

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: P723671

Luminaire Tested: **IFLD-S-SA3E-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723671
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	13002.8 lumens	Max Intensity:	305910.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' 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:	4715.4 lumens	Field Lumens:	7517.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

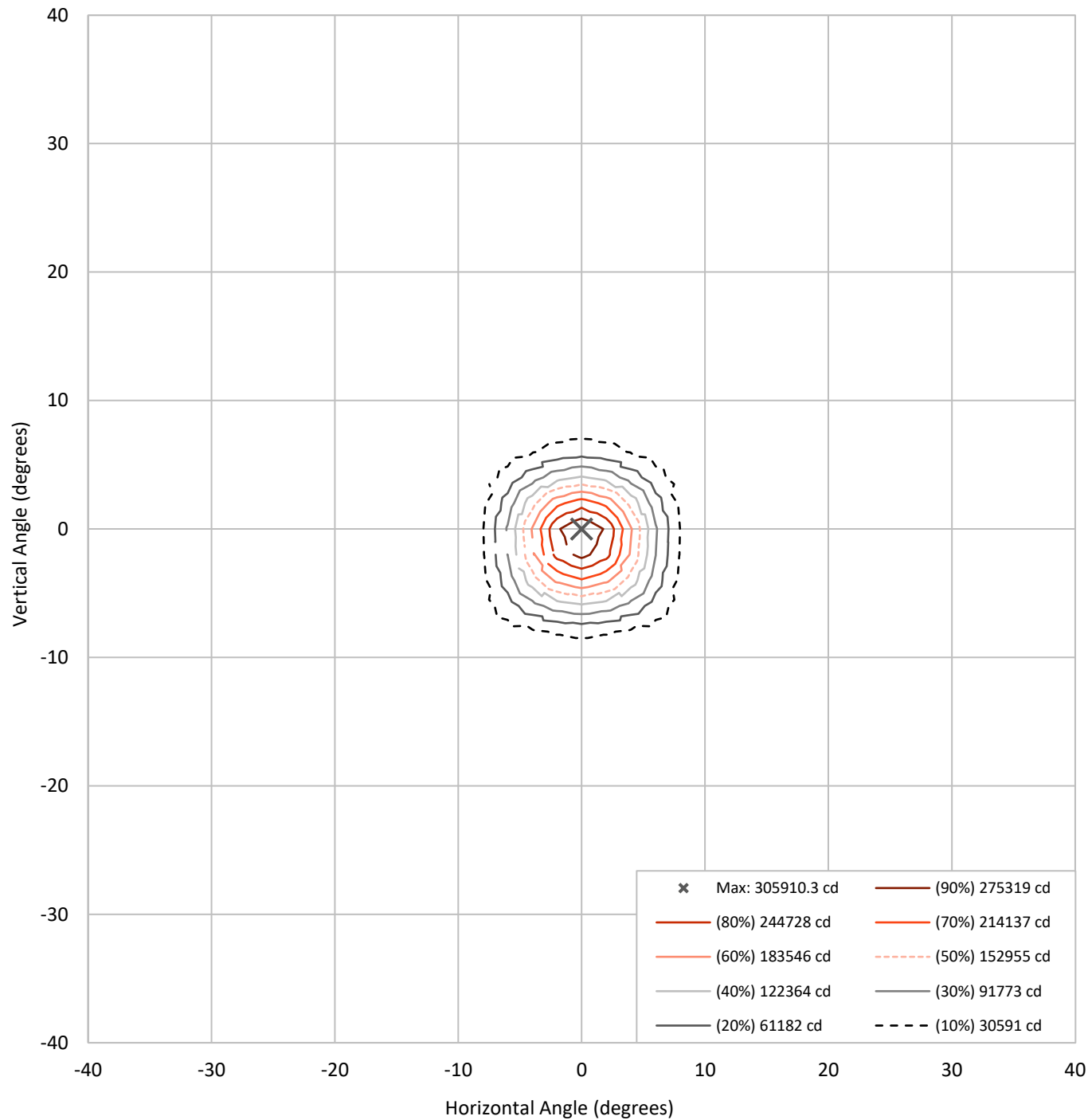
Input Watts (W): 232.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P723671
CATALOG NUMBER: IFLD-S-SA3E-730-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723671

CATALOG NUMBER: IFLD-S-SA3E-730-U-11-VI

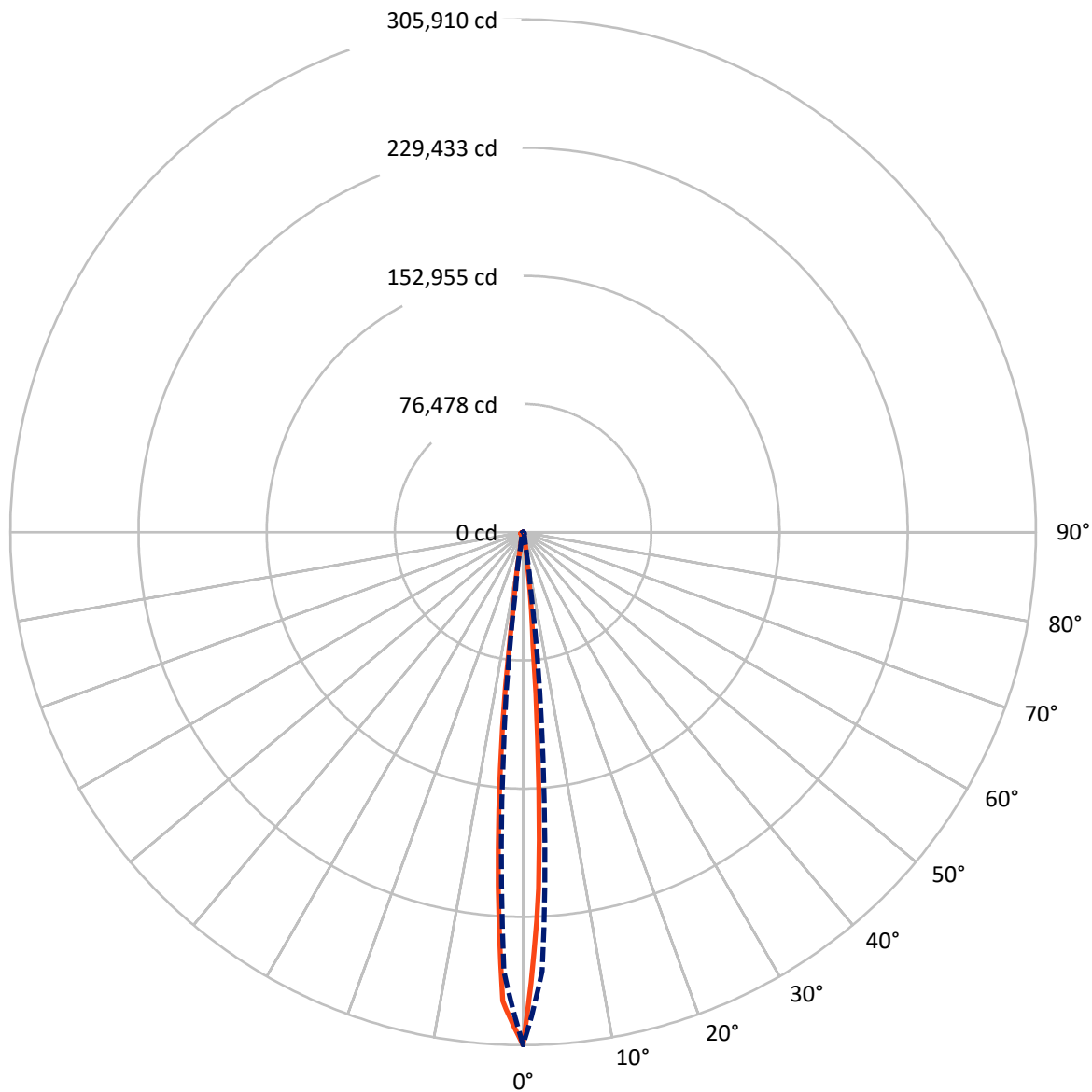
Lumen Table

Vertical Angle (degrees)																
	0.2	2.9		3.1		1.2		0.3		1.2		3.1		2.9		0.2
90																
80	0.2	2.9		3.1		1.2		0.3		1.2		3.1		2.9		0.2
70																
60	0.3	0.6	0.8	0.6	0.5	0.4	0.3	0.2	0.2	0.3	0.4	0.5	0.6	0.8	0.6	0.3
50		0.4	0.6	1.5	3.3	5.5	7.0	8.1	8.1	7.0	5.5	3.3	1.5	0.6	0.4	
40	0.3	0.4	1.8	5.9	11.7	17.1	20.5	22.7	22.7	20.5	17.1	11.7	5.9	1.8	0.4	0.3
30		0.9	4.5	12.2	19.8	23.2	25.1	26.0	26.0	25.1	23.2	19.8	12.2	4.5	0.9	
20	0.5	1.7	7.7	17.7	22.9	23.6	27.8	33.5	33.5	27.8	23.6	22.9	17.7	7.7	1.7	0.5
10		2.6	10.8	21.7	24.4	27.6	48.4	82.5	82.5	48.4	27.6	24.4	21.7	10.8	2.6	
0	0.9	3.4	13.3	23.9	25.3	34.0	92.1	1707.0	1707.0	92.1	34.0	25.3	23.9	13.3	3.4	0.9
-10		4.0	14.5	25.1	26.3	35.2	99.2	2488.9	2488.9	99.2	35.2	26.3	25.1	14.5	4.0	
-20	1.2	4.3	14.9	26.4	28.4	31.7	57.7	110.7	110.7	57.7	31.7	28.4	26.4	14.9	4.3	1.2
-30		4.0	14.1	26.8	31.9	32.0	37.4	45.6	45.6	37.4	32.0	31.9	26.8	14.1	4.0	
-40	1.4	3.6	12.5	25.6	35.1	38.3	39.8	40.1	40.1	39.8	38.3	35.1	25.6	12.5	3.6	1.4
-50		3.2	10.1	21.7	33.9	41.2	46.1	48.4	48.4	46.1	41.2	33.9	21.7	10.1	3.2	
-60	1.1	2.9	7.8	16.8	28.9	38.8	45.0	47.6	47.6	45.0	38.8	28.9	16.8	7.8	2.9	1.1
-70		2.6	6.8	13.7	24.1	33.9	41.0	44.3	44.3	41.0	33.9	24.1	13.7	6.8	2.6	
-80	0.5	8.0		24.0		44.4		49.0		44.4		24.0		8.0		0.5
-90																
Horizontal Angle (degrees)																
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	90

REPORT NUMBER: P723671

CATALOG NUMBER: IFLD-S-SA3E-730-U-11-VI

Luminous Intensity Polar Plot



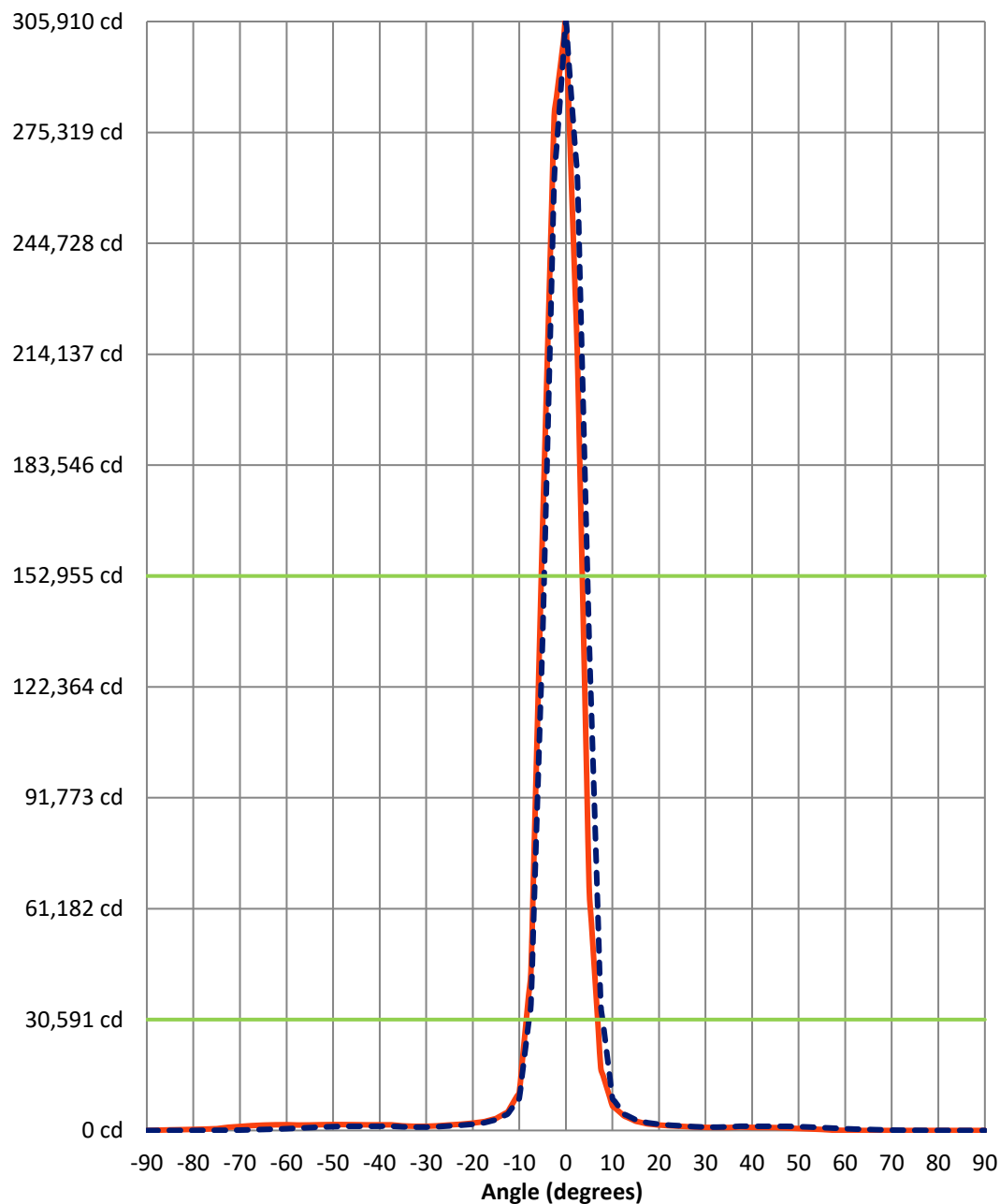
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723671

CATALOG NUMBER: IFLD-S-SA3E-730-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 4715.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 7517.2

Efficiency: 57.8%

Spill:

Lumens: 5485.6

Efficiency: 42.2%

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

REPORT NUMBER: P723671

CATALOG NUMBER: IFLD-S-SA3E-730-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	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
85°	0.0	3.0	3.0	6.0	6.0	6.0	9.0	12.0	15.0	15.0	18.0
82.5°	0.0	3.0	3.0	6.0	6.0	9.0	9.0	15.0	18.0	21.0	27.0
80°	3.0	3.0	3.0	6.0	6.0	9.0	9.0	12.0	15.0	21.0	24.0
77.5°	0.0	3.0	3.0	3.0	6.0	6.0	6.0	9.0	12.0	15.0	18.0
75°	0.0	3.0	3.0	3.0	6.0	6.0	6.0	6.0	9.0	9.0	12.0
72.5°	0.0	0.0	0.0	3.0	3.0	6.0	6.0	6.0	9.0	9.0	9.0
70°	0.0	0.0	0.0	3.0	3.0	6.0	6.0	6.0	9.0	9.0	9.0
67.5°	0.0	0.0	0.0	3.0	3.0	6.0	6.0	6.0	9.0	9.0	9.0
65°	0.0	0.0	0.0	3.0	3.0	6.0	6.0	9.0	9.0	9.0	9.0
62.5°	3.0	3.0	3.0	6.0	9.0	9.0	12.0	15.0	15.0	15.0	15.0
60°	30.0	33.0	36.0	36.0	33.0	33.0	36.0	36.0	36.0	36.0	36.0
57.5°	81.0	87.0	90.0	90.0	90.0	87.0	99.1	102.1	90.0	84.0	93.1
55°	282.2	291.2	285.2	276.2	258.1	237.1	231.1	228.1	231.1	216.1	192.1
52.5°	411.2	420.2	417.2	411.2	399.2	384.2	372.2	360.2	348.2	324.2	297.2
50°	534.3	537.3	534.3	528.3	516.3	501.3	477.3	450.2	426.2	420.2	396.2
47.5°	672.4	681.4	681.4	678.4	669.4	642.4	606.3	567.3	549.3	543.3	519.3
45°	795.4	801.4	804.4	807.4	804.4	777.4	744.4	723.4	684.4	672.4	672.4
42.5°	828.5	831.5	834.5	837.5	846.5	825.5	798.4	762.4	753.4	750.4	744.4
40°	840.5	834.5	837.5	840.5	843.5	828.5	807.4	786.4	780.4	774.4	774.4
37.5°	954.5	927.5	906.5	888.5	873.5	858.5	837.5	819.5	804.4	792.4	804.4
35°	813.4	813.4	834.5	852.5	870.5	888.5	891.5	870.5	837.5	822.5	843.5
32.5°	831.5	831.5	831.5	837.5	843.5	858.5	873.5	882.5	906.5	879.5	879.5
30°	849.5	852.5	858.5	861.5	852.5	846.5	840.5	840.5	855.5	894.5	915.5
27.5°	954.5	954.5	945.5	933.5	906.5	864.5	843.5	813.4	816.4	834.5	885.5
25°	1125.6	1119.6	1098.6	1068.6	1020.6	960.5	903.5	840.5	813.4	804.4	825.5
22.5°	1287.7	1278.7	1251.7	1224.7	1185.7	1125.6	1029.6	933.5	849.5	813.4	804.4
20°	1494.8	1473.8	1443.8	1401.8	1338.7	1278.7	1194.7	1068.6	945.5	852.5	816.4
17.5°	1828.0	1801.0	1744.0	1668.9	1560.9	1467.8	1347.7	1227.7	1089.6	939.5	858.5
15°	2557.4	2488.4	2389.3	2182.2	1969.1	1792.0	1611.9	1410.8	1269.7	1071.6	948.5
12.5°	4022.2	3833.1	3545.0	3061.7	2584.4	2173.2	1882.0	1623.9	1395.8	1212.7	1038.6
10°	6807.7	6402.5	5607.1	4286.4	3406.9	2650.5	2128.2	1783.0	1494.8	1305.7	1113.6
7.5°	17217.5	14044.7	9938.5	6786.7	4457.5	3238.8	2434.3	1933.1	1599.9	1365.8	1173.6
5°	67104.9	55278.4	29488.2	12306.8	6705.7	3917.2	2710.5	2053.1	1668.9	1410.8	1218.7
2.5°	212970.2	183914.2	96491.1	26492.6	8233.5	4412.4	2899.6	2128.2	1707.9	1443.8	1251.7
0°	305910.3	262176.3	135419.5	34843.2	8929.9	4538.5	2959.6	2143.2	1713.9	1449.8	1251.7
-2.5°	279856.0	244928.8	130815.0	32423.8	9125.0	4574.5	3007.7	2194.2	1759.0	1476.8	1260.7
-5°	166288.5	145859.3	91253.2	23118.7	8107.5	4247.3	2881.6	2149.2	1729.0	1461.8	1254.7
-7.5°	43812.1	37928.9	24949.7	12063.6	5246.9	3593.0	2647.5	2074.1	1689.9	1434.8	1230.7
-10°	10562.8	10010.5	8941.9	5481.0	4085.2	3001.7	2347.3	1939.1	1611.9	1398.8	1191.7
-12.5°	5093.8	4973.7	4514.5	3722.0	3031.7	2494.4	2125.2	1798.0	1539.8	1335.7	1137.6
-15°	3313.8	3244.8	3088.7	2785.5	2434.3	2176.2	1918.1	1653.9	1449.8	1242.7	1092.6
-17.5°	2452.3	2449.3	2371.3	2257.2	2083.1	1891.0	1701.9	1533.8	1335.7	1158.6	1044.6
-20°	2032.1	2032.1	1987.1	1912.1	1789.0	1662.9	1536.8	1380.8	1218.7	1086.6	1038.6

REPORT NUMBER: P723671

CATALOG NUMBER: IFLD-S-SA3E-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1725.9	1729.0	1704.9	1656.9	1590.9	1485.8	1362.7	1236.7	1119.6	1071.6	1056.6
-25°	1527.8	1521.8	1494.8	1449.8	1380.8	1296.7	1215.7	1131.6	1098.6	1086.6	1107.6
-27.5°	1293.7	1302.7	1290.7	1269.7	1224.7	1164.6	1146.6	1122.6	1128.6	1146.6	1227.7
-30°	1155.6	1164.6	1176.6	1185.7	1170.6	1155.6	1161.6	1179.6	1218.7	1287.7	1317.7
-32.5°	1155.6	1158.6	1176.6	1194.7	1203.7	1215.7	1248.7	1308.7	1365.8	1347.7	1341.7
-35°	1260.7	1251.7	1275.7	1299.7	1332.7	1374.8	1410.8	1398.8	1377.8	1371.8	1377.8
-37.5°	1560.9	1503.8	1479.8	1464.8	1455.8	1449.8	1440.8	1431.8	1422.8	1416.8	1425.8
-40°	1557.9	1542.8	1527.8	1515.8	1506.8	1494.8	1488.8	1485.8	1476.8	1470.8	1464.8
-42.5°	1551.9	1557.9	1557.9	1554.9	1557.9	1554.9	1545.9	1533.8	1518.8	1506.8	1494.8
-45°	1596.9	1599.9	1605.9	1611.9	1620.9	1608.9	1590.9	1569.9	1548.9	1530.8	1515.8
-47.5°	1623.9	1626.9	1632.9	1641.9	1647.9	1635.9	1611.9	1584.9	1551.9	1521.8	1491.8
-50°	1632.9	1641.9	1644.9	1644.9	1641.9	1626.9	1590.9	1551.9	1515.8	1485.8	1458.8
-52.5°	1590.9	1599.9	1602.9	1596.9	1593.9	1578.9	1545.9	1509.8	1470.8	1449.8	1425.8
-55°	1521.8	1533.8	1542.8	1542.8	1542.8	1539.8	1509.8	1476.8	1446.8	1422.8	1398.8
-57.5°	1494.8	1515.8	1533.8	1536.8	1539.8	1542.8	1521.8	1488.8	1452.8	1416.8	1386.8
-60°	1593.9	1611.9	1620.9	1608.9	1599.9	1590.9	1557.9	1518.8	1482.8	1446.8	1389.8
-62.5°	1566.9	1596.9	1611.9	1602.9	1590.9	1575.9	1539.8	1494.8	1452.8	1413.8	1356.7
-65°	1479.8	1506.8	1524.8	1509.8	1491.8	1470.8	1437.8	1395.8	1356.7	1317.7	1266.7
-67.5°	1332.7	1371.8	1401.8	1368.8	1344.7	1317.7	1290.7	1254.7	1215.7	1170.6	1122.6
-70°	1101.6	1131.6	1158.6	1149.6	1143.6	1137.6	1119.6	1083.6	1050.6	1014.6	972.5
-72.5°	885.5	912.5	936.5	921.5	909.5	891.5	864.5	825.5	786.4	747.4	708.4
-75°	489.3	498.3	507.3	504.3	504.3	504.3	504.3	507.3	501.3	492.3	474.3
-77.5°	375.2	387.2	396.2	402.2	411.2	423.2	432.2	417.2	402.2	387.2	369.2
-80°	294.2	306.2	315.2	348.2	372.2	399.2	417.2	396.2	375.2	357.2	342.2
-82.5°	222.1	231.1	240.1	258.1	270.1	285.2	297.2	297.2	294.2	291.2	282.2
-85°	162.1	174.1	186.1	192.1	201.1	201.1	204.1	192.1	180.1	171.1	159.1
-87.5°	93.1	96.1	96.1	96.1	99.1	99.1	99.1	93.1	90.0	84.0	81.0
-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: P723671

CATALOG NUMBER: IFLD-S-SA3E-730-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°	3.0	3.0	3.0	6.0	6.0	9.0	9.0	12.0	12.0	15.0	15.0
85°	18.0	18.0	18.0	21.0	21.0	24.0	27.0	30.0	33.0	33.0	36.0
82.5°	30.0	33.0	36.0	39.0	42.0	45.0	48.0	51.0	60.0	66.0	69.0
80°	30.0	33.0	42.0	48.0	54.0	60.0	60.0	60.0	60.0	63.0	69.0
77.5°	21.0	24.0	27.0	33.0	48.0	60.0	69.0	75.0	69.0	66.0	60.0
75°	12.0	15.0	18.0	21.0	30.0	42.0	57.0	72.0	84.0	81.0	75.0
72.5°	12.0	12.0	15.0	18.0	21.0	24.0	27.0	42.0	60.0	75.0	84.0
70°	12.0	15.0	15.0	18.0	21.0	24.0	27.0	33.0	42.0	60.0	78.0
67.5°	12.0	15.0	15.0	21.0	27.0	30.0	33.0	30.0	27.0	39.0	57.0
65°	12.0	12.0	15.0	18.0	21.0	24.0	33.0	33.0	30.0	30.0	30.0
62.5°	18.0	18.0	18.0	18.0	21.0	21.0	21.0	27.0	27.0	27.0	27.0
60°	36.0	33.0	33.0	33.0	33.0	27.0	27.0	27.0	24.0	27.0	24.0
57.5°	87.0	72.0	66.0	66.0	57.0	54.0	45.0	33.0	33.0	27.0	27.0
55°	177.1	168.1	141.1	117.1	105.1	93.1	72.0	60.0	45.0	36.0	33.0
52.5°	273.2	249.1	225.1	195.1	165.1	141.1	120.1	93.1	75.0	54.0	42.0
50°	357.2	336.2	309.2	276.2	237.1	207.1	177.1	141.1	111.1	84.0	60.0
47.5°	486.3	444.2	411.2	372.2	327.2	285.2	246.1	204.1	156.1	123.1	93.1
45°	624.3	564.3	519.3	483.3	423.2	366.2	321.2	276.2	219.1	162.1	126.1
42.5°	720.4	675.4	615.3	567.3	513.3	453.2	393.2	345.2	285.2	219.1	162.1
40°	771.4	741.4	693.4	651.4	594.3	528.3	465.3	417.2	354.2	282.2	204.1
37.5°	810.4	795.4	771.4	738.4	684.4	606.3	543.3	486.3	432.2	348.2	264.1
35°	855.5	852.5	837.5	822.5	777.4	702.4	627.3	561.3	495.3	417.2	324.2
32.5°	897.5	894.5	885.5	879.5	861.5	795.4	714.4	639.4	564.3	483.3	381.2
30°	918.5	912.5	912.5	918.5	900.5	858.5	798.4	717.4	633.3	537.3	441.2
27.5°	918.5	912.5	915.5	924.5	921.5	900.5	855.5	789.4	696.4	588.3	495.3
25°	879.5	909.5	909.5	921.5	924.5	918.5	894.5	852.5	756.4	642.4	537.3
22.5°	825.5	897.5	924.5	921.5	924.5	939.5	942.5	903.5	813.4	696.4	579.3
20°	825.5	876.5	954.5	933.5	939.5	972.5	987.5	954.5	873.5	747.4	621.3
17.5°	843.5	876.5	942.5	975.5	984.5	1011.6	1035.6	1014.6	927.5	801.4	678.4
15°	894.5	888.5	933.5	1014.6	1029.6	1050.6	1077.6	1053.6	975.5	861.5	732.4
12.5°	930.5	897.5	933.5	1020.6	1068.6	1089.6	1098.6	1080.6	1017.6	915.5	786.4
10°	978.5	921.5	939.5	1014.6	1083.6	1098.6	1107.6	1101.6	1056.6	960.5	834.5
7.5°	1014.6	933.5	933.5	1005.6	1098.6	1110.6	1116.6	1122.6	1089.6	999.6	876.5
5°	1029.6	933.5	927.5	996.5	1113.6	1125.6	1125.6	1134.6	1113.6	1029.6	906.5
2.5°	1032.6	930.5	921.5	990.5	1140.6	1140.6	1134.6	1143.6	1131.6	1047.6	927.5
0°	1047.6	927.5	918.5	999.6	1170.6	1158.6	1143.6	1146.6	1140.6	1056.6	939.5
-2.5°	1047.6	942.5	930.5	1005.6	1167.6	1164.6	1158.6	1161.6	1155.6	1083.6	963.5
-5°	1062.6	963.5	951.5	1032.6	1164.6	1173.6	1176.6	1176.6	1167.6	1101.6	978.5
-7.5°	1065.6	978.5	975.5	1059.6	1170.6	1185.7	1194.7	1200.7	1182.7	1113.6	990.5
-10°	1050.6	984.5	999.6	1092.6	1176.6	1197.7	1215.7	1224.7	1194.7	1119.6	996.5
-12.5°	1017.6	984.5	1023.6	1134.6	1191.7	1215.7	1242.7	1245.7	1206.7	1122.6	999.6
-15°	1014.6	1008.6	1065.6	1176.6	1200.7	1230.7	1272.7	1263.7	1215.7	1122.6	999.6
-17.5°	1011.6	1041.6	1128.6	1191.7	1215.7	1248.7	1281.7	1272.7	1221.7	1122.6	993.5
-20°	1038.6	1095.6	1203.7	1206.7	1233.7	1269.7	1287.7	1269.7	1212.7	1113.6	984.5

REPORT NUMBER: P723671

CATALOG NUMBER: IFLD-S-SA3E-730-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°	1083.6	1191.7	1227.7	1239.7	1263.7	1290.7	1299.7	1272.7	1203.7	1098.6	969.5
-25°	1197.7	1251.7	1251.7	1278.7	1302.7	1314.7	1305.7	1275.7	1191.7	1083.6	954.5
-27.5°	1284.7	1281.7	1296.7	1323.7	1344.7	1344.7	1320.7	1260.7	1173.6	1068.6	933.5
-30°	1317.7	1320.7	1341.7	1371.8	1377.8	1362.7	1326.7	1248.7	1158.6	1044.6	906.5
-32.5°	1350.7	1362.7	1389.8	1404.8	1407.8	1377.8	1311.7	1227.7	1134.6	1017.6	876.5
-35°	1389.8	1413.8	1428.8	1431.8	1416.8	1365.8	1290.7	1200.7	1098.6	978.5	849.5
-37.5°	1440.8	1452.8	1461.8	1449.8	1407.8	1347.7	1254.7	1164.6	1065.6	936.5	810.4
-40°	1473.8	1479.8	1482.8	1443.8	1392.8	1305.7	1215.7	1122.6	1008.6	888.5	768.4
-42.5°	1494.8	1488.8	1464.8	1422.8	1347.7	1263.7	1176.6	1071.6	957.5	840.5	723.4
-45°	1488.8	1467.8	1431.8	1380.8	1302.7	1218.7	1116.6	1011.6	903.5	789.4	672.4
-47.5°	1464.8	1431.8	1386.8	1326.7	1254.7	1152.6	1050.6	948.5	843.5	732.4	624.3
-50°	1434.8	1395.8	1341.7	1266.7	1170.6	1077.6	984.5	885.5	777.4	675.4	579.3
-52.5°	1401.8	1359.7	1290.7	1206.7	1101.6	1005.6	915.5	819.5	720.4	624.3	540.3
-55°	1365.8	1323.7	1245.7	1149.6	1044.6	939.5	852.5	771.4	675.4	582.3	507.3
-57.5°	1347.7	1293.7	1212.7	1116.6	1005.6	897.5	822.5	735.4	648.4	552.3	480.3
-60°	1332.7	1278.7	1203.7	1092.6	987.5	885.5	798.4	714.4	621.3	531.3	459.3
-62.5°	1290.7	1233.7	1164.6	1056.6	954.5	861.5	783.4	684.4	594.3	510.3	444.2
-65°	1206.7	1146.6	1086.6	990.5	897.5	810.4	732.4	642.4	558.3	486.3	429.2
-67.5°	1074.6	1023.6	969.5	888.5	810.4	732.4	660.4	582.3	513.3	462.3	432.2
-70°	927.5	873.5	819.5	753.4	687.4	624.3	567.3	510.3	465.3	438.2	414.2
-72.5°	675.4	651.4	624.3	573.3	519.3	480.3	453.2	429.2	396.2	372.2	357.2
-75°	450.2	417.2	375.2	357.2	360.2	354.2	339.2	321.2	306.2	297.2	276.2
-77.5°	351.2	333.2	312.2	291.2	282.2	273.2	261.1	246.1	234.1	213.1	183.1
-80°	324.2	309.2	294.2	279.2	264.1	243.1	219.1	195.1	183.1	174.1	171.1
-82.5°	267.1	249.1	231.1	216.1	195.1	180.1	165.1	153.1	153.1	150.1	147.1
-85°	153.1	147.1	138.1	132.1	126.1	117.1	108.1	102.1	99.1	96.1	93.1
-87.5°	78.0	75.0	69.0	66.0	63.0	60.0	54.0	51.0	48.0	48.0	45.0
-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: P723671

CATALOG NUMBER: IFLD-S-SA3E-730-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°	15.0	15.0	12.0	12.0	12.0	9.0	6.0	6.0	3.0	3.0	0.0
85°	36.0	30.0	27.0	24.0	24.0	18.0	12.0	9.0	6.0	3.0	3.0
82.5°	69.0	60.0	51.0	45.0	36.0	27.0	21.0	15.0	9.0	6.0	3.0
80°	78.0	78.0	75.0	63.0	51.0	39.0	27.0	18.0	12.0	9.0	6.0
77.5°	60.0	66.0	66.0	66.0	63.0	48.0	33.0	21.0	12.0	9.0	6.0
75°	69.0	60.0	57.0	60.0	57.0	48.0	39.0	24.0	15.0	12.0	6.0
72.5°	84.0	72.0	63.0	60.0	54.0	45.0	36.0	27.0	15.0	12.0	9.0
70°	78.0	75.0	69.0	63.0	54.0	45.0	36.0	27.0	18.0	12.0	9.0
67.5°	69.0	69.0	69.0	63.0	54.0	42.0	33.0	24.0	18.0	12.0	9.0
65°	48.0	57.0	63.0	60.0	54.0	42.0	33.0	24.0	18.0	15.0	9.0
62.5°	30.0	39.0	51.0	57.0	51.0	42.0	30.0	24.0	18.0	15.0	9.0
60°	27.0	30.0	36.0	45.0	48.0	39.0	30.0	21.0	18.0	15.0	9.0
57.5°	27.0	27.0	30.0	36.0	39.0	36.0	27.0	18.0	18.0	15.0	12.0
55°	30.0	27.0	27.0	30.0	33.0	33.0	27.0	18.0	18.0	15.0	12.0
52.5°	36.0	30.0	27.0	27.0	27.0	30.0	24.0	18.0	18.0	15.0	12.0
50°	45.0	36.0	33.0	27.0	27.0	27.0	24.0	18.0	15.0	15.0	12.0
47.5°	60.0	48.0	36.0	33.0	27.0	24.0	21.0	18.0	15.0	15.0	12.0
45°	90.0	57.0	48.0	36.0	30.0	27.0	24.0	18.0	15.0	15.0	12.0
42.5°	123.1	84.0	60.0	42.0	33.0	27.0	24.0	21.0	15.0	15.0	12.0
40°	156.1	114.1	75.0	54.0	39.0	30.0	24.0	21.0	18.0	15.0	12.0
37.5°	192.1	141.1	99.1	69.0	45.0	33.0	27.0	21.0	18.0	15.0	12.0
35°	237.1	177.1	123.1	84.0	54.0	39.0	30.0	21.0	18.0	15.0	12.0
32.5°	288.2	210.1	147.1	102.1	69.0	48.0	33.0	24.0	18.0	15.0	12.0
30°	336.2	249.1	174.1	123.1	84.0	54.0	36.0	24.0	18.0	15.0	9.0
27.5°	384.2	288.2	207.1	144.1	102.1	63.0	39.0	27.0	18.0	15.0	12.0
25°	432.2	327.2	240.1	165.1	117.1	75.0	48.0	30.0	18.0	15.0	12.0
22.5°	474.3	366.2	270.1	189.1	135.1	87.0	54.0	33.0	21.0	15.0	12.0
20°	522.3	408.2	303.2	216.1	150.1	99.1	60.0	36.0	21.0	15.0	12.0
17.5°	567.3	450.2	336.2	240.1	168.1	111.1	69.0	39.0	24.0	15.0	12.0
15°	612.3	489.3	366.2	264.1	186.1	123.1	75.0	42.0	27.0	15.0	12.0
12.5°	654.4	525.3	393.2	285.2	201.1	135.1	81.0	45.0	30.0	15.0	12.0
10°	693.4	558.3	420.2	303.2	216.1	144.1	87.0	51.0	33.0	15.0	12.0
7.5°	732.4	585.3	441.2	321.2	234.1	156.1	93.1	54.0	36.0	18.0	12.0
5°	756.4	609.3	459.3	336.2	249.1	168.1	99.1	57.0	39.0	18.0	12.0
2.5°	777.4	627.3	471.3	351.2	264.1	177.1	99.1	60.0	42.0	18.0	12.0
0°	789.4	639.4	480.3	360.2	276.2	183.1	102.1	63.0	45.0	18.0	12.0
-2.5°	816.4	660.4	501.3	372.2	288.2	201.1	108.1	66.0	48.0	21.0	12.0
-5°	834.5	672.4	516.3	384.2	297.2	219.1	117.1	72.0	54.0	27.0	15.0
-7.5°	849.5	684.4	528.3	390.2	306.2	225.1	120.1	75.0	57.0	30.0	15.0
-10°	852.5	690.4	537.3	399.2	312.2	234.1	123.1	78.0	60.0	33.0	15.0
-12.5°	855.5	696.4	540.3	405.2	318.2	240.1	126.1	81.0	63.0	36.0	15.0
-15°	852.5	693.4	540.3	411.2	321.2	234.1	132.1	84.0	66.0	39.0	15.0
-17.5°	846.5	690.4	537.3	408.2	318.2	228.1	135.1	90.0	66.0	42.0	18.0
-20°	837.5	681.4	531.3	405.2	315.2	222.1	138.1	93.1	69.0	42.0	18.0

REPORT NUMBER: P723671

CATALOG NUMBER: IFLD-S-SA3E-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	822.5	666.4	519.3	396.2	309.2	216.1	138.1	99.1	72.0	42.0	18.0
-25°	804.4	651.4	507.3	384.2	300.2	207.1	138.1	102.1	75.0	42.0	18.0
-27.5°	783.4	636.4	489.3	375.2	288.2	201.1	138.1	105.1	78.0	42.0	18.0
-30°	759.4	615.3	474.3	360.2	279.2	201.1	141.1	108.1	81.0	42.0	18.0
-32.5°	735.4	594.3	456.3	348.2	267.1	198.1	141.1	111.1	84.0	39.0	21.0
-35°	708.4	570.3	441.2	339.2	258.1	192.1	144.1	111.1	81.0	39.0	21.0
-37.5°	675.4	540.3	426.2	330.2	252.1	186.1	144.1	114.1	78.0	39.0	21.0
-40°	639.4	516.3	408.2	318.2	243.1	183.1	144.1	114.1	75.0	39.0	24.0
-42.5°	600.3	489.3	390.2	306.2	234.1	180.1	144.1	114.1	72.0	39.0	24.0
-45°	564.3	462.3	369.2	291.2	225.1	180.1	144.1	111.1	66.0	42.0	24.0
-47.5°	525.3	432.2	345.2	276.2	222.1	177.1	141.1	105.1	60.0	42.0	24.0
-50°	492.3	402.2	327.2	261.1	216.1	180.1	144.1	96.1	60.0	42.0	24.0
-52.5°	459.3	381.2	306.2	255.1	210.1	183.1	141.1	90.0	60.0	42.0	24.0
-55°	432.2	360.2	294.2	246.1	216.1	189.1	135.1	81.0	60.0	42.0	24.0
-57.5°	411.2	348.2	285.2	249.1	225.1	183.1	126.1	78.0	60.0	39.0	24.0
-60°	396.2	336.2	288.2	261.1	228.1	174.1	120.1	78.0	60.0	39.0	21.0
-62.5°	384.2	339.2	303.2	270.1	216.1	162.1	114.1	78.0	54.0	36.0	21.0
-65°	387.2	351.2	309.2	258.1	207.1	150.1	105.1	75.0	51.0	33.0	21.0
-67.5°	396.2	342.2	291.2	243.1	186.1	135.1	96.1	69.0	48.0	33.0	21.0
-70°	366.2	315.2	264.1	207.1	159.1	117.1	90.0	63.0	42.0	30.0	21.0
-72.5°	330.2	264.1	210.1	168.1	135.1	108.1	81.0	57.0	39.0	27.0	18.0
-75°	240.1	192.1	156.1	141.1	120.1	96.1	72.0	51.0	36.0	27.0	18.0
-77.5°	171.1	159.1	144.1	129.1	108.1	84.0	63.0	48.0	33.0	24.0	15.0
-80°	168.1	153.1	135.1	111.1	90.0	72.0	54.0	42.0	30.0	21.0	12.0
-82.5°	141.1	120.1	102.1	84.0	69.0	57.0	45.0	33.0	24.0	15.0	9.0
-85°	87.0	75.0	66.0	57.0	48.0	39.0	30.0	21.0	15.0	9.0	6.0
-87.5°	42.0	39.0	33.0	27.0	24.0	18.0	15.0	12.0	9.0	6.0	3.0
-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: P723671

CATALOG NUMBER: IFLD-S-SA3E-730-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°	3.0	0.0	0.0	0.0
80°	3.0	0.0	0.0	0.0
77.5°	3.0	0.0	0.0	0.0
75°	3.0	3.0	0.0	0.0
72.5°	3.0	3.0	0.0	0.0
70°	6.0	3.0	3.0	0.0
67.5°	6.0	3.0	3.0	0.0
65°	6.0	3.0	3.0	0.0
62.5°	6.0	3.0	3.0	0.0
60°	6.0	3.0	3.0	0.0
57.5°	6.0	3.0	3.0	0.0
55°	6.0	3.0	3.0	0.0
52.5°	6.0	3.0	3.0	0.0
50°	6.0	3.0	3.0	0.0
47.5°	6.0	6.0	3.0	0.0
45°	6.0	6.0	3.0	0.0
42.5°	6.0	6.0	3.0	0.0
40°	6.0	6.0	3.0	0.0
37.5°	6.0	6.0	3.0	0.0
35°	6.0	6.0	3.0	0.0
32.5°	9.0	6.0	3.0	0.0
30°	9.0	6.0	6.0	0.0
27.5°	9.0	6.0	6.0	0.0
25°	9.0	6.0	6.0	0.0
22.5°	9.0	6.0	6.0	0.0
20°	9.0	6.0	6.0	0.0
17.5°	9.0	6.0	6.0	0.0
15°	9.0	6.0	6.0	0.0
12.5°	9.0	6.0	6.0	0.0
10°	9.0	6.0	6.0	0.0
7.5°	9.0	6.0	6.0	0.0
5°	9.0	6.0	6.0	0.0
2.5°	9.0	6.0	6.0	0.0
0°	9.0	6.0	6.0	0.0
-2.5°	9.0	6.0	6.0	0.0
-5°	9.0	6.0	6.0	0.0
-7.5°	9.0	6.0	6.0	0.0
-10°	9.0	6.0	6.0	0.0
-12.5°	12.0	6.0	6.0	0.0
-15°	12.0	6.0	6.0	0.0
-17.5°	12.0	6.0	6.0	0.0
-20°	12.0	6.0	6.0	0.0

REPORT NUMBER: P723671

CATALOG NUMBER: IFLD-S-SA3E-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	12.0	6.0	6.0	0.0
-25°	12.0	6.0	6.0	0.0
-27.5°	12.0	6.0	6.0	0.0
-30°	12.0	6.0	6.0	0.0
-32.5°	12.0	6.0	6.0	0.0
-35°	12.0	6.0	6.0	0.0
-37.5°	12.0	6.0	6.0	0.0
-40°	12.0	6.0	6.0	0.0
-42.5°	9.0	6.0	3.0	0.0
-45°	12.0	6.0	3.0	0.0
-47.5°	12.0	6.0	3.0	0.0
-50°	12.0	6.0	3.0	0.0
-52.5°	12.0	6.0	3.0	0.0
-55°	12.0	6.0	3.0	0.0
-57.5°	12.0	6.0	3.0	0.0
-60°	12.0	6.0	3.0	0.0
-62.5°	12.0	6.0	3.0	0.0
-65°	12.0	6.0	3.0	0.0
-67.5°	12.0	6.0	3.0	0.0
-70°	12.0	3.0	3.0	0.0
-72.5°	9.0	3.0	3.0	0.0
-75°	9.0	3.0	3.0	0.0
-77.5°	6.0	3.0	0.0	0.0
-80°	6.0	3.0	0.0	0.0
-82.5°	6.0	3.0	0.0	0.0
-85°	3.0	0.0	0.0	0.0
-87.5°	3.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)