

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: P935651

Luminaire Tested: SQ4-FA-125U-100D-930-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935651
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-930-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

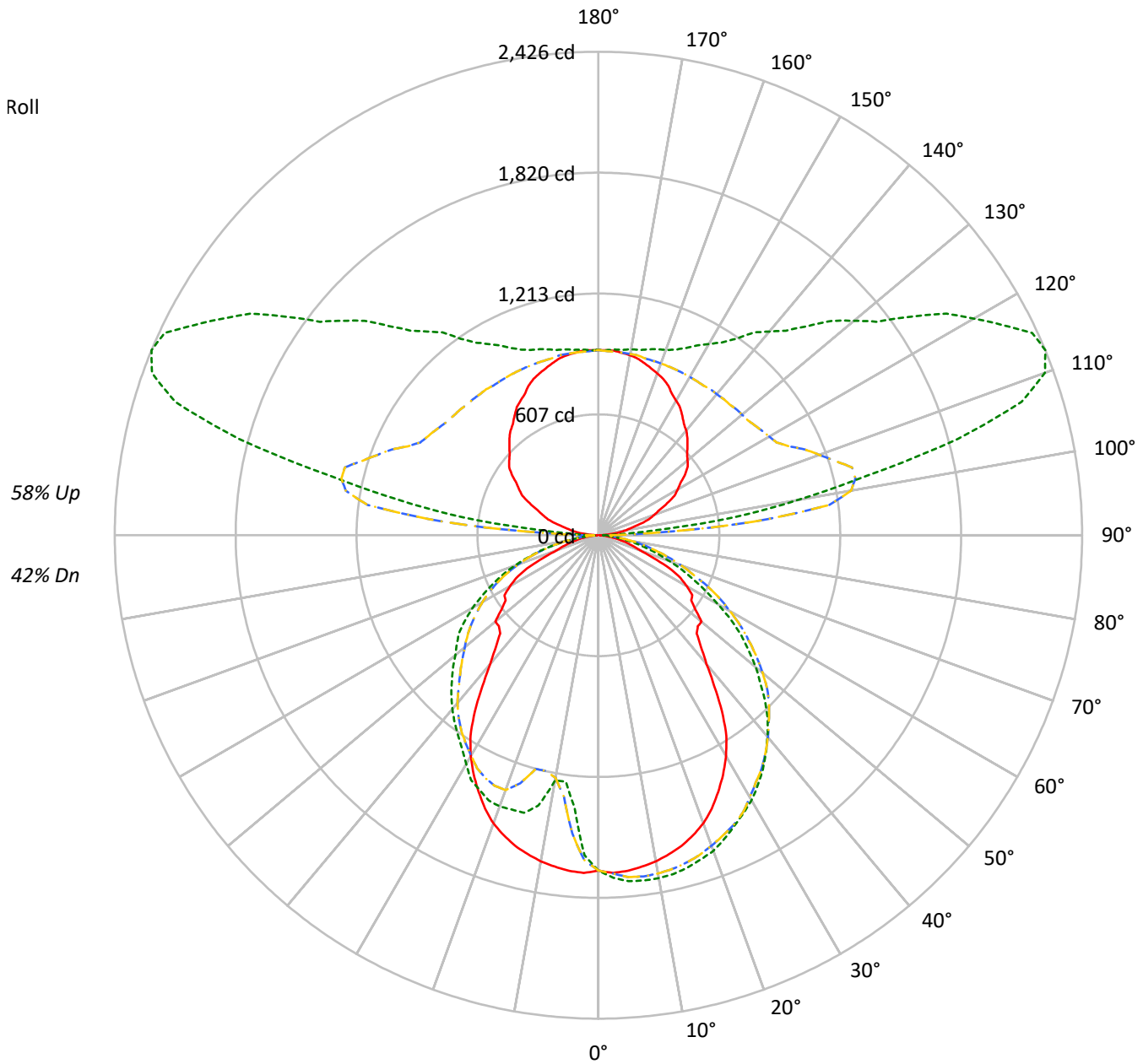
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10388.4 lumens
Efficiency: N/A
Efficacy: 107.5 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

TEST NUMBER: P935651
CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-6

Luminous Intensity Polar Plot



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



TEST NUMBER: P935651

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-6

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	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	41	41	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	35	35	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	30	30	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	25	25	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	22	22	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	19	19	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	15	15	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	14	14	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	13	13	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10405	10405	10405	10405
5°	10479	10503	10479	8259
10°	10405	10346	10405	7397
15°	10288	10122	10288	8452
20°	10069	9857	10069	8469
25°	9624	9469	9624	8290
30°	9052	9148	9052	7896
35°	8066	8741	8066	7463
40°	6717	8262	6717	7136
45°	5998	7702	5998	6760
50°	6367	7033	6367	6382
55°	5985	6313	5985	6163
60°	6162	5362	6162	5645
65°	5578	4432	5578	4955
70°	3853	3532	3853	4153
75°	3366	2611	3366	3127
80°	2692	1727	2692	1879
85°	1520	915	1520	777

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9198 cd/sqm



TEST NUMBER: P935651

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.8	1.5
10°-20°	431.1	4.1
20°-30°	666.4	6.4
30°-40°	795.5	7.7
40°-50°	800.2	7.7
50°-60°	696.3	6.7
60°-70°	493.7	4.8
70°-80°	261.2	2.5
80°-90°	68.6	0.7
90°-100°	452.9	4.4
100°-110°	1190.8	11.5
110°-120°	1234.8	11.9
120°-130°	990.4	9.5
130°-140°	777.1	7.5
140°-150°	596.5	5.7
150°-160°	429.6	4.1
160°-170°	262.8	2.5
170°-180°	88.8	0.9
0°-30°	1249.3	12.0
0°-40°	2044.8	19.7
0°-60°	3541.2	34.1
0°-90°	4364.6	42.0
90°-120°	2878.5	27.7
90°-150°	5242.5	50.5
90°-180°	6024.0	58.0
0°-180°	10388.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1682	1682	1682	1682	1682	
5°	1690	1742	1690	1370	1690	160
15°	1614	1726	1614	1442	1614	454
25°	1421	1610	1421	1410	1421	652
35°	1080	1437	1080	1227	1080	668
45°	697	1184	697	1039	697	558
55°	568	874	568	853	568	522
65°	395	527	395	589	395	377
75°	150	250	150	299	150	157
85°	26	64	26	54	26	34
90°	6	24	6	24	6	6
95°	60	274	60	274	60	66
105°	215	1865	215	1865	215	227
115°	381	2401	381	2401	381	376
125°	530	1912	530	1912	530	471
135°	632	1484	632	1484	632	489
145°	733	1204	733	1204	733	459
155°	828	1036	828	1036	828	381
165°	894	965	894	965	894	252
175°	929	936	929	936	929	88
180°	929	929	929	929	929	



TEST NUMBER: P935651
 CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0
2.5°	1696.3	1696.3	1705.9	1709.0	1709.0	1704.3	1699.5	1704.3	1718.6	1723.4	1721.8
5°	1689.9	1702.7	1720.2	1723.4	1726.5	1724.9	1721.8	1724.9	1740.8	1744.0	1745.6
7.5°	1677.2	1701.1	1723.4	1728.1	1732.9	1728.1	1726.5	1729.7	1745.6	1748.9	1748.9
10°	1661.3	1694.7	1720.2	1723.4	1728.1	1723.4	1723.4	1729.7	1745.6	1748.9	1750.4
12.5°	1639.0	1685.2	1709.0	1712.2	1718.6	1717.0	1715.4	1721.8	1737.7	1740.8	1740.8
15°	1613.5	1667.7	1689.9	1693.1	1704.3	1701.1	1701.1	1707.4	1724.9	1729.7	1728.1
17.5°	1578.5	1645.3	1670.9	1675.6	1683.6	1682.0	1683.6	1689.9	1705.9	1709.0	1710.6
20°	1538.8	1615.2	1645.3	1650.2	1658.1	1658.1	1658.1	1666.1	1682.0	1688.4	1688.4
22.5°	1484.7	1583.4	1615.2	1618.4	1627.9	1627.9	1631.1	1642.2	1656.5	1658.1	1658.1
25°	1421.0	1548.3	1575.4	1584.9	1594.4	1599.3	1604.0	1610.4	1615.2	1613.5	1615.2
27.5°	1354.2	1503.8	1538.8	1545.1	1557.9	1562.6	1569.0	1570.6	1572.2	1576.9	1573.8
30°	1279.4	1441.7	1494.2	1500.6	1521.3	1524.4	1518.1	1521.3	1529.2	1532.4	1535.6
32.5°	1195.0	1349.4	1448.0	1462.4	1481.5	1471.9	1470.4	1475.1	1487.9	1487.9	1491.0
35°	1080.5	1277.8	1405.1	1417.9	1432.2	1421.0	1427.4	1428.9	1436.9	1441.7	1440.1
37.5°	954.8	1215.7	1360.5	1370.1	1381.2	1366.9	1376.4	1381.2	1387.6	1384.5	1384.5
40°	843.4	1118.7	1308.0	1314.4	1324.0	1312.8	1322.4	1325.5	1328.7	1325.5	1324.0
42.5°	760.6	1012.0	1252.4	1260.3	1254.0	1261.9	1265.0	1271.5	1266.7	1260.3	1260.3
45°	697.0	983.4	1191.9	1201.4	1191.9	1204.6	1209.4	1209.4	1195.0	1191.9	1190.3
47.5°	676.3	926.1	1131.4	1131.4	1126.6	1142.5	1150.5	1139.4	1125.0	1120.3	1120.3
50°	674.7	862.5	1048.6	1042.3	1064.5	1083.6	1075.7	1064.5	1053.5	1036.0	1036.0
52.5°	612.6	784.5	942.0	965.9	1000.9	1012.0	999.3	988.2	969.1	961.1	954.8
55°	568.1	703.3	845.0	892.7	929.3	943.6	919.8	908.6	880.0	875.2	872.1
57.5°	558.6	585.6	755.9	816.3	860.9	859.3	845.0	824.3	800.4	795.6	794.1
60°	512.4	423.3	660.4	732.0	778.1	773.4	760.6	741.6	719.2	716.1	712.9
62.5°	464.6	307.1	552.1	633.3	698.6	697.0	685.8	657.2	641.3	633.3	627.0
65°	394.7	257.8	393.1	526.7	620.6	623.8	599.9	579.2	561.7	552.1	550.6
67.5°	300.7	210.1	265.7	439.2	545.8	542.7	512.4	502.8	480.6	475.8	466.2
70°	222.8	140.0	184.6	356.5	472.6	464.6	440.8	429.7	409.0	397.8	391.5
72.5°	184.6	113.0	135.2	276.9	397.8	388.3	367.6	354.8	337.3	327.8	321.4
75°	149.6	119.3	103.4	205.2	323.0	316.7	297.6	284.8	270.5	257.8	259.4
77.5°	109.8	111.4	82.7	151.2	256.2	246.7	235.5	219.6	213.2	200.5	200.5
80°	82.7	87.5	62.1	103.4	184.6	184.6	175.1	163.9	152.7	146.4	146.4
82.5°	55.7	55.7	46.2	65.2	125.7	120.9	114.6	111.4	105.0	101.8	101.8
85°	25.5	31.8	28.7	39.7	68.4	71.6	71.6	68.4	66.8	63.7	65.2
87.5°	7.9	14.3	17.5	22.2	35.0	36.6	38.2	38.2	38.2	39.7	39.7
90°	6.3	11.2	16.2	17.4	27.4	40.7	47.4	42.1	31.6	23.7	23.7
92.5°	25.0	67.4	109.8	120.4	169.2	234.3	266.9	233.9	168.0	118.5	113.8
95°	59.9	137.5	215.0	234.5	416.4	658.9	780.2	696.2	528.2	402.2	387.9
97.5°	103.5	171.9	240.4	257.5	560.8	965.3	1167.5	1114.4	1008.2	928.6	901.4
100°	137.2	199.3	261.4	276.9	613.4	1062.2	1286.6	1290.4	1298.2	1304.0	1271.6
102.5°	165.9	223.8	281.8	296.2	637.6	1092.6	1320.2	1387.8	1523.1	1624.5	1596.8
105°	214.6	263.6	312.6	324.9	655.4	1096.2	1316.5	1468.1	1771.3	1998.7	1983.8
107.5°	264.4	310.1	355.9	367.3	658.8	1047.4	1241.7	1453.2	1876.1	2193.3	2196.9
110°	298.1	339.3	380.6	391.0	653.7	1004.1	1179.3	1415.7	1888.6	2243.3	2258.8



TEST NUMBER: P935651

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	331.2	370.5	409.9	419.7	654.0	966.3	1122.5	1364.5	1848.4	2211.4	2235.2
115°	381.0	417.3	453.7	462.8	660.1	923.0	1054.6	1287.7	1753.9	2103.5	2136.6
117.5°	430.3	463.3	496.3	504.5	672.3	895.9	1007.8	1218.2	1638.9	1954.5	1991.1
120°	459.0	490.1	521.1	528.9	682.2	886.8	989.1	1181.3	1565.7	1854.0	1889.7
122.5°	487.1	518.4	549.7	557.5	696.6	882.0	974.8	1147.9	1494.1	1753.7	1788.8
125°	530.1	558.6	587.2	594.3	716.0	878.1	959.2	1106.2	1400.3	1620.9	1653.2
127.5°	565.0	593.8	622.6	629.9	735.3	875.8	946.1	1072.3	1324.9	1514.2	1541.5
130°	583.7	614.8	645.8	653.6	749.4	877.1	941.0	1053.5	1278.2	1446.8	1472.1
132.5°	603.1	634.1	665.1	672.9	760.8	878.1	936.7	1037.3	1238.5	1389.4	1412.0
135°	631.7	660.0	688.3	695.3	773.3	877.3	929.2	1013.5	1182.0	1308.4	1327.8
137.5°	661.0	689.1	717.1	724.1	792.0	882.7	927.9	999.2	1141.6	1248.5	1264.4
140°	685.4	711.1	736.9	743.3	803.4	883.5	923.6	985.1	1108.2	1200.5	1215.4
142.5°	704.1	727.9	751.8	757.7	813.0	886.8	923.6	977.7	1085.7	1166.8	1179.7
145°	732.7	753.5	774.3	779.6	825.5	886.8	917.3	961.6	1050.0	1116.3	1126.0
147.5°	761.5	781.7	802.0	807.0	843.8	892.9	917.3	952.1	1021.7	1073.9	1082.0
150°	780.2	798.5	816.7	821.3	853.3	896.0	917.3	946.7	1005.5	1049.6	1056.1
152.5°	799.5	813.4	827.3	830.7	859.6	898.1	917.3	942.4	992.6	1030.2	1035.1
155°	828.2	838.5	848.7	851.3	873.3	902.7	917.3	937.3	977.3	1007.2	1010.5
157.5°	849.4	859.4	869.3	871.8	887.0	907.2	917.3	932.8	963.9	987.2	989.5
160°	863.7	871.5	879.3	881.2	893.3	909.3	917.3	930.7	957.3	977.3	978.5
162.5°	878.1	883.9	889.7	891.2	899.9	911.6	917.3	928.6	951.0	967.9	969.1
165°	893.7	899.0	904.3	905.5	909.5	914.7	917.3	925.4	941.5	953.6	954.8
167.5°	908.0	910.5	913.0	913.7	916.9	921.4	923.6	928.9	939.4	947.3	947.9
170°	917.3	919.8	922.3	923.0	923.2	923.4	923.6	928.9	939.4	947.3	947.3
172.5°	922.3	922.9	923.4	923.6	923.6	923.6	923.6	927.8	936.1	942.3	941.8
175°	929.2	929.2	929.2	929.2	927.4	924.9	923.6	926.3	931.6	935.5	935.5
177.5°	929.2	929.2	929.2	929.2	927.8	925.8	924.8	926.9	931.1	934.2	933.6
180°	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2



TEST NUMBER: P935651
 CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0
2.5°	1724.9	1720.2	1724.9	1721.8	1723.4	1718.6	1704.3	1699.5	1704.3	1709.0	1709.0
5°	1745.6	1742.4	1745.6	1745.6	1744.0	1740.8	1724.9	1721.8	1724.9	1726.5	1723.4
7.5°	1752.0	1747.2	1752.0	1748.9	1748.9	1745.6	1729.7	1726.5	1728.1	1732.9	1728.1
10°	1752.0	1747.2	1752.0	1750.4	1748.9	1745.6	1729.7	1723.4	1723.4	1728.1	1723.4
12.5°	1744.0	1740.8	1744.0	1740.8	1740.8	1737.7	1721.8	1715.4	1717.0	1718.6	1712.2
15°	1731.3	1726.5	1731.3	1728.1	1729.7	1724.9	1707.4	1701.1	1701.1	1704.3	1693.1
17.5°	1712.2	1705.9	1712.2	1710.6	1709.0	1705.9	1689.9	1683.6	1682.0	1683.6	1675.6
20°	1689.9	1685.2	1689.9	1688.4	1688.4	1682.0	1666.1	1658.1	1658.1	1658.1	1650.2
22.5°	1654.9	1650.2	1654.9	1658.1	1658.1	1656.5	1642.2	1631.1	1627.9	1627.9	1618.4
25°	1615.2	1610.4	1615.2	1615.2	1613.5	1615.2	1610.4	1604.0	1599.3	1594.4	1584.9
27.5°	1576.9	1573.8	1576.9	1573.8	1576.9	1572.2	1570.6	1569.0	1562.6	1557.9	1545.1
30°	1538.8	1535.6	1538.8	1535.6	1532.4	1529.2	1521.3	1518.1	1524.4	1521.3	1500.6
32.5°	1491.0	1487.9	1491.0	1491.0	1487.9	1487.9	1475.1	1470.4	1471.9	1481.5	1462.4
35°	1441.7	1436.9	1441.7	1440.1	1441.7	1436.9	1428.9	1427.4	1421.0	1432.2	1417.9
37.5°	1384.5	1379.6	1384.5	1384.5	1384.5	1387.6	1381.2	1376.4	1366.9	1381.2	1370.1
40°	1325.5	1319.2	1325.5	1324.0	1325.5	1328.7	1325.5	1322.4	1312.8	1324.0	1314.4
42.5°	1258.7	1257.1	1258.7	1260.3	1260.3	1266.7	1271.5	1265.0	1261.9	1254.0	1260.3
45°	1187.1	1183.9	1187.1	1190.3	1191.9	1195.0	1209.4	1209.4	1204.6	1191.9	1201.4
47.5°	1110.7	1102.8	1110.7	1120.3	1120.3	1125.0	1139.4	1150.5	1142.5	1126.6	1131.4
50°	1029.5	1031.1	1029.5	1036.0	1036.0	1053.5	1064.5	1075.7	1083.6	1064.5	1042.3
52.5°	950.0	948.4	950.0	954.8	961.1	969.1	988.2	999.3	1012.0	1000.9	965.9
55°	870.5	873.6	870.5	872.1	875.2	880.0	908.6	919.8	943.6	929.3	892.7
57.5°	790.9	786.1	790.9	794.1	795.6	800.4	824.3	845.0	859.3	860.9	816.3
60°	698.6	692.2	698.6	712.9	716.1	719.2	741.6	760.6	773.4	778.1	732.0
62.5°	617.4	606.3	617.4	627.0	633.3	641.3	657.2	685.8	697.0	698.6	633.3
65°	531.5	526.7	531.5	550.6	552.1	561.7	579.2	599.9	623.8	620.6	526.7
67.5°	453.5	453.5	453.5	466.2	475.8	480.6	502.8	512.4	542.7	545.8	439.2
70°	381.9	380.3	381.9	391.5	397.8	409.0	429.7	440.8	464.6	472.6	356.5
72.5°	313.5	311.9	313.5	321.4	327.8	337.3	354.8	367.6	388.3	397.8	276.9
75°	253.0	249.8	253.0	259.4	257.8	270.5	284.8	297.6	316.7	323.0	205.2
77.5°	194.2	194.2	194.2	200.5	200.5	213.2	219.6	235.5	246.7	256.2	151.2
80°	144.8	143.3	144.8	146.4	146.4	152.7	163.9	175.1	184.6	184.6	103.4
82.5°	101.8	98.7	101.8	101.8	101.8	105.0	111.4	114.6	120.9	125.7	65.2
85°	63.7	63.7	63.7	65.2	63.7	66.8	68.4	71.6	71.6	68.4	39.7
87.5°	41.4	39.7	41.4	39.7	39.7	38.2	38.2	38.2	36.6	35.0	22.2
90°	23.7	23.7	23.7	23.7	23.7	31.6	42.1	47.4	40.7	27.4	17.4
92.5°	94.9	76.0	94.9	113.8	118.5	168.0	233.9	266.9	234.3	169.2	120.4
95°	330.8	273.7	330.8	387.9	402.2	528.2	696.2	780.2	658.9	416.4	234.5
97.5°	792.8	684.2	792.8	901.4	928.6	1008.2	1114.4	1167.5	965.3	560.8	257.5
100°	1142.3	1012.8	1142.3	1271.6	1304.0	1298.2	1290.4	1286.6	1062.2	613.4	276.9
102.5°	1486.0	1375.1	1486.0	1596.8	1624.5	1523.1	1387.8	1320.2	1092.6	637.6	296.2
105°	1924.2	1864.6	1924.2	1983.8	1998.7	1771.3	1468.1	1316.5	1096.2	655.4	324.9
107.5°	2211.3	2225.8	2211.3	2196.9	2193.3	1876.1	1453.2	1241.7	1047.4	658.8	367.3
110°	2320.8	2382.9	2320.8	2258.8	2243.3	1888.6	1415.7	1179.3	1004.1	653.7	391.0



TEST NUMBER: P935651

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2330.5	2425.9	2330.5	2235.2	2211.4	1848.4	1364.5	1122.5	966.3	654.0	419.7
115°	2268.8	2401.0	2268.8	2136.6	2103.5	1753.9	1287.7	1054.6	923.0	660.1	462.8
117.5°	2137.7	2284.4	2137.7	1991.1	1954.5	1638.9	1218.2	1007.8	895.9	672.3	504.5
120°	2032.2	2174.6	2032.2	1889.7	1854.0	1565.7	1181.3	989.1	886.8	682.2	528.9
122.5°	1929.3	2069.8	1929.3	1788.8	1753.7	1494.1	1147.9	974.8	882.0	696.6	557.5
125°	1782.7	1912.1	1782.7	1653.2	1620.9	1400.3	1106.2	959.2	878.1	716.0	594.3
127.5°	1650.7	1759.9	1650.7	1541.5	1514.2	1324.9	1072.3	946.1	875.8	735.3	629.9
130°	1573.0	1673.9	1573.0	1472.1	1446.8	1278.2	1053.5	941.0	877.1	749.4	653.6
132.5°	1502.4	1592.8	1502.4	1412.0	1389.4	1238.5	1037.3	936.7	878.1	760.8	672.9
135°	1405.7	1483.6	1405.7	1327.8	1308.4	1182.0	1013.5	929.2	877.3	773.3	695.3
137.5°	1328.2	1391.9	1328.2	1264.4	1248.5	1141.6	999.2	927.9	882.7	792.0	724.1
140°	1275.0	1334.6	1275.0	1215.4	1200.5	1108.2	985.1	923.6	883.5	803.4	743.3
142.5°	1230.9	1282.2	1230.9	1179.7	1166.8	1085.7	977.7	923.6	886.8	813.0	757.7
145°	1164.8	1203.6	1164.8	1126.0	1116.3	1050.0	961.6	917.3	886.8	825.5	779.6
147.5°	1114.2	1146.3	1114.2	1082.0	1073.9	1021.7	952.1	917.3	892.9	843.8	807.0
150°	1082.2	1108.2	1082.2	1056.1	1049.6	1005.5	946.7	917.3	896.0	853.3	821.3
152.5°	1054.8	1074.5	1054.8	1035.1	1030.2	992.6	942.4	917.3	898.1	859.6	830.7
155°	1023.5	1036.5	1023.5	1010.5	1007.2	977.3	937.3	917.3	902.7	873.3	851.3
157.5°	998.6	1007.8	998.6	989.5	987.2	963.9	932.8	917.3	907.2	887.0	871.8
160°	983.8	989.1	983.8	978.5	977.3	957.3	930.7	917.3	909.3	893.3	881.2
162.5°	974.1	979.1	974.1	969.1	967.9	951.0	928.6	917.3	911.6	899.9	891.2
165°	960.1	965.4	960.1	954.8	953.6	941.5	925.4	917.3	914.7	909.5	905.5
167.5°	950.0	952.3	950.0	947.9	947.3	939.4	928.9	923.6	921.4	916.9	913.7
170°	947.3	947.3	947.3	947.3	947.3	939.4	928.9	923.6	923.4	923.2	923.0
172.5°	939.9	938.0	939.9	941.8	942.3	936.1	927.8	923.6	923.6	923.6	923.6
175°	935.5	935.5	935.5	935.5	935.5	931.6	926.3	923.6	924.9	927.4	929.2
177.5°	931.5	929.2	931.5	933.6	934.2	931.1	926.9	924.8	925.8	927.8	929.2
180°	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2



TEST NUMBER: P935651

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0
2.5°	1705.9	1696.3	1696.3	1680.4	1674.0	1669.3	1661.3	1637.4	1631.1	1624.7	1634.3
5°	1720.2	1702.7	1689.9	1661.3	1637.4	1627.9	1597.6	1540.4	1502.2	1473.5	1457.6
7.5°	1723.4	1701.1	1677.2	1632.7	1575.4	1549.9	1457.6	1352.6	1324.0	1298.5	1282.6
10°	1720.2	1694.7	1661.3	1594.4	1459.2	1414.6	1322.4	1254.0	1236.5	1231.6	1236.5
12.5°	1709.0	1685.2	1639.0	1527.6	1338.3	1308.0	1254.0	1214.1	1211.0	1219.0	1261.9
15°	1689.9	1667.7	1613.5	1438.5	1271.5	1249.1	1211.0	1196.6	1214.1	1269.9	1398.7
17.5°	1670.9	1645.3	1578.5	1351.0	1220.5	1204.6	1177.5	1206.2	1304.9	1379.6	1422.6
20°	1645.3	1615.2	1538.8	1287.4	1183.9	1169.6	1156.9	1285.8	1360.5	1387.6	1411.4
22.5°	1615.2	1583.4	1484.7	1242.8	1145.7	1134.6	1142.5	1330.3	1360.5	1379.6	1400.4
25°	1575.4	1548.3	1421.0	1207.8	1115.5	1102.8	1133.0	1325.5	1343.0	1347.8	1389.2
27.5°	1538.8	1503.8	1354.2	1176.0	1078.9	1074.1	1141.0	1304.9	1317.6	1322.4	1366.9
30°	1494.2	1441.7	1279.4	1142.5	1040.7	1039.1	1142.5	1279.4	1276.2	1289.0	1333.5
32.5°	1448.0	1349.4	1195.0	1101.2	1004.1	1002.5	1131.4	1241.2	1238.0	1255.5	1289.0
35°	1405.1	1277.8	1080.5	1053.5	958.0	959.5	1104.4	1196.6	1198.2	1214.1	1234.9
37.5°	1360.5	1215.7	954.8	1000.9	913.4	913.4	1067.7	1155.3	1152.1	1156.9	1185.5
40°	1308.0	1118.7	843.4	932.5	872.1	867.2	1023.2	1110.7	1099.5	1098.0	1137.8
42.5°	1252.4	1012.0	760.6	841.8	824.3	817.9	969.1	1056.6	1036.0	1040.7	1091.6
45°	1191.9	983.4	697.0	711.3	775.0	770.2	910.2	994.5	980.2	993.0	1045.5
47.5°	1131.4	926.1	676.3	590.4	722.5	720.9	845.0	934.0	926.1	938.9	994.5
50°	1048.6	862.5	674.7	506.1	663.6	669.9	767.0	875.2	875.2	886.4	945.2
52.5°	942.0	784.5	612.6	458.3	595.1	614.2	698.6	824.3	827.5	838.6	891.1
55°	845.0	703.3	568.1	421.7	514.0	555.4	631.7	771.8	778.1	789.3	837.0
57.5°	755.9	585.6	558.6	378.7	439.2	479.0	572.9	720.9	724.1	733.6	779.7
60°	660.4	423.3	512.4	332.6	374.0	404.1	518.7	660.4	671.5	677.9	717.6
62.5°	552.1	307.1	464.6	300.7	342.2	348.5	474.2	603.1	617.4	622.2	646.1
65°	393.1	257.8	394.7	273.7	308.7	310.3	426.5	544.2	557.0	564.9	582.4
67.5°	265.7	210.1	300.7	248.2	283.2	284.8	380.3	475.8	493.3	499.6	510.8
70°	184.6	140.0	222.8	221.2	254.6	257.8	331.0	413.7	429.7	434.4	440.8
72.5°	135.2	113.0	184.6	198.9	224.4	227.6	280.1	343.7	359.7	364.4	367.6
75°	103.4	119.3	149.6	173.4	191.0	192.6	229.2	280.1	291.2	294.4	296.0
77.5°	82.7	111.4	109.8	140.0	155.9	152.7	179.8	216.4	226.0	226.0	226.0
80°	62.1	87.5	82.7	100.2	114.6	111.4	128.9	154.3	157.5	160.7	159.2
82.5°	46.2	55.7	55.7	63.7	76.4	73.2	85.9	100.2	100.2	100.2	103.4
85°	28.7	31.8	25.5	33.4	43.0	41.4	47.8	54.1	55.7	55.7	52.5
87.5°	17.5	14.3	7.9	12.8	19.1	19.1	22.2	23.8	22.2	22.2	22.2
90°	16.2	11.2	6.3	11.2	16.2	17.4	27.4	40.7	47.4	42.1	31.6
92.5°	109.8	67.4	25.0	67.4	109.8	120.4	169.2	234.3	266.9	233.9	168.0
95°	215.0	137.5	59.9	137.5	215.0	234.5	416.4	658.9	780.2	696.2	528.2
97.5°	240.4	171.9	103.5	171.9	240.4	257.5	560.8	965.3	1167.5	1114.4	1008.2
100°	261.4	199.3	137.2	199.3	261.4	276.9	613.4	1062.2	1286.6	1290.4	1298.2
102.5°	281.8	223.8	165.9	223.8	281.8	296.2	637.6	1092.6	1320.2	1387.8	1523.1
105°	312.6	263.6	214.6	263.6	312.6	324.9	655.4	1096.2	1316.5	1468.1	1771.3
107.5°	355.9	310.1	264.4	310.1	355.9	367.3	658.8	1047.4	1241.7	1453.2	1876.1
110°	380.6	339.3	298.1	339.3	380.6	391.0	653.7	1004.1	1179.3	1415.7	1888.6



TEST NUMBER: P935651

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	409.9	370.5	331.2	370.5	409.9	419.7	654.0	966.3	1122.5	1364.5	1848.4
115°	453.7	417.3	381.0	417.3	453.7	462.8	660.1	923.0	1054.6	1287.7	1753.9
117.5°	496.3	463.3	430.3	463.3	496.3	504.5	672.3	895.9	1007.8	1218.2	1638.9
120°	521.1	490.1	459.0	490.1	521.1	528.9	682.2	886.8	989.1	1181.3	1565.7
122.5°	549.7	518.4	487.1	518.4	549.7	557.5	696.6	882.0	974.8	1147.9	1494.1
125°	587.2	558.6	530.1	558.6	587.2	594.3	716.0	878.1	959.2	1106.2	1400.3
127.5°	622.6	593.8	565.0	593.8	622.6	629.9	735.3	875.8	946.1	1072.3	1324.9
130°	645.8	614.8	583.7	614.8	645.8	653.6	749.4	877.1	941.0	1053.5	1278.2
132.5°	665.1	634.1	603.1	634.1	665.1	672.9	760.8	878.1	936.7	1037.3	1238.5
135°	688.3	660.0	631.7	660.0	688.3	695.3	773.3	877.3	929.2	1013.5	1182.0
137.5°	717.1	689.1	661.0	689.1	717.1	724.1	792.0	882.7	927.9	999.2	1141.6
140°	736.9	711.1	685.4	711.1	736.9	743.3	803.4	883.5	923.6	985.1	1108.2
142.5°	751.8	727.9	704.1	727.9	751.8	757.7	813.0	886.8	923.6	977.7	1085.7
145°	774.3	753.5	732.7	753.5	774.3	779.6	825.5	886.8	917.3	961.6	1050.0
147.5°	802.0	781.7	761.5	781.7	802.0	807.0	843.8	892.9	917.3	952.1	1021.7
150°	816.7	798.5	780.2	798.5	816.7	821.3	853.3	896.0	917.3	946.7	1005.5
152.5°	827.3	813.4	799.5	813.4	827.3	830.7	859.6	898.1	917.3	942.4	992.6
155°	848.7	838.5	828.2	838.5	848.7	851.3	873.3	902.7	917.3	937.3	977.3
157.5°	869.3	859.4	849.4	859.4	869.3	871.8	887.0	907.2	917.3	932.8	963.9
160°	879.3	871.5	863.7	871.5	879.3	881.2	893.3	909.3	917.3	930.7	957.3
162.5°	889.7	883.9	878.1	883.9	889.7	891.2	899.9	911.6	917.3	928.6	951.0
165°	904.3	899.0	893.7	899.0	904.3	905.5	909.5	914.7	917.3	925.4	941.5
167.5°	913.0	910.5	908.0	910.5	913.0	913.7	916.9	921.4	923.6	928.9	939.4
170°	922.3	919.8	917.3	919.8	922.3	923.0	923.2	923.4	923.6	928.9	939.4
172.5°	923.4	922.9	922.3	922.9	923.4	923.6	923.6	923.6	923.6	927.8	936.1
175°	929.2	929.2	929.2	929.2	929.2	929.2	927.4	924.9	923.6	926.3	931.6
177.5°	929.2	929.2	929.2	929.2	929.2	929.2	927.8	925.8	924.8	926.9	931.1
180°	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2



TEST NUMBER: P935651
 CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0
2.5°	1623.1	1618.4	1624.7	1607.2	1624.7	1618.4	1623.1	1634.3	1624.7	1631.1	1637.4
5°	1424.2	1416.3	1390.8	1370.1	1390.8	1416.3	1424.2	1457.6	1473.5	1502.2	1540.4
7.5°	1273.0	1266.7	1260.3	1247.5	1260.3	1266.7	1273.0	1282.6	1298.5	1324.0	1352.6
10°	1239.6	1241.2	1250.8	1249.1	1250.8	1241.2	1239.6	1236.5	1231.6	1236.5	1254.0
12.5°	1325.5	1339.9	1392.4	1389.2	1392.4	1339.9	1325.5	1261.9	1219.0	1211.0	1214.1
15°	1424.2	1428.9	1440.1	1441.7	1440.1	1428.9	1424.2	1398.7	1269.9	1214.1	1196.6
17.5°	1433.8	1435.4	1443.3	1443.3	1443.3	1435.4	1433.8	1422.6	1379.6	1304.9	1206.2
20°	1425.8	1428.9	1444.9	1448.0	1444.9	1428.9	1425.8	1411.4	1387.6	1360.5	1285.8
22.5°	1422.6	1428.9	1441.7	1440.1	1441.7	1428.9	1422.6	1400.4	1379.6	1360.5	1330.3
25°	1406.7	1406.7	1408.3	1409.9	1408.3	1406.7	1406.7	1389.2	1347.8	1343.0	1325.5
27.5°	1373.3	1376.4	1386.0	1384.5	1386.0	1376.4	1373.3	1366.9	1322.4	1317.6	1304.9
30°	1343.0	1339.9	1331.9	1325.5	1331.9	1339.9	1343.0	1333.5	1289.0	1276.2	1279.4
32.5°	1292.1	1284.2	1276.2	1271.5	1276.2	1284.2	1292.1	1289.0	1255.5	1238.0	1241.2
35°	1231.6	1233.2	1231.6	1226.9	1231.6	1233.2	1231.6	1234.9	1214.1	1198.2	1196.6
37.5°	1188.7	1191.9	1190.3	1183.9	1190.3	1191.9	1188.7	1185.5	1156.9	1152.1	1155.3
40°	1144.1	1145.7	1144.1	1139.4	1144.1	1145.7	1144.1	1137.8	1098.0	1099.5	1110.7
42.5°	1101.2	1099.5	1094.8	1091.6	1094.8	1099.5	1101.2	1091.6	1040.7	1036.0	1056.6
45°	1051.8	1053.5	1043.9	1039.1	1043.9	1053.5	1051.8	1045.5	993.0	980.2	994.5
47.5°	1002.5	1002.5	994.5	989.8	994.5	1002.5	1002.5	994.5	938.9	926.1	934.0
50°	950.0	948.4	937.3	935.7	937.3	948.4	950.0	945.2	886.4	875.2	875.2
52.5°	889.6	889.6	891.1	894.3	891.1	889.6	889.6	891.1	838.6	827.5	824.3
55°	837.0	838.6	849.7	852.9	849.7	838.6	837.0	837.0	789.3	778.1	771.8
57.5°	782.9	782.9	790.9	790.9	790.9	782.9	782.9	779.7	733.6	724.1	720.9
60°	720.9	724.1	730.4	728.8	730.4	724.1	720.9	717.6	677.9	671.5	660.4
62.5°	655.6	658.8	660.4	657.2	660.4	658.8	655.6	646.1	622.2	617.4	603.1
65°	587.2	590.4	592.0	588.8	592.0	590.4	587.2	582.4	564.9	557.0	544.2
67.5°	517.1	515.6	514.0	520.3	514.0	515.6	517.1	510.8	499.6	493.3	475.8
70°	445.6	445.6	444.0	447.1	444.0	445.6	445.6	440.8	434.4	429.7	413.7
72.5°	369.1	367.6	374.0	369.1	374.0	367.6	369.1	367.6	364.4	359.7	343.7
75°	294.4	297.6	294.4	299.2	294.4	297.6	294.4	296.0	294.4	291.2	280.1
77.5°	224.4	227.6	224.4	224.4	224.4	227.6	224.4	226.0	226.0	226.0	216.4
80°	159.2	157.5	157.5	155.9	157.5	157.5	159.2	159.2	160.7	157.5	154.3
82.5°	101.8	100.2	100.2	103.4	100.2	100.2	101.8	103.4	100.2	100.2	100.2
85°	55.7	57.3	54.1	54.1	54.1	57.3	55.7	52.5	55.7	55.7	54.1
87.5°	20.7	19.1	19.1	19.1	19.1	19.1	20.7	22.2	22.2	22.2	23.8
90°	23.7	23.7	23.7	23.7	23.7	23.7	23.7	31.6	42.1	47.4	40.7
92.5°	118.5	113.8	94.9	76.0	94.9	113.8	118.5	168.0	233.9	266.9	234.3
95°	402.2	387.9	330.8	273.7	330.8	387.9	402.2	528.2	696.2	780.2	658.9
97.5°	928.6	901.4	792.8	684.2	792.8	901.4	928.6	1008.2	1114.4	1167.5	965.3
100°	1304.0	1271.6	1142.3	1012.8	1142.3	1271.6	1304.0	1298.2	1290.4	1286.6	1062.2
102.5°	1624.5	1596.8	1486.0	1375.1	1486.0	1596.8	1624.5	1523.1	1387.8	1320.2	1092.6
105°	1998.7	1983.8	1924.2	1864.6	1924.2	1983.8	1998.7	1771.3	1468.1	1316.5	1096.2
107.5°	2193.3	2196.9	2211.3	2225.8	2211.3	2196.9	2193.3	1876.1	1453.2	1241.7	1047.4
110°	2243.3	2258.8	2320.8	2382.9	2320.8	2258.8	2243.3	1888.6	1415.7	1179.3	1004.1



TEST NUMBER: P935651

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2211.4	2235.2	2330.5	2425.9	2330.5	2235.2	2211.4	1848.4	1364.5	1122.5	966.3
115°	2103.5	2136.6	2268.8	2401.0	2268.8	2136.6	2103.5	1753.9	1287.7	1054.6	923.0
117.5°	1954.5	1991.1	2137.7	2284.4	2137.7	1991.1	1954.5	1638.9	1218.2	1007.8	895.9
120°	1854.0	1889.7	2032.2	2174.6	2032.2	1889.7	1854.0	1565.7	1181.3	989.1	886.8
122.5°	1753.7	1788.8	1929.3	2069.8	1929.3	1788.8	1753.7	1494.1	1147.9	974.8	882.0
125°	1620.9	1653.2	1782.7	1912.1	1782.7	1653.2	1620.9	1400.3	1106.2	959.2	878.1
127.5°	1514.2	1541.5	1650.7	1759.9	1650.7	1541.5	1514.2	1324.9	1072.3	946.1	875.8
130°	1446.8	1472.1	1573.0	1673.9	1573.0	1472.1	1446.8	1278.2	1053.5	941.0	877.1
132.5°	1389.4	1412.0	1502.4	1592.8	1502.4	1412.0	1389.4	1238.5	1037.3	936.7	878.1
135°	1308.4	1327.8	1405.7	1483.6	1405.7	1327.8	1308.4	1182.0	1013.5	929.2	877.3
137.5°	1248.5	1264.4	1328.2	1391.9	1328.2	1264.4	1248.5	1141.6	999.2	927.9	882.7
140°	1200.5	1215.4	1275.0	1334.6	1275.0	1215.4	1200.5	1108.2	985.1	923.6	883.5
142.5°	1166.8	1179.7	1230.9	1282.2	1230.9	1179.7	1166.8	1085.7	977.7	923.6	886.8
145°	1116.3	1126.0	1164.8	1203.6	1164.8	1126.0	1116.3	1050.0	961.6	917.3	886.8
147.5°	1073.9	1082.0	1114.2	1146.3	1114.2	1082.0	1073.9	1021.7	952.1	917.3	892.9
150°	1049.6	1056.1	1082.2	1108.2	1082.2	1056.1	1049.6	1005.5	946.7	917.3	896.0
152.5°	1030.2	1035.1	1054.8	1074.5	1054.8	1035.1	1030.2	992.6	942.4	917.3	898.1
155°	1007.2	1010.5	1023.5	1036.5	1023.5	1010.5	1007.2	977.3	937.3	917.3	902.7
157.5°	987.2	989.5	998.6	1007.8	998.6	989.5	987.2	963.9	932.8	917.3	907.2
160°	977.3	978.5	983.8	989.1	983.8	978.5	977.3	957.3	930.7	917.3	909.3
162.5°	967.9	969.1	974.1	979.1	974.1	969.1	967.9	951.0	928.6	917.3	911.6
165°	953.6	954.8	960.1	965.4	960.1	954.8	953.6	941.5	925.4	917.3	914.7
167.5°	947.3	947.9	950.0	952.3	950.0	947.9	947.3	939.4	928.9	923.6	921.4
170°	947.3	947.3	947.3	947.3	947.3	947.3	947.3	939.4	928.9	923.6	923.4
172.5°	942.3	941.8	939.9	938.0	939.9	941.8	942.3	936.1	927.8	923.6	923.6
175°	935.5	935.5	935.5	935.5	935.5	935.5	935.5	931.6	926.3	923.6	924.9
177.5°	934.2	933.6	931.5	929.2	931.5	933.6	934.2	931.1	926.9	924.8	925.8
180°	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2	929.2



TEST NUMBER: P935651
 CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1682.0	1682.0	1682.0	1682.0	1682.0
2.5°	1661.3	1669.3	1674.0	1680.4	1696.3
5°	1597.6	1627.9	1637.4	1661.3	1689.9
7.5°	1457.6	1549.9	1575.4	1632.7	1677.2
10°	1322.4	1414.6	1459.2	1594.4	1661.3
12.5°	1254.0	1308.0	1338.3	1527.6	1639.0
15°	1211.0	1249.1	1271.5	1438.5	1613.5
17.5°	1177.5	1204.6	1220.5	1351.0	1578.5
20°	1156.9	1169.6	1183.9	1287.4	1538.8
22.5°	1142.5	1134.6	1145.7	1242.8	1484.7
25°	1133.0	1102.8	1115.5	1207.8	1421.0
27.5°	1141.0	1074.1	1078.9	1176.0	1354.2
30°	1142.5	1039.1	1040.7	1142.5	1279.4
32.5°	1131.4	1002.5	1004.1	1101.2	1195.0
35°	1104.4	959.5	958.0	1053.5	1080.5
37.5°	1067.7	913.4	913.4	1000.9	954.8
40°	1023.2	867.2	872.1	932.5	843.4
42.5°	969.1	817.9	824.3	841.8	760.6
45°	910.2	770.2	775.0	711.3	697.0
47.5°	845.0	720.9	722.5	590.4	676.3
50°	767.0	669.9	663.6	506.1	674.7
52.5°	698.6	614.2	595.1	458.3	612.6
55°	631.7	555.4	514.0	421.7	568.1
57.5°	572.9	479.0	439.2	378.7	558.6
60°	518.7	404.1	374.0	332.6	512.4
62.5°	474.2	348.5	342.2	300.7	464.6
65°	426.5	310.3	308.7	273.7	394.7
67.5°	380.3	284.8	283.2	248.2	300.7
70°	331.0	257.8	254.6	221.2	222.8
72.5°	280.1	227.6	224.4	198.9	184.6
75°	229.2	192.6	191.0	173.4	149.6
77.5°	179.8	152.7	155.9	140.0	109.8
80°	128.9	111.4	114.6	100.2	82.7
82.5°	85.9	73.2	76.4	63.7	55.7
85°	47.8	41.4	43.0	33.4	25.5
87.5°	22.2	19.1	19.1	12.8	7.9
90°	27.4	17.4	16.2	11.2	6.3
92.5°	169.2	120.4	109.8	67.4	25.0
95°	416.4	234.5	215.0	137.5	59.9
97.5°	560.8	257.5	240.4	171.9	103.5
100°	613.4	276.9	261.4	199.3	137.2
102.5°	637.6	296.2	281.8	223.8	165.9
105°	655.4	324.9	312.6	263.6	214.6
107.5°	658.8	367.3	355.9	310.1	264.4
110°	653.7	391.0	380.6	339.3	298.1



TEST NUMBER: P935651

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	654.0	419.7	409.9	370.5	331.2
115°	660.1	462.8	453.7	417.3	381.0
117.5°	672.3	504.5	496.3	463.3	430.3
120°	682.2	528.9	521.1	490.1	459.0
122.5°	696.6	557.5	549.7	518.4	487.1
125°	716.0	594.3	587.2	558.6	530.1
127.5°	735.3	629.9	622.6	593.8	565.0
130°	749.4	653.6	645.8	614.8	583.7
132.5°	760.8	672.9	665.1	634.1	603.1
135°	773.3	695.3	688.3	660.0	631.7
137.5°	792.0	724.1	717.1	689.1	661.0
140°	803.4	743.3	736.9	711.1	685.4
142.5°	813.0	757.7	751.8	727.9	704.1
145°	825.5	779.6	774.3	753.5	732.7
147.5°	843.8	807.0	802.0	781.7	761.5
150°	853.3	821.3	816.7	798.5	780.2
152.5°	859.6	830.7	827.3	813.4	799.5
155°	873.3	851.3	848.7	838.5	828.2
157.5°	887.0	871.8	869.3	859.4	849.4
160°	893.3	881.2	879.3	871.5	863.7
162.5°	899.9	891.2	889.7	883.9	878.1
165°	909.5	905.5	904.3	899.0	893.7
167.5°	916.9	913.7	913.0	910.5	908.0
170°	923.2	923.0	922.3	919.8	917.3
172.5°	923.6	923.6	923.4	922.9	922.3
175°	927.4	929.2	929.2	929.2	929.2
177.5°	927.8	929.2	929.2	929.2	929.2
180°	929.2	929.2	929.2	929.2	929.2



TEST NUMBER: P935651
 CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-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	12.15	12.95	13.18	13.98	15.36	14.98	15.77	16.00	16.80	18.18
	3H	12.63	13.34	13.66	14.38	15.78	16.32	17.03	17.35	18.07	19.47
	4H	12.81	13.49	13.86	14.53	15.94	16.76	17.43	17.80	18.47	19.88
	6H	12.93	13.55	13.99	14.60	16.02	17.04	17.66	18.09	18.70	20.12
	8H	12.93	13.52	13.99	14.58	16.00	17.11	17.70	18.17	18.76	20.18
	12H	12.90	13.46	13.96	14.52	15.95	17.14	17.71	18.21	18.76	20.20
4H	2H	13.18	13.85	14.23	14.89	16.30	15.38	16.05	16.43	17.10	18.50
	3H	14.20	14.76	15.26	15.83	17.25	16.88	17.44	17.94	18.51	19.93
	4H	14.47	14.99	15.54	16.05	17.49	17.40	17.92	18.47	18.98	20.42
	6H	14.59	15.03	15.67	16.12	17.56	17.76	18.20	18.84	19.29	20.73
	8H	14.60	15.01	15.67	16.09	17.54	17.87	18.28	18.94	19.36	20.81
	12H	14.56	14.93	15.65	16.02	17.48	17.92	18.29	19.01	19.38	20.84
8H	4H	14.92	15.33	15.99	16.41	17.86	17.52	17.93	18.60	19.01	20.46
	6H	15.18	15.52	16.28	16.64	18.09	17.95	18.29	19.05	19.41	20.86
	8H	15.22	15.52	16.32	16.62	18.09	18.10	18.40	19.21	19.50	20.97
	12H	15.20	15.46	16.31	16.56	18.07	18.20	18.46	19.31	19.56	21.07
12H	4H	14.92	15.29	16.02	16.39	17.84	17.48	17.86	18.58	18.95	20.40
	6H	15.24	15.54	16.34	16.64	18.11	17.95	18.25	19.06	19.35	20.82
	8H	15.30	15.56	16.41	16.66	18.17	18.11	18.37	19.22	19.47	20.98