

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
(formerly Eaton)

Brand: STREETWORKS

Report Number: P723701

Luminaire Tested: **IFLD-S-SA6A-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723701
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	14092.4 lumens	Max Intensity:	331545.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	74.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	5110.5 lumens	Field Lumens:	8147.1 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

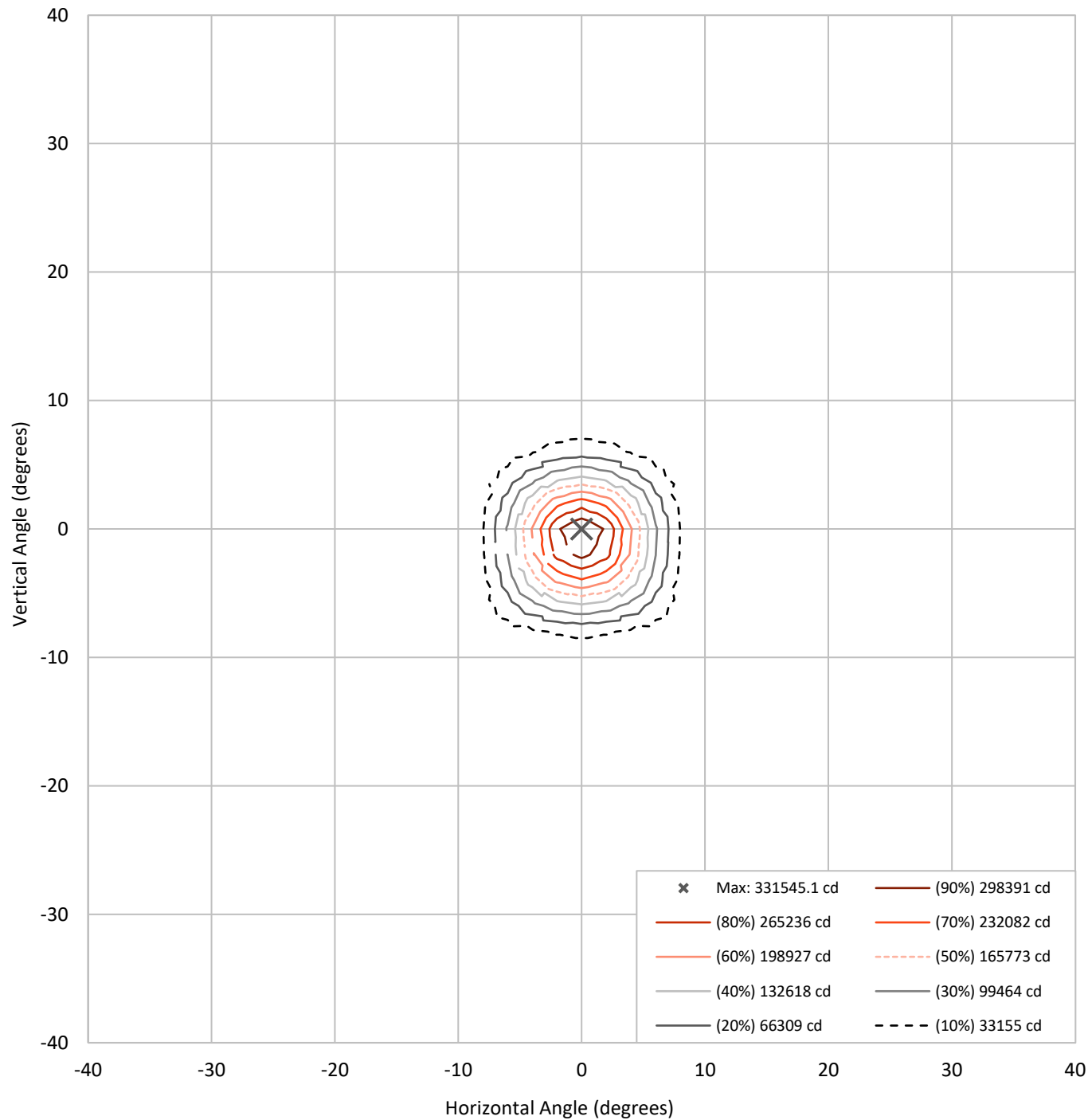
Input Watts (W): 189.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P723701
CATALOG NUMBER: IFLD-S-SA6A-735-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723701

CATALOG NUMBER: IFLD-S-SA6A-735-U-11-VI

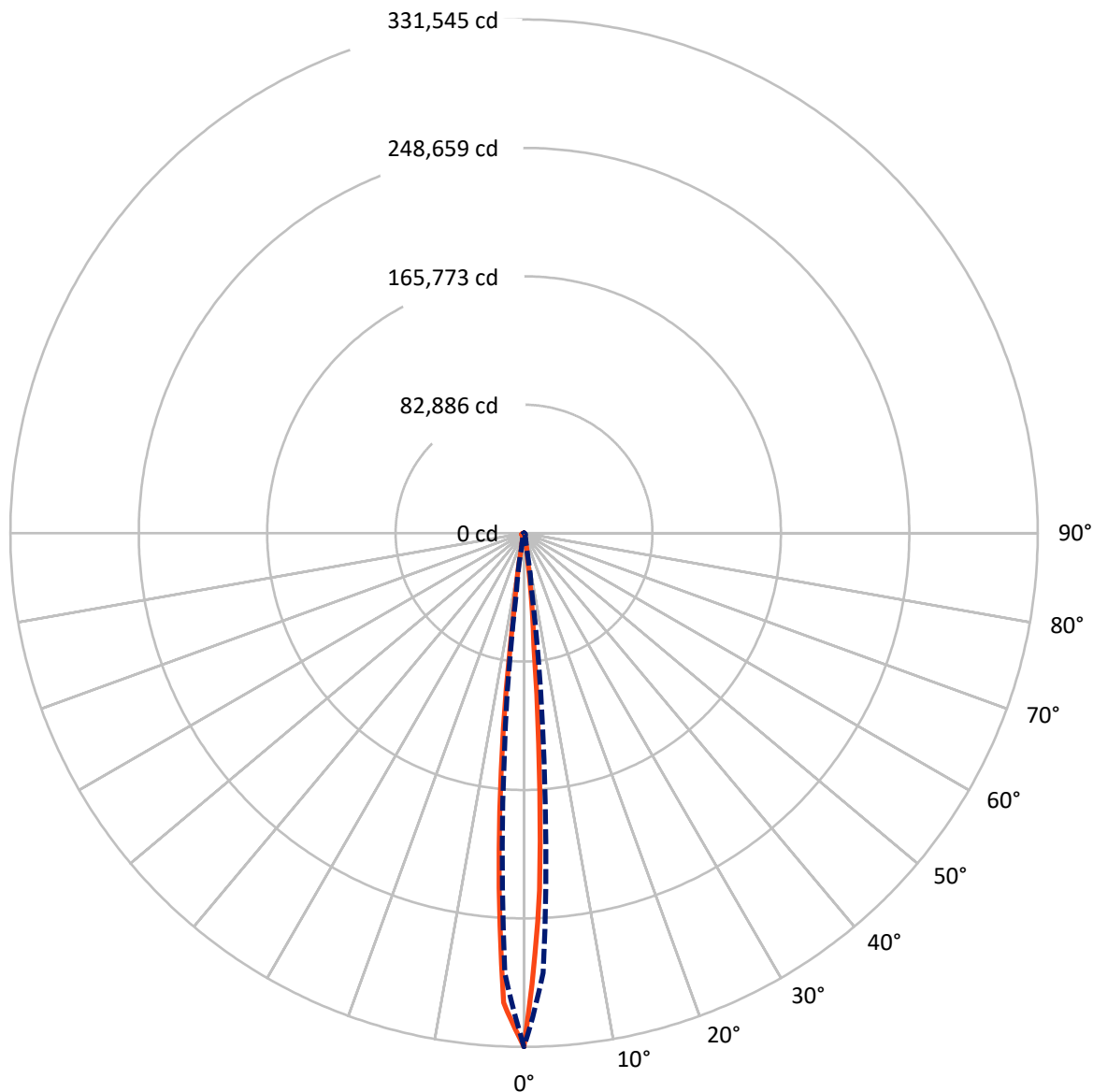
Lumen Table

Vertical Angle (degrees)																
	-80		-60		-40		-20		0		20		40		60	
90	0.2		3.1		3.4		1.3		0.4		1.3		3.4		3.1	
80	0.2		3.1		3.4		1.3		0.4		1.3		3.4		3.1	
70	0.4	0.7	0.9	0.7	0.6	0.4	0.4	0.2	0.2	0.4	0.4	0.6	0.7	0.9	0.7	0.4
60		0.4	0.6	1.6	3.6	5.9	7.6	8.7	8.7	7.6	5.9	3.6	1.6	0.6	0.4	
50	0.4	0.5	1.9	6.4	12.6	18.5	22.2	24.6	24.6	22.2	18.5	12.6	6.4	1.9	0.5	0.4
40		0.9	4.9	13.2	21.4	25.2	27.2	28.1	28.1	27.2	25.2	21.4	13.2	4.9	0.9	
30	0.6	1.8	8.3	19.2	24.8	25.6	30.2	36.3	36.3	30.2	25.6	24.8	19.2	8.3	1.8	0.6
20		2.9	11.7	23.6	26.5	29.9	52.5	89.4	89.4	52.5	29.9	26.5	23.6	11.7	2.9	
10	0.9	3.7	14.4	25.9	27.5	36.9	99.8	1850.0	1850.0	99.8	36.9	27.5	25.9	14.4	3.7	0.9
0		4.4	15.7	27.2	28.5	38.1	107.5	2697.4	2697.4	107.5	38.1	28.5	27.2	15.7	4.4	
-10	1.4	4.7	16.1	28.6	30.8	34.4	62.5	120.0	120.0	62.5	34.4	30.8	28.6	16.1	4.7	1.4
-20		4.4	15.3	29.0	34.6	34.6	40.5	49.4	49.4	40.5	34.6	34.6	29.0	15.3	4.4	
-30	1.5	3.9	13.6	27.7	38.0	41.5	43.2	43.5	43.5	43.2	41.5	38.0	27.7	13.6	3.9	1.5
-40		3.4	10.9	23.5	36.7	44.6	50.0	52.4	52.4	50.0	44.6	36.7	23.5	10.9	3.4	
-50	1.2	3.1	8.4	18.3	31.3	42.0	48.8	51.6	51.6	48.8	42.0	31.3	18.3	8.4	3.1	1.2
-60		2.9	7.4	14.9	26.1	36.7	44.5	48.0	48.0	44.5	36.7	26.1	14.9	7.4	2.9	
-70	0.5	8.7	26.0		48.1		53.1		48.1		26.0		8.7		0.5	
-80		8.7	26.0		48.1		53.1		48.1		26.0		8.7			
-90																
Horizontal Angle (degrees)																

REPORT NUMBER: P723701

CATALOG NUMBER: IFLD-S-SA6A-735-U-11-VI

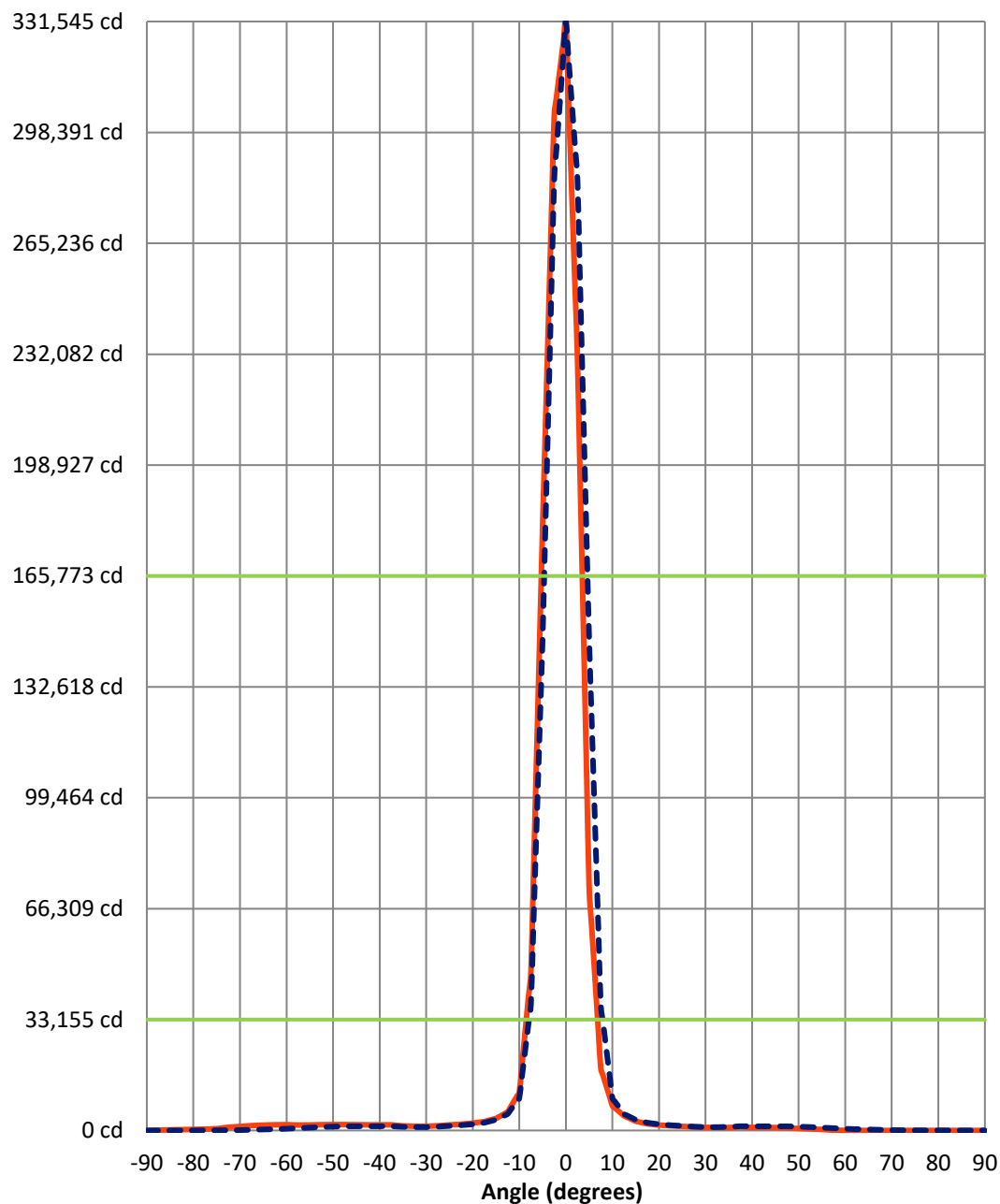
Luminous Intensity Polar Plot



REPORT NUMBER: P723701

CATALOG NUMBER: IFLD-S-SA6A-735-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5110.5

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 8147.1

Efficiency: 57.8%

Spill:

Lumens: 5945.3

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

REPORT NUMBER: P723701

CATALOG NUMBER: IFLD-S-SA6A-735-U-11-VI

FIELD

BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
85°	0.0	3.3	3.3	6.5	6.5	6.5	9.8	13.0	16.3	16.3	19.5
82.5°	0.0	3.3	3.3	6.5	6.5	9.8	9.8	16.3	19.5	22.8	29.3
80°	3.3	3.3	3.3	6.5	6.5	9.8	9.8	13.0	16.3	22.8	26.0
77.5°	0.0	3.3	3.3	3.3	6.5	6.5	6.5	9.8	13.0	16.3	19.5
75°	0.0	3.3	3.3	3.3	6.5	6.5	6.5	6.5	9.8	9.8	13.0
72.5°	0.0	0.0	0.0	3.3	3.3	6.5	6.5	6.5	9.8	9.8	9.8
70°	0.0	0.0	0.0	3.3	3.3	6.5	6.5	6.5	9.8	9.8	9.8
67.5°	0.0	0.0	0.0	3.3	3.3	6.5	6.5	6.5	9.8	9.8	9.8
65°	0.0	0.0	0.0	3.3	3.3	6.5	6.5	9.8	9.8	9.8	9.8
62.5°	3.3	3.3	3.3	6.5	9.8	9.8	13.0	16.3	16.3	16.3	16.3
60°	32.5	35.8	39.0	39.0	35.8	35.8	39.0	39.0	39.0	39.0	39.0
57.5°	87.8	94.3	97.6	97.6	97.6	94.3	107.4	110.6	97.6	91.1	100.8
55°	305.8	315.6	309.1	299.3	279.8	257.0	250.5	247.2	250.5	234.2	208.2
52.5°	445.7	455.4	452.2	445.7	432.7	416.4	403.4	390.4	377.4	351.3	322.1
50°	579.1	582.3	579.1	572.6	559.5	543.3	517.3	488.0	462.0	455.4	429.4
47.5°	728.7	738.5	738.5	735.2	725.5	696.2	657.1	614.9	595.3	588.8	562.8
45°	862.1	868.6	871.9	875.1	871.9	842.6	806.8	784.0	741.7	728.7	728.7
42.5°	897.9	901.1	904.4	907.6	917.4	894.6	865.3	826.3	816.5	813.3	806.8
40°	910.9	904.4	907.6	910.9	914.1	897.9	875.1	852.3	845.8	839.3	839.3
37.5°	1034.5	1005.2	982.5	962.9	946.7	930.4	907.6	888.1	871.9	858.8	871.9
35°	881.6	881.6	904.4	923.9	943.4	962.9	966.2	943.4	907.6	891.4	914.1
32.5°	901.1	901.1	901.1	907.6	914.1	930.4	946.7	956.4	982.5	953.2	953.2
30°	920.7	923.9	930.4	933.7	923.9	917.4	910.9	910.9	927.2	969.4	992.2
27.5°	1034.5	1034.5	1024.8	1011.7	982.5	936.9	914.1	881.6	884.9	904.4	959.7
25°	1219.9	1213.4	1190.7	1158.1	1106.1	1041.0	979.2	910.9	881.6	871.9	894.6
22.5°	1395.6	1385.9	1356.6	1327.3	1285.0	1219.9	1115.8	1011.7	920.7	881.6	871.9
20°	1620.1	1597.3	1564.8	1519.2	1450.9	1385.9	1294.8	1158.1	1024.8	923.9	884.9
17.5°	1981.2	1951.9	1890.1	1808.8	1691.7	1590.8	1460.7	1330.6	1180.9	1018.2	930.4
15°	2771.7	2696.9	2589.5	2365.1	2134.1	1942.2	1747.0	1529.0	1376.1	1161.4	1028.0
12.5°	4359.3	4154.3	3842.0	3318.2	2801.0	2355.3	2039.7	1760.0	1512.7	1314.3	1125.6
10°	7378.2	6939.0	6076.9	4645.5	3692.4	2872.6	2306.5	1932.4	1620.1	1415.1	1206.9
7.5°	18660.3	15221.7	10771.3	7355.5	4831.0	3510.2	2638.3	2095.1	1733.9	1480.2	1272.0
5°	72728.2	59910.7	31959.3	13338.1	7267.6	4245.4	2937.6	2225.2	1808.8	1529.0	1320.8
2.5°	230816.7	199325.9	104576.9	28712.6	8923.5	4782.2	3142.6	2306.5	1851.1	1564.8	1356.6
0°	331545.1	284146.2	146767.4	37763.0	9678.2	4918.8	3207.6	2322.8	1857.6	1571.3	1356.6
-2.5°	303307.5	265453.4	141777.1	35140.9	9889.7	4957.9	3259.7	2378.1	1906.4	1600.6	1366.3
-5°	180223.2	158082.0	98900.1	25056.0	8786.9	4603.3	3123.1	2329.3	1873.8	1584.3	1359.8
-7.5°	47483.5	41107.2	27040.5	13074.6	5686.6	3894.1	2869.3	2248.0	1831.5	1555.0	1333.8
-10°	11448.0	10849.4	9691.2	5940.3	4427.6	3253.2	2544.0	2101.6	1747.0	1516.0	1291.5
-12.5°	5520.7	5390.5	4892.8	4033.9	3285.7	2703.4	2303.3	1948.7	1668.9	1447.7	1233.0
-15°	3591.5	3516.7	3347.5	3019.0	2638.3	2358.6	2078.8	1792.5	1571.3	1346.8	1184.2
-17.5°	2657.9	2654.6	2570.0	2446.4	2257.7	2049.5	1844.6	1662.4	1447.7	1255.7	1132.1
-20°	2202.4	2202.4	2153.6	2072.3	1938.9	1802.3	1665.6	1496.5	1320.8	1177.7	1125.6

REPORT NUMBER: P723701

CATALOG NUMBER: IFLD-S-SA6A-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1870.6	1873.8	1847.8	1795.8	1724.2	1610.3	1476.9	1340.3	1213.4	1161.4	1145.1
-25°	1655.9	1649.4	1620.1	1571.3	1496.5	1405.4	1317.5	1226.5	1190.7	1177.7	1200.4
-27.5°	1402.1	1411.9	1398.9	1376.1	1327.3	1262.2	1242.7	1216.7	1223.2	1242.7	1330.6
-30°	1252.5	1262.2	1275.2	1285.0	1268.7	1252.5	1259.0	1278.5	1320.8	1395.6	1428.1
-32.5°	1252.5	1255.7	1275.2	1294.8	1304.5	1317.5	1353.3	1418.4	1480.2	1460.7	1454.2
-35°	1366.3	1356.6	1382.6	1408.6	1444.4	1490.0	1529.0	1516.0	1493.2	1486.7	1493.2
-37.5°	1691.7	1629.8	1603.8	1587.6	1577.8	1571.3	1561.5	1551.8	1542.0	1535.5	1545.3
-40°	1688.4	1672.1	1655.9	1642.9	1633.1	1620.1	1613.6	1610.3	1600.6	1594.1	1587.6
-42.5°	1681.9	1688.4	1688.4	1685.1	1688.4	1685.1	1675.4	1662.4	1646.1	1633.1	1620.1
-45°	1730.7	1733.9	1740.5	1747.0	1756.7	1743.7	1724.2	1701.4	1678.6	1659.1	1642.9
-47.5°	1760.0	1763.2	1769.7	1779.5	1786.0	1773.0	1747.0	1717.7	1681.9	1649.4	1616.8
-50°	1769.7	1779.5	1782.7	1782.7	1779.5	1763.2	1724.2	1681.9	1642.9	1610.3	1581.0
-52.5°	1724.2	1733.9	1737.2	1730.7	1727.4	1711.2	1675.4	1636.4	1594.1	1571.3	1545.3
-55°	1649.4	1662.4	1672.1	1672.1	1672.1	1668.9	1636.4	1600.6	1568.0	1542.0	1516.0
-57.5°	1620.1	1642.9	1662.4	1665.6	1668.9	1672.1	1649.4	1613.6	1574.5	1535.5	1503.0
-60°	1727.4	1747.0	1756.7	1743.7	1733.9	1724.2	1688.4	1646.1	1607.1	1568.0	1506.2
-62.5°	1698.2	1730.7	1747.0	1737.2	1724.2	1707.9	1668.9	1620.1	1574.5	1532.3	1470.4
-65°	1603.8	1633.1	1652.6	1636.4	1616.8	1594.1	1558.3	1512.7	1470.4	1428.1	1372.8
-67.5°	1444.4	1486.7	1519.2	1483.5	1457.4	1428.1	1398.9	1359.8	1317.5	1268.7	1216.7
-70°	1193.9	1226.5	1255.7	1246.0	1239.5	1233.0	1213.4	1174.4	1138.6	1099.6	1054.0
-72.5°	959.7	989.0	1015.0	998.7	985.7	966.2	936.9	894.6	852.3	810.0	767.8
-75°	530.3	540.0	549.8	546.5	546.5	546.5	546.5	549.8	543.3	533.5	514.0
-77.5°	406.6	419.7	429.4	435.9	445.7	458.7	468.5	452.2	435.9	419.7	400.1
-80°	318.8	331.8	341.6	377.4	403.4	432.7	452.2	429.4	406.6	387.1	370.9
-82.5°	240.7	250.5	260.3	279.8	292.8	309.1	322.1	322.1	318.8	315.6	305.8
-85°	175.7	188.7	201.7	208.2	218.0	218.0	221.2	208.2	195.2	185.4	172.4
-87.5°	100.8	104.1	104.1	104.1	107.4	107.4	107.4	100.8	97.6	91.1	87.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P723701

CATALOG NUMBER: IFLD-S-SA6A-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.3	3.3	3.3	6.5	6.5	9.8	9.8	13.0	13.0	16.3	16.3
85°	19.5	19.5	19.5	22.8	22.8	26.0	29.3	32.5	35.8	35.8	39.0
82.5°	32.5	35.8	39.0	42.3	45.5	48.8	52.1	55.3	65.1	71.6	74.8
80°	32.5	35.8	45.5	52.1	58.6	65.1	65.1	65.1	65.1	68.3	74.8
77.5°	22.8	26.0	29.3	35.8	52.1	65.1	74.8	81.3	74.8	71.6	65.1
75°	13.0	16.3	19.5	22.8	32.5	45.5	61.8	78.1	91.1	87.8	81.3
72.5°	13.0	13.0	16.3	19.5	22.8	26.0	29.3	45.5	65.1	81.3	91.1
70°	13.0	16.3	16.3	19.5	22.8	26.0	29.3	35.8	45.5	65.1	84.6
67.5°	13.0	16.3	16.3	22.8	29.3	32.5	35.8	32.5	29.3	42.3	61.8
65°	13.0	13.0	16.3	19.5	22.8	26.0	35.8	35.8	32.5	32.5	32.5
62.5°	19.5	19.5	19.5	19.5	22.8	22.8	22.8	29.3	29.3	29.3	29.3
60°	39.0	35.8	35.8	35.8	35.8	29.3	29.3	29.3	26.0	29.3	26.0
57.5°	94.3	78.1	71.6	71.6	61.8	58.6	48.8	35.8	35.8	29.3	29.3
55°	191.9	182.2	152.9	126.9	113.9	100.8	78.1	65.1	48.8	39.0	35.8
52.5°	296.0	270.0	244.0	211.5	178.9	152.9	130.1	100.8	81.3	58.6	45.5
50°	387.1	364.4	335.1	299.3	257.0	224.5	191.9	152.9	120.4	91.1	65.1
47.5°	527.0	481.5	445.7	403.4	354.6	309.1	266.8	221.2	169.2	133.4	100.8
45°	676.7	611.6	562.8	523.8	458.7	396.9	348.1	299.3	237.5	175.7	136.6
42.5°	780.8	732.0	666.9	614.9	556.3	491.2	426.2	374.1	309.1	237.5	175.7
40°	836.1	803.5	751.5	705.9	644.1	572.6	504.2	452.2	383.9	305.8	221.2
37.5°	878.4	862.1	836.1	800.3	741.7	657.1	588.8	527.0	468.5	377.4	286.3
35°	927.2	923.9	907.6	891.4	842.6	761.2	679.9	608.3	536.8	452.2	351.3
32.5°	972.7	969.4	959.7	953.2	933.7	862.1	774.3	692.9	611.6	523.8	413.2
30°	995.5	989.0	989.0	995.5	976.0	930.4	865.3	777.5	686.4	582.3	478.2
27.5°	995.5	989.0	992.2	1002.0	998.7	976.0	927.2	855.6	754.7	637.6	536.8
25°	953.2	985.7	985.7	998.7	1002.0	995.5	969.4	923.9	819.8	696.2	582.3
22.5°	894.6	972.7	1002.0	998.7	1002.0	1018.2	1021.5	979.2	881.6	754.7	627.9
20°	894.6	949.9	1034.5	1011.7	1018.2	1054.0	1070.3	1034.5	946.7	810.0	673.4
17.5°	914.1	949.9	1021.5	1057.3	1067.0	1096.3	1122.3	1099.6	1005.2	868.6	735.2
15°	969.4	962.9	1011.7	1099.6	1115.8	1138.6	1167.9	1141.9	1057.3	933.7	793.8
12.5°	1008.5	972.7	1011.7	1106.1	1158.1	1180.9	1190.7	1171.1	1102.8	992.2	852.3
10°	1060.5	998.7	1018.2	1099.6	1174.4	1190.7	1200.4	1193.9	1145.1	1041.0	904.4
7.5°	1099.6	1011.7	1011.7	1089.8	1190.7	1203.7	1210.2	1216.7	1180.9	1083.3	949.9
5°	1115.8	1011.7	1005.2	1080.1	1206.9	1219.9	1219.9	1229.7	1206.9	1115.8	982.5
2.5°	1119.1	1008.5	998.7	1073.6	1236.2	1236.2	1229.7	1239.5	1226.5	1135.4	1005.2
0°	1135.4	1005.2	995.5	1083.3	1268.7	1255.7	1239.5	1242.7	1236.2	1145.1	1018.2
-2.5°	1135.4	1021.5	1008.5	1089.8	1265.5	1262.2	1255.7	1259.0	1252.5	1174.4	1044.3
-5°	1151.6	1044.3	1031.3	1119.1	1262.2	1272.0	1275.2	1275.2	1265.5	1193.9	1060.5
-7.5°	1154.9	1060.5	1057.3	1148.4	1268.7	1285.0	1294.8	1301.3	1281.8	1206.9	1073.6
-10°	1138.6	1067.0	1083.3	1184.2	1275.2	1298.0	1317.5	1327.3	1294.8	1213.4	1080.1
-12.5°	1102.8	1067.0	1109.3	1229.7	1291.5	1317.5	1346.8	1350.1	1307.8	1216.7	1083.3
-15°	1099.6	1093.1	1154.9	1275.2	1301.3	1333.8	1379.4	1369.6	1317.5	1216.7	1083.3
-17.5°	1096.3	1128.9	1223.2	1291.5	1317.5	1353.3	1389.1	1379.4	1324.0	1216.7	1076.8
-20°	1125.6	1187.4	1304.5	1307.8	1337.1	1376.1	1395.6	1376.1	1314.3	1206.9	1067.0

REPORT NUMBER: P723701

CATALOG NUMBER: IFLD-S-SA6A-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1174.4	1291.5	1330.6	1343.6	1369.6	1398.9	1408.6	1379.4	1304.5	1190.7	1050.8
-25°	1298.0	1356.6	1356.6	1385.9	1411.9	1424.9	1415.1	1382.6	1291.5	1174.4	1034.5
-27.5°	1392.4	1389.1	1405.4	1434.7	1457.4	1457.4	1431.4	1366.3	1272.0	1158.1	1011.7
-30°	1428.1	1431.4	1454.2	1486.7	1493.2	1476.9	1437.9	1353.3	1255.7	1132.1	982.5
-32.5°	1463.9	1476.9	1506.2	1522.5	1525.7	1493.2	1421.6	1330.6	1229.7	1102.8	949.9
-35°	1506.2	1532.3	1548.5	1551.8	1535.5	1480.2	1398.9	1301.3	1190.7	1060.5	920.7
-37.5°	1561.5	1574.5	1584.3	1571.3	1525.7	1460.7	1359.8	1262.2	1154.9	1015.0	878.4
-40°	1597.3	1603.8	1607.1	1564.8	1509.5	1415.1	1317.5	1216.7	1093.1	962.9	832.8
-42.5°	1620.1	1613.6	1587.6	1542.0	1460.7	1369.6	1275.2	1161.4	1037.8	910.9	784.0
-45°	1613.6	1590.8	1551.8	1496.5	1411.9	1320.8	1210.2	1096.3	979.2	855.6	728.7
-47.5°	1587.6	1551.8	1503.0	1437.9	1359.8	1249.2	1138.6	1028.0	914.1	793.8	676.7
-50°	1555.0	1512.7	1454.2	1372.8	1268.7	1167.9	1067.0	959.7	842.6	732.0	627.9
-52.5°	1519.2	1473.7	1398.9	1307.8	1193.9	1089.8	992.2	888.1	780.8	676.7	585.6
-55°	1480.2	1434.7	1350.1	1246.0	1132.1	1018.2	923.9	836.1	732.0	631.1	549.8
-57.5°	1460.7	1402.1	1314.3	1210.2	1089.8	972.7	891.4	797.0	702.7	598.6	520.5
-60°	1444.4	1385.9	1304.5	1184.2	1070.3	959.7	865.3	774.3	673.4	575.8	497.7
-62.5°	1398.9	1337.1	1262.2	1145.1	1034.5	933.7	849.1	741.7	644.1	553.0	481.5
-65°	1307.8	1242.7	1177.7	1073.6	972.7	878.4	793.8	696.2	605.1	527.0	465.2
-67.5°	1164.6	1109.3	1050.8	962.9	878.4	793.8	715.7	631.1	556.3	501.0	468.5
-70°	1005.2	946.7	888.1	816.5	745.0	676.7	614.9	553.0	504.2	475.0	448.9
-72.5°	732.0	705.9	676.7	621.4	562.8	520.5	491.2	465.2	429.4	403.4	387.1
-75°	488.0	452.2	406.6	387.1	390.4	383.9	367.6	348.1	331.8	322.1	299.3
-77.5°	380.6	361.1	338.3	315.6	305.8	296.0	283.0	266.8	253.7	231.0	198.4
-80°	351.3	335.1	318.8	302.5	286.3	263.5	237.5	211.5	198.4	188.7	185.4
-82.5°	289.5	270.0	250.5	234.2	211.5	195.2	178.9	165.9	165.9	162.7	159.4
-85°	165.9	159.4	149.6	143.1	136.6	126.9	117.1	110.6	107.4	104.1	100.8
-87.5°	84.6	81.3	74.8	71.6	68.3	65.1	58.6	55.3	52.1	52.1	48.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P723701

CATALOG NUMBER: IFLD-S-SA6A-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.3	16.3	13.0	13.0	13.0	9.8	6.5	6.5	3.3	3.3	0.0
85°	39.0	32.5	29.3	26.0	26.0	19.5	13.0	9.8	6.5	3.3	3.3
82.5°	74.8	65.1	55.3	48.8	39.0	29.3	22.8	16.3	9.8	6.5	3.3
80°	84.6	84.6	81.3	68.3	55.3	42.3	29.3	19.5	13.0	9.8	6.5
77.5°	65.1	71.6	71.6	71.6	68.3	52.1	35.8	22.8	13.0	9.8	6.5
75°	74.8	65.1	61.8	65.1	61.8	52.1	42.3	26.0	16.3	13.0	6.5
72.5°	91.1	78.1	68.3	65.1	58.6	48.8	39.0	29.3	16.3	13.0	9.8
70°	84.6	81.3	74.8	68.3	58.6	48.8	39.0	29.3	19.5	13.0	9.8
67.5°	74.8	74.8	74.8	68.3	58.6	45.5	35.8	26.0	19.5	13.0	9.8
65°	52.1	61.8	68.3	65.1	58.6	45.5	35.8	26.0	19.5	16.3	9.8
62.5°	32.5	42.3	55.3	61.8	55.3	45.5	32.5	26.0	19.5	16.3	9.8
60°	29.3	32.5	39.0	48.8	52.1	42.3	32.5	22.8	19.5	16.3	9.8
57.5°	29.3	29.3	32.5	39.0	42.3	39.0	29.3	19.5	19.5	16.3	13.0
55°	32.5	29.3	29.3	32.5	35.8	35.8	29.3	19.5	19.5	16.3	13.0
52.5°	39.0	32.5	29.3	29.3	29.3	32.5	26.0	19.5	19.5	16.3	13.0
50°	48.8	39.0	35.8	29.3	29.3	29.3	26.0	19.5	16.3	16.3	13.0
47.5°	65.1	52.1	39.0	35.8	29.3	26.0	22.8	19.5	16.3	16.3	13.0
45°	97.6	61.8	52.1	39.0	32.5	29.3	26.0	19.5	16.3	16.3	13.0
42.5°	133.4	91.1	65.1	45.5	35.8	29.3	26.0	22.8	16.3	16.3	13.0
40°	169.2	123.6	81.3	58.6	42.3	32.5	26.0	22.8	19.5	16.3	13.0
37.5°	208.2	152.9	107.4	74.8	48.8	35.8	29.3	22.8	19.5	16.3	13.0
35°	257.0	191.9	133.4	91.1	58.6	42.3	32.5	22.8	19.5	16.3	13.0
32.5°	312.3	227.7	159.4	110.6	74.8	52.1	35.8	26.0	19.5	16.3	13.0
30°	364.4	270.0	188.7	133.4	91.1	58.6	39.0	26.0	19.5	16.3	9.8
27.5°	416.4	312.3	224.5	156.2	110.6	68.3	42.3	29.3	19.5	16.3	13.0
25°	468.5	354.6	260.3	178.9	126.9	81.3	52.1	32.5	19.5	16.3	13.0
22.5°	514.0	396.9	292.8	205.0	146.4	94.3	58.6	35.8	22.8	16.3	13.0
20°	566.1	442.4	328.6	234.2	162.7	107.4	65.1	39.0	22.8	16.3	13.0
17.5°	614.9	488.0	364.4	260.3	182.2	120.4	74.8	42.3	26.0	16.3	13.0
15°	663.6	530.3	396.9	286.3	201.7	133.4	81.3	45.5	29.3	16.3	13.0
12.5°	709.2	569.3	426.2	309.1	218.0	146.4	87.8	48.8	32.5	16.3	13.0
10°	751.5	605.1	455.4	328.6	234.2	156.2	94.3	55.3	35.8	16.3	13.0
7.5°	793.8	634.4	478.2	348.1	253.7	169.2	100.8	58.6	39.0	19.5	13.0
5°	819.8	660.4	497.7	364.4	270.0	182.2	107.4	61.8	42.3	19.5	13.0
2.5°	842.6	679.9	510.8	380.6	286.3	191.9	107.4	65.1	45.5	19.5	13.0
0°	855.6	692.9	520.5	390.4	299.3	198.4	110.6	68.3	48.8	19.5	13.0
-2.5°	884.9	715.7	543.3	403.4	312.3	218.0	117.1	71.6	52.1	22.8	13.0
-5°	904.4	728.7	559.5	416.4	322.1	237.5	126.9	78.1	58.6	29.3	16.3
-7.5°	920.7	741.7	572.6	422.9	331.8	244.0	130.1	81.3	61.8	32.5	16.3
-10°	923.9	748.2	582.3	432.7	338.3	253.7	133.4	84.6	65.1	35.8	16.3
-12.5°	927.2	754.7	585.6	439.2	344.8	260.3	136.6	87.8	68.3	39.0	16.3
-15°	923.9	751.5	585.6	445.7	348.1	253.7	143.1	91.1	71.6	42.3	16.3
-17.5°	917.4	748.2	582.3	442.4	344.8	247.2	146.4	97.6	71.6	45.5	19.5
-20°	907.6	738.5	575.8	439.2	341.6	240.7	149.6	100.8	74.8	45.5	19.5

REPORT NUMBER: P723701

CATALOG NUMBER: IFLD-S-SA6A-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	891.4	722.2	562.8	429.4	335.1	234.2	149.6	107.4	78.1	45.5	19.5
-25°	871.9	705.9	549.8	416.4	325.3	224.5	149.6	110.6	81.3	45.5	19.5
-27.5°	849.1	689.7	530.3	406.6	312.3	218.0	149.6	113.9	84.6	45.5	19.5
-30°	823.1	666.9	514.0	390.4	302.5	218.0	152.9	117.1	87.8	45.5	19.5
-32.5°	797.0	644.1	494.5	377.4	289.5	214.7	152.9	120.4	91.1	42.3	22.8
-35°	767.8	618.1	478.2	367.6	279.8	208.2	156.2	120.4	87.8	42.3	22.8
-37.5°	732.0	585.6	462.0	357.9	273.3	201.7	156.2	123.6	84.6	42.3	22.8
-40°	692.9	559.5	442.4	344.8	263.5	198.4	156.2	123.6	81.3	42.3	26.0
-42.5°	650.6	530.3	422.9	331.8	253.7	195.2	156.2	123.6	78.1	42.3	26.0
-45°	611.6	501.0	400.1	315.6	244.0	195.2	156.2	120.4	71.6	45.5	26.0
-47.5°	569.3	468.5	374.1	299.3	240.7	191.9	152.9	113.9	65.1	45.5	26.0
-50°	533.5	435.9	354.6	283.0	234.2	195.2	156.2	104.1	65.1	45.5	26.0
-52.5°	497.7	413.2	331.8	276.5	227.7	198.4	152.9	97.6	65.1	45.5	26.0
-55°	468.5	390.4	318.8	266.8	234.2	205.0	146.4	87.8	65.1	45.5	26.0
-57.5°	445.7	377.4	309.1	270.0	244.0	198.4	136.6	84.6	65.1	42.3	26.0
-60°	429.4	364.4	312.3	283.0	247.2	188.7	130.1	84.6	65.1	42.3	22.8
-62.5°	416.4	367.6	328.6	292.8	234.2	175.7	123.6	84.6	58.6	39.0	22.8
-65°	419.7	380.6	335.1	279.8	224.5	162.7	113.9	81.3	55.3	35.8	22.8
-67.5°	429.4	370.9	315.6	263.5	201.7	146.4	104.1	74.8	52.1	35.8	22.8
-70°	396.9	341.6	286.3	224.5	172.4	126.9	97.6	68.3	45.5	32.5	22.8
-72.5°	357.9	286.3	227.7	182.2	146.4	117.1	87.8	61.8	42.3	29.3	19.5
-75°	260.3	208.2	169.2	152.9	130.1	104.1	78.1	55.3	39.0	29.3	19.5
-77.5°	185.4	172.4	156.2	139.9	117.1	91.1	68.3	52.1	35.8	26.0	16.3
-80°	182.2	165.9	146.4	120.4	97.6	78.1	58.6	45.5	32.5	22.8	13.0
-82.5°	152.9	130.1	110.6	91.1	74.8	61.8	48.8	35.8	26.0	16.3	9.8
-85°	94.3	81.3	71.6	61.8	52.1	42.3	32.5	22.8	16.3	9.8	6.5
-87.5°	45.5	42.3	35.8	29.3	26.0	19.5	16.3	13.0	9.8	6.5	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P723701

CATALOG NUMBER: IFLD-S-SA6A-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	3.3	0.0	0.0	0.0
80°	3.3	0.0	0.0	0.0
77.5°	3.3	0.0	0.0	0.0
75°	3.3	3.3	0.0	0.0
72.5°	3.3	3.3	0.0	0.0
70°	6.5	3.3	3.3	0.0
67.5°	6.5	3.3	3.3	0.0
65°	6.5	3.3	3.3	0.0
62.5°	6.5	3.3	3.3	0.0
60°	6.5	3.3	3.3	0.0
57.5°	6.5	3.3	3.3	0.0
55°	6.5	3.3	3.3	0.0
52.5°	6.5	3.3	3.3	0.0
50°	6.5	3.3	3.3	0.0
47.5°	6.5	6.5	3.3	0.0
45°	6.5	6.5	3.3	0.0
42.5°	6.5	6.5	3.3	0.0
40°	6.5	6.5	3.3	0.0
37.5°	6.5	6.5	3.3	0.0
35°	6.5	6.5	3.3	0.0
32.5°	9.8	6.5	3.3	0.0
30°	9.8	6.5	6.5	0.0
27.5°	9.8	6.5	6.5	0.0
25°	9.8	6.5	6.5	0.0
22.5°	9.8	6.5	6.5	0.0
20°	9.8	6.5	6.5	0.0
17.5°	9.8	6.5	6.5	0.0
15°	9.8	6.5	6.5	0.0
12.5°	9.8	6.5	6.5	0.0
10°	9.8	6.5	6.5	0.0
7.5°	9.8	6.5	6.5	0.0
5°	9.8	6.5	6.5	0.0
2.5°	9.8	6.5	6.5	0.0
0°	9.8	6.5	6.5	0.0
-2.5°	9.8	6.5	6.5	0.0
-5°	9.8	6.5	6.5	0.0
-7.5°	9.8	6.5	6.5	0.0
-10°	9.8	6.5	6.5	0.0
-12.5°	13.0	6.5	6.5	0.0
-15°	13.0	6.5	6.5	0.0
-17.5°	13.0	6.5	6.5	0.0
-20°	13.0	6.5	6.5	0.0

REPORT NUMBER: P723701

CATALOG NUMBER: IFLD-S-SA6A-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.0	6.5	6.5	0.0
-25°	13.0	6.5	6.5	0.0
-27.5°	13.0	6.5	6.5	0.0
-30°	13.0	6.5	6.5	0.0
-32.5°	13.0	6.5	6.5	0.0
-35°	13.0	6.5	6.5	0.0
-37.5°	13.0	6.5	6.5	0.0
-40°	13.0	6.5	6.5	0.0
-42.5°	9.8	6.5	3.3	0.0
-45°	13.0	6.5	3.3	0.0
-47.5°	13.0	6.5	3.3	0.0
-50°	13.0	6.5	3.3	0.0
-52.5°	13.0	6.5	3.3	0.0
-55°	13.0	6.5	3.3	0.0
-57.5°	13.0	6.5	3.3	0.0
-60°	13.0	6.5	3.3	0.0
-62.5°	13.0	6.5	3.3	0.0
-65°	13.0	6.5	3.3	0.0
-67.5°	13.0	6.5	3.3	0.0
-70°	13.0	3.3	3.3	0.0
-72.5°	9.8	3.3	3.3	0.0
-75°	9.8	3.3	3.3	0.0
-77.5°	6.5	3.3	0.0	0.0
-80°	6.5	3.3	0.0	0.0
-82.5°	6.5	3.3	0.0	0.0
-85°	3.3	0.0	0.0	0.0
-87.5°	3.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)