144.7	1139.6	1210.6	1384.5	1398.0	1403.1	1450.4
30°	1585.4	1529.7	1357.5	1212.2	1104.2	1102.5	1212.2	1357.5	1354.1	1367.6	1414.8
32.5°	1536.4	1431.8	1267.9	1168.3	1065.3	1063.7	1200.5	1316.9	1313.5	1332.1	1367.6
35°	1490.8	1355.8	1146.5	1117.7	1016.4	1018.1	1171.8	1269.7	1271.4	1288.2	1310.2
37.5°	1443.5	1289.9	1013.0	1062.0	969.2	969.2	1132.9	1225.8	1222.4	1227.5	1257.8
40°	1387.8	1186.9	894.9	989.4	925.3	920.2	1085.6	1178.5	1166.6	1165.0	1207.2
42.5°	1328.8	1073.8	807.0	893.2	874.6	867.8	1028.2	1121.1	1099.2	1104.2	1158.2
45°	1264.6	1043.4	739.5	754.7	822.3	817.2	965.7	1055.2	1040.0	1053.6	1109.3
47.5°	1200.5	982.6	717.6	626.4	766.5	764.8	896.6	991.0	982.6	996.2	1055.2
50°	1112.6	915.1	715.9	536.9	704.1	710.8	813.8	928.6	928.6	940.4	1002.9
52.5°	999.5	832.4	650.0	486.2	631.4	651.7	741.2	874.6	878.0	889.7	945.5
55°	896.6	746.3	602.8	447.4	545.4	589.2	670.3	818.9	825.6	837.4	888.1
57.5°	802.0	621.4	592.7	401.8	466.0	508.2	607.8	764.8	768.2	778.4	827.3
60°	700.7	449.1	543.7	352.9	396.8	428.8	550.4	700.7	712.5	719.3	761.4
62.5°	585.8	325.9	493.0	319.1	363.0	369.8	503.1	639.9	655.1	660.1	685.5
65°	417.1	273.5	418.8	290.4	327.5	329.2	452.5	577.4	590.9	599.4	618.0
67.5°	281.9	222.9	319.1	263.4	300.5	302.2	403.5	504.8	523.4	530.1	542.0
70°	195.9	148.6	236.3	234.7	270.2	273.5	351.2	439.0	455.9	460.9	467.7
72.5°	143.5	119.9	195.9	211.0	238.0	241.5	297.2	364.7	381.6	386.6	390.0
75°	109.7	126.6	158.7	184.0	202.6	204.3	243.2	297.2	308.9	312.3	314.0
77.5°	87.8	118.2	116.5	148.6	165.5	162.1	190.8	229.6	239.8	239.8	239.8
80°	65.9	92.9	87.8	106.3	121.6	118.2	136.7	163.8	167.2	170.5	168.9
82.5°	49.0	59.1	59.1	67.6	81.0	77.7	91.2	106.3	106.3	106.3	109.7
85°	30.4	33.7	27.0	35.4	45.6	43.9	50.7	57.4	59.1	59.1	55.7
87.5°	18.6	15.2	8.4	13.5	20.3	20.3	23.6	25.3	23.6	23.6	23.6
90°	17.2	11.9	6.6	11.9	17.2	18.5	29.1	43.2	50.3	44.6	33.5
92.5°	116.5	71.5	26.5	71.5	116.5	127.7	179.5	248.6	283.2	248.2	178.2
95°	228.2	145.9	63.6	145.9	228.2	248.8	441.8	699.2	827.8	738.7	560.4
97.5°	255.1	182.4	109.8	182.4	255.1	273.2	595.0	1024.2	1238.7	1182.4	1069.8
100°	277.3	211.5	145.6	211.5	277.3	293.8	650.8	1127.0	1365.1	1369.2	1377.4
102.5°	299.0	237.5	176.0	237.5	299.0	314.3	676.5	1159.3	1400.8	1472.5	1616.1
105°	331.7	279.7	227.7	279.7	331.7	344.7	695.4	1163.1	1396.9	1557.7	1879.4
107.5°	377.6	329.0	280.6	329.0	377.6	389.7	699.0	1111.3	1317.4	1541.9	1990.6
110°	403.8	360.1	316.3	360.1	403.8	414.8	693.6	1065.3	1251.2	1502.1	2003.8



TEST NUMBER: P935671

CATALOG NUMBER: SQ4-FA-125U-100D-935-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	434.9	393.1	351.4	393.1	434.9	445.3	693.9	1025.3	1191.0	1447.7	1961.2
115°	481.4	442.8	404.3	442.8	481.4	491.0	700.3	979.4	1118.9	1366.3	1860.9
117.5°	526.5	491.6	456.6	491.6	526.5	535.3	713.3	950.6	1069.3	1292.5	1738.9
120°	552.9	520.0	487.0	520.0	552.9	561.1	723.9	940.9	1049.4	1253.4	1661.2
122.5°	583.3	550.1	516.8	550.1	583.3	591.5	739.1	935.8	1034.2	1217.9	1585.2
125°	623.0	592.7	562.4	592.7	623.0	630.6	759.6	931.7	1017.7	1173.7	1485.7
127.5°	660.6	630.1	599.5	630.1	660.6	668.3	780.2	929.3	1003.8	1137.8	1405.7
130°	685.2	652.3	619.3	652.3	685.2	693.4	795.1	930.6	998.5	1117.7	1356.2
132.5°	705.7	672.8	639.9	672.8	705.7	714.0	807.3	931.7	993.9	1100.6	1314.1
135°	730.2	700.3	670.3	700.3	730.2	737.7	820.5	930.8	985.9	1075.3	1254.1
137.5°	760.8	731.1	701.4	731.1	760.8	768.2	840.3	936.5	984.6	1060.1	1211.3
140°	781.9	754.5	727.2	754.5	781.9	788.7	852.4	937.5	980.0	1045.2	1175.8
142.5°	797.6	772.3	747.0	772.3	797.6	803.9	862.6	940.9	980.0	1037.3	1152.0
145°	821.6	799.5	777.4	799.5	821.6	827.1	875.9	940.9	973.3	1020.3	1114.1
147.5°	850.9	829.4	808.0	829.4	850.9	856.3	895.3	947.3	973.3	1010.2	1084.1
150°	866.6	847.2	827.8	847.2	866.6	871.4	905.4	950.7	973.3	1004.5	1066.9
152.5°	877.7	863.0	848.3	863.0	877.7	881.4	912.1	952.9	973.3	999.9	1053.2
155°	900.5	889.7	878.8	889.7	900.5	903.2	926.6	957.7	973.3	994.5	1036.9
157.5°	922.4	911.8	901.2	911.8	922.4	925.0	941.1	962.6	973.3	989.8	1022.7
160°	932.9	924.7	916.4	924.7	932.9	935.0	947.8	964.8	973.3	987.5	1015.7
162.5°	944.0	937.8	931.7	937.8	944.0	945.5	954.8	967.2	973.3	985.3	1009.0
165°	959.4	953.8	948.2	953.8	959.4	960.8	965.0	970.5	973.3	981.8	999.0
167.5°	968.7	966.1	963.4	966.1	968.7	969.4	972.9	977.6	980.0	985.6	996.8
170°	978.6	976.0	973.3	976.0	978.6	979.3	979.5	979.8	980.0	985.6	996.8
172.5°	979.8	979.2	978.6	979.2	979.8	980.0	980.0	980.0	980.0	984.4	993.2
175°	985.9	985.9	985.9	985.9	985.9	985.9	984.0	981.3	980.0	982.8	988.4
177.5°	985.9	985.9	985.9	985.9	985.9	985.9	984.4	982.3	981.2	983.5	987.9
180°	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9



TEST NUMBER: P935671

CATALOG NUMBER: SQ4-FA-125U-100D-935-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1722.1	1717.1	1723.9	1705.3	1723.9	1717.1	1722.1	1734.0	1723.9	1730.6	1737.3
5°	1511.1	1502.7	1475.7	1453.7	1475.7	1502.7	1511.1	1546.6	1563.4	1593.8	1634.4
7.5°	1350.7	1343.9	1337.2	1323.7	1337.2	1343.9	1350.7	1360.8	1377.7	1404.8	1435.1
10°	1315.2	1316.9	1327.1	1325.4	1327.1	1316.9	1315.2	1311.9	1306.8	1311.9	1330.5
12.5°	1406.4	1421.6	1477.4	1474.0	1477.4	1421.6	1406.4	1338.9	1293.3	1284.9	1288.2
15°	1511.1	1516.1	1528.0	1529.7	1528.0	1516.1	1511.1	1484.1	1347.4	1288.2	1269.7
17.5°	1521.2	1523.0	1531.4	1531.4	1531.4	1523.0	1521.2	1509.4	1463.8	1384.5	1279.8
20°	1512.8	1516.1	1533.1	1536.4	1533.1	1516.1	1512.8	1497.6	1472.3	1443.5	1364.2
22.5°	1509.4	1516.1	1529.7	1528.0	1529.7	1516.1	1509.4	1485.8	1463.8	1443.5	1411.5
25°	1492.5	1492.5	1494.2	1495.9	1494.2	1492.5	1492.5	1474.0	1430.1	1425.0	1406.4
27.5°	1457.1	1460.4	1470.6	1468.9	1470.6	1460.4	1457.1	1450.4	1403.1	1398.0	1384.5
30°	1425.0	1421.6	1413.2	1406.4	1413.2	1421.6	1425.0	1414.8	1367.6	1354.1	1357.5
32.5°	1371.0	1362.5	1354.1	1349.1	1354.1	1362.5	1371.0	1367.6	1332.1	1313.5	1316.9
35°	1306.8	1308.5	1306.8	1301.8	1306.8	1308.5	1306.8	1310.2	1288.2	1271.4	1269.7
37.5°	1261.2	1264.6	1262.9	1256.2	1262.9	1264.6	1261.2	1257.8	1227.5	1222.4	1225.8
40°	1213.9	1215.6	1213.9	1208.9	1213.9	1215.6	1213.9	1207.2	1165.0	1166.6	1178.5
42.5°	1168.3	1166.6	1161.6	1158.2	1161.6	1166.6	1168.3	1158.2	1104.2	1099.2	1121.1
45°	1116.0	1117.7	1107.6	1102.5	1107.6	1117.7	1116.0	1109.3	1053.6	1040.0	1055.2
47.5°	1063.7	1063.7	1055.2	1050.2	1055.2	1063.7	1063.7	1055.2	996.2	982.6	991.0
50°	1008.0	1006.3	994.5	992.8	994.5	1006.3	1008.0	1002.9	940.4	928.6	928.6
52.5°	943.8	943.8	945.5	948.9	945.5	943.8	943.8	945.5	889.7	878.0	874.6
55°	888.1	889.7	901.6	905.0	901.6	889.7	888.1	888.1	837.4	825.6	818.9
57.5°	830.7	830.7	839.1	839.1	839.1	830.7	830.7	827.3	778.4	768.2	764.8
60°	764.8	768.2	775.0	773.3	775.0	768.2	764.8	761.4	719.3	712.5	700.7
62.5°	695.6	699.0	700.7	697.3	700.7	699.0	695.6	685.5	660.1	655.1	639.9
65°	623.0	626.4	628.1	624.7	628.1	626.4	623.0	618.0	599.4	590.9	577.4
67.5°	548.7	547.1	545.4	552.1	545.4	547.1	548.7	542.0	530.1	523.4	504.8
70°	472.8	472.8	471.1	474.4	471.1	472.8	472.8	467.7	460.9	455.9	439.0
72.5°	391.7	390.0	396.8	391.7	396.8	390.0	391.7	390.0	386.6	381.6	364.7
75°	312.3	315.8	312.3	317.5	312.3	315.8	312.3	314.0	312.3	308.9	297.2
77.5°	238.0	241.5	238.0	238.0	238.0	241.5	238.0	239.8	239.8	239.8	229.6
80°	168.9	167.2	167.2	165.5	167.2	167.2	168.9	168.9	170.5	167.2	163.8
82.5°	108.0	106.3	106.3	109.7	106.3	106.3	108.0	109.7	106.3	106.3	106.3
85°	59.1	60.7	57.4	57.4	57.4	60.7	59.1	55.7	59.1	59.1	57.4
87.5°	22.0	20.3	20.3	20.3	20.3	20.3	22.0	23.6	23.6	23.6	25.3
90°	25.1	25.1	25.1	25.1	25.1	25.1	25.1	33.5	44.6	50.3	43.2
92.5°	125.8	120.7	100.7	80.7	100.7	120.7	125.8	178.2	248.2	283.2	248.6
95°	426.8	411.6	351.0	290.4	351.0	411.6	426.8	560.4	738.7	827.8	699.2
97.5°	985.3	956.5	841.2	725.9	841.2	956.5	985.3	1069.8	1182.4	1238.7	1024.2
100°	1383.6	1349.2	1212.0	1074.6	1212.0	1349.2	1383.6	1377.4	1369.2	1365.1	1127.0
102.5°	1723.7	1694.3	1576.6	1459.0	1576.6	1694.3	1723.7	1616.1	1472.5	1400.8	1159.3
105°	2120.7	2104.9	2041.6	1978.4	2041.6	2104.9	2120.7	1879.4	1557.7	1396.9	1163.1
107.5°	2327.2	2331.0	2346.2	2361.6	2346.2	2331.0	2327.2	1990.6	1541.9	1317.4	1111.3
110°	2380.1	2396.6	2462.5	2528.3	2462.5	2396.6	2380.1	2003.8	1502.1	1251.2	1065.3



TEST NUMBER: P935671

CATALOG NUMBER: SQ4-FA-125U-100D-935-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2346.3	2371.6	2472.8	2574.0	2472.8	2371.6	2346.3	1961.2	1447.7	1191.0	1025.3
115°	2231.9	2267.0	2407.2	2547.5	2407.2	2267.0	2231.9	1860.9	1366.3	1118.9	979.4
117.5°	2073.8	2112.6	2268.2	2423.8	2268.2	2112.6	2073.8	1738.9	1292.5	1069.3	950.6
120°	1967.2	2005.0	2156.2	2307.3	2156.2	2005.0	1967.2	1661.2	1253.4	1049.4	940.9
122.5°	1860.7	1897.9	2047.0	2196.1	2047.0	1897.9	1860.7	1585.2	1217.9	1034.2	935.8
125°	1719.8	1754.1	1891.4	2028.8	1891.4	1754.1	1719.8	1485.7	1173.7	1017.7	931.7
127.5°	1606.6	1635.6	1751.5	1867.3	1751.5	1635.6	1606.6	1405.7	1137.8	1003.8	929.3
130°	1535.1	1561.9	1669.0	1776.0	1669.0	1561.9	1535.1	1356.2	1117.7	998.5	930.6
132.5°	1474.2	1498.2	1594.1	1689.9	1594.1	1498.2	1474.2	1314.1	1100.6	993.9	931.7
135°	1388.2	1408.9	1491.5	1574.2	1491.5	1408.9	1388.2	1254.1	1075.3	985.9	930.8
137.5°	1324.7	1341.6	1409.2	1476.9	1409.2	1341.6	1324.7	1211.3	1060.1	984.6	936.5
140°	1273.7	1289.6	1352.8	1416.0	1352.8	1289.6	1273.7	1175.8	1045.2	980.0	937.5
142.5°	1238.0	1251.7	1306.0	1360.5	1306.0	1251.7	1238.0	1152.0	1037.3	980.0	940.9
145°	1184.5	1194.8	1235.9	1277.1	1235.9	1194.8	1184.5	1114.1	1020.3	973.3	940.9
147.5°	1139.5	1148.0	1182.1	1216.2	1182.1	1148.0	1139.5	1084.1	1010.2	973.3	947.3
150°	1113.6	1120.6	1148.2	1175.8	1148.2	1120.6	1113.6	1066.9	1004.5	973.3	950.7
152.5°	1093.1	1098.3	1119.2	1140.1	1119.2	1098.3	1093.1	1053.2	999.9	973.3	952.9
155°	1068.7	1072.2	1086.0	1099.8	1086.0	1072.2	1068.7	1036.9	994.5	973.3	957.7
157.5°	1047.4	1049.8	1059.5	1069.3	1059.5	1049.8	1047.4	1022.7	989.8	973.3	962.6
160°	1036.9	1038.2	1043.9	1049.4	1043.9	1038.2	1036.9	1015.7	987.5	973.3	964.8
162.5°	1026.9	1028.3	1033.6	1038.8	1033.6	1028.3	1026.9	1009.0	985.3	973.3	967.2
165°	1011.8	1013.1	1018.7	1024.3	1018.7	1013.1	1011.8	999.0	981.8	973.3	970.5
167.5°	1005.1	1005.7	1008.0	1010.4	1008.0	1005.7	1005.1	996.8	985.6	980.0	977.6
170°	1005.1	1005.1	1005.1	1005.1	1005.1	1005.1	1005.1	996.8	985.6	980.0	979.8
172.5°	999.8	999.3	997.3	995.2	997.3	999.3	999.8	993.2	984.4	980.0	980.0
175°	992.6	992.6	992.6	992.6	992.6	992.6	992.6	988.4	982.8	980.0	981.3
177.5°	991.2	990.6	988.3	985.9	988.3	990.6	991.2	987.9	983.5	981.2	982.3
180°	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9



TEST NUMBER: P935671

CATALOG NUMBER: SQ4-FA-125U-100D-935-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1762.7	1771.1	1776.2	1782.9	1799.8
5°	1695.1	1727.3	1737.3	1762.7	1793.0
7.5°	1546.6	1644.4	1671.5	1732.3	1779.6
10°	1403.1	1501.0	1548.3	1691.7	1762.7
12.5°	1330.5	1387.8	1419.9	1620.8	1739.0
15°	1284.9	1325.4	1349.1	1526.3	1712.0
17.5°	1249.4	1278.1	1295.0	1433.4	1674.9
20°	1227.5	1240.9	1256.2	1365.9	1632.7
22.5°	1212.2	1203.8	1215.6	1318.6	1575.3
25°	1202.2	1170.1	1183.6	1281.5	1507.7
27.5°	1210.6	1139.6	1144.7	1247.8	1436.8
30°	1212.2	1102.5	1104.2	1212.2	1357.5
32.5°	1200.5	1063.7	1065.3	1168.3	1267.9
35°	1171.8	1018.1	1016.4	1117.7	1146.5
37.5°	1132.9	969.2	969.2	1062.0	1013.0
40°	1085.6	920.2	925.3	989.4	894.9
42.5°	1028.2	867.8	874.6	893.2	807.0
45°	965.7	817.2	822.3	754.7	739.5
47.5°	896.6	764.8	766.5	626.4	717.6
50°	813.8	710.8	704.1	536.9	715.9
52.5°	741.2	651.7	631.4	486.2	650.0
55°	670.3	589.2	545.4	447.4	602.8
57.5°	607.8	508.2	466.0	401.8	592.7
60°	550.4	428.8	396.8	352.9	543.7
62.5°	503.1	369.8	363.0	319.1	493.0
65°	452.5	329.2	327.5	290.4	418.8
67.5°	403.5	302.2	300.5	263.4	319.1
70°	351.2	273.5	270.2	234.7	236.3
72.5°	297.2	241.5	238.0	211.0	195.9
75°	243.2	204.3	202.6	184.0	158.7
77.5°	190.8	162.1	165.5	148.6	116.5
80°	136.7	118.2	121.6	106.3	87.8
82.5°	91.2	77.7	81.0	67.6	59.1
85°	50.7	43.9	45.6	35.4	27.0
87.5°	23.6	20.3	20.3	13.5	8.4
90°	29.1	18.5	17.2	11.9	6.6
92.5°	179.5	127.7	116.5	71.5	26.5
95°	441.8	248.8	228.2	145.9	63.6
97.5°	595.0	273.2	255.1	182.4	109.8
100°	650.8	293.8	277.3	211.5	145.6
102.5°	676.5	314.3	299.0	237.5	176.0
105°	695.4	344.7	331.7	279.7	227.7
107.5°	699.0	389.7	377.6	329.0	280.6
110°	693.6	414.8	403.8	360.1	316.3



TEST NUMBER: P935671

CATALOG NUMBER: SQ4-FA-125U-100D-935-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	693.9	445.3	434.9	393.1	351.4
115°	700.3	491.0	481.4	442.8	404.3
117.5°	713.3	535.3	526.5	491.6	456.6
120°	723.9	561.1	552.9	520.0	487.0
122.5°	739.1	591.5	583.3	550.1	516.8
125°	759.6	630.6	623.0	592.7	562.4
127.5°	780.2	668.3	660.6	630.1	599.5
130°	795.1	693.4	685.2	652.3	619.3
132.5°	807.3	714.0	705.7	672.8	639.9
135°	820.5	737.7	730.2	700.3	670.3
137.5°	840.3	768.2	760.8	731.1	701.4
140°	852.4	788.7	781.9	754.5	727.2
142.5°	862.6	803.9	797.6	772.3	747.0
145°	875.9	827.1	821.6	799.5	777.4
147.5°	895.3	856.3	850.9	829.4	808.0
150°	905.4	871.4	866.6	847.2	827.8
152.5°	912.1	881.4	877.7	863.0	848.3
155°	926.6	903.2	900.5	889.7	878.8
157.5°	941.1	925.0	922.4	911.8	901.2
160°	947.8	935.0	932.9	924.7	916.4
162.5°	954.8	945.5	944.0	937.8	931.7
165°	965.0	960.8	959.4	953.8	948.2
167.5°	972.9	969.4	968.7	966.1	963.4
170°	979.5	979.3	978.6	976.0	973.3
172.5°	980.0	980.0	979.8	979.2	978.6
175°	984.0	985.9	985.9	985.9	985.9
177.5°	984.4	985.9	985.9	985.9	985.9
180°	985.9	985.9	985.9	985.9	985.9



TEST NUMBER: P935671  
 CATALOG NUMBER: SQ4-FA-125U-100D-935-1D-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	12.36	13.15	13.38	14.19	15.57	15.18	15.98	16.21	17.01	18.39
	3H	12.83	13.54	13.87	14.58	15.98	16.52	17.23	17.56	18.27	19.67
	4H	13.02	13.69	14.07	14.74	16.14	16.96	17.64	18.01	18.68	20.09
	6H	13.14	13.76	14.19	14.80	16.22	17.24	17.86	18.30	18.91	20.33
	8H	13.14	13.73	14.20	14.79	16.20	17.31	17.91	18.38	18.97	20.38
	12H	13.10	13.66	14.17	14.72	16.16	17.35	17.91	18.42	18.97	20.41
4H	2H	13.38	14.06	14.44	15.10	16.51	15.59	16.26	16.64	17.30	18.71
	3H	14.40	14.97	15.46	16.04	17.46	17.08	17.64	18.14	18.72	20.14
	4H	14.68	15.19	15.74	16.25	17.70	17.61	18.12	18.67	19.18	20.63
	6H	14.80	15.24	15.87	16.33	17.76	17.97	18.41	19.04	19.49	20.93
	8H	14.80	15.22	15.88	16.29	17.75	18.07	18.48	19.15	19.56	21.01
	12H	14.77	15.14	15.86	16.23	17.69	18.12	18.50	19.22	19.59	21.05
8H	4H	15.12	15.54	16.20	16.61	18.07	17.73	18.14	18.80	19.22	20.67
	6H	15.38	15.72	16.48	16.84	18.29	18.16	18.50	19.26	19.62	21.07
	8H	15.43	15.72	16.53	16.83	18.30	18.31	18.61	19.41	19.71	21.18
	12H	15.41	15.67	16.52	16.77	18.28	18.40	18.67	19.51	19.76	21.27
12H	4H	15.13	15.50	16.22	16.59	18.05	17.69	18.06	18.78	19.15	20.61
	6H	15.44	15.74	16.55	16.84	18.31	18.16	18.45	19.26	19.56	21.03
	8H	15.51	15.77	16.62	16.87	18.38	18.31	18.58	19.42	19.67	21.18