

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: P723794

Luminaire Tested: **IFLD-M-SA4B-760-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723794
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-760-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	12367.8 lumens	Max Intensity:	290971.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	74.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	4485.1 lumens	Field Lumens:	7150.1 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

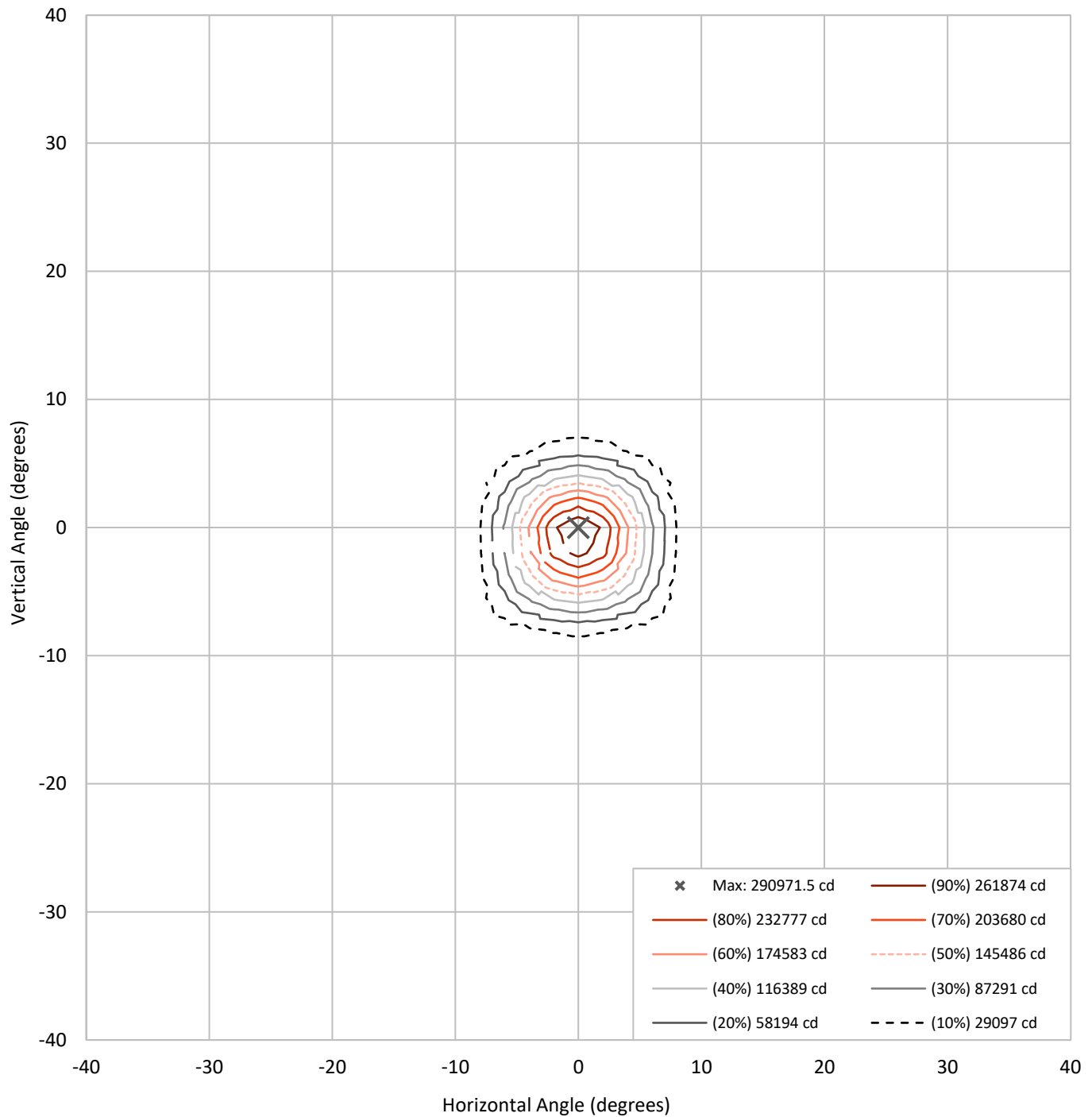
Input Watts (W): 166.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723794

CATALOG NUMBER: IFLD-M-SA4B-760-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723794

CATALOG NUMBER: IFLD-M-SA4B-760-U-11-VI

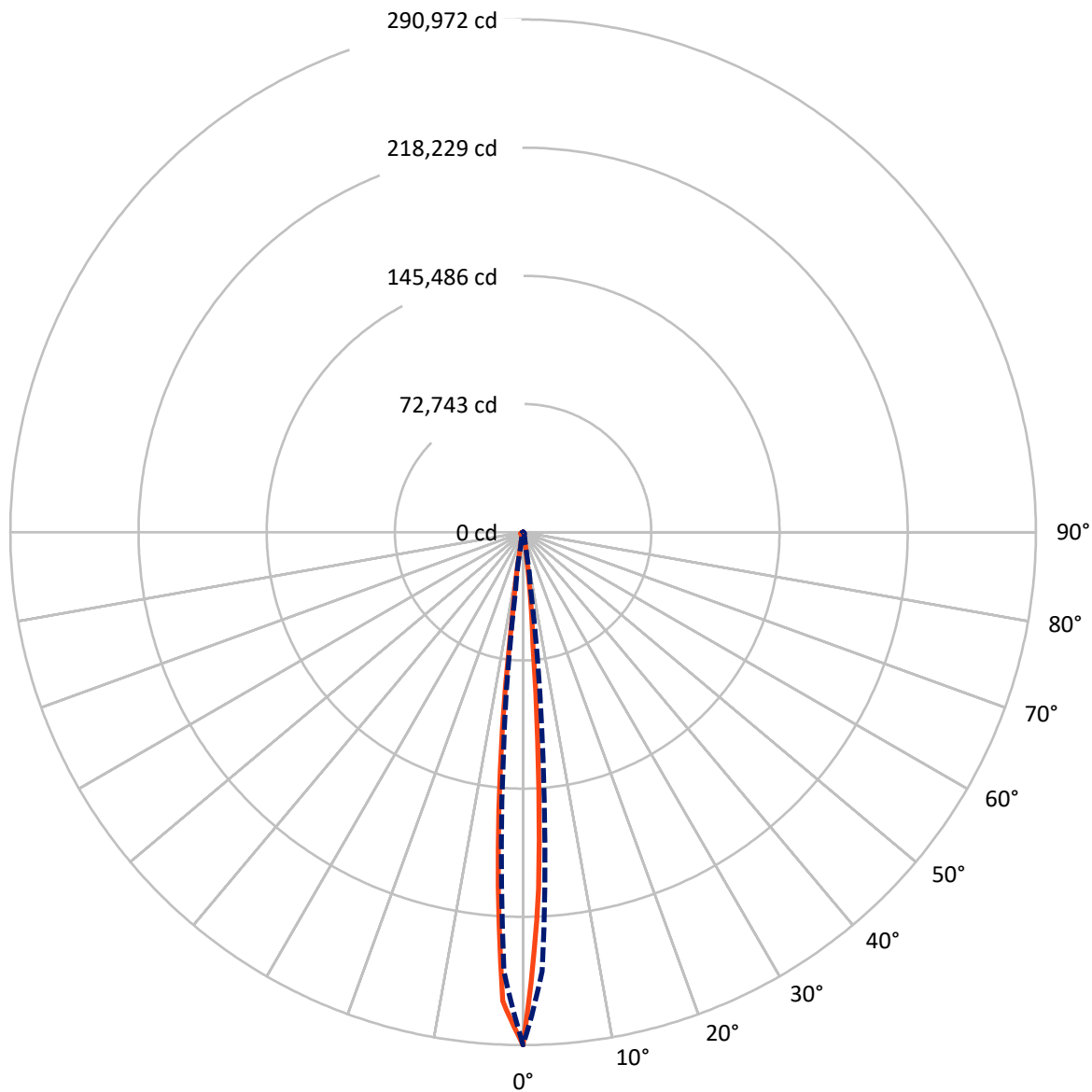
Lumen Table

90																			
80	0.2	2.8		3.0		1.1		0.3		1.1		3.0		2.8		0.2			
70	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			
60		0.4	0.6	1.4	3.2	5.2	6.7	7.7	7.7	6.7	5.2	3.2	1.4	0.6	0.4				
50	0.3	0.4	1.7	5.6	11.1	16.2	19.5	21.6	21.6	19.5	16.2	11.1	5.6	1.7	0.4	0.3			
40		0.8	4.3	11.6	18.8	22.1	23.9	24.7	24.7	23.9	22.1	18.8	11.6	4.3	0.8				
30	0.5	1.6	7.3	16.8	21.8	22.4	26.5	31.9	31.9	26.5	22.4	21.8	16.8	7.3	1.6	0.5			
20		2.5	10.3	20.7	23.2	26.2	46.1	78.5	78.5	46.1	26.2	23.2	20.7	10.3	2.5				
10	0.8	3.3	12.6	22.7	24.1	32.4	87.6	1623.6	1623.6	87.6	32.4	24.1	22.7	12.6	3.3	0.8			
0		3.8	13.8	23.9	25.0	33.5	94.4	2367.3	2367.3	94.4	33.5	25.0	23.9	13.8	3.8				
-10	1.2	4.1	14.2	25.1	27.0	30.2	54.9	105.3	105.3	54.9	30.2	27.0	25.1	14.2	4.1	1.2			
-20		3.8	13.5	25.5	30.3	30.4	35.5	43.4	43.4	35.5	30.4	30.3	25.5	13.5	3.8				
-30	1.3	3.4	11.9	24.3	33.4	36.4	37.9	38.2	38.2	37.9	36.4	33.4	24.3	11.9	3.4	1.3			
-40		3.0	9.6	20.7	32.2	39.1	43.9	46.0	46.0	43.9	39.1	32.2	20.7	9.6	3.0				
-50	1.0	2.7	7.4	16.0	27.5	36.9	42.8	45.3	45.3	42.8	36.9	27.5	16.0	7.4	2.7	1.0			
-60		2.5	6.5	13.1	22.9	32.2	39.0	42.2	42.2	39.0	32.2	22.9	13.1	6.5	2.5				
-70																			
-80		7.7		22.8		42.2		46.6		42.2		22.8		7.7			0.5		
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

REPORT NUMBER: P723794

CATALOG NUMBER: IFLD-M-SA4B-760-U-11-VI

Luminous Intensity Polar Plot



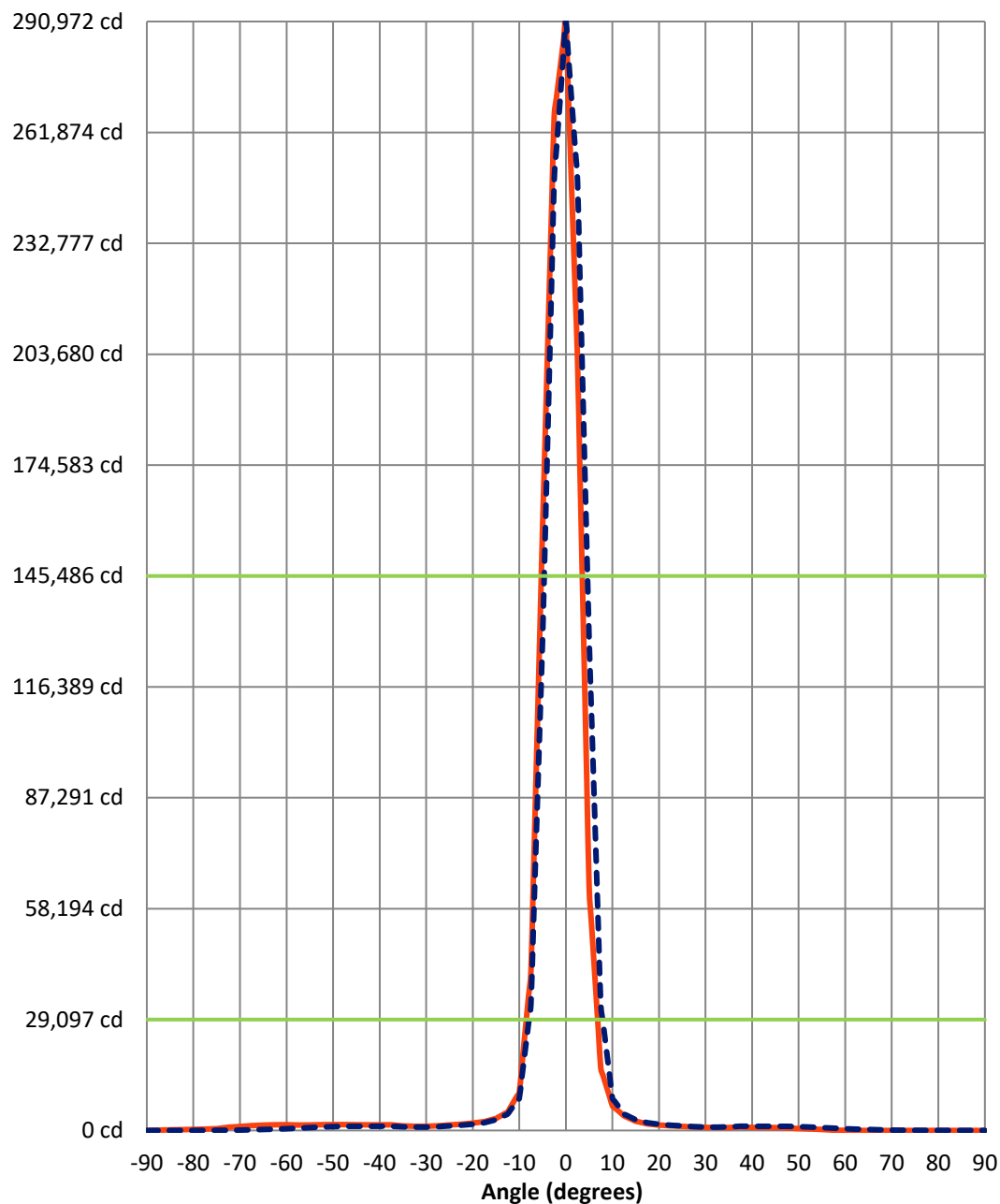
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723794

CATALOG NUMBER: IFLD-M-SA4B-760-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 4485.1

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 7150.1

Efficiency: 57.8%

Spill:

Lumens: 5217.7

Efficiency: 42.2%

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

REPORT NUMBER: P723794

CATALOG NUMBER: IFLD-M-SA4B-760-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	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
85°	0.0	2.9	2.9	5.7	5.7	5.7	8.6	11.4	14.3	14.3	17.1
82.5°	0.0	2.9	2.9	5.7	5.7	8.6	8.6	14.3	17.1	20.0	25.7
80°	2.9	2.9	2.9	5.7	5.7	8.6	8.6	11.4	14.3	20.0	22.8
77.5°	0.0	2.9	2.9	2.9	5.7	5.7	5.7	8.6	11.4	14.3	17.1
75°	0.0	2.9	2.9	2.9	5.7	5.7	5.7	5.7	8.6	8.6	11.4
72.5°	0.0	0.0	0.0	2.9	2.9	5.7	5.7	5.7	8.6	8.6	8.6
70°	0.0	0.0	0.0	2.9	2.9	5.7	5.7	5.7	8.6	8.6	8.6
67.5°	0.0	0.0	0.0	2.9	2.9	5.7	5.7	5.7	8.6	8.6	8.6
65°	0.0	0.0	0.0	2.9	2.9	5.7	5.7	8.6	8.6	8.6	8.6
62.5°	2.9	2.9	2.9	5.7	8.6	8.6	11.4	14.3	14.3	14.3	14.3
60°	28.6	31.4	34.3	34.3	31.4	31.4	34.3	34.3	34.3	34.3	34.3
57.5°	77.1	82.8	85.7	85.7	85.7	82.8	94.2	97.1	85.7	79.9	88.5
55°	268.4	276.9	271.2	262.7	245.5	225.6	219.8	217.0	219.8	205.6	182.7
52.5°	391.1	399.7	396.9	391.1	379.7	365.4	354.0	342.6	331.2	308.3	282.7
50°	508.2	511.1	508.2	502.5	491.1	476.8	454.0	428.3	405.4	399.7	376.9
47.5°	639.5	648.1	648.1	645.2	636.7	611.0	576.7	539.6	522.5	516.8	493.9
45°	756.6	762.3	765.2	768.0	765.2	739.5	708.1	688.1	651.0	639.5	639.5
42.5°	788.0	790.9	793.7	796.6	805.1	785.1	759.4	725.2	716.6	713.8	708.1
40°	799.4	793.7	796.6	799.4	802.3	788.0	768.0	748.0	742.3	736.6	736.6
37.5°	907.9	882.2	862.2	845.1	830.8	816.5	796.6	779.4	765.2	753.7	765.2
35°	773.7	773.7	793.7	810.8	828.0	845.1	848.0	828.0	796.6	782.3	802.3
32.5°	790.9	790.9	790.9	796.6	802.3	816.5	830.8	839.4	862.2	836.5	836.5
30°	808.0	810.8	816.5	819.4	810.8	805.1	799.4	799.4	813.7	850.8	870.8
27.5°	907.9	907.9	899.3	887.9	862.2	822.3	802.3	773.7	776.6	793.7	842.2
25°	1070.7	1064.9	1045.0	1016.4	970.7	913.6	859.4	799.4	773.7	765.2	785.1
22.5°	1224.8	1216.3	1190.6	1164.9	1127.8	1070.7	979.3	887.9	808.0	773.7	765.2
20°	1421.8	1401.8	1373.3	1333.3	1273.4	1216.3	1136.3	1016.4	899.3	810.8	776.6
17.5°	1738.7	1713.0	1658.8	1587.4	1484.6	1396.1	1281.9	1167.7	1036.4	893.6	816.5
15°	2432.5	2366.9	2272.6	2075.6	1872.9	1704.5	1533.2	1341.9	1207.7	1019.3	902.2
12.5°	3825.8	3645.9	3371.8	2912.2	2458.2	2067.1	1790.1	1544.6	1327.6	1153.4	987.9
10°	6475.3	6089.9	5333.3	4077.0	3240.5	2521.0	2024.2	1695.9	1421.8	1242.0	1059.2
7.5°	16376.7	13358.9	9453.1	6455.3	4239.8	3080.6	2315.5	1838.7	1521.8	1299.1	1116.3
5°	63827.9	52578.9	28048.2	11705.8	6378.2	3725.9	2578.1	1952.9	1587.4	1341.9	1159.2
2.5°	202570.0	174932.9	91779.0	25198.8	7831.5	4197.0	2758.0	2024.2	1624.5	1373.3	1190.6
0°	290971.5	249373.1	128806.4	33141.6	8493.8	4316.9	2815.1	2038.5	1630.2	1379.0	1190.6
-2.5°	266189.5	232967.9	124426.7	30840.4	8679.4	4351.1	2860.8	2087.1	1673.1	1404.7	1199.1
-5°	158167.9	138736.3	86796.9	21989.7	7711.5	4039.9	2740.9	2044.2	1644.5	1390.4	1193.4
-7.5°	41672.6	36076.6	23731.3	11474.5	4990.7	3417.5	2518.2	1972.9	1607.4	1364.7	1170.6
-10°	10047.0	9521.7	8505.2	5213.4	3885.7	2855.1	2232.7	1844.4	1533.2	1330.5	1133.5
-12.5°	4845.1	4730.8	4294.0	3540.3	2883.6	2372.6	2021.4	1710.2	1464.7	1270.5	1082.1
-15°	3152.0	3086.3	2937.9	2649.5	2315.5	2069.9	1824.4	1573.1	1379.0	1182.0	1039.2
-17.5°	2332.6	2329.7	2255.5	2147.0	1981.4	1798.7	1618.8	1458.9	1270.5	1102.1	993.6
-20°	1932.9	1932.9	1890.1	1818.7	1701.6	1581.7	1461.8	1313.3	1159.2	1033.5	987.9

REPORT NUMBER: P723794

CATALOG NUMBER: IFLD-M-SA4B-760-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1641.7	1644.5	1621.7	1576.0	1513.2	1413.3	1296.2	1176.3	1064.9	1019.3	1005.0
-25°	1453.2	1447.5	1421.8	1379.0	1313.3	1233.4	1156.3	1076.4	1045.0	1033.5	1053.5
-27.5°	1230.5	1239.1	1227.7	1207.7	1164.9	1107.8	1090.6	1067.8	1073.5	1090.6	1167.7
-30°	1099.2	1107.8	1119.2	1127.8	1113.5	1099.2	1104.9	1122.0	1159.2	1224.8	1253.4
-32.5°	1099.2	1102.1	1119.2	1136.3	1144.9	1156.3	1187.7	1244.8	1299.1	1281.9	1276.2
-35°	1199.1	1190.6	1213.4	1236.2	1267.7	1307.6	1341.9	1330.5	1310.5	1304.8	1310.5
-37.5°	1484.6	1430.4	1407.5	1393.3	1384.7	1379.0	1370.4	1361.9	1353.3	1347.6	1356.2
-40°	1481.8	1467.5	1453.2	1441.8	1433.2	1421.8	1416.1	1413.3	1404.7	1399.0	1393.3
-42.5°	1476.1	1481.8	1481.8	1478.9	1481.8	1478.9	1470.4	1458.9	1444.7	1433.2	1421.8
-45°	1518.9	1521.8	1527.5	1533.2	1541.7	1530.3	1513.2	1493.2	1473.2	1456.1	1441.8
-47.5°	1544.6	1547.4	1553.2	1561.7	1567.4	1556.0	1533.2	1507.5	1476.1	1447.5	1419.0
-50°	1553.2	1561.7	1564.6	1564.6	1561.7	1547.4	1513.2	1476.1	1441.8	1413.3	1387.6
-52.5°	1513.2	1521.8	1524.6	1518.9	1516.0	1501.8	1470.4	1436.1	1399.0	1379.0	1356.2
-55°	1447.5	1458.9	1467.5	1467.5	1467.5	1464.7	1436.1	1404.7	1376.1	1353.3	1330.5
-57.5°	1421.8	1441.8	1458.9	1461.8	1464.7	1467.5	1447.5	1416.1	1381.9	1347.6	1319.0
-60°	1516.0	1533.2	1541.7	1530.3	1521.8	1513.2	1481.8	1444.7	1410.4	1376.1	1321.9
-62.5°	1490.3	1518.9	1533.2	1524.6	1513.2	1498.9	1464.7	1421.8	1381.9	1344.7	1290.5
-65°	1407.5	1433.2	1450.4	1436.1	1419.0	1399.0	1367.6	1327.6	1290.5	1253.4	1204.8
-67.5°	1267.7	1304.8	1333.3	1301.9	1279.1	1253.4	1227.7	1193.4	1156.3	1113.5	1067.8
-70°	1047.8	1076.4	1102.1	1093.5	1087.8	1082.1	1064.9	1030.7	999.3	965.0	925.0
-72.5°	842.2	867.9	890.8	876.5	865.1	848.0	822.3	785.1	748.0	710.9	673.8
-75°	465.4	473.9	482.5	479.7	479.7	479.7	479.7	482.5	476.8	468.2	451.1
-77.5°	356.9	368.3	376.9	382.6	391.1	402.6	411.1	396.9	382.6	368.3	351.2
-80°	279.8	291.2	299.8	331.2	354.0	379.7	396.9	376.9	356.9	339.8	325.5
-82.5°	211.3	219.8	228.4	245.5	257.0	271.2	282.7	282.7	279.8	276.9	268.4
-85°	154.2	165.6	177.0	182.7	191.3	191.3	194.1	182.7	171.3	162.7	151.3
-87.5°	88.5	91.4	91.4	91.4	94.2	94.2	94.2	88.5	85.7	79.9	77.1
-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: P723794

CATALOG NUMBER: IFLD-M-SA4B-760-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°	2.9	2.9	2.9	5.7	5.7	8.6	8.6	11.4	11.4	14.3	14.3
85°	17.1	17.1	17.1	20.0	20.0	22.8	25.7	28.6	31.4	31.4	34.3
82.5°	28.6	31.4	34.3	37.1	40.0	42.8	45.7	48.5	57.1	62.8	65.7
80°	28.6	31.4	40.0	45.7	51.4	57.1	57.1	57.1	57.1	60.0	65.7
77.5°	20.0	22.8	25.7	31.4	45.7	57.1	65.7	71.4	65.7	62.8	57.1
75°	11.4	14.3	17.1	20.0	28.6	40.0	54.2	68.5	79.9	77.1	71.4
72.5°	11.4	11.4	14.3	17.1	20.0	22.8	25.7	40.0	57.1	71.4	79.9
70°	11.4	14.3	14.3	17.1	20.0	22.8	25.7	31.4	40.0	57.1	74.2
67.5°	11.4	14.3	14.3	20.0	25.7	28.6	31.4	28.6	25.7	37.1	54.2
65°	11.4	11.4	14.3	17.1	20.0	22.8	31.4	31.4	28.6	28.6	28.6
62.5°	17.1	17.1	17.1	17.1	20.0	20.0	20.0	25.7	25.7	25.7	25.7
60°	34.3	31.4	31.4	31.4	31.4	25.7	25.7	25.7	22.8	25.7	22.8
57.5°	82.8	68.5	62.8	62.8	54.2	51.4	42.8	31.4	31.4	25.7	25.7
55°	168.4	159.9	134.2	111.3	99.9	88.5	68.5	57.1	42.8	34.3	31.4
52.5°	259.8	237.0	214.1	185.6	157.0	134.2	114.2	88.5	71.4	51.4	40.0
50°	339.8	319.8	294.1	262.7	225.6	197.0	168.4	134.2	105.6	79.9	57.1
47.5°	462.5	422.6	391.1	354.0	311.2	271.2	234.1	194.1	148.5	117.1	88.5
45°	593.9	536.8	493.9	459.7	402.6	348.3	305.5	262.7	208.4	154.2	119.9
42.5°	685.2	642.4	585.3	539.6	488.2	431.1	374.0	328.3	271.2	208.4	154.2
40°	733.8	705.2	659.5	619.5	565.3	502.5	442.5	396.9	336.9	268.4	194.1
37.5°	770.9	756.6	733.8	702.3	651.0	576.7	516.8	462.5	411.1	331.2	251.2
35°	813.7	810.8	796.6	782.3	739.5	668.1	596.7	533.9	471.1	396.9	308.3
32.5°	853.7	850.8	842.2	836.5	819.4	756.6	679.5	608.1	536.8	459.7	362.6
30°	873.7	867.9	867.9	873.7	856.5	816.5	759.4	682.4	602.4	511.1	419.7
27.5°	873.7	867.9	870.8	879.4	876.5	856.5	813.7	750.9	662.4	559.6	471.1
25°	836.5	865.1	865.1	876.5	879.4	873.7	850.8	810.8	719.5	611.0	511.1
22.5°	785.1	853.7	879.4	876.5	879.4	893.6	896.5	859.4	773.7	662.4	551.0
20°	785.1	833.7	907.9	887.9	893.6	925.0	939.3	907.9	830.8	710.9	591.0
17.5°	802.3	833.7	896.5	927.9	936.5	962.2	985.0	965.0	882.2	762.3	645.2
15°	850.8	845.1	887.9	965.0	979.3	999.3	1025.0	1002.1	927.9	819.4	696.6
12.5°	885.1	853.7	887.9	970.7	1016.4	1036.4	1045.0	1027.8	967.9	870.8	748.0
10°	930.8	876.5	893.6	965.0	1030.7	1045.0	1053.5	1047.8	1005.0	913.6	793.7
7.5°	965.0	887.9	887.9	956.4	1045.0	1056.4	1062.1	1067.8	1036.4	950.7	833.7
5°	979.3	887.9	882.2	947.9	1059.2	1070.7	1070.7	1079.2	1059.2	979.3	862.2
2.5°	982.1	885.1	876.5	942.2	1084.9	1084.9	1079.2	1087.8	1076.4	996.4	882.2
0°	996.4	882.2	873.7	950.7	1113.5	1102.1	1087.8	1090.6	1084.9	1005.0	893.6
-2.5°	996.4	896.5	885.1	956.4	1110.6	1107.8	1102.1	1104.9	1099.2	1030.7	916.5
-5°	1010.7	916.5	905.1	982.1	1107.8	1116.3	1119.2	1119.2	1110.6	1047.8	930.8
-7.5°	1013.5	930.8	927.9	1007.8	1113.5	1127.8	1136.3	1142.0	1124.9	1059.2	942.2
-10°	999.3	936.5	950.7	1039.2	1119.2	1139.2	1156.3	1164.9	1136.3	1064.9	947.9
-12.5°	967.9	936.5	973.6	1079.2	1133.5	1156.3	1182.0	1184.9	1147.7	1067.8	950.7
-15°	965.0	959.3	1013.5	1119.2	1142.0	1170.6	1210.5	1202.0	1156.3	1067.8	950.7
-17.5°	962.2	990.7	1073.5	1133.5	1156.3	1187.7	1219.1	1210.5	1162.0	1067.8	945.0
-20°	987.9	1042.1	1144.9	1147.7	1173.4	1207.7	1224.8	1207.7	1153.4	1059.2	936.5



REPORT NUMBER: P723794

CATALOG NUMBER: IFLD-M-SA4B-760-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°	1030.7	1133.5	1167.7	1179.1	1202.0	1227.7	1236.2	1210.5	1144.9	1045.0	922.2
-25°	1139.2	1190.6	1190.6	1216.3	1239.1	1250.5	1242.0	1213.4	1133.5	1030.7	907.9
-27.5°	1222.0	1219.1	1233.4	1259.1	1279.1	1279.1	1256.2	1199.1	1116.3	1016.4	887.9
-30°	1253.4	1256.2	1276.2	1304.8	1310.5	1296.2	1261.9	1187.7	1102.1	993.6	862.2
-32.5°	1284.8	1296.2	1321.9	1336.2	1339.0	1310.5	1247.7	1167.7	1079.2	967.9	833.7
-35°	1321.9	1344.7	1359.0	1361.9	1347.6	1299.1	1227.7	1142.0	1045.0	930.8	808.0
-37.5°	1370.4	1381.9	1390.4	1379.0	1339.0	1281.9	1193.4	1107.8	1013.5	890.8	770.9
-40°	1401.8	1407.5	1410.4	1373.3	1324.8	1242.0	1156.3	1067.8	959.3	845.1	730.9
-42.5°	1421.8	1416.1	1393.3	1353.3	1281.9	1202.0	1119.2	1019.3	910.8	799.4	688.1
-45°	1416.1	1396.1	1361.9	1313.3	1239.1	1159.2	1062.1	962.2	859.4	750.9	639.5
-47.5°	1393.3	1361.9	1319.0	1261.9	1193.4	1096.3	999.3	902.2	802.3	696.6	593.9
-50°	1364.7	1327.6	1276.2	1204.8	1113.5	1025.0	936.5	842.2	739.5	642.4	551.0
-52.5°	1333.3	1293.3	1227.7	1147.7	1047.8	956.4	870.8	779.4	685.2	593.9	513.9
-55°	1299.1	1259.1	1184.9	1093.5	993.6	893.6	810.8	733.8	642.4	553.9	482.5
-57.5°	1281.9	1230.5	1153.4	1062.1	956.4	853.7	782.3	699.5	616.7	525.3	456.8
-60°	1267.7	1216.3	1144.9	1039.2	939.3	842.2	759.4	679.5	591.0	505.3	436.8
-62.5°	1227.7	1173.4	1107.8	1005.0	907.9	819.4	745.2	651.0	565.3	485.4	422.6
-65°	1147.7	1090.6	1033.5	942.2	853.7	770.9	696.6	611.0	531.0	462.5	408.3
-67.5°	1022.1	973.6	922.2	845.1	770.9	696.6	628.1	553.9	488.2	439.7	411.1
-70°	882.2	830.8	779.4	716.6	653.8	593.9	539.6	485.4	442.5	416.8	394.0
-72.5°	642.4	619.5	593.9	545.3	493.9	456.8	431.1	408.3	376.9	354.0	339.8
-75°	428.3	396.9	356.9	339.8	342.6	336.9	322.6	305.5	291.2	282.7	262.7
-77.5°	334.0	316.9	296.9	276.9	268.4	259.8	248.4	234.1	222.7	202.7	174.2
-80°	308.3	294.1	279.8	265.5	251.2	231.3	208.4	185.6	174.2	165.6	162.7
-82.5°	254.1	237.0	219.8	205.6	185.6	171.3	157.0	145.6	145.6	142.8	139.9
-85°	145.6	139.9	131.3	125.6	119.9	111.3	102.8	97.1	94.2	91.4	88.5
-87.5°	74.2	71.4	65.7	62.8	60.0	57.1	51.4	48.5	45.7	45.7	42.8
-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: P723794

CATALOG NUMBER: IFLD-M-SA4B-760-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°	14.3	14.3	11.4	11.4	11.4	8.6	5.7	5.7	2.9	2.9	0.0
85°	34.3	28.6	25.7	22.8	22.8	17.1	11.4	8.6	5.7	2.9	2.9
82.5°	65.7	57.1	48.5	42.8	34.3	25.7	20.0	14.3	8.6	5.7	2.9
80°	74.2	74.2	71.4	60.0	48.5	37.1	25.7	17.1	11.4	8.6	5.7
77.5°	57.1	62.8	62.8	62.8	60.0	45.7	31.4	20.0	11.4	8.6	5.7
75°	65.7	57.1	54.2	57.1	54.2	45.7	37.1	22.8	14.3	11.4	5.7
72.5°	79.9	68.5	60.0	57.1	51.4	42.8	34.3	25.7	14.3	11.4	8.6
70°	74.2	71.4	65.7	60.0	51.4	42.8	34.3	25.7	17.1	11.4	8.6
67.5°	65.7	65.7	65.7	60.0	51.4	40.0	31.4	22.8	17.1	11.4	8.6
65°	45.7	54.2	60.0	57.1	51.4	40.0	31.4	22.8	17.1	14.3	8.6
62.5°	28.6	37.1	48.5	54.2	48.5	40.0	28.6	22.8	17.1	14.3	8.6
60°	25.7	28.6	34.3	42.8	45.7	37.1	28.6	20.0	17.1	14.3	8.6
57.5°	25.7	25.7	28.6	34.3	37.1	34.3	25.7	17.1	17.1	14.3	11.4
55°	28.6	25.7	25.7	28.6	31.4	31.4	25.7	17.1	17.1	14.3	11.4
52.5°	34.3	28.6	25.7	25.7	25.7	28.6	22.8	17.1	17.1	14.3	11.4
50°	42.8	34.3	31.4	25.7	25.7	25.7	22.8	17.1	14.3	14.3	11.4
47.5°	57.1	45.7	34.3	31.4	25.7	22.8	20.0	17.1	14.3	14.3	11.4
45°	85.7	54.2	45.7	34.3	28.6	25.7	22.8	17.1	14.3	14.3	11.4
42.5°	117.1	79.9	57.1	40.0	31.4	25.7	22.8	20.0	14.3	14.3	11.4
40°	148.5	108.5	71.4	51.4	37.1	28.6	22.8	20.0	17.1	14.3	11.4
37.5°	182.7	134.2	94.2	65.7	42.8	31.4	25.7	20.0	17.1	14.3	11.4
35°	225.6	168.4	117.1	79.9	51.4	37.1	28.6	20.0	17.1	14.3	11.4
32.5°	274.1	199.9	139.9	97.1	65.7	45.7	31.4	22.8	17.1	14.3	11.4
30°	319.8	237.0	165.6	117.1	79.9	51.4	34.3	22.8	17.1	14.3	8.6
27.5°	365.4	274.1	197.0	137.0	97.1	60.0	37.1	25.7	17.1	14.3	11.4
25°	411.1	311.2	228.4	157.0	111.3	71.4	45.7	28.6	17.1	14.3	11.4
22.5°	451.1	348.3	257.0	179.9	128.5	82.8	51.4	31.4	20.0	14.3	11.4
20°	496.8	388.3	288.4	205.6	142.8	94.2	57.1	34.3	20.0	14.3	11.4
17.5°	539.6	428.3	319.8	228.4	159.9	105.6	65.7	37.1	22.8	14.3	11.4
15°	582.4	465.4	348.3	251.2	177.0	117.1	71.4	40.0	25.7	14.3	11.4
12.5°	622.4	499.6	374.0	271.2	191.3	128.5	77.1	42.8	28.6	14.3	11.4
10°	659.5	531.0	399.7	288.4	205.6	137.0	82.8	48.5	31.4	14.3	11.4
7.5°	696.6	556.7	419.7	305.5	222.7	148.5	88.5	51.4	34.3	17.1	11.4
5°	719.5	579.6	436.8	319.8	237.0	159.9	94.2	54.2	37.1	17.1	11.4
2.5°	739.5	596.7	448.2	334.0	251.2	168.4	94.2	57.1	40.0	17.1	11.4
0°	750.9	608.1	456.8	342.6	262.7	174.2	97.1	60.0	42.8	17.1	11.4
-2.5°	776.6	628.1	476.8	354.0	274.1	191.3	102.8	62.8	45.7	20.0	11.4
-5°	793.7	639.5	491.1	365.4	282.7	208.4	111.3	68.5	51.4	25.7	14.3
-7.5°	808.0	651.0	502.5	371.2	291.2	214.1	114.2	71.4	54.2	28.6	14.3
-10°	810.8	656.7	511.1	379.7	296.9	222.7	117.1	74.2	57.1	31.4	14.3
-12.5°	813.7	662.4	513.9	385.4	302.6	228.4	119.9	77.1	60.0	34.3	14.3
-15°	810.8	659.5	513.9	391.1	305.5	222.7	125.6	79.9	62.8	37.1	14.3
-17.5°	805.1	656.7	511.1	388.3	302.6	217.0	128.5	85.7	62.8	40.0	17.1
-20°	796.6	648.1	505.3	385.4	299.8	211.3	131.3	88.5	65.7	40.0	17.1

REPORT NUMBER: P723794

CATALOG NUMBER: IFLD-M-SA4B-760-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	782.3	633.8	493.9	376.9	294.1	205.6	131.3	94.2	68.5	40.0	17.1
-25°	765.2	619.5	482.5	365.4	285.5	197.0	131.3	97.1	71.4	40.0	17.1
-27.5°	745.2	605.3	465.4	356.9	274.1	191.3	131.3	99.9	74.2	40.0	17.1
-30°	722.3	585.3	451.1	342.6	265.5	191.3	134.2	102.8	77.1	40.0	17.1
-32.5°	699.5	565.3	434.0	331.2	254.1	188.4	134.2	105.6	79.9	37.1	20.0
-35°	673.8	542.5	419.7	322.6	245.5	182.7	137.0	105.6	77.1	37.1	20.0
-37.5°	642.4	513.9	405.4	314.1	239.8	177.0	137.0	108.5	74.2	37.1	20.0
-40°	608.1	491.1	388.3	302.6	231.3	174.2	137.0	108.5	71.4	37.1	22.8
-42.5°	571.0	465.4	371.2	291.2	222.7	171.3	137.0	108.5	68.5	37.1	22.8
-45°	536.8	439.7	351.2	276.9	214.1	171.3	137.0	105.6	62.8	40.0	22.8
-47.5°	499.6	411.1	328.3	262.7	211.3	168.4	134.2	99.9	57.1	40.0	22.8
-50°	468.2	382.6	311.2	248.4	205.6	171.3	137.0	91.4	57.1	40.0	22.8
-52.5°	436.8	362.6	291.2	242.7	199.9	174.2	134.2	85.7	57.1	40.0	22.8
-55°	411.1	342.6	279.8	234.1	205.6	179.9	128.5	77.1	57.1	40.0	22.8
-57.5°	391.1	331.2	271.2	237.0	214.1	174.2	119.9	74.2	57.1	37.1	22.8
-60°	376.9	319.8	274.1	248.4	217.0	165.6	114.2	74.2	57.1	37.1	20.0
-62.5°	365.4	322.6	288.4	257.0	205.6	154.2	108.5	74.2	51.4	34.3	20.0
-65°	368.3	334.0	294.1	245.5	197.0	142.8	99.9	71.4	48.5	31.4	20.0
-67.5°	376.9	325.5	276.9	231.3	177.0	128.5	91.4	65.7	45.7	31.4	20.0
-70°	348.3	299.8	251.2	197.0	151.3	111.3	85.7	60.0	40.0	28.6	20.0
-72.5°	314.1	251.2	199.9	159.9	128.5	102.8	77.1	54.2	37.1	25.7	17.1
-75°	228.4	182.7	148.5	134.2	114.2	91.4	68.5	48.5	34.3	25.7	17.1
-77.5°	162.7	151.3	137.0	122.8	102.8	79.9	60.0	45.7	31.4	22.8	14.3
-80°	159.9	145.6	128.5	105.6	85.7	68.5	51.4	40.0	28.6	20.0	11.4
-82.5°	134.2	114.2	97.1	79.9	65.7	54.2	42.8	31.4	22.8	14.3	8.6
-85°	82.8	71.4	62.8	54.2	45.7	37.1	28.6	20.0	14.3	8.6	5.7
-87.5°	40.0	37.1	31.4	25.7	22.8	17.1	14.3	11.4	8.6	5.7	2.9
-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: P723794

CATALOG NUMBER: IFLD-M-SA4B-760-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°	2.9	0.0	0.0	0.0
80°	2.9	0.0	0.0	0.0
77.5°	2.9	0.0	0.0	0.0
75°	2.9	2.9	0.0	0.0
72.5°	2.9	2.9	0.0	0.0
70°	5.7	2.9	2.9	0.0
67.5°	5.7	2.9	2.9	0.0
65°	5.7	2.9	2.9	0.0
62.5°	5.7	2.9	2.9	0.0
60°	5.7	2.9	2.9	0.0
57.5°	5.7	2.9	2.9	0.0
55°	5.7	2.9	2.9	0.0
52.5°	5.7	2.9	2.9	0.0
50°	5.7	2.9	2.9	0.0
47.5°	5.7	5.7	2.9	0.0
45°	5.7	5.7	2.9	0.0
42.5°	5.7	5.7	2.9	0.0
40°	5.7	5.7	2.9	0.0
37.5°	5.7	5.7	2.9	0.0
35°	5.7	5.7	2.9	0.0
32.5°	8.6	5.7	2.9	0.0
30°	8.6	5.7	5.7	0.0
27.5°	8.6	5.7	5.7	0.0
25°	8.6	5.7	5.7	0.0
22.5°	8.6	5.7	5.7	0.0
20°	8.6	5.7	5.7	0.0
17.5°	8.6	5.7	5.7	0.0
15°	8.6	5.7	5.7	0.0
12.5°	8.6	5.7	5.7	0.0
10°	8.6	5.7	5.7	0.0
7.5°	8.6	5.7	5.7	0.0
5°	8.6	5.7	5.7	0.0
2.5°	8.6	5.7	5.7	0.0
0°	8.6	5.7	5.7	0.0
-2.5°	8.6	5.7	5.7	0.0
-5°	8.6	5.7	5.7	0.0
-7.5°	8.6	5.7	5.7	0.0
-10°	8.6	5.7	5.7	0.0
-12.5°	11.4	5.7	5.7	0.0
-15°	11.4	5.7	5.7	0.0
-17.5°	11.4	5.7	5.7	0.0
-20°	11.4	5.7	5.7	0.0



REPORT NUMBER: P723794

CATALOG NUMBER: IFLD-M-SA4B-760-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.4	5.7	5.7	0.0
-25°	11.4	5.7	5.7	0.0
-27.5°	11.4	5.7	5.7	0.0
-30°	11.4	5.7	5.7	0.0
-32.5°	11.4	5.7	5.7	0.0
-35°	11.4	5.7	5.7	0.0
-37.5°	11.4	5.7	5.7	0.0
-40°	11.4	5.7	5.7	0.0
-42.5°	8.6	5.7	2.9	0.0
-45°	11.4	5.7	2.9	0.0
-47.5°	11.4	5.7	2.9	0.0
-50°	11.4	5.7	2.9	0.0
-52.5°	11.4	5.7	2.9	0.0
-55°	11.4	5.7	2.9	0.0
-57.5°	11.4	5.7	2.9	0.0
-60°	11.4	5.7	2.9	0.0
-62.5°	11.4	5.7	2.9	0.0
-65°	11.4	5.7	2.9	0.0
-67.5°	11.4	5.7	2.9	0.0
-70°	11.4	2.9	2.9	0.0
-72.5°	8.6	2.9	2.9	0.0
-75°	8.6	2.9	2.9	0.0
-77.5°	5.7	2.9	0.0	0.0
-80°	5.7	2.9	0.0	0.0
-82.5°	5.7	2.9	0.0	0.0
-85°	2.9	0.0	0.0	0.0
-87.5°	2.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)