

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: P934808

Luminaire Tested: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934808
REPORT IS A COMBINATION OF REPORTS P933712 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

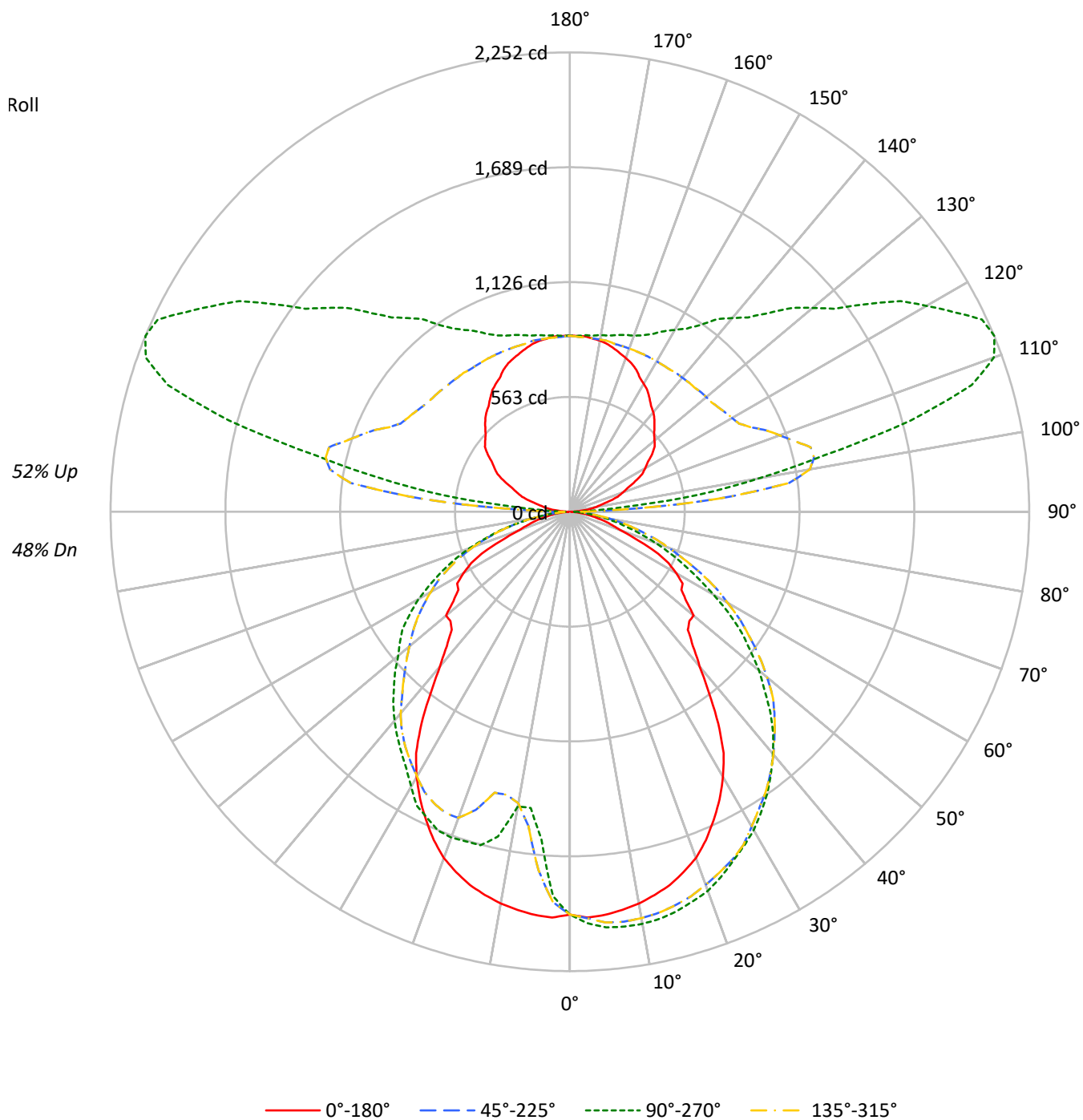
Lumens per Lamp: N/A
Luminaire Lumens: 10715.8 lumens
Efficiency: N/A
Efficacy: 126.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 84.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8

Luminous Intensity Polar Plot



TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54
1	97	93	89	86	89	86	82	79	72	70	68	60	58	56	48	47	46
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	40	39
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33
4	74	63	55	49	68	58	52	46	49	44	40	41	37	34	33	31	28
5	68	56	48	42	62	52	45	40	44	39	34	37	33	29	30	27	25
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22
7	58	45	38	32	53	42	35	30	36	30	26	30	26	23	25	22	19
8	54	41	33	28	49	38	31	27	33	27	23	28	23	20	23	20	17
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9160	9160	9160	9160
5°	9229	9247	9229	7271
10°	9167	9109	9167	6512
15°	9068	8911	9068	7441
20°	8878	8678	8878	7457
25°	8489	8336	8489	7299
30°	7988	8053	7988	6952
35°	7121	7695	7121	6570
40°	5934	7274	5934	6282
45°	5302	6780	5302	5951
50°	5633	6192	5633	5619
55°	5300	5558	5300	5426
60°	5463	4721	5463	4970
65°	4953	3902	4953	4362
70°	3430	3110	3430	3656
75°	3008	2299	3008	2753
80°	2423	1520	2423	1655
85°	1393	805	1393	684

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 8126 cd/sqm

TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.2	1.7
10°-20°	506.0	4.7
20°-30°	782.2	7.3
30°-40°	933.8	8.7
40°-50°	939.3	8.8
50°-60°	817.3	7.6
60°-70°	579.5	5.4
70°-80°	306.6	2.9
80°-90°	79.7	0.7
90°-100°	420.6	3.9
100°-110°	1105.7	10.3
110°-120°	1146.5	10.7
120°-130°	919.6	8.6
130°-140°	721.6	6.7
140°-150°	553.9	5.2
150°-160°	398.9	3.7
160°-170°	244.0	2.3
170°-180°	82.5	0.8
0°-30°	1466.5	13.7
0°-40°	2400.3	22.4
0°-60°	4156.8	38.8
0°-90°	5122.6	47.8
90°-120°	2672.8	24.9
90°-150°	4867.9	45.4
90°-180°	5593.0	52.2
0°-180°	10715.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1974	1974	1974	1974	1974	
5°	1984	2045	1984	1608	1984	188
15°	1894	2027	1894	1692	1894	533
25°	1668	1890	1668	1655	1668	766
35°	1268	1687	1268	1440	1268	785
45°	818	1390	818	1220	818	655
55°	667	1026	667	1001	667	613
65°	463	618	463	691	463	443
75°	176	293	176	351	176	185
85°	30	75	30	64	30	40
90°	6	22	6	22	6	6
95°	56	254	56	254	56	62
105°	199	1731	199	1731	199	211
115°	354	2229	354	2229	354	349
125°	492	1775	492	1775	492	437
135°	587	1378	587	1378	587	454
145°	680	1118	680	1118	680	426
155°	769	962	769	962	769	353
165°	830	896	830	896	830	234
175°	863	869	863	869	863	82
180°	863	863	863	863	863	

TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	1991.2	1991.2	2002.4	2006.1	2006.1	2000.5	1994.9	2000.5	2017.3	2023.0	2021.1
5°	1983.7	1998.7	2019.2	2023.0	2026.7	2024.8	2021.1	2024.8	2043.5	2047.2	2049.1
7.5°	1968.8	1996.8	2023.0	2028.6	2034.2	2028.6	2026.7	2030.4	2049.1	2052.8	2052.8
10°	1950.1	1989.3	2019.2	2023.0	2028.6	2023.0	2023.0	2030.4	2049.1	2052.8	2054.7
12.5°	1923.9	1978.1	2006.1	2009.9	2017.3	2015.5	2013.6	2021.1	2039.8	2043.5	2043.5
15°	1894.1	1957.6	1983.7	1987.5	2000.5	1996.8	1996.8	2004.3	2024.8	2030.4	2028.6
17.5°	1853.0	1931.4	1961.3	1966.9	1976.3	1974.4	1976.3	1983.7	2002.4	2006.1	2008.0
20°	1806.3	1895.9	1931.4	1937.0	1946.4	1946.4	1946.4	1955.7	1974.4	1981.9	1981.9
22.5°	1742.8	1858.6	1895.9	1899.7	1910.9	1910.9	1914.6	1927.7	1944.5	1946.4	1946.4
25°	1668.0	1817.5	1849.2	1860.4	1871.6	1877.2	1882.9	1890.3	1895.9	1894.1	1895.9
27.5°	1589.6	1765.2	1806.3	1813.7	1828.7	1834.3	1841.8	1843.6	1845.5	1851.1	1847.4
30°	1501.8	1692.3	1754.0	1761.4	1785.7	1789.5	1782.0	1785.7	1795.1	1798.8	1802.5
32.5°	1402.8	1584.0	1699.8	1716.6	1739.0	1727.8	1725.9	1731.5	1746.5	1746.5	1750.2
35°	1268.3	1499.9	1649.4	1664.3	1681.1	1668.0	1675.5	1677.4	1686.7	1692.3	1690.4
37.5°	1120.7	1427.1	1597.0	1608.3	1621.3	1604.5	1615.7	1621.3	1628.8	1625.1	1625.1
40°	990.0	1313.1	1535.4	1542.9	1554.1	1541.0	1552.2	1556.0	1559.7	1556.0	1554.1
42.5°	892.9	1188.0	1470.0	1479.4	1471.9	1481.2	1485.0	1492.4	1486.8	1479.4	1479.4
45°	818.2	1154.3	1399.0	1410.2	1399.0	1414.0	1419.6	1419.6	1402.8	1399.0	1397.2
47.5°	793.9	1087.2	1328.1	1328.1	1322.5	1341.1	1350.5	1337.4	1320.6	1315.0	1315.0
50°	792.0	1012.5	1230.9	1223.4	1249.6	1272.0	1262.7	1249.6	1236.5	1216.0	1216.0
52.5°	719.2	920.9	1105.9	1133.8	1174.9	1188.0	1173.0	1159.9	1137.5	1128.2	1120.7
55°	666.9	825.7	991.9	1047.9	1090.9	1107.7	1079.7	1066.6	1033.0	1027.4	1023.7
57.5°	655.7	687.4	887.3	958.3	1010.6	1008.7	991.9	967.6	939.6	934.0	932.1
60°	601.5	496.9	775.2	859.3	913.5	907.8	892.9	870.5	844.3	840.6	836.9
62.5°	545.5	360.5	648.2	743.5	820.1	818.2	805.1	771.5	752.8	743.5	736.0
65°	463.3	302.6	461.4	618.3	728.5	732.3	704.2	680.0	659.4	648.2	646.3
67.5°	353.1	246.6	312.0	515.6	640.7	637.0	601.5	590.3	564.1	558.5	547.3
70°	261.5	164.4	216.7	418.4	554.8	545.5	517.4	504.4	480.1	467.0	459.5
72.5°	216.7	132.6	158.8	325.0	467.0	455.8	431.5	416.6	396.0	384.8	377.3
75°	175.6	140.1	121.4	241.0	379.2	371.7	349.3	334.4	317.6	302.6	304.5
77.5°	128.9	130.8	97.1	177.5	300.7	289.5	276.5	257.8	250.3	235.4	235.4
80°	97.1	102.7	72.9	121.4	216.7	216.7	205.5	192.4	179.3	171.9	171.9
82.5°	65.4	65.4	54.2	76.6	147.6	142.0	134.5	130.8	123.3	119.6	119.6
85°	29.9	37.4	33.6	46.7	80.3	84.1	84.1	80.3	78.5	74.7	76.6
87.5°	9.3	16.8	20.5	26.2	41.1	43.0	44.8	44.8	44.8	46.7	46.7
90°	5.8	10.5	15.1	16.3	25.5	37.8	44.0	39.1	29.3	22.0	22.0
92.5°	23.2	62.6	102.0	111.8	157.2	217.6	247.9	217.2	156.0	110.0	105.6
95°	55.6	127.7	199.7	217.7	386.6	611.8	724.4	646.4	490.4	373.5	360.2
97.5°	96.1	159.7	223.3	239.2	520.8	896.3	1084.0	1034.7	936.1	862.3	837.1
100°	127.4	185.0	242.7	257.1	569.6	986.3	1194.6	1198.2	1205.4	1210.8	1180.8
102.5°	154.0	207.8	261.6	275.1	592.0	1014.6	1225.9	1288.6	1414.3	1508.5	1482.7
105°	199.2	244.8	290.3	301.7	608.6	1017.8	1222.4	1363.2	1644.7	1855.9	1842.0
107.5°	245.5	288.0	330.4	341.1	611.7	972.5	1152.9	1349.3	1742.0	2036.6	2039.9
110°	276.8	315.1	353.4	363.0	607.0	932.3	1095.0	1314.5	1753.6	2082.9	2097.3

TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	307.5	344.0	380.5	389.7	607.2	897.3	1042.3	1267.1	1716.4	2053.4	2075.5
115°	353.8	387.5	421.2	429.6	612.8	857.0	979.2	1195.6	1628.5	1953.2	1983.9
117.5°	399.6	430.2	460.8	468.5	624.3	831.9	935.8	1131.1	1521.8	1814.8	1848.8
120°	426.2	455.0	483.8	491.0	633.4	823.4	918.4	1096.9	1453.9	1721.5	1754.6
122.5°	452.2	481.4	510.4	517.7	646.8	818.9	905.0	1065.8	1387.3	1628.3	1660.9
125°	492.2	518.7	545.2	551.8	664.7	815.3	890.6	1027.1	1300.1	1505.0	1535.0
127.5°	524.6	551.4	578.1	584.9	682.8	813.2	878.4	995.6	1230.1	1406.0	1431.3
130°	542.0	570.8	599.6	606.8	695.8	814.5	873.9	978.2	1186.9	1343.5	1366.9
132.5°	559.9	588.8	617.7	624.8	706.5	815.3	869.7	963.1	1150.0	1290.1	1311.1
135°	586.6	612.8	639.1	645.7	718.1	814.5	862.8	941.1	1097.5	1214.9	1233.0
137.5°	613.8	639.8	665.8	672.3	735.4	819.6	861.6	927.7	1060.1	1159.3	1174.0
140°	636.4	660.3	684.2	690.2	746.0	820.4	857.6	914.8	1029.0	1114.7	1128.6
142.5°	653.8	675.9	698.1	703.6	755.0	823.4	857.6	907.8	1008.2	1083.4	1095.3
145°	680.4	699.8	719.0	723.8	766.5	823.4	851.8	892.9	975.0	1036.6	1045.5
147.5°	707.0	725.8	744.7	749.3	783.5	829.0	851.8	884.1	948.7	997.1	1004.6
150°	724.4	741.4	758.4	762.6	792.3	832.0	851.8	879.1	933.6	974.5	980.6
152.5°	742.3	755.2	768.1	771.3	798.1	833.9	851.8	875.1	921.7	956.6	961.2
155°	769.0	778.5	788.0	790.4	810.9	838.2	851.8	870.3	907.4	935.2	938.2
157.5°	788.7	797.9	807.2	809.5	823.6	842.4	851.8	866.2	895.1	916.6	918.8
160°	802.0	809.2	816.4	818.2	829.4	844.3	851.8	864.1	888.9	907.4	908.6
162.5°	815.3	820.7	826.1	827.5	835.6	846.4	851.8	862.3	883.1	898.7	899.8
165°	829.8	834.6	839.6	840.8	844.4	849.4	851.8	859.3	874.2	885.4	886.6
167.5°	843.1	845.5	847.8	848.4	851.4	855.5	857.6	862.5	872.3	879.6	880.1
170°	851.8	854.1	856.5	857.0	857.2	857.5	857.6	862.5	872.3	879.6	879.6
172.5°	856.5	856.9	857.5	857.6	857.6	857.6	857.6	861.4	869.2	875.0	874.5
175°	862.8	862.8	862.8	862.8	861.1	858.7	857.6	860.0	865.0	868.6	868.6
177.5°	862.8	862.8	862.8	862.8	861.4	859.7	858.7	860.7	864.5	867.4	866.9
180°	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8

TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	2024.8	2019.2	2024.8	2021.1	2023.0	2017.3	2000.5	1994.9	2000.5	2006.1	2006.1
5°	2049.1	2045.4	2049.1	2049.1	2047.2	2043.5	2024.8	2021.1	2024.8	2026.7	2023.0
7.5°	2056.6	2051.0	2056.6	2052.8	2052.8	2049.1	2030.4	2026.7	2028.6	2034.2	2028.6
10°	2056.6	2051.0	2056.6	2054.7	2052.8	2049.1	2030.4	2023.0	2023.0	2028.6	2023.0
12.5°	2047.2	2043.5	2047.2	2043.5	2043.5	2039.8	2021.1	2013.6	2015.5	2017.3	2009.9
15°	2032.3	2026.7	2032.3	2028.6	2030.4	2024.8	2004.3	1996.8	1996.8	2000.5	1987.5
17.5°	2009.9	2002.4	2009.9	2008.0	2006.1	2002.4	1983.7	1976.3	1974.4	1976.3	1966.9
20°	1983.7	1978.1	1983.7	1981.9	1981.9	1974.4	1955.7	1946.4	1946.4	1946.4	1937.0
22.5°	1942.6	1937.0	1942.6	1946.4	1946.4	1944.5	1927.7	1914.6	1910.9	1910.9	1899.7
25°	1895.9	1890.3	1895.9	1895.9	1894.1	1895.9	1890.3	1882.9	1877.2	1871.6	1860.4
27.5°	1851.1	1847.4	1851.1	1847.4	1851.1	1845.5	1843.6	1841.8	1834.3	1828.7	1813.7
30°	1806.3	1802.5	1806.3	1802.5	1798.8	1795.1	1785.7	1782.0	1789.5	1785.7	1761.4
32.5°	1750.2	1746.5	1750.2	1750.2	1746.5	1746.5	1731.5	1725.9	1727.8	1739.0	1716.6
35°	1692.3	1686.7	1692.3	1690.4	1692.3	1686.7	1677.4	1675.5	1668.0	1681.1	1664.3
37.5°	1625.1	1619.5	1625.1	1625.1	1625.1	1628.8	1621.3	1615.7	1604.5	1621.3	1608.3
40°	1556.0	1548.5	1556.0	1554.1	1556.0	1559.7	1556.0	1552.2	1541.0	1554.1	1542.9
42.5°	1477.5	1475.6	1477.5	1479.4	1479.4	1486.8	1492.4	1485.0	1481.2	1471.9	1479.4
45°	1393.4	1389.7	1393.4	1397.2	1399.0	1402.8	1419.6	1419.6	1414.0	1399.0	1410.2
47.5°	1303.8	1294.4	1303.8	1315.0	1315.0	1320.6	1337.4	1350.5	1341.1	1322.5	1328.1
50°	1208.5	1210.4	1208.5	1216.0	1216.0	1236.5	1249.6	1262.7	1272.0	1249.6	1223.4
52.5°	1115.1	1113.3	1115.1	1120.7	1128.2	1137.5	1159.9	1173.0	1188.0	1174.9	1133.8
55°	1021.8	1025.5	1021.8	1023.7	1027.4	1033.0	1066.6	1079.7	1107.7	1090.9	1047.9
57.5°	928.4	922.8	928.4	932.1	934.0	939.6	967.6	991.9	1008.7	1010.6	958.3
60°	820.1	812.6	820.1	836.9	840.6	844.3	870.5	892.9	907.8	913.5	859.3
62.5°	724.8	711.7	724.8	736.0	743.5	752.8	771.5	805.1	818.2	820.1	743.5
65°	623.9	618.3	623.9	646.3	648.2	659.4	680.0	704.2	732.3	728.5	618.3
67.5°	532.4	532.4	532.4	547.3	558.5	564.1	590.3	601.5	637.0	640.7	515.6
70°	448.3	446.5	448.3	459.5	467.0	480.1	504.4	517.4	545.5	554.8	418.4
72.5°	368.0	366.1	368.0	377.3	384.8	396.0	416.6	431.5	455.8	467.0	325.0
75°	297.0	293.3	297.0	304.5	302.6	317.6	334.4	349.3	371.7	379.2	241.0
77.5°	227.9	227.9	227.9	235.4	235.4	250.3	257.8	276.5	289.5	300.7	177.5
80°	170.0	168.1	170.0	171.9	171.9	179.3	192.4	205.5	216.7	216.7	121.4
82.5°	119.6	115.8	119.6	119.6	119.6	123.3	130.8	134.5	142.0	147.6	76.6
85°	74.7	74.7	74.7	76.6	74.7	78.5	80.3	84.1	84.1	80.3	46.7
87.5°	48.6	46.7	48.6	46.7	46.7	44.8	44.8	44.8	43.0	41.1	26.2
90°	22.0	22.0	22.0	22.0	22.0	29.3	39.1	44.0	37.8	25.5	16.3
92.5°	88.2	70.6	88.2	105.6	110.0	156.0	217.2	247.9	217.6	157.2	111.8
95°	307.3	254.2	307.3	360.2	373.5	490.4	646.4	724.4	611.8	386.6	217.7
97.5°	736.1	635.2	736.1	837.1	862.3	936.1	1034.7	1084.0	896.3	520.8	239.2
100°	1060.7	940.4	1060.7	1180.8	1210.8	1205.4	1198.2	1194.6	986.3	569.6	257.1
102.5°	1379.8	1276.9	1379.8	1482.7	1508.5	1414.3	1288.6	1225.9	1014.6	592.0	275.1
105°	1786.6	1731.4	1786.6	1842.0	1855.9	1644.7	1363.2	1222.4	1017.8	608.6	301.7
107.5°	2053.3	2066.7	2053.3	2039.9	2036.6	1742.0	1349.3	1152.9	972.5	611.7	341.1
110°	2155.0	2212.6	2155.0	2097.3	2082.9	1753.6	1314.5	1095.0	932.3	607.0	363.0

TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2164.0	2252.5	2164.0	2075.5	2053.4	1716.4	1267.1	1042.3	897.3	607.2	389.7
115°	2106.6	2229.4	2106.6	1983.9	1953.2	1628.5	1195.6	979.2	857.0	612.8	429.6
117.5°	1984.9	2121.1	1984.9	1848.8	1814.8	1521.8	1131.1	935.8	831.9	624.3	468.5
120°	1887.0	2019.2	1887.0	1754.6	1721.5	1453.9	1096.9	918.4	823.4	633.4	491.0
122.5°	1791.4	1921.9	1791.4	1660.9	1628.3	1387.3	1065.8	905.0	818.9	646.8	517.7
125°	1655.2	1775.4	1655.2	1535.0	1505.0	1300.1	1027.1	890.6	815.3	664.7	551.8
127.5°	1532.7	1634.1	1532.7	1431.3	1406.0	1230.1	995.6	878.4	813.2	682.8	584.9
130°	1460.5	1554.2	1460.5	1366.9	1343.5	1186.9	978.2	873.9	814.5	695.8	606.8
132.5°	1395.0	1478.9	1395.0	1311.1	1290.1	1150.0	963.1	869.7	815.3	706.5	624.8
135°	1305.3	1377.6	1305.3	1233.0	1214.9	1097.5	941.1	862.8	814.5	718.1	645.7
137.5°	1233.3	1292.5	1233.3	1174.0	1159.3	1060.1	927.7	861.6	819.6	735.4	672.3
140°	1183.9	1239.2	1183.9	1128.6	1114.7	1029.0	914.8	857.6	820.4	746.0	690.2
142.5°	1142.9	1190.6	1142.9	1095.3	1083.4	1008.2	907.8	857.6	823.4	755.0	703.6
145°	1081.6	1117.6	1081.6	1045.5	1036.6	975.0	892.9	851.8	823.4	766.5	723.8
147.5°	1034.4	1064.3	1034.4	1004.6	997.1	948.7	884.1	851.8	829.0	783.5	749.3
150°	1004.8	1029.0	1004.8	980.6	974.5	933.6	879.1	851.8	832.0	792.3	762.6
152.5°	979.4	997.7	979.4	961.2	956.6	921.7	875.1	851.8	833.9	798.1	771.3
155°	950.3	962.4	950.3	938.2	935.2	907.4	870.3	851.8	838.2	810.9	790.4
157.5°	927.3	935.8	927.3	918.8	916.6	895.1	866.2	851.8	842.4	823.6	809.5
160°	913.5	918.4	913.5	908.6	907.4	888.9	864.1	851.8	844.3	829.4	818.2
162.5°	904.5	909.2	904.5	899.8	898.7	883.1	862.3	851.8	846.4	835.6	827.5
165°	891.5	896.4	891.5	886.6	885.4	874.2	859.3	851.8	849.4	844.4	840.8
167.5°	882.2	884.2	882.2	880.1	879.6	872.3	862.5	857.6	855.5	851.4	848.4
170°	879.6	879.6	879.6	879.6	879.6	872.3	862.5	857.6	857.5	857.2	857.0
172.5°	872.7	871.0	872.7	874.5	875.0	869.2	861.4	857.6	857.6	857.6	857.6
175°	868.6	868.6	868.6	868.6	868.6	865.0	860.0	857.6	858.7	861.1	862.8
177.5°	864.9	862.8	864.9	866.9	867.4	864.5	860.7	858.7	859.7	861.4	862.8
180°	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8

TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	2002.4	1991.2	1991.2	1972.5	1965.0	1959.4	1950.1	1922.1	1914.6	1907.1	1918.3
5°	2019.2	1998.7	1983.7	1950.1	1922.1	1910.9	1875.4	1808.1	1763.3	1729.7	1711.0
7.5°	2023.0	1996.8	1968.8	1916.5	1849.2	1819.3	1711.0	1587.7	1554.1	1524.2	1505.5
10°	2019.2	1989.3	1950.1	1871.6	1712.9	1660.6	1552.2	1471.9	1451.3	1445.7	1451.3
12.5°	2006.1	1978.1	1923.9	1793.2	1570.9	1535.4	1471.9	1425.2	1421.5	1430.8	1481.2
15°	1983.7	1957.6	1894.1	1688.6	1492.4	1466.3	1421.5	1404.6	1425.2	1490.6	1641.9
17.5°	1961.3	1931.4	1853.0	1585.8	1432.7	1414.0	1382.2	1415.9	1531.7	1619.5	1669.9
20°	1931.4	1895.9	1806.3	1511.1	1389.7	1372.9	1357.9	1509.3	1597.0	1628.8	1656.8
22.5°	1895.9	1858.6	1742.8	1458.8	1344.9	1331.8	1341.1	1561.6	1597.0	1619.5	1643.7
25°	1849.2	1817.5	1668.0	1417.7	1309.4	1294.4	1329.9	1556.0	1576.5	1582.1	1630.7
27.5°	1806.3	1765.2	1589.6	1380.4	1266.4	1260.8	1339.3	1531.7	1546.6	1552.2	1604.5
30°	1754.0	1692.3	1501.8	1341.1	1221.6	1219.7	1341.1	1501.8	1498.0	1513.0	1565.3
32.5°	1699.8	1584.0	1402.8	1292.6	1178.6	1176.7	1328.1	1456.9	1453.2	1473.8	1513.0
35°	1649.4	1499.9	1268.3	1236.5	1124.4	1126.3	1296.3	1404.6	1406.5	1425.2	1449.5
37.5°	1597.0	1427.1	1120.7	1174.9	1072.2	1072.2	1253.3	1356.1	1352.3	1357.9	1391.6
40°	1535.4	1313.1	990.0	1094.6	1023.7	1018.1	1201.0	1303.8	1290.7	1288.8	1335.5
42.5°	1470.0	1188.0	892.9	988.2	967.6	960.2	1137.5	1240.3	1216.0	1221.6	1281.4
45°	1399.0	1154.3	818.2	835.0	909.7	904.1	1068.5	1167.4	1150.6	1165.5	1227.2
47.5°	1328.1	1087.2	793.9	693.0	848.1	846.2	991.9	1096.5	1087.2	1102.1	1167.4
50°	1230.9	1012.5	792.0	594.0	779.0	786.4	900.4	1027.4	1027.4	1040.5	1109.6
52.5°	1105.9	920.9	719.2	538.0	698.6	721.0	820.1	967.6	971.4	984.4	1046.1
55°	991.9	825.7	666.9	495.0	603.4	651.9	741.6	906.0	913.5	926.5	982.6
57.5°	887.3	687.4	655.7	444.6	515.6	562.3	672.5	846.2	849.9	861.1	915.3
60°	775.2	496.9	601.5	390.4	439.0	474.5	609.0	775.2	788.3	795.8	842.5
62.5°	648.2	360.5	545.5	353.1	401.6	409.1	556.7	708.0	724.8	730.4	758.4
65°	461.4	302.6	463.3	321.3	362.4	364.3	500.6	638.9	653.8	663.1	683.7
67.5°	312.0	246.6	353.1	291.4	332.5	334.4	446.5	558.5	579.1	586.6	599.6
70°	216.7	164.4	261.5	259.7	298.9	302.6	388.5	485.7	504.4	510.0	517.4
72.5°	158.8	132.6	216.7	233.5	263.4	267.1	328.8	403.5	422.2	427.8	431.5
75°	121.4	140.1	175.6	203.6	224.2	226.0	269.0	328.8	341.8	345.6	347.4
77.5°	97.1	130.8	128.9	164.4	183.1	179.3	211.1	254.0	265.3	265.3	265.3
80°	72.9	102.7	97.1	117.7	134.5	130.8	151.3	181.2	184.9	188.7	186.8
82.5°	54.2	65.4	65.4	74.7	89.7	85.9	100.9	117.7	117.7	117.7	121.4
85°	33.6	37.4	29.9	39.2	50.4	48.6	56.0	63.5	65.4	65.4	61.6
87.5°	20.5	16.8	9.3	14.9	22.4	22.4	26.2	28.0	26.2	26.2	26.2
90°	15.1	10.5	5.8	10.5	15.1	16.3	25.5	37.8	44.0	39.1	29.3
92.5°	102.0	62.6	23.2	62.6	102.0	111.8	157.2	217.6	247.9	217.2	156.0
95°	199.7	127.7	55.6	127.7	199.7	217.7	386.6	611.8	724.4	646.4	490.4
97.5°	223.3	159.7	96.1	159.7	223.3	239.2	520.8	896.3	1084.0	1034.7	936.1
100°	242.7	185.0	127.4	185.0	242.7	257.1	569.6	986.3	1194.6	1198.2	1205.4
102.5°	261.6	207.8	154.0	207.8	261.6	275.1	592.0	1014.6	1225.9	1288.6	1414.3
105°	290.3	244.8	199.2	244.8	290.3	301.7	608.6	1017.8	1222.4	1363.2	1644.7
107.5°	330.4	288.0	245.5	288.0	330.4	341.1	611.7	972.5	1152.9	1349.3	1742.0
110°	353.4	315.1	276.8	315.1	353.4	363.0	607.0	932.3	1095.0	1314.5	1753.6

TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	380.5	344.0	307.5	344.0	380.5	389.7	607.2	897.3	1042.3	1267.1	1716.4
115°	421.2	387.5	353.8	387.5	421.2	429.6	612.8	857.0	979.2	1195.6	1628.5
117.5°	460.8	430.2	399.6	430.2	460.8	468.5	624.3	831.9	935.8	1131.1	1521.8
120°	483.8	455.0	426.2	455.0	483.8	491.0	633.4	823.4	918.4	1096.9	1453.9
122.5°	510.4	481.4	452.2	481.4	510.4	517.7	646.8	818.9	905.0	1065.8	1387.3
125°	545.2	518.7	492.2	518.7	545.2	551.8	664.7	815.3	890.6	1027.1	1300.1
127.5°	578.1	551.4	524.6	551.4	578.1	584.9	682.8	813.2	878.4	995.6	1230.1
130°	599.6	570.8	542.0	570.8	599.6	606.8	695.8	814.5	873.9	978.2	1186.9
132.5°	617.7	588.8	559.9	588.8	617.7	624.8	706.5	815.3	869.7	963.1	1150.0
135°	639.1	612.8	586.6	612.8	639.1	645.7	718.1	814.5	862.8	941.1	1097.5
137.5°	665.8	639.8	613.8	639.8	665.8	672.3	735.4	819.6	861.6	927.7	1060.1
140°	684.2	660.3	636.4	660.3	684.2	690.2	746.0	820.4	857.6	914.8	1029.0
142.5°	698.1	675.9	653.8	675.9	698.1	703.6	755.0	823.4	857.6	907.8	1008.2
145°	719.0	699.8	680.4	699.8	719.0	723.8	766.5	823.4	851.8	892.9	975.0
147.5°	744.7	725.8	707.0	725.8	744.7	749.3	783.5	829.0	851.8	884.1	948.7
150°	758.4	741.4	724.4	741.4	758.4	762.6	792.3	832.0	851.8	879.1	933.6
152.5°	768.1	755.2	742.3	755.2	768.1	771.3	798.1	833.9	851.8	875.1	921.7
155°	788.0	778.5	769.0	778.5	788.0	790.4	810.9	838.2	851.8	870.3	907.4
157.5°	807.2	797.9	788.7	797.9	807.2	809.5	823.6	842.4	851.8	866.2	895.1
160°	816.4	809.2	802.0	809.2	816.4	818.2	829.4	844.3	851.8	864.1	888.9
162.5°	826.1	820.7	815.3	820.7	826.1	827.5	835.6	846.4	851.8	862.3	883.1
165°	839.6	834.6	829.8	834.6	839.6	840.8	844.4	849.4	851.8	859.3	874.2
167.5°	847.8	845.5	843.1	845.5	847.8	848.4	851.4	855.5	857.6	862.5	872.3
170°	856.5	854.1	851.8	854.1	856.5	857.0	857.2	857.5	857.6	862.5	872.3
172.5°	857.5	856.9	856.5	856.9	857.5	857.6	857.6	857.6	857.6	861.4	869.2
175°	862.8	862.8	862.8	862.8	862.8	862.8	861.1	858.7	857.6	860.0	865.0
177.5°	862.8	862.8	862.8	862.8	862.8	862.8	861.4	859.7	858.7	860.7	864.5
180°	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8

TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	1905.3	1899.7	1907.1	1886.6	1907.1	1899.7	1905.3	1918.3	1907.1	1914.6	1922.1
5°	1671.8	1662.4	1632.5	1608.3	1632.5	1662.4	1671.8	1711.0	1729.7	1763.3	1808.1
7.5°	1494.3	1486.8	1479.4	1464.4	1479.4	1486.8	1494.3	1505.5	1524.2	1554.1	1587.7
10°	1455.1	1456.9	1468.2	1466.3	1468.2	1456.9	1455.1	1451.3	1445.7	1451.3	1471.9
12.5°	1556.0	1572.8	1634.4	1630.7	1634.4	1572.8	1556.0	1481.2	1430.8	1421.5	1425.2
15°	1671.8	1677.4	1690.4	1692.3	1690.4	1677.4	1671.8	1641.9	1490.6	1425.2	1404.6
17.5°	1683.0	1684.8	1694.2	1694.2	1694.2	1684.8	1683.0	1669.9	1619.5	1531.7	1415.9
20°	1673.6	1677.4	1696.1	1699.8	1696.1	1677.4	1673.6	1656.8	1628.8	1597.0	1509.3
22.5°	1669.9	1677.4	1692.3	1690.4	1692.3	1677.4	1669.9	1643.7	1619.5	1597.0	1561.6
25°	1651.2	1651.2	1653.1	1655.0	1653.1	1651.2	1651.2	1630.7	1582.1	1576.5	1556.0
27.5°	1612.0	1615.7	1626.9	1625.1	1626.9	1615.7	1612.0	1604.5	1552.2	1546.6	1531.7
30°	1576.5	1572.8	1563.4	1556.0	1563.4	1572.8	1576.5	1565.3	1513.0	1498.0	1501.8
32.5°	1516.7	1507.4	1498.0	1492.4	1498.0	1507.4	1516.7	1513.0	1473.8	1453.2	1456.9
35°	1445.7	1447.6	1445.7	1440.1	1445.7	1447.6	1445.7	1449.5	1425.2	1406.5	1404.6
37.5°	1395.3	1399.0	1397.2	1389.7	1397.2	1399.0	1395.3	1391.6	1357.9	1352.3	1356.1
40°	1343.0	1344.9	1343.0	1337.4	1343.0	1344.9	1343.0	1335.5	1288.8	1290.7	1303.8
42.5°	1292.6	1290.7	1285.1	1281.4	1285.1	1290.7	1292.6	1281.4	1221.6	1216.0	1240.3
45°	1234.7	1236.5	1225.3	1219.7	1225.3	1236.5	1234.7	1227.2	1165.5	1150.6	1167.4
47.5°	1176.7	1176.7	1167.4	1161.8	1167.4	1176.7	1176.7	1167.4	1102.1	1087.2	1096.5
50°	1115.1	1113.3	1100.3	1098.4	1100.3	1113.3	1115.1	1109.6	1040.5	1027.4	1027.4
52.5°	1044.2	1044.2	1046.1	1049.8	1046.1	1044.2	1044.2	1046.1	984.4	971.4	967.6
55°	982.6	984.4	997.5	1001.2	997.5	984.4	982.6	982.6	926.5	913.5	906.0
57.5°	919.1	919.1	928.4	928.4	928.4	919.1	919.1	915.3	861.1	849.9	846.2
60°	846.2	849.9	857.4	855.5	857.4	849.9	846.2	842.5	795.8	788.3	775.2
62.5°	769.6	773.4	775.2	771.5	775.2	773.4	769.6	758.4	730.4	724.8	708.0
65°	689.3	693.0	694.9	691.2	694.9	693.0	689.3	683.7	663.1	653.8	638.9
67.5°	607.1	605.2	603.4	610.8	603.4	605.2	607.1	599.6	586.6	579.1	558.5
70°	523.0	523.0	521.2	524.9	521.2	523.0	523.0	517.4	510.0	504.4	485.7
72.5°	433.4	431.5	439.0	433.4	439.0	431.5	433.4	431.5	427.8	422.2	403.5
75°	345.6	349.3	345.6	351.2	345.6	349.3	345.6	347.4	345.6	341.8	328.8
77.5°	263.4	267.1	263.4	263.4	263.4	267.1	263.4	265.3	265.3	265.3	254.0
80°	186.8	184.9	184.9	183.1	184.9	184.9	186.8	186.8	188.7	184.9	181.2
82.5°	119.6	117.7	117.7	121.4	117.7	117.7	119.6	121.4	117.7	117.7	117.7
85°	65.4	67.2	63.5	63.5	63.5	67.2	65.4	61.6	65.4	65.4	63.5
87.5°	24.3	22.4	22.4	22.4	22.4	22.4	24.3	26.2	26.2	26.2	28.0
90°	22.0	22.0	22.0	22.0	22.0	22.0	22.0	29.3	39.1	44.0	37.8
92.5°	110.0	105.6	88.2	70.6	88.2	105.6	110.0	156.0	217.2	247.9	217.6
95°	373.5	360.2	307.3	254.2	307.3	360.2	373.5	490.4	646.4	724.4	611.8
97.5°	862.3	837.1	736.1	635.2	736.1	837.1	862.3	936.1	1034.7	1084.0	896.3
100°	1210.8	1180.8	1060.7	940.4	1060.7	1180.8	1210.8	1205.4	1198.2	1194.6	986.3
102.5°	1508.5	1482.7	1379.8	1276.9	1379.8	1482.7	1508.5	1414.3	1288.6	1225.9	1014.6
105°	1855.9	1842.0	1786.6	1731.4	1786.6	1842.0	1855.9	1644.7	1363.2	1222.4	1017.8
107.5°	2036.6	2039.9	2053.3	2066.7	2053.3	2039.9	2036.6	1742.0	1349.3	1152.9	972.5
110°	2082.9	2097.3	2155.0	2212.6	2155.0	2097.3	2082.9	1753.6	1314.5	1095.0	932.3

TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2053.4	2075.5	2164.0	2252.5	2164.0	2075.5	2053.4	1716.4	1267.1	1042.3	897.3
115°	1953.2	1983.9	2106.6	2229.4	2106.6	1983.9	1953.2	1628.5	1195.6	979.2	857.0
117.5°	1814.8	1848.8	1984.9	2121.1	1984.9	1848.8	1814.8	1521.8	1131.1	935.8	831.9
120°	1721.5	1754.6	1887.0	2019.2	1887.0	1754.6	1721.5	1453.9	1096.9	918.4	823.4
122.5°	1628.3	1660.9	1791.4	1921.9	1791.4	1660.9	1628.3	1387.3	1065.8	905.0	818.9
125°	1505.0	1535.0	1655.2	1775.4	1655.2	1535.0	1505.0	1300.1	1027.1	890.6	815.3
127.5°	1406.0	1431.3	1532.7	1634.1	1532.7	1431.3	1406.0	1230.1	995.6	878.4	813.2
130°	1343.5	1366.9	1460.5	1554.2	1460.5	1366.9	1343.5	1186.9	978.2	873.9	814.5
132.5°	1290.1	1311.1	1395.0	1478.9	1395.0	1311.1	1290.1	1150.0	963.1	869.7	815.3
135°	1214.9	1233.0	1305.3	1377.6	1305.3	1233.0	1214.9	1097.5	941.1	862.8	814.5
137.5°	1159.3	1174.0	1233.3	1292.5	1233.3	1174.0	1159.3	1060.1	927.7	861.6	819.6
140°	1114.7	1128.6	1183.9	1239.2	1183.9	1128.6	1114.7	1029.0	914.8	857.6	820.4
142.5°	1083.4	1095.3	1142.9	1190.6	1142.9	1095.3	1083.4	1008.2	907.8	857.6	823.4
145°	1036.6	1045.5	1081.6	1117.6	1081.6	1045.5	1036.6	975.0	892.9	851.8	823.4
147.5°	997.1	1004.6	1034.4	1064.3	1034.4	1004.6	997.1	948.7	884.1	851.8	829.0
150°	974.5	980.6	1004.8	1029.0	1004.8	980.6	974.5	933.6	879.1	851.8	832.0
152.5°	956.6	961.2	979.4	997.7	979.4	961.2	956.6	921.7	875.1	851.8	833.9
155°	935.2	938.2	950.3	962.4	950.3	938.2	935.2	907.4	870.3	851.8	838.2
157.5°	916.6	918.8	927.3	935.8	927.3	918.8	916.6	895.1	866.2	851.8	842.4
160°	907.4	908.6	913.5	918.4	913.5	908.6	907.4	888.9	864.1	851.8	844.3
162.5°	898.7	899.8	904.5	909.2	904.5	899.8	898.7	883.1	862.3	851.8	846.4
165°	885.4	886.6	891.5	896.4	891.5	886.6	885.4	874.2	859.3	851.8	849.4
167.5°	879.6	880.1	882.2	884.2	882.2	880.1	879.6	872.3	862.5	857.6	855.5
170°	879.6	879.6	879.6	879.6	879.6	879.6	879.6	872.3	862.5	857.6	857.5
172.5°	875.0	874.5	872.7	871.0	872.7	874.5	875.0	869.2	861.4	857.6	857.6
175°	868.6	868.6	868.6	868.6	868.6	868.6	868.6	865.0	860.0	857.6	858.7
177.5°	867.4	866.9	864.9	862.8	864.9	866.9	867.4	864.5	860.7	858.7	859.7
180°	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8	862.8

TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	1950.1	1959.4	1965.0	1972.5	1991.2
5°	1875.4	1910.9	1922.1	1950.1	1983.7
7.5°	1711.0	1819.3	1849.2	1916.5	1968.8
10°	1552.2	1660.6	1712.9	1871.6	1950.1
12.5°	1471.9	1535.4	1570.9	1793.2	1923.9
15°	1421.5	1466.3	1492.4	1688.6	1894.1
17.5°	1382.2	1414.0	1432.7	1585.8	1853.0
20°	1357.9	1372.9	1389.7	1511.1	1806.3
22.5°	1341.1	1331.8	1344.9	1458.8	1742.8
25°	1329.9	1294.4	1309.4	1417.7	1668.0
27.5°	1339.3	1260.8	1266.4	1380.4	1589.6
30°	1341.1	1219.7	1221.6	1341.1	1501.8
32.5°	1328.1	1176.7	1178.6	1292.6	1402.8
35°	1296.3	1126.3	1124.4	1236.5	1268.3
37.5°	1253.3	1072.2	1072.2	1174.9	1120.7
40°	1201.0	1018.1	1023.7	1094.6	990.0
42.5°	1137.5	960.2	967.6	988.2	892.9
45°	1068.5	904.1	909.7	835.0	818.2
47.5°	991.9	846.2	848.1	693.0	793.9
50°	900.4	786.4	779.0	594.0	792.0
52.5°	820.1	721.0	698.6	538.0	719.2
55°	741.6	651.9	603.4	495.0	666.9
57.5°	672.5	562.3	515.6	444.6	655.7
60°	609.0	474.5	439.0	390.4	601.5
62.5°	556.7	409.1	401.6	353.1	545.5
65°	500.6	364.3	362.4	321.3	463.3
67.5°	446.5	334.4	332.5	291.4	353.1
70°	388.5	302.6	298.9	259.7	261.5
72.5°	328.8	267.1	263.4	233.5	216.7
75°	269.0	226.0	224.2	203.6	175.6
77.5°	211.1	179.3	183.1	164.4	128.9
80°	151.3	130.8	134.5	117.7	97.1
82.5°	100.9	85.9	89.7	74.7	65.4
85°	56.0	48.6	50.4	39.2	29.9
87.5°	26.2	22.4	22.4	14.9	9.3
90°	25.5	16.3	15.1	10.5	5.8
92.5°	157.2	111.8	102.0	62.6	23.2
95°	386.6	217.7	199.7	127.7	55.6
97.5°	520.8	239.2	223.3	159.7	96.1
100°	569.6	257.1	242.7	185.0	127.4
102.5°	592.0	275.1	261.6	207.8	154.0
105°	608.6	301.7	290.3	244.8	199.2
107.5°	611.7	341.1	330.4	288.0	245.5
110°	607.0	363.0	353.4	315.1	276.8

TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	607.2	389.7	380.5	344.0	307.5
115°	612.8	429.6	421.2	387.5	353.8
117.5°	624.3	468.5	460.8	430.2	399.6
120°	633.4	491.0	483.8	455.0	426.2
122.5°	646.8	517.7	510.4	481.4	452.2
125°	664.7	551.8	545.2	518.7	492.2
127.5°	682.8	584.9	578.1	551.4	524.6
130°	695.8	606.8	599.6	570.8	542.0
132.5°	706.5	624.8	617.7	588.8	559.9
135°	718.1	645.7	639.1	612.8	586.6
137.5°	735.4	672.3	665.8	639.8	613.8
140°	746.0	690.2	684.2	660.3	636.4
142.5°	755.0	703.6	698.1	675.9	653.8
145°	766.5	723.8	719.0	699.8	680.4
147.5°	783.5	749.3	744.7	725.8	707.0
150°	792.3	762.6	758.4	741.4	724.4
152.5°	798.1	771.3	768.1	755.2	742.3
155°	810.9	790.4	788.0	778.5	769.0
157.5°	823.6	809.5	807.2	797.9	788.7
160°	829.4	818.2	816.4	809.2	802.0
162.5°	835.6	827.5	826.1	820.7	815.3
165°	844.4	840.8	839.6	834.6	829.8
167.5°	851.4	848.4	847.8	845.5	843.1
170°	857.2	857.0	856.5	854.1	851.8
172.5°	857.6	857.6	857.5	856.9	856.5
175°	861.1	862.8	862.8	862.8	862.8
177.5°	861.4	862.8	862.8	862.8	862.8
180°	862.8	862.8	862.8	862.8	862.8

(END OF REPORT)