

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: P723621

Luminaire Tested: **IFLD-M-SA4C-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723621
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	11086.9 lumens	Max Intensity:	260835 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	50.8 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:	4020.6 lumens	Field Lumens:	6409.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

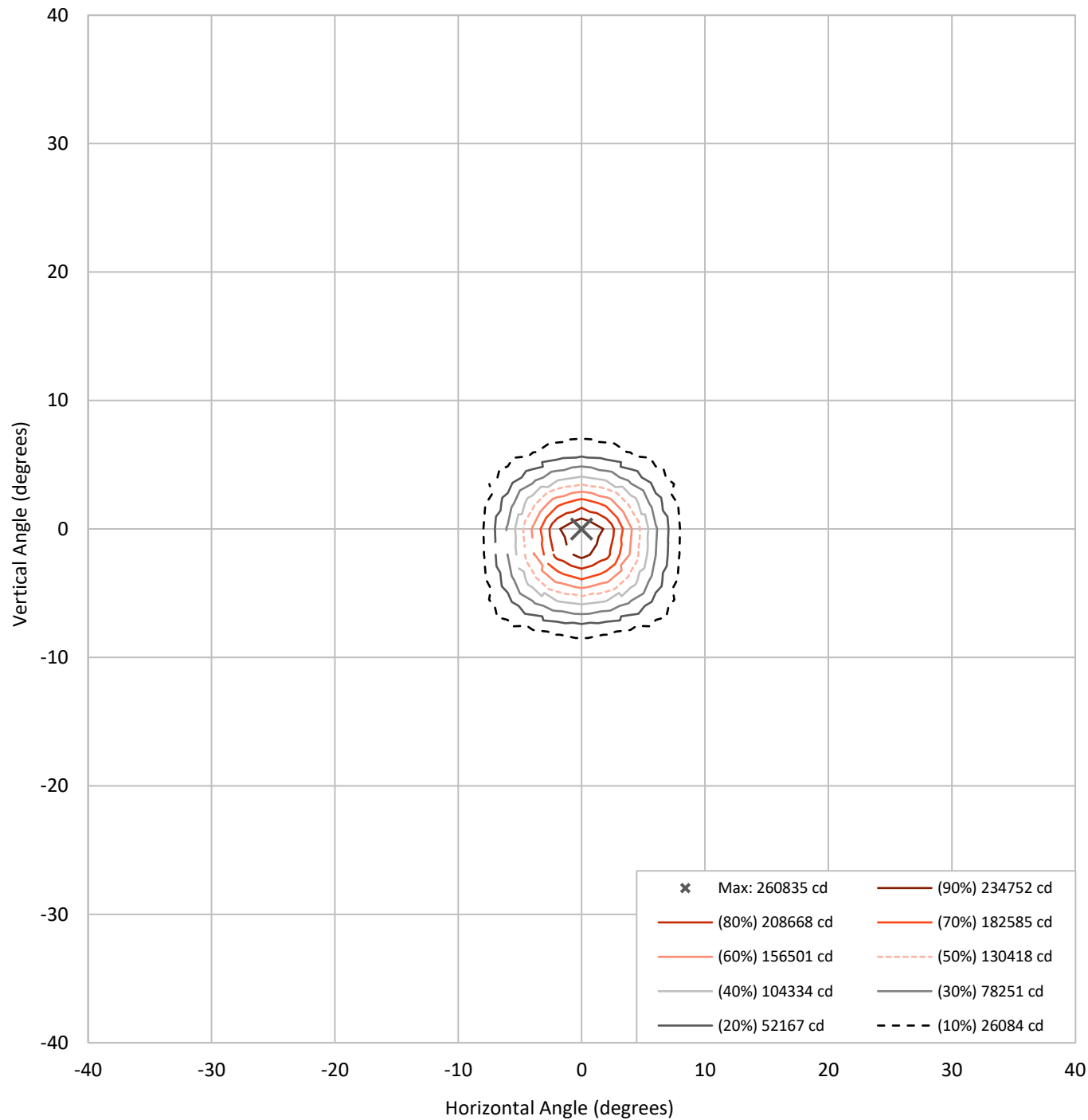
Input Watts (W): 218.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P723621
CATALOG NUMBER: IFLD-M-SA4C-722-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723621

CATALOG NUMBER: IFLD-M-SA4C-722-U-11-VI

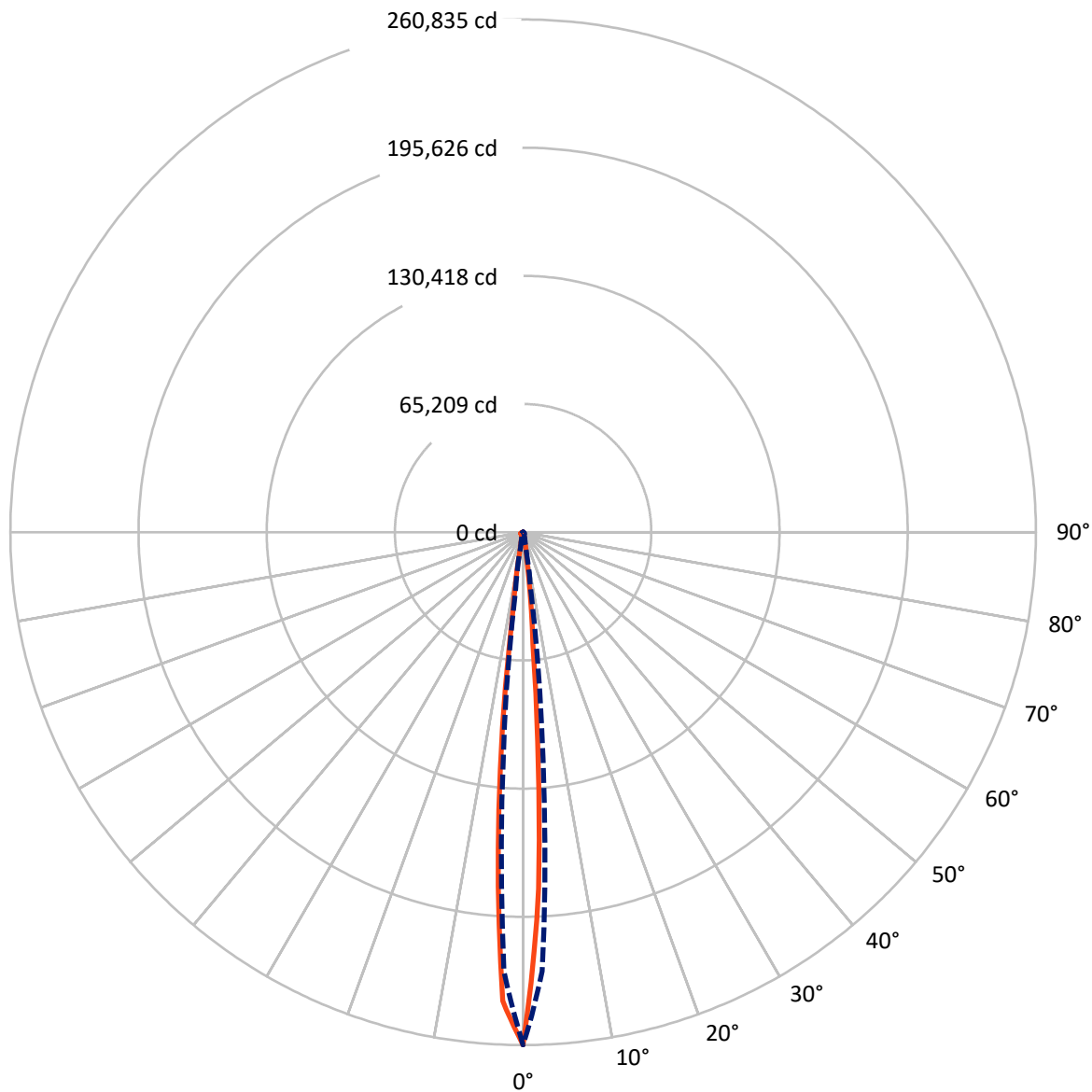
Lumen Table

90																			
80	0.2	2.5		2.7		1.0		0.3		1.0		2.7		2.5		0.2			
70	0.3	0.6	0.7	0.5	0.4	0.4	0.3	0.2	0.2	0.3	0.4	0.4	0.5	0.7	0.6	0.3			
60		0.3	0.5	1.3	2.9	4.7	6.0	6.9	6.9	6.0	4.7	2.9	1.3	0.5	0.3				
50	0.3	0.4	1.5	5.0	9.9	14.5	17.5	19.4	19.4	17.5	14.5	9.9	5.0	1.5	0.4	0.3			
40		0.7	3.8	10.4	16.9	19.8	21.4	22.1	22.1	21.4	19.8	16.9	10.4	3.8	0.7				
30	0.4	1.4	6.6	15.1	19.5	20.1	23.7	28.6	28.6	23.7	20.1	19.5	15.1	6.6	1.4	0.4			
20		2.3	9.2	18.5	20.8	23.5	41.3	70.4	70.4	41.3	23.5	20.8	18.5	9.2	2.3				
10	0.7	2.9	11.3	20.4	21.6	29.0	78.5	1455.4	1455.4	78.5	29.0	21.6	20.4	11.3	2.9	0.7			
0		3.4	12.4	21.4	22.4	30.0	84.6	2122.2	2122.2	84.6	30.0	22.4	21.4	12.4	3.4				
-10	1.1	3.7	12.7	22.5	24.2	27.0	49.2	94.4	94.4	49.2	27.0	24.2	22.5	12.7	3.7	1.1			
-20		3.4	12.1	22.8	27.2	27.2	31.9	38.9	38.9	31.9	27.2	27.2	22.8	12.1	3.4				
-30	1.2	3.1	10.7	21.8	29.9	32.6	34.0	34.2	34.2	34.0	32.6	29.9	21.8	10.7	3.1	1.2			
-40		2.7	8.6	18.5	28.9	35.1	39.3	41.2	41.2	39.3	35.1	28.9	18.5	8.6	2.7				
-50	0.9	2.4	6.6	14.4	24.6	33.1	38.4	40.6	40.6	38.4	33.1	24.6	14.4	6.6	2.4	0.9			
-60		2.3	5.8	11.7	20.5	28.9	35.0	37.8	37.8	35.0	28.9	20.5	11.7	5.8	2.3				
-70	0.4	6.9		20.4		37.8		41.8		37.8		20.4		6.9		0.4			
-80																			
-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: P723621

CATALOG NUMBER: IFLD-M-SA4C-722-U-11-VI

Luminous Intensity Polar Plot



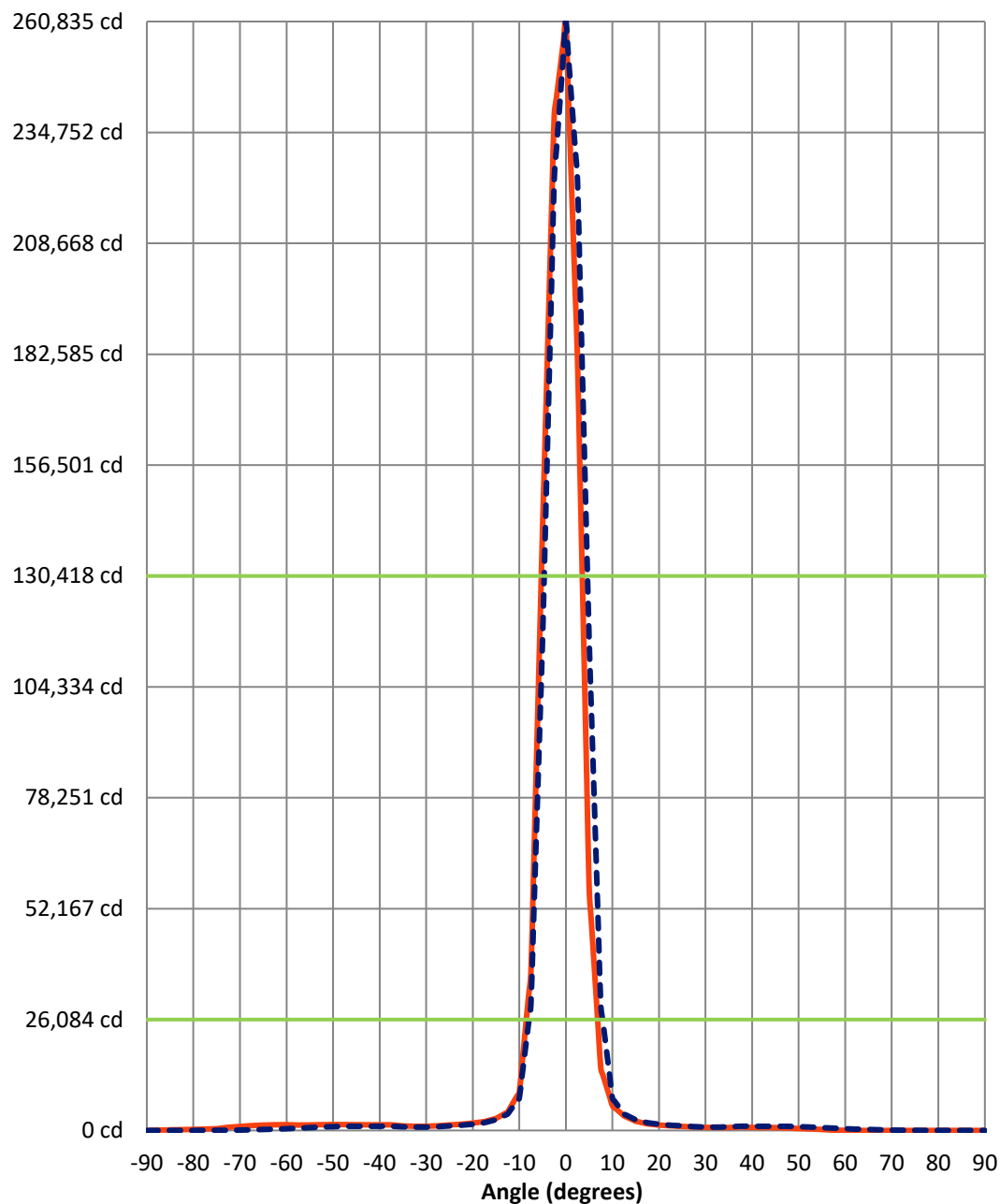
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723621

CATALOG NUMBER: IFLD-M-SA4C-722-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 4020.6

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 6409.5

Efficiency: 57.8%

Spill:

Lumens: 4677.3

Efficiency: 42.2%

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

REPORT NUMBER: P723621

CATALOG NUMBER: IFLD-M-SA4C-722-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	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
85°	0.0	2.6	2.6	5.1	5.1	5.1	7.7	10.2	12.8	12.8	15.4
82.5°	0.0	2.6	2.6	5.1	5.1	7.7	7.7	12.8	15.4	17.9	23.0
80°	2.6	2.6	2.6	5.1	5.1	7.7	7.7	10.2	12.8	17.9	20.5
77.5°	0.0	2.6	2.6	2.6	5.1	5.1	5.1	7.7	10.2	12.8	15.4
75°	0.0	2.6	2.6	2.6	5.1	5.1	5.1	5.1	7.7	7.7	10.2
72.5°	0.0	0.0	0.0	2.6	2.6	5.1	5.1	5.1	7.7	7.7	7.7
70°	0.0	0.0	0.0	2.6	2.6	5.1	5.1	5.1	7.7	7.7	7.7
67.5°	0.0	0.0	0.0	2.6	2.6	5.1	5.1	5.1	7.7	7.7	7.7
65°	0.0	0.0	0.0	2.6	2.6	5.1	5.1	7.7	7.7	7.7	7.7
62.5°	2.6	2.6	2.6	5.1	7.7	7.7	10.2	12.8	12.8	12.8	12.8
60°	25.6	28.2	30.7	30.7	28.2	28.2	30.7	30.7	30.7	30.7	30.7
57.5°	69.1	74.2	76.8	76.8	76.8	74.2	84.5	87.0	76.8	71.7	79.3
55°	240.6	248.3	243.1	235.5	220.1	202.2	197.1	194.5	197.1	184.3	163.8
52.5°	350.6	358.3	355.8	350.6	340.4	327.6	317.4	307.1	296.9	276.4	253.4
50°	455.6	458.1	455.6	450.4	440.2	427.4	406.9	383.9	363.4	358.3	337.8
47.5°	573.3	581.0	581.0	578.4	570.7	547.7	517.0	483.7	468.4	463.2	442.8
45°	678.2	683.4	685.9	688.5	685.9	662.9	634.7	616.8	583.5	573.3	573.3
42.5°	706.4	708.9	711.5	714.1	721.7	703.8	680.8	650.1	642.4	639.8	634.7
40°	716.6	711.5	714.1	716.6	719.2	706.4	688.5	670.6	665.4	660.3	660.3
37.5°	813.9	790.8	772.9	757.6	744.8	732.0	714.1	698.7	685.9	675.7	685.9
35°	693.6	693.6	711.5	726.9	742.2	757.6	760.1	742.2	714.1	701.3	719.2
32.5°	708.9	708.9	708.9	714.1	719.2	732.0	744.8	752.5	772.9	749.9	749.9
30°	724.3	726.9	732.0	734.5	726.9	721.7	716.6	716.6	729.4	762.7	780.6
27.5°	813.9	813.9	806.2	796.0	772.9	737.1	719.2	693.6	696.1	711.5	755.0
25°	959.8	954.6	936.7	911.1	870.2	819.0	770.4	716.6	693.6	685.9	703.8
22.5°	1098.0	1090.3	1067.3	1044.2	1010.9	959.8	877.9	796.0	724.3	693.6	685.9
20°	1274.6	1256.6	1231.1	1195.2	1141.5	1090.3	1018.6	911.1	806.2	726.9	696.1
17.5°	1558.7	1535.6	1487.0	1423.0	1330.9	1251.5	1149.2	1046.8	929.0	801.1	732.0
15°	2180.6	2121.7	2037.3	1860.7	1678.9	1527.9	1374.4	1202.9	1082.6	913.7	808.8
12.5°	3429.5	3268.3	3022.6	2610.6	2203.6	1853.0	1604.7	1384.6	1190.1	1034.0	885.5
10°	5804.6	5459.1	4780.9	3654.8	2904.9	2259.9	1814.6	1520.3	1274.6	1113.3	949.5
7.5°	14680.5	11975.3	8474.1	5786.7	3800.7	2761.6	2075.6	1648.2	1364.1	1164.5	1000.7
5°	57217.1	47133.3	25143.2	10493.4	5717.6	3340.0	2311.1	1750.6	1423.0	1202.9	1039.1
2.5°	181589.4	156814.8	82273.3	22588.9	7020.3	3762.3	2472.3	1814.6	1456.3	1231.1	1067.3
0°	260835.0	223545.1	115465.7	29709.1	7614.1	3869.8	2523.5	1827.4	1461.4	1236.2	1067.3
-2.5°	238619.8	208839.0	111539.7	27646.3	7780.5	3900.5	2564.5	1870.9	1499.8	1259.2	1074.9
-5°	141786.2	124367.2	77807.2	19712.2	6912.8	3621.5	2457.0	1832.5	1474.2	1246.4	1069.8
-7.5°	37356.5	32340.1	21273.4	10286.1	4473.8	3063.6	2257.4	1768.5	1440.9	1223.4	1049.3
-10°	9006.4	8535.5	7624.3	4673.4	3483.3	2559.4	2001.4	1653.3	1374.4	1192.7	1016.1
-12.5°	4343.2	4240.9	3849.3	3173.6	2585.0	2126.8	1812.0	1533.1	1313.0	1138.9	970.0
-15°	2825.5	2766.7	2633.6	2375.1	2075.6	1855.5	1635.4	1410.2	1236.2	1059.6	931.6
-17.5°	2091.0	2088.4	2021.9	1924.6	1776.2	1612.4	1451.2	1307.8	1138.9	987.9	890.7
-20°	1732.7	1732.7	1694.3	1630.3	1525.4	1417.9	1310.4	1177.3	1039.1	926.5	885.5

REPORT NUMBER: P723621

CATALOG NUMBER: IFLD-M-SA4C-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1471.6	1474.2	1453.7	1412.8	1356.5	1266.9	1162.0	1054.5	954.6	913.7	900.9
-25°	1302.7	1297.6	1274.6	1236.2	1177.3	1105.6	1036.5	964.9	936.7	926.5	944.4
-27.5°	1103.1	1110.8	1100.5	1082.6	1044.2	993.0	977.7	957.2	962.3	977.7	1046.8
-30°	985.4	993.0	1003.3	1010.9	998.2	985.4	990.5	1005.8	1039.1	1098.0	1123.6
-32.5°	985.4	987.9	1003.3	1018.6	1026.3	1036.5	1064.7	1115.9	1164.5	1149.2	1144.0
-35°	1074.9	1067.3	1087.7	1108.2	1136.4	1172.2	1202.9	1192.7	1174.7	1169.6	1174.7
-37.5°	1330.9	1282.2	1261.8	1249.0	1241.3	1236.2	1228.5	1220.8	1213.1	1208.0	1215.7
-40°	1328.3	1315.5	1302.7	1292.5	1284.8	1274.6	1269.4	1266.9	1259.2	1254.1	1249.0
-42.5°	1323.2	1328.3	1328.3	1325.8	1328.3	1325.8	1318.1	1307.8	1295.0	1284.8	1274.6
-45°	1361.6	1364.1	1369.3	1374.4	1382.1	1371.8	1356.5	1338.5	1320.6	1305.3	1292.5
-47.5°	1384.6	1387.2	1392.3	1400.0	1405.1	1394.9	1374.4	1351.3	1323.2	1297.6	1272.0
-50°	1392.3	1400.0	1402.5	1402.5	1400.0	1387.2	1356.5	1323.2	1292.5	1266.9	1243.9
-52.5°	1356.5	1364.1	1366.7	1361.6	1359.0	1346.2	1318.1	1287.4	1254.1	1236.2	1215.7
-55°	1297.6	1307.8	1315.5	1315.5	1315.5	1313.0	1287.4	1259.2	1233.6	1213.1	1192.7
-57.5°	1274.6	1292.5	1307.8	1310.4	1313.0	1315.5	1297.6	1269.4	1238.7	1208.0	1182.4
-60°	1359.0	1374.4	1382.1	1371.8	1364.1	1356.5	1328.3	1295.0	1264.3	1233.6	1185.0
-62.5°	1336.0	1361.6	1374.4	1366.7	1356.5	1343.7	1313.0	1274.6	1238.7	1205.5	1156.8
-65°	1261.8	1284.8	1300.2	1287.4	1272.0	1254.1	1225.9	1190.1	1156.8	1123.6	1080.1
-67.5°	1136.4	1169.6	1195.2	1167.1	1146.6	1123.6	1100.5	1069.8	1036.5	998.2	957.2
-70°	939.3	964.9	987.9	980.2	975.1	970.0	954.6	923.9	895.8	865.1	829.2
-72.5°	755.0	778.0	798.5	785.7	775.5	760.1	737.1	703.8	670.6	637.3	604.0
-75°	417.2	424.9	432.5	430.0	430.0	430.0	430.0	432.5	427.4	419.7	404.4
-77.5°	319.9	330.2	337.8	343.0	350.6	360.9	368.5	355.8	343.0	330.2	314.8
-80°	250.8	261.1	268.7	296.9	317.4	340.4	355.8	337.8	319.9	304.6	291.8
-82.5°	189.4	197.1	204.7	220.1	230.3	243.1	253.4	253.4	250.8	248.3	240.6
-85°	138.2	148.4	158.7	163.8	171.5	171.5	174.0	163.8	153.6	145.9	135.6
-87.5°	79.3	81.9	81.9	81.9	84.5	84.5	84.5	79.3	76.8	71.7	69.1
-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: P723621

CATALOG NUMBER: IFLD-M-SA4C-722-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°	2.6	2.6	2.6	5.1	5.1	7.7	7.7	10.2	10.2	12.8	12.8
85°	15.4	15.4	15.4	17.9	17.9	20.5	23.0	25.6	28.2	28.2	30.7
82.5°	25.6	28.2	30.7	33.3	35.8	38.4	40.9	43.5	51.2	56.3	58.9
80°	25.6	28.2	35.8	40.9	46.1	51.2	51.2	51.2	51.2	53.7	58.9
77.5°	17.9	20.5	23.0	28.2	40.9	51.2	58.9	64.0	58.9	56.3	51.2
75°	10.2	12.8	15.4	17.9	25.6	35.8	48.6	61.4	71.7	69.1	64.0
72.5°	10.2	10.2	12.8	15.4	17.9	20.5	23.0	35.8	51.2	64.0	71.7
70°	10.2	12.8	12.8	15.4	17.9	20.5	23.0	28.2	35.8	51.2	66.5
67.5°	10.2	12.8	12.8	17.9	23.0	25.6	28.2	25.6	23.0	33.3	48.6
65°	10.2	10.2	12.8	15.4	17.9	20.5	28.2	28.2	25.6	25.6	25.6
62.5°	15.4	15.4	15.4	15.4	17.9	17.9	17.9	23.0	23.0	23.0	23.0
60°	30.7	28.2	28.2	28.2	28.2	23.0	23.0	23.0	20.5	23.0	20.5
57.5°	74.2	61.4	56.3	56.3	48.6	46.1	38.4	28.2	28.2	23.0	23.0
55°	151.0	143.3	120.3	99.8	89.6	79.3	61.4	51.2	38.4	30.7	28.2
52.5°	232.9	212.4	192.0	166.4	140.8	120.3	102.4	79.3	64.0	46.1	35.8
50°	304.6	286.6	263.6	235.5	202.2	176.6	151.0	120.3	94.7	71.7	51.2
47.5°	414.6	378.8	350.6	317.4	279.0	243.1	209.9	174.0	133.1	104.9	79.3
45°	532.3	481.2	442.8	412.1	360.9	312.2	273.9	235.5	186.8	138.2	107.5
42.5°	614.2	575.9	524.7	483.7	437.7	386.5	335.3	294.3	243.1	186.8	138.2
40°	657.8	632.2	591.2	555.4	506.8	450.4	396.7	355.8	302.0	240.6	174.0
37.5°	691.0	678.2	657.8	629.6	583.5	517.0	463.2	414.6	368.5	296.9	225.2
35°	729.4	726.9	714.1	701.3	662.9	598.9	534.9	478.6	422.3	355.8	276.4
32.5°	765.2	762.7	755.0	749.9	734.5	678.2	609.1	545.1	481.2	412.1	325.0
30°	783.2	778.0	778.0	783.2	767.8	732.0	680.8	611.7	540.0	458.1	376.2
27.5°	783.2	778.0	780.6	788.3	785.7	767.8	729.4	673.1	593.8	501.6	422.3
25°	749.9	775.5	775.5	785.7	788.3	783.2	762.7	726.9	645.0	547.7	458.1
22.5°	703.8	765.2	788.3	785.7	788.3	801.1	803.6	770.4	693.6	593.8	494.0
20°	703.8	747.3	813.9	796.0	801.1	829.2	842.0	813.9	744.8	637.3	529.8
17.5°	719.2	747.3	803.6	831.8	839.5	862.5	883.0	865.1	790.8	683.4	578.4
15°	762.7	757.6	796.0	865.1	877.9	895.8	918.8	898.3	831.8	734.5	624.5
12.5°	793.4	765.2	796.0	870.2	911.1	929.0	936.7	921.4	867.6	780.6	670.6
10°	834.4	785.7	801.1	865.1	923.9	936.7	944.4	939.3	900.9	819.0	711.5
7.5°	865.1	796.0	796.0	857.4	936.7	947.0	952.1	957.2	929.0	852.3	747.3
5°	877.9	796.0	790.8	849.7	949.5	959.8	959.8	967.4	949.5	877.9	772.9
2.5°	880.4	793.4	785.7	844.6	972.6	972.6	967.4	975.1	964.9	893.2	790.8
0°	893.2	790.8	783.2	852.3	998.2	987.9	975.1	977.7	972.6	900.9	801.1
-2.5°	893.2	803.6	793.4	857.4	995.6	993.0	987.9	990.5	985.4	923.9	821.6
-5°	906.0	821.6	811.3	880.4	993.0	1000.7	1003.3	1003.3	995.6	939.3	834.4
-7.5°	908.6	834.4	831.8	903.5	998.2	1010.9	1018.6	1023.7	1008.4	949.5	844.6
-10°	895.8	839.5	852.3	931.6	1003.3	1021.2	1036.5	1044.2	1018.6	954.6	849.7
-12.5°	867.6	839.5	872.7	967.4	1016.1	1036.5	1059.6	1062.1	1028.9	957.2	852.3
-15°	865.1	859.9	908.6	1003.3	1023.7	1049.3	1085.2	1077.5	1036.5	957.2	852.3
-17.5°	862.5	888.1	962.3	1016.1	1036.5	1064.7	1092.8	1085.2	1041.7	957.2	847.1
-20°	885.5	934.2	1026.3	1028.9	1051.9	1082.6	1098.0	1082.6	1034.0	949.5	839.5

REPORT NUMBER: P723621

CATALOG NUMBER: IFLD-M-SA4C-722-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°	923.9	1016.1	1046.8	1057.0	1077.5	1100.5	1108.2	1085.2	1026.3	936.7	826.7
-25°	1021.2	1067.3	1067.3	1090.3	1110.8	1121.0	1113.3	1087.7	1016.1	923.9	813.9
-27.5°	1095.4	1092.8	1105.6	1128.7	1146.6	1146.6	1126.1	1074.9	1000.7	911.1	796.0
-30°	1123.6	1126.1	1144.0	1169.6	1174.7	1162.0	1131.2	1064.7	987.9	890.7	772.9
-32.5°	1151.7	1162.0	1185.0	1197.8	1200.3	1174.7	1118.4	1046.8	967.4	867.6	747.3
-35°	1185.0	1205.5	1218.3	1220.8	1208.0	1164.5	1100.5	1023.7	936.7	834.4	724.3
-37.5°	1228.5	1238.7	1246.4	1236.2	1200.3	1149.2	1069.8	993.0	908.6	798.5	691.0
-40°	1256.6	1261.8	1264.3	1231.1	1187.5	1113.3	1036.5	957.2	859.9	757.6	655.2
-42.5°	1274.6	1269.4	1249.0	1213.1	1149.2	1077.5	1003.3	913.7	816.4	716.6	616.8
-45°	1269.4	1251.5	1220.8	1177.3	1110.8	1039.1	952.1	862.5	770.4	673.1	573.3
-47.5°	1249.0	1220.8	1182.4	1131.2	1069.8	982.8	895.8	808.8	719.2	624.5	532.3
-50°	1223.4	1190.1	1144.0	1080.1	998.2	918.8	839.5	755.0	662.9	575.9	494.0
-52.5°	1195.2	1159.4	1100.5	1028.9	939.3	857.4	780.6	698.7	614.2	532.3	460.7
-55°	1164.5	1128.7	1062.1	980.2	890.7	801.1	726.9	657.8	575.9	496.5	432.5
-57.5°	1149.2	1103.1	1034.0	952.1	857.4	765.2	701.3	627.0	552.8	470.9	409.5
-60°	1136.4	1090.3	1026.3	931.6	842.0	755.0	680.8	609.1	529.8	453.0	391.6
-62.5°	1100.5	1051.9	993.0	900.9	813.9	734.5	668.0	583.5	506.8	435.1	378.8
-65°	1028.9	977.7	926.5	844.6	765.2	691.0	624.5	547.7	476.0	414.6	366.0
-67.5°	916.3	872.7	826.7	757.6	691.0	624.5	563.1	496.5	437.7	394.1	368.5
-70°	790.8	744.8	698.7	642.4	586.1	532.3	483.7	435.1	396.7	373.7	353.2
-72.5°	575.9	555.4	532.3	488.8	442.8	409.5	386.5	366.0	337.8	317.4	304.6
-75°	383.9	355.8	319.9	304.6	307.1	302.0	289.2	273.9	261.1	253.4	235.5
-77.5°	299.4	284.1	266.2	248.3	240.6	232.9	222.7	209.9	199.6	181.7	156.1
-80°	276.4	263.6	250.8	238.0	225.2	207.3	186.8	166.4	156.1	148.4	145.9
-82.5°	227.8	212.4	197.1	184.3	166.4	153.6	140.8	130.5	130.5	128.0	125.4
-85°	130.5	125.4	117.7	112.6	107.5	99.8	92.1	87.0	84.5	81.9	79.3
-87.5°	66.5	64.0	58.9	56.3	53.7	51.2	46.1	43.5	40.9	40.9	38.4
-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: P723621

CATALOG NUMBER: IFLD-M-SA4C-722-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°	12.8	12.8	10.2	10.2	10.2	7.7	5.1	5.1	2.6	2.6	0.0
85°	30.7	25.6	23.0	20.5	20.5	15.4	10.2	7.7	5.1	2.6	2.6
82.5°	58.9	51.2	43.5	38.4	30.7	23.0	17.9	12.8	7.7	5.1	2.6
80°	66.5	66.5	64.0	53.7	43.5	33.3	23.0	15.4	10.2	7.7	5.1
77.5°	51.2	56.3	56.3	56.3	53.7	40.9	28.2	17.9	10.2	7.7	5.1
75°	58.9	51.2	48.6	51.2	48.6	40.9	33.3	20.5	12.8	10.2	5.1
72.5°	71.7	61.4	53.7	51.2	46.1	38.4	30.7	23.0	12.8	10.2	7.7
70°	66.5	64.0	58.9	53.7	46.1	38.4	30.7	23.0	15.4	10.2	7.7
67.5°	58.9	58.9	58.9	53.7	46.1	35.8	28.2	20.5	15.4	10.2	7.7
65°	40.9	48.6	53.7	51.2	46.1	35.8	28.2	20.5	15.4	12.8	7.7
62.5°	25.6	33.3	43.5	48.6	43.5	35.8	25.6	20.5	15.4	12.8	7.7
60°	23.0	25.6	30.7	38.4	40.9	33.3	25.6	17.9	15.4	12.8	7.7
57.5°	23.0	23.0	25.6	30.7	33.3	30.7	23.0	15.4	15.4	12.8	10.2
55°	25.6	23.0	23.0	25.6	28.2	28.2	23.0	15.4	15.4	12.8	10.2
52.5°	30.7	25.6	23.0	23.0	23.0	25.6	20.5	15.4	15.4	12.8	10.2
50°	38.4	30.7	28.2	23.0	23.0	23.0	20.5	15.4	12.8	12.8	10.2
47.5°	51.2	40.9	30.7	28.2	23.0	20.5	17.9	15.4	12.8	12.8	10.2
45°	76.8	48.6	40.9	30.7	25.6	23.0	20.5	15.4	12.8	12.8	10.2
42.5°	104.9	71.7	51.2	35.8	28.2	23.0	20.5	17.9	12.8	12.8	10.2
40°	133.1	97.3	64.0	46.1	33.3	25.6	20.5	17.9	15.4	12.8	10.2
37.5°	163.8	120.3	84.5	58.9	38.4	28.2	23.0	17.9	15.4	12.8	10.2
35°	202.2	151.0	104.9	71.7	46.1	33.3	25.6	17.9	15.4	12.8	10.2
32.5°	245.7	179.2	125.4	87.0	58.9	40.9	28.2	20.5	15.4	12.8	10.2
30°	286.6	212.4	148.4	104.9	71.7	46.1	30.7	20.5	15.4	12.8	7.7
27.5°	327.6	245.7	176.6	122.8	87.0	53.7	33.3	23.0	15.4	12.8	10.2
25°	368.5	279.0	204.7	140.8	99.8	64.0	40.9	25.6	15.4	12.8	10.2
22.5°	404.4	312.2	230.3	161.2	115.2	74.2	46.1	28.2	17.9	12.8	10.2
20°	445.3	348.1	258.5	184.3	128.0	84.5	51.2	30.7	17.9	12.8	10.2
17.5°	483.7	383.9	286.6	204.7	143.3	94.7	58.9	33.3	20.5	12.8	10.2
15°	522.1	417.2	312.2	225.2	158.7	104.9	64.0	35.8	23.0	12.8	10.2
12.5°	557.9	447.9	335.3	243.1	171.5	115.2	69.1	38.4	25.6	12.8	10.2
10°	591.2	476.0	358.3	258.5	184.3	122.8	74.2	43.5	28.2	12.8	10.2
7.5°	624.5	499.1	376.2	273.9	199.6	133.1	79.3	46.1	30.7	15.4	10.2
5°	645.0	519.6	391.6	286.6	212.4	143.3	84.5	48.6	33.3	15.4	10.2
2.5°	662.9	534.9	401.8	299.4	225.2	151.0	84.5	51.2	35.8	15.4	10.2
0°	673.1	545.1	409.5	307.1	235.5	156.1	87.0	53.7	38.4	15.4	10.2
-2.5°	696.1	563.1	427.4	317.4	245.7	171.5	92.1	56.3	40.9	17.9	10.2
-5°	711.5	573.3	440.2	327.6	253.4	186.8	99.8	61.4	46.1	23.0	12.8
-7.5°	724.3	583.5	450.4	332.7	261.1	192.0	102.4	64.0	48.6	25.6	12.8
-10°	726.9	588.7	458.1	340.4	266.2	199.6	104.9	66.5	51.2	28.2	12.8
-12.5°	729.4	593.8	460.7	345.5	271.3	204.7	107.5	69.1	53.7	30.7	12.8
-15°	726.9	591.2	460.7	350.6	273.9	199.6	112.6	71.7	56.3	33.3	12.8
-17.5°	721.7	588.7	458.1	348.1	271.3	194.5	115.2	76.8	56.3	35.8	15.4
-20°	714.1	581.0	453.0	345.5	268.7	189.4	117.7	79.3	58.9	35.8	15.4

REPORT NUMBER: P723621

CATALOG NUMBER: IFLD-M-SA4C-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	701.3	568.2	442.8	337.8	263.6	184.3	117.7	84.5	61.4	35.8	15.4
-25°	685.9	555.4	432.5	327.6	255.9	176.6	117.7	87.0	64.0	35.8	15.4
-27.5°	668.0	542.6	417.2	319.9	245.7	171.5	117.7	89.6	66.5	35.8	15.4
-30°	647.5	524.7	404.4	307.1	238.0	171.5	120.3	92.1	69.1	35.8	15.4
-32.5°	627.0	506.8	389.0	296.9	227.8	168.9	120.3	94.7	71.7	33.3	17.9
-35°	604.0	486.3	376.2	289.2	220.1	163.8	122.8	94.7	69.1	33.3	17.9
-37.5°	575.9	460.7	363.4	281.5	215.0	158.7	122.8	97.3	66.5	33.3	17.9
-40°	545.1	440.2	348.1	271.3	207.3	156.1	122.8	97.3	64.0	33.3	20.5
-42.5°	511.9	417.2	332.7	261.1	199.6	153.6	122.8	97.3	61.4	33.3	20.5
-45°	481.2	394.1	314.8	248.3	192.0	153.6	122.8	94.7	56.3	35.8	20.5
-47.5°	447.9	368.5	294.3	235.5	189.4	151.0	120.3	89.6	51.2	35.8	20.5
-50°	419.7	343.0	279.0	222.7	184.3	153.6	122.8	81.9	51.2	35.8	20.5
-52.5°	391.6	325.0	261.1	217.5	179.2	156.1	120.3	76.8	51.2	35.8	20.5
-55°	368.5	307.1	250.8	209.9	184.3	161.2	115.2	69.1	51.2	35.8	20.5
-57.5°	350.6	296.9	243.1	212.4	192.0	156.1	107.5	66.5	51.2	33.3	20.5
-60°	337.8	286.6	245.7	222.7	194.5	148.4	102.4	66.5	51.2	33.3	17.9
-62.5°	327.6	289.2	258.5	230.3	184.3	138.2	97.3	66.5	46.1	30.7	17.9
-65°	330.2	299.4	263.6	220.1	176.6	128.0	89.6	64.0	43.5	28.2	17.9
-67.5°	337.8	291.8	248.3	207.3	158.7	115.2	81.9	58.9	40.9	28.2	17.9
-70°	312.2	268.7	225.2	176.6	135.6	99.8	76.8	53.7	35.8	25.6	17.9
-72.5°	281.5	225.2	179.2	143.3	115.2	92.1	69.1	48.6	33.3	23.0	15.4
-75°	204.7	163.8	133.1	120.3	102.4	81.9	61.4	43.5	30.7	23.0	15.4
-77.5°	145.9	135.6	122.8	110.1	92.1	71.7	53.7	40.9	28.2	20.5	12.8
-80°	143.3	130.5	115.2	94.7	76.8	61.4	46.1	35.8	25.6	17.9	10.2
-82.5°	120.3	102.4	87.0	71.7	58.9	48.6	38.4	28.2	20.5	12.8	7.7
-85°	74.2	64.0	56.3	48.6	40.9	33.3	25.6	17.9	12.8	7.7	5.1
-87.5°	35.8	33.3	28.2	23.0	20.5	15.4	12.8	10.2	7.7	5.1	2.6
-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: P723621

CATALOG NUMBER: IFLD-M-SA4C-722-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°	2.6	0.0	0.0	0.0
80°	2.6	0.0	0.0	0.0
77.5°	2.6	0.0	0.0	0.0
75°	2.6	2.6	0.0	0.0
72.5°	2.6	2.6	0.0	0.0
70°	5.1	2.6	2.6	0.0
67.5°	5.1	2.6	2.6	0.0
65°	5.1	2.6	2.6	0.0
62.5°	5.1	2.6	2.6	0.0
60°	5.1	2.6	2.6	0.0
57.5°	5.1	2.6	2.6	0.0
55°	5.1	2.6	2.6	0.0
52.5°	5.1	2.6	2.6	0.0
50°	5.1	2.6	2.6	0.0
47.5°	5.1	5.1	2.6	0.0
45°	5.1	5.1	2.6	0.0
42.5°	5.1	5.1	2.6	0.0
40°	5.1	5.1	2.6	0.0
37.5°	5.1	5.1	2.6	0.0
35°	5.1	5.1	2.6	0.0
32.5°	7.7	5.1	2.6	0.0
30°	7.7	5.1	5.1	0.0
27.5°	7.7	5.1	5.1	0.0
25°	7.7	5.1	5.1	0.0
22.5°	7.7	5.1	5.1	0.0
20°	7.7	5.1	5.1	0.0
17.5°	7.7	5.1	5.1	0.0
15°	7.7	5.1	5.1	0.0
12.5°	7.7	5.1	5.1	0.0
10°	7.7	5.1	5.1	0.0
7.5°	7.7	5.1	5.1	0.0
5°	7.7	5.1	5.1	0.0
2.5°	7.7	5.1	5.1	0.0
0°	7.7	5.1	5.1	0.0
-2.5°	7.7	5.1	5.1	0.0
-5°	7.7	5.1	5.1	0.0
-7.5°	7.7	5.1	5.1	0.0
-10°	7.7	5.1	5.1	0.0
-12.5°	10.2	5.1	5.1	0.0
-15°	10.2	5.1	5.1	0.0
-17.5°	10.2	5.1	5.1	0.0
-20°	10.2	5.1	5.1	0.0

REPORT NUMBER: P723621

CATALOG NUMBER: IFLD-M-SA4C-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	10.2	5.1	5.1	0.0
-25°	10.2	5.1	5.1	0.0
-27.5°	10.2	5.1	5.1	0.0
-30°	10.2	5.1	5.1	0.0
-32.5°	10.2	5.1	5.1	0.0
-35°	10.2	5.1	5.1	0.0
-37.5°	10.2	5.1	5.1	0.0
-40°	10.2	5.1	5.1	0.0
-42.5°	7.7	5.1	2.6	0.0
-45°	10.2	5.1	2.6	0.0
-47.5°	10.2	5.1	2.6	0.0
-50°	10.2	5.1	2.6	0.0
-52.5°	10.2	5.1	2.6	0.0
-55°	10.2	5.1	2.6	0.0
-57.5°	10.2	5.1	2.6	0.0
-60°	10.2	5.1	2.6	0.0
-62.5°	10.2	5.1	2.6	0.0
-65°	10.2	5.1	2.6	0.0
-67.5°	10.2	5.1	2.6	0.0
-70°	10.2	2.6	2.6	0.0
-72.5°	7.7	2.6	2.6	0.0
-75°	7.7	2.6	2.6	0.0
-77.5°	5.1	2.6	0.0	0.0
-80°	5.1	2.6	0.0	0.0
-82.5°	5.1	2.6	0.0	0.0
-85°	2.6	0.0	0.0	0.0
-87.5°	2.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)