

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: P723737

Luminaire Tested: **IFLD-M-SA4C-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723737
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	15051.4 lumens	Max Intensity:	354106.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	69.0 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:	5458.3 lumens	Field Lumens:	8701.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

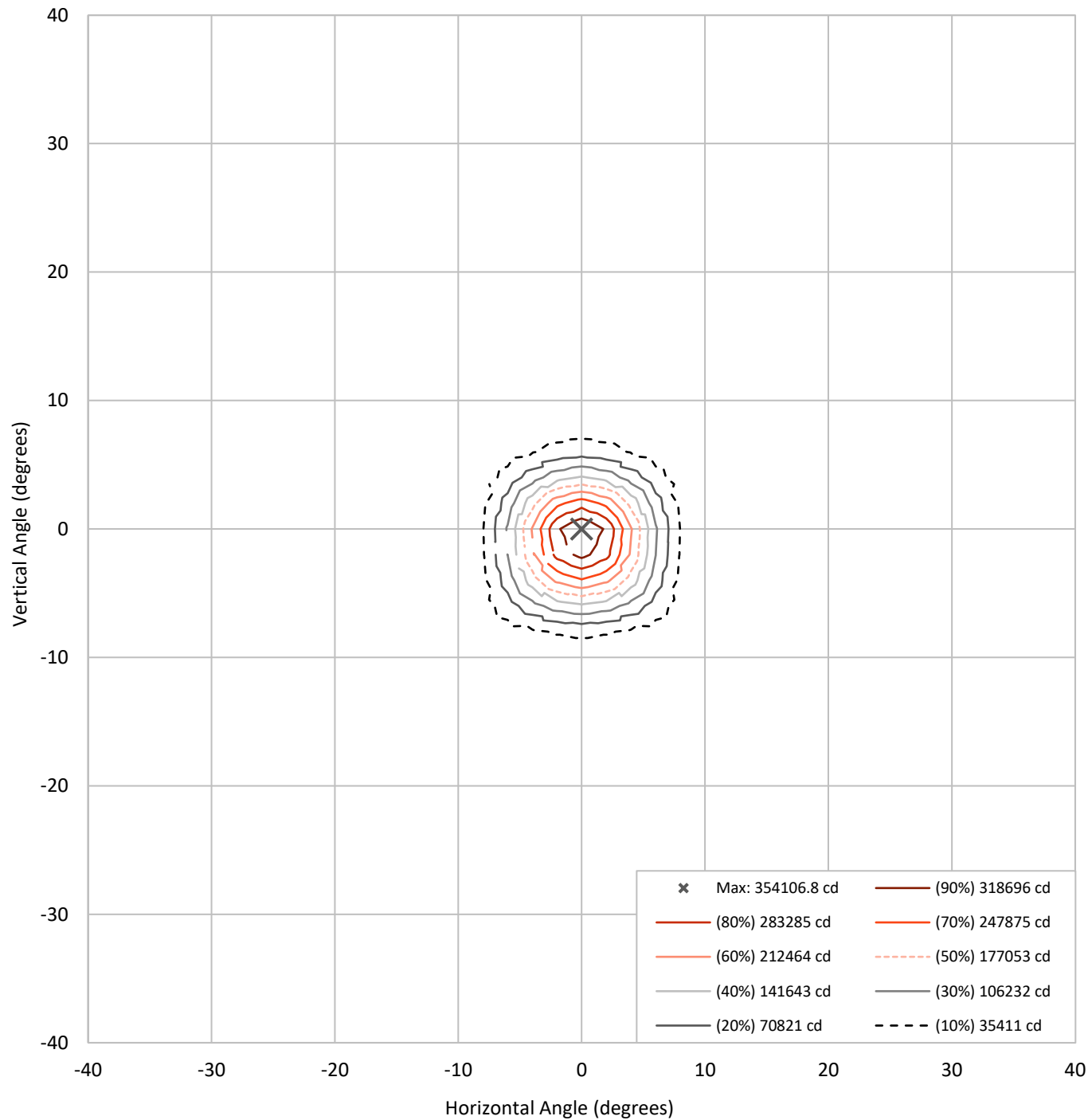
Input Watts (W): 218.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P723737
CATALOG NUMBER: IFLD-M-SA4C-740-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723737

CATALOG NUMBER: IFLD-M-SA4C-740-U-11-VI

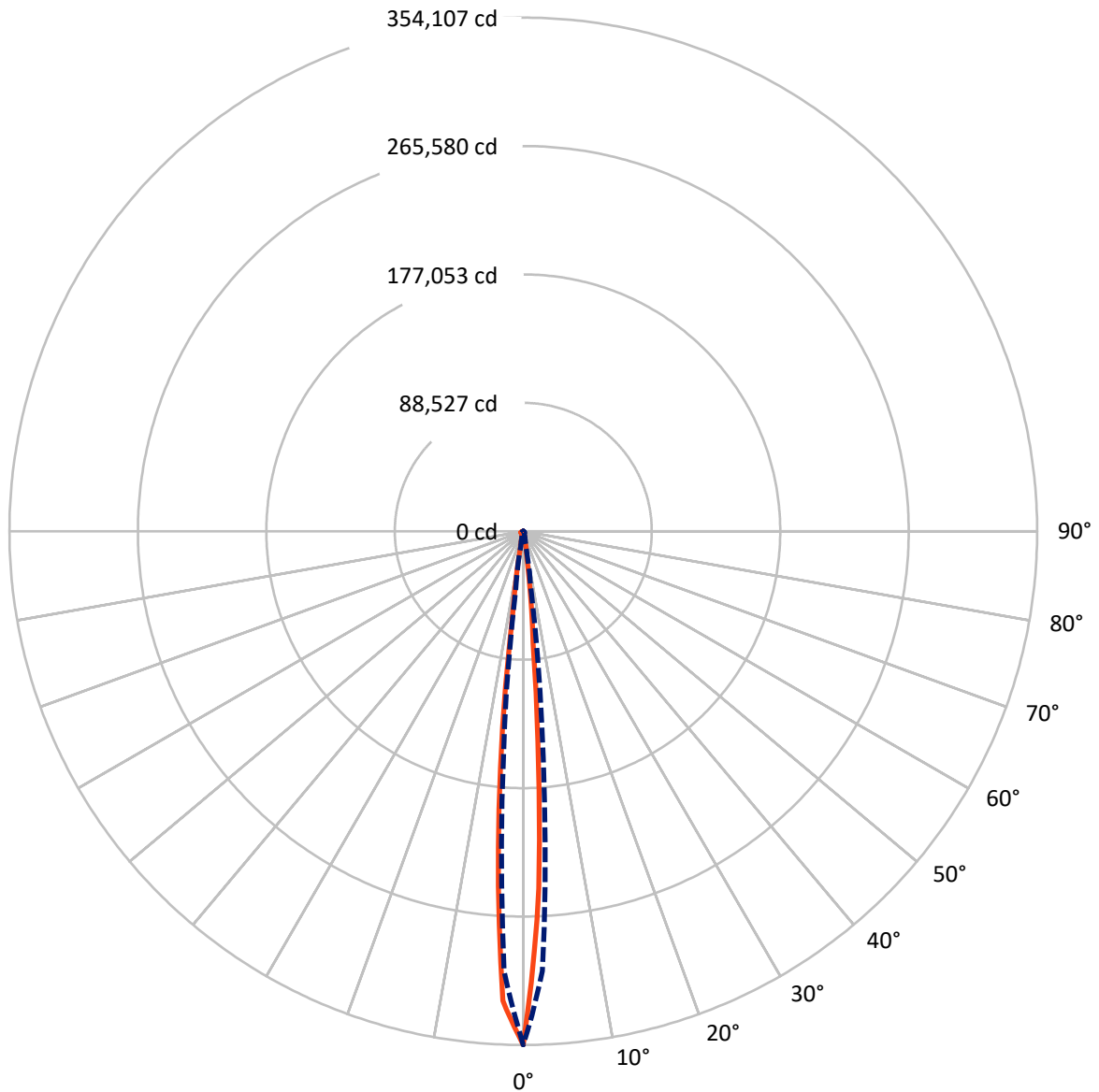
Lumen Table

90																				
80	0.3	3.3		3.6		1.4		0.4		1.4		3.6		3.3		0.3				
70	0.4	0.8	1.0	0.7	0.6	0.5	0.4	0.2	0.2	0.4	0.5	0.6	0.7	1.0	0.8	0.4				
60		0.5	0.7	1.8	3.9	6.3	8.1	9.3	9.3	8.1	6.3	3.9	1.8	0.7	0.5					
50	0.4	0.5	2.1	6.9	13.5	19.7	23.8	26.3	26.3	23.8	19.7	13.5	6.9	2.1	0.5	0.4				
40		1.0	5.2	14.1	22.9	26.9	29.0	30.1	30.1	29.0	26.9	22.9	14.1	5.2	1.0					
30	0.6	2.0	8.9	20.5	26.5	27.3	32.2	38.8	38.8	32.2	27.3	26.5	20.5	8.9	2.0	0.6				
20		3.1	12.5	25.2	28.3	31.9	56.1	95.5	95.5	56.1	31.9	28.3	25.2	12.5	3.1					
10	1.0	4.0	15.3	27.7	29.3	39.4	106.6	1975.9	1975.9	106.6	39.4	29.3	27.7	15.3	4.0	1.0				
0		4.6	16.8	29.0	30.4	40.7	114.9	2881.0	2881.0	114.9	40.7	30.4	29.0	16.8	4.6					
-10	1.4	5.0	17.2	30.6	32.9	36.7	66.8	128.2	128.2	66.8	36.7	32.9	30.6	17.2	5.0	1.4				
-20		4.7	16.4	31.0	36.9	37.0	43.2	52.8	52.8	43.2	37.0	36.9	31.0	16.4	4.7					
-30	1.6	4.2	14.5	29.6	40.6	44.3	46.1	46.5	46.5	46.1	44.3	40.6	29.6	14.5	4.2	1.6				
-40		3.6	11.7	25.1	39.2	47.6	53.4	56.0	56.0	53.4	47.6	39.2	25.1	11.7	3.6					
-50	1.3	3.3	9.0	19.5	33.4	44.9	52.1	55.1	55.1	52.1	44.9	33.4	19.5	9.0	3.3	1.3				
-60		3.1	7.9	15.9	27.9	39.2	47.5	51.3	51.3	47.5	39.2	27.9	15.9	7.9	3.1					
-70	0.6	9.3	27.7		51.4		56.7		51.4		27.7		9.3		0.6					
-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: P723737

CATALOG NUMBER: IFLD-M-SA4C-740-U-11-VI

Luminous Intensity Polar Plot

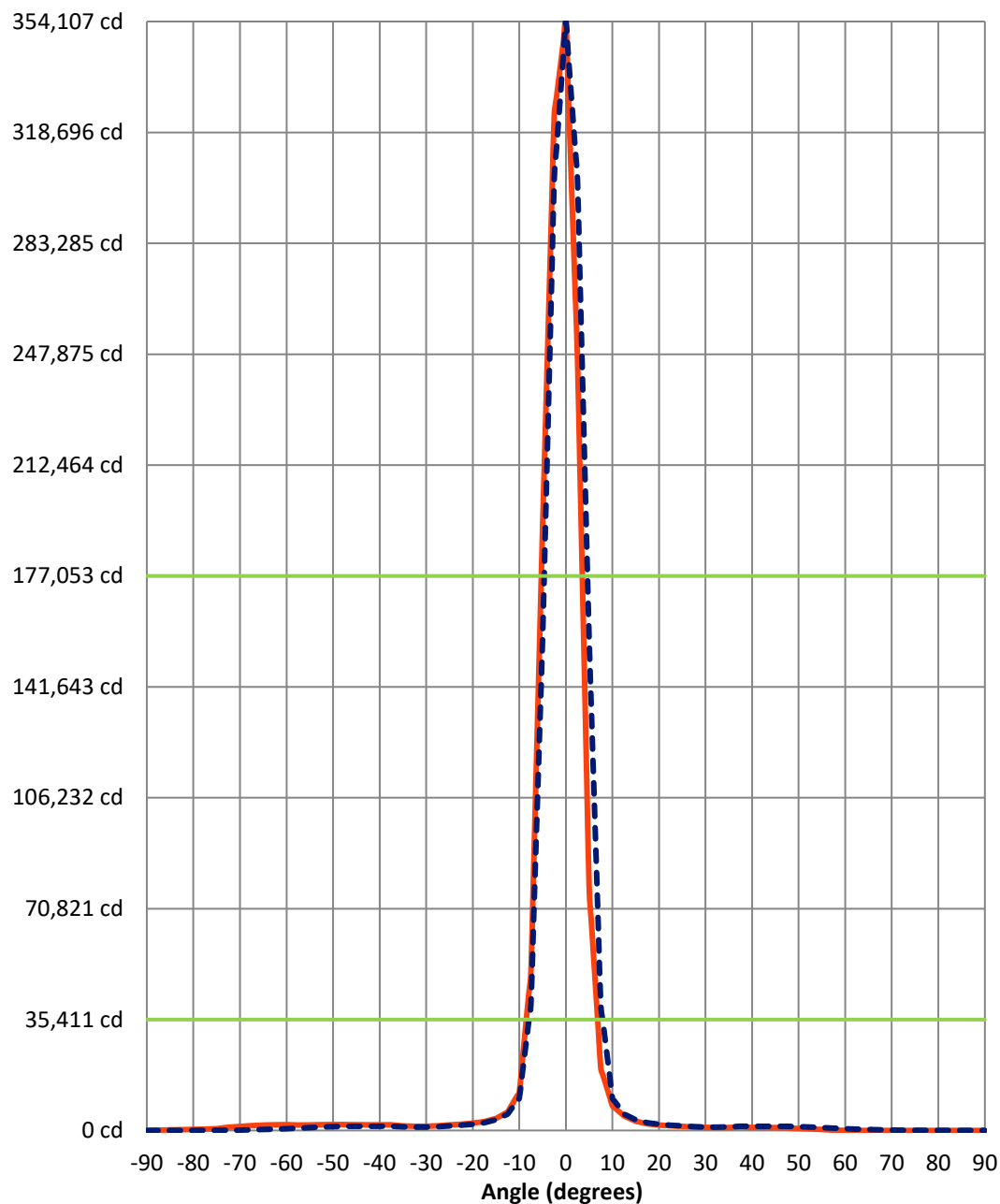


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723737

CATALOG NUMBER: IFLD-M-SA4C-740-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5458.3

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 8701.5

Efficiency: 57.8%

Spill:

Lumens: 6349.9

Efficiency: 42.2%

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

REPORT NUMBER: P723737

CATALOG NUMBER: IFLD-M-SA4C-740-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	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	0.0	3.5	3.5	6.9	6.9	6.9	10.4	13.9	17.4	17.4	20.8
82.5°	0.0	3.5	3.5	6.9	6.9	10.4	10.4	17.4	20.8	24.3	31.3
80°	3.5	3.5	3.5	6.9	6.9	10.4	10.4	13.9	17.4	24.3	27.8
77.5°	0.0	3.5	3.5	3.5	6.9	6.9	6.9	10.4	13.9	17.4	20.8
75°	0.0	3.5	3.5	3.5	6.9	6.9	6.9	6.9	10.4	10.4	13.9
72.5°	0.0	0.0	0.0	3.5	3.5	6.9	6.9	6.9	10.4	10.4	10.4
70°	0.0	0.0	0.0	3.5	3.5	6.9	6.9	6.9	10.4	10.4	10.4
67.5°	0.0	0.0	0.0	3.5	3.5	6.9	6.9	6.9	10.4	10.4	10.4
65°	0.0	0.0	0.0	3.5	3.5	6.9	6.9	10.4	10.4	10.4	10.4
62.5°	3.5	3.5	3.5	6.9	10.4	10.4	13.9	17.4	17.4	17.4	17.4
60°	34.7	38.2	41.7	41.7	38.2	38.2	41.7	41.7	41.7	41.7	41.7
57.5°	93.8	100.8	104.2	104.2	104.2	100.8	114.7	118.1	104.2	97.3	107.7
55°	326.6	337.0	330.1	319.7	298.8	274.5	267.5	264.1	267.5	250.2	222.4
52.5°	476.0	486.4	483.0	476.0	462.1	444.7	430.8	416.9	403.0	375.3	344.0
50°	618.5	621.9	618.5	611.5	597.6	580.3	552.5	521.2	493.4	486.4	458.6
47.5°	778.3	788.7	788.7	785.3	774.8	743.6	701.9	656.7	635.8	628.9	601.1
45°	920.8	927.7	931.2	934.7	931.2	899.9	861.7	837.4	792.2	778.3	778.3
42.5°	959.0	962.5	965.9	969.4	979.8	955.5	924.2	882.5	872.1	868.6	861.7
40°	972.9	965.9	969.4	972.9	976.4	959.0	934.7	910.3	903.4	896.4	896.4
37.5°	1104.9	1073.6	1049.3	1028.5	1011.1	993.7	969.4	948.6	931.2	917.3	931.2
35°	941.6	941.6	965.9	986.8	1007.6	1028.5	1031.9	1007.6	969.4	952.0	976.4
32.5°	962.5	962.5	962.5	969.4	976.4	993.7	1011.1	1021.5	1049.3	1018.0	1018.0
30°	983.3	986.8	993.7	997.2	986.8	979.8	972.9	972.9	990.3	1035.4	1059.7
27.5°	1104.9	1104.9	1094.5	1080.6	1049.3	1000.7	976.4	941.6	945.1	965.9	1025.0
25°	1303.0	1296.0	1271.7	1236.9	1181.4	1111.9	1045.8	972.9	941.6	931.2	955.5
22.5°	1490.6	1480.2	1448.9	1417.6	1372.5	1303.0	1191.8	1080.6	983.3	941.6	931.2
20°	1730.3	1706.0	1671.3	1622.6	1549.7	1480.2	1382.9	1236.9	1094.5	986.8	945.1
17.5°	2116.0	2084.7	2018.7	1931.9	1806.8	1699.1	1560.1	1421.1	1261.3	1087.5	993.7
15°	2960.3	2880.4	2765.8	2526.0	2279.3	2074.3	1865.8	1633.0	1469.7	1240.4	1098.0
12.5°	4655.9	4437.0	4103.5	3544.1	2991.6	2515.6	2178.6	1879.7	1615.7	1403.7	1202.2
10°	7880.3	7411.2	6490.5	4961.7	3943.6	3068.0	2463.5	2063.9	1730.3	1511.4	1289.1
7.5°	19930.1	16257.5	11504.3	7856.0	5159.7	3749.1	2817.9	2237.6	1851.9	1580.9	1358.6
5°	77677.4	63987.6	34134.1	14245.7	7762.2	4534.3	3137.5	2376.6	1931.9	1633.0	1410.7
2.5°	246523.8	212890.0	111693.3	30666.5	9530.7	5107.6	3356.4	2463.5	1977.0	1671.3	1448.9
0°	354106.8	303482.4	156755.0	40332.7	10336.8	5253.5	3425.9	2480.8	1984.0	1678.2	1448.9
-2.5°	323947.5	283517.5	151425.0	37532.2	10562.7	5295.2	3481.5	2539.9	2036.1	1709.5	1459.3
-5°	192487.4	168839.5	105630.2	26761.1	9384.8	4916.5	3335.6	2487.8	2001.3	1692.1	1452.4
-7.5°	50714.7	43904.6	28880.6	13964.3	6073.5	4159.1	3064.6	2400.9	1956.2	1660.8	1424.6
-10°	12227.0	11587.7	10350.7	6344.6	4728.9	3474.6	2717.1	2244.6	1865.8	1619.1	1379.4
-12.5°	5896.3	5757.4	5225.7	4308.5	3509.3	2887.4	2460.0	2081.3	1782.5	1546.2	1316.9
-15°	3835.9	3756.0	3575.3	3224.4	2817.9	2519.1	2220.2	1914.5	1678.2	1438.5	1264.7
-17.5°	2838.7	2835.2	2744.9	2612.9	2411.3	2189.0	1970.1	1775.5	1546.2	1341.2	1209.1
-20°	2352.3	2352.3	2300.2	2213.3	2070.8	1924.9	1779.0	1598.3	1410.7	1257.8	1202.2

REPORT NUMBER: P723737

CATALOG NUMBER: IFLD-M-SA4C-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1997.9	2001.3	1973.6	1918.0	1841.5	1719.9	1577.5	1431.5	1296.0	1240.4	1223.0
-25°	1768.6	1761.6	1730.3	1678.2	1598.3	1501.0	1407.2	1309.9	1271.7	1257.8	1282.1
-27.5°	1497.5	1508.0	1494.1	1469.7	1417.6	1348.1	1327.3	1299.5	1306.4	1327.3	1421.1
-30°	1337.7	1348.1	1362.0	1372.5	1355.1	1337.7	1344.7	1365.5	1410.7	1490.6	1525.3
-32.5°	1337.7	1341.2	1362.0	1382.9	1393.3	1407.2	1445.4	1514.9	1580.9	1560.1	1553.1
-35°	1459.3	1448.9	1476.7	1504.5	1542.7	1591.4	1633.0	1619.1	1594.8	1587.9	1594.8
-37.5°	1806.8	1740.8	1713.0	1695.6	1685.2	1678.2	1667.8	1657.4	1646.9	1640.0	1650.4
-40°	1803.3	1785.9	1768.6	1754.7	1744.2	1730.3	1723.4	1719.9	1709.5	1702.5	1695.6
-42.5°	1796.3	1803.3	1803.3	1799.8	1803.3	1799.8	1789.4	1775.5	1758.1	1744.2	1730.3
-45°	1848.5	1851.9	1858.9	1865.8	1876.3	1862.4	1841.5	1817.2	1792.9	1772.0	1754.7
-47.5°	1879.7	1883.2	1890.2	1900.6	1907.5	1893.6	1865.8	1834.6	1796.3	1761.6	1726.9
-50°	1890.2	1900.6	1904.1	1904.1	1900.6	1883.2	1841.5	1796.3	1754.7	1719.9	1688.6
-52.5°	1841.5	1851.9	1855.4	1848.5	1845.0	1827.6	1789.4	1747.7	1702.5	1678.2	1650.4
-55°	1761.6	1775.5	1785.9	1785.9	1785.9	1782.5	1747.7	1709.5	1674.7	1646.9	1619.1
-57.5°	1730.3	1754.7	1775.5	1779.0	1782.5	1785.9	1761.6	1723.4	1681.7	1640.0	1605.2
-60°	1845.0	1865.8	1876.3	1862.4	1851.9	1841.5	1803.3	1758.1	1716.4	1674.7	1608.7
-62.5°	1813.7	1848.5	1865.8	1855.4	1841.5	1824.1	1782.5	1730.3	1681.7	1636.5	1570.5
-65°	1713.0	1744.2	1765.1	1747.7	1726.9	1702.5	1664.3	1615.7	1570.5	1525.3	1466.3
-67.5°	1542.7	1587.9	1622.6	1584.4	1556.6	1525.3	1494.1	1452.4	1407.2	1355.1	1299.5
-70°	1275.2	1309.9	1341.2	1330.8	1323.8	1316.9	1296.0	1254.3	1216.1	1174.4	1125.8
-72.5°	1025.0	1056.3	1084.1	1066.7	1052.8	1031.9	1000.7	955.5	910.3	865.2	820.0
-75°	566.4	576.8	587.2	583.7	583.7	583.7	583.7	587.2	580.3	569.8	549.0
-77.5°	434.3	448.2	458.6	465.6	476.0	489.9	500.3	483.0	465.6	448.2	427.4
-80°	340.5	354.4	364.8	403.0	430.8	462.1	483.0	458.6	434.3	413.5	396.1
-82.5°	257.1	267.5	278.0	298.8	312.7	330.1	344.0	344.0	340.5	337.0	326.6
-85°	187.6	201.5	215.4	222.4	232.8	232.8	236.3	222.4	208.5	198.1	184.2
-87.5°	107.7	111.2	111.2	111.2	114.7	114.7	114.7	107.7	104.2	97.3	93.8
-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: P723737

CATALOG NUMBER: IFLD-M-SA4C-740-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°	3.5	3.5	3.5	6.9	6.9	10.4	10.4	13.9	13.9	17.4	17.4
85°	20.8	20.8	20.8	24.3	24.3	27.8	31.3	34.7	38.2	38.2	41.7
82.5°	34.7	38.2	41.7	45.2	48.6	52.1	55.6	59.1	69.5	76.4	79.9
80°	34.7	38.2	48.6	55.6	62.5	69.5	69.5	69.5	69.5	73.0	79.9
77.5°	24.3	27.8	31.3	38.2	55.6	69.5	79.9	86.9	79.9	76.4	69.5
75°	13.9	17.4	20.8	24.3	34.7	48.6	66.0	83.4	97.3	93.8	86.9
72.5°	13.9	13.9	17.4	20.8	24.3	27.8	31.3	48.6	69.5	86.9	97.3
70°	13.9	17.4	17.4	20.8	24.3	27.8	31.3	38.2	48.6	69.5	90.3
67.5°	13.9	17.4	17.4	24.3	31.3	34.7	38.2	34.7	31.3	45.2	66.0
65°	13.9	13.9	17.4	20.8	24.3	27.8	38.2	38.2	34.7	34.7	34.7
62.5°	20.8	20.8	20.8	20.8	24.3	24.3	24.3	31.3	31.3	31.3	31.3
60°	41.7	38.2	38.2	38.2	38.2	31.3	31.3	31.3	27.8	31.3	27.8
57.5°	100.8	83.4	76.4	76.4	66.0	62.5	52.1	38.2	38.2	31.3	31.3
55°	205.0	194.6	163.3	135.5	121.6	107.7	83.4	69.5	52.1	41.7	38.2
52.5°	316.2	288.4	260.6	225.8	191.1	163.3	139.0	107.7	86.9	62.5	48.6
50°	413.5	389.2	357.9	319.7	274.5	239.7	205.0	163.3	128.6	97.3	69.5
47.5°	562.9	514.2	476.0	430.8	378.7	330.1	284.9	236.3	180.7	142.5	107.7
45°	722.7	653.2	601.1	559.4	489.9	423.9	371.8	319.7	253.6	187.6	145.9
42.5°	833.9	781.8	712.3	656.7	594.2	524.7	455.2	399.6	330.1	253.6	187.6
40°	893.0	858.2	802.6	754.0	688.0	611.5	538.6	483.0	410.0	326.6	236.3
37.5°	938.1	920.8	893.0	854.7	792.2	701.9	628.9	562.9	500.3	403.0	305.8
35°	990.3	986.8	969.4	952.0	899.9	813.0	726.2	649.7	573.3	483.0	375.3
32.5°	1038.9	1035.4	1025.0	1018.0	997.2	920.8	826.9	740.1	653.2	559.4	441.3
30°	1063.2	1056.3	1056.3	1063.2	1042.4	993.7	924.2	830.4	733.1	621.9	510.8
27.5°	1063.2	1056.3	1059.7	1070.2	1066.7	1042.4	990.3	913.8	806.1	681.0	573.3
25°	1018.0	1052.8	1052.8	1066.7	1070.2	1063.2	1035.4	986.8	875.6	743.6	621.9
22.5°	955.5	1038.9	1070.2	1066.7	1070.2	1087.5	1091.0	1045.8	941.6	806.1	670.6
20°	955.5	1014.6	1104.9	1080.6	1087.5	1125.8	1143.1	1104.9	1011.1	865.2	719.2
17.5°	976.4	1014.6	1091.0	1129.2	1139.7	1170.9	1198.7	1174.4	1073.6	927.7	785.3
15°	1035.4	1028.5	1080.6	1174.4	1191.8	1216.1	1247.4	1219.6	1129.2	997.2	847.8
12.5°	1077.1	1038.9	1080.6	1181.4	1236.9	1261.3	1271.7	1250.8	1177.9	1059.7	910.3
10°	1132.7	1066.7	1087.5	1174.4	1254.3	1271.7	1282.1	1275.2	1223.0	1111.9	965.9
7.5°	1174.4	1080.6	1080.6	1164.0	1271.7	1285.6	1292.5	1299.5	1261.3	1157.0	1014.6
5°	1191.8	1080.6	1073.6	1153.6	1289.1	1303.0	1303.0	1313.4	1289.1	1191.8	1049.3
2.5°	1195.3	1077.1	1066.7	1146.6	1320.3	1320.3	1313.4	1323.8	1309.9	1212.6	1073.6
0°	1212.6	1073.6	1063.2	1157.0	1355.1	1341.2	1323.8	1327.3	1320.3	1223.0	1087.5
-2.5°	1212.6	1091.0	1077.1	1164.0	1351.6	1348.1	1341.2	1344.7	1337.7	1254.3	1115.3
-5°	1230.0	1115.3	1101.4	1195.3	1348.1	1358.6	1362.0	1362.0	1351.6	1275.2	1132.7
-7.5°	1233.5	1132.7	1129.2	1226.5	1355.1	1372.5	1382.9	1389.8	1369.0	1289.1	1146.6
-10°	1216.1	1139.7	1157.0	1264.7	1362.0	1386.4	1407.2	1417.6	1382.9	1296.0	1153.6
-12.5°	1177.9	1139.7	1184.8	1313.4	1379.4	1407.2	1438.5	1441.9	1396.8	1299.5	1157.0
-15°	1174.4	1167.5	1233.5	1362.0	1389.8	1424.6	1473.2	1462.8	1407.2	1299.5	1157.0
-17.5°	1170.9	1205.7	1306.4	1379.4	1407.2	1445.4	1483.6	1473.2	1414.1	1299.5	1150.1
-20°	1202.2	1268.2	1393.3	1396.8	1428.0	1469.7	1490.6	1469.7	1403.7	1289.1	1139.7

REPORT NUMBER: P723737

CATALOG NUMBER: IFLD-M-SA4C-740-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°	1254.3	1379.4	1421.1	1435.0	1462.8	1494.1	1504.5	1473.2	1393.3	1271.7	1122.3
-25°	1386.4	1448.9	1448.9	1480.2	1508.0	1521.9	1511.4	1476.7	1379.4	1254.3	1104.9
-27.5°	1487.1	1483.6	1501.0	1532.3	1556.6	1556.6	1528.8	1459.3	1358.6	1236.9	1080.6
-30°	1525.3	1528.8	1553.1	1587.9	1594.8	1577.5	1535.8	1445.4	1341.2	1209.1	1049.3
-32.5°	1563.6	1577.5	1608.7	1626.1	1629.6	1594.8	1518.4	1421.1	1313.4	1177.9	1014.6
-35°	1608.7	1636.5	1653.9	1657.4	1640.0	1580.9	1494.1	1389.8	1271.7	1132.7	983.3
-37.5°	1667.8	1681.7	1692.1	1678.2	1629.6	1560.1	1452.4	1348.1	1233.5	1084.1	938.1
-40°	1706.0	1713.0	1716.4	1671.3	1612.2	1511.4	1407.2	1299.5	1167.5	1028.5	889.5
-42.5°	1730.3	1723.4	1695.6	1646.9	1560.1	1462.8	1362.0	1240.4	1108.4	972.9	837.4
-45°	1723.4	1699.1	1657.4	1598.3	1508.0	1410.7	1292.5	1170.9	1045.8	913.8	778.3
-47.5°	1695.6	1657.4	1605.2	1535.8	1452.4	1334.2	1216.1	1098.0	976.4	847.8	722.7
-50°	1660.8	1615.7	1553.1	1466.3	1355.1	1247.4	1139.7	1025.0	899.9	781.8	670.6
-52.5°	1622.6	1574.0	1494.1	1396.8	1275.2	1164.0	1059.7	948.6	833.9	722.7	625.4
-55°	1580.9	1532.3	1441.9	1330.8	1209.1	1087.5	986.8	893.0	781.8	674.1	587.2
-57.5°	1560.1	1497.5	1403.7	1292.5	1164.0	1038.9	952.0	851.3	750.5	639.3	555.9
-60°	1542.7	1480.2	1393.3	1264.7	1143.1	1025.0	924.2	826.9	719.2	615.0	531.6
-62.5°	1494.1	1428.0	1348.1	1223.0	1104.9	997.2	906.9	792.2	688.0	590.7	514.2
-65°	1396.8	1327.3	1257.8	1146.6	1038.9	938.1	847.8	743.6	646.3	562.9	496.9
-67.5°	1243.9	1184.8	1122.3	1028.5	938.1	847.8	764.4	674.1	594.2	535.1	500.3
-70°	1073.6	1011.1	948.6	872.1	795.7	722.7	656.7	590.7	538.6	507.3	479.5
-72.5°	781.8	754.0	722.7	663.6	601.1	555.9	524.7	496.9	458.6	430.8	413.5
-75°	521.2	483.0	434.3	413.5	416.9	410.0	392.6	371.8	354.4	344.0	319.7
-77.5°	406.5	385.7	361.4	337.0	326.6	316.2	302.3	284.9	271.0	246.7	211.9
-80°	375.3	357.9	340.5	323.1	305.8	281.4	253.6	225.8	211.9	201.5	198.1
-82.5°	309.2	288.4	267.5	250.2	225.8	208.5	191.1	177.2	177.2	173.7	170.3
-85°	177.2	170.3	159.8	152.9	145.9	135.5	125.1	118.1	114.7	111.2	107.7
-87.5°	90.3	86.9	79.9	76.4	73.0	69.5	62.5	59.1	55.6	55.6	52.1
-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: P723737

CATALOG NUMBER: IFLD-M-SA4C-740-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°	17.4	17.4	13.9	13.9	13.9	10.4	6.9	6.9	3.5	3.5	0.0
85°	41.7	34.7	31.3	27.8	27.8	20.8	13.9	10.4	6.9	3.5	3.5
82.5°	79.9	69.5	59.1	52.1	41.7	31.3	24.3	17.4	10.4	6.9	3.5
80°	90.3	90.3	86.9	73.0	59.1	45.2	31.3	20.8	13.9	10.4	6.9
77.5°	69.5	76.4	76.4	76.4	73.0	55.6	38.2	24.3	13.9	10.4	6.9
75°	79.9	69.5	66.0	69.5	66.0	55.6	45.2	27.8	17.4	13.9	6.9
72.5°	97.3	83.4	73.0	69.5	62.5	52.1	41.7	31.3	17.4	13.9	10.4
70°	90.3	86.9	79.9	73.0	62.5	52.1	41.7	31.3	20.8	13.9	10.4
67.5°	79.9	79.9	79.9	73.0	62.5	48.6	38.2	27.8	20.8	13.9	10.4
65°	55.6	66.0	73.0	69.5	62.5	48.6	38.2	27.8	20.8	17.4	10.4
62.5°	34.7	45.2	59.1	66.0	59.1	48.6	34.7	27.8	20.8	17.4	10.4
60°	31.3	34.7	41.7	52.1	55.6	45.2	34.7	24.3	20.8	17.4	10.4
57.5°	31.3	31.3	34.7	41.7	45.2	41.7	31.3	20.8	20.8	17.4	13.9
55°	34.7	31.3	31.3	34.7	38.2	38.2	31.3	20.8	20.8	17.4	13.9
52.5°	41.7	34.7	31.3	31.3	31.3	34.7	27.8	20.8	20.8	17.4	13.9
50°	52.1	41.7	38.2	31.3	31.3	31.3	27.8	20.8	17.4	17.4	13.9
47.5°	69.5	55.6	41.7	38.2	31.3	27.8	24.3	20.8	17.4	17.4	13.9
45°	104.2	66.0	55.6	41.7	34.7	31.3	27.8	20.8	17.4	17.4	13.9
42.5°	142.5	97.3	69.5	48.6	38.2	31.3	27.8	24.3	17.4	17.4	13.9
40°	180.7	132.0	86.9	62.5	45.2	34.7	27.8	24.3	20.8	17.4	13.9
37.5°	222.4	163.3	114.7	79.9	52.1	38.2	31.3	24.3	20.8	17.4	13.9
35°	274.5	205.0	142.5	97.3	62.5	45.2	34.7	24.3	20.8	17.4	13.9
32.5°	333.6	243.2	170.3	118.1	79.9	55.6	38.2	27.8	20.8	17.4	13.9
30°	389.2	288.4	201.5	142.5	97.3	62.5	41.7	27.8	20.8	17.4	10.4
27.5°	444.7	333.6	239.7	166.8	118.1	73.0	45.2	31.3	20.8	17.4	13.9
25°	500.3	378.7	278.0	191.1	135.5	86.9	55.6	34.7	20.8	17.4	13.9
22.5°	549.0	423.9	312.7	218.9	156.4	100.8	62.5	38.2	24.3	17.4	13.9
20°	604.6	472.5	350.9	250.2	173.7	114.7	69.5	41.7	24.3	17.4	13.9
17.5°	656.7	521.2	389.2	278.0	194.6	128.6	79.9	45.2	27.8	17.4	13.9
15°	708.8	566.4	423.9	305.8	215.4	142.5	86.9	48.6	31.3	17.4	13.9
12.5°	757.5	608.0	455.2	330.1	232.8	156.4	93.8	52.1	34.7	17.4	13.9
10°	802.6	646.3	486.4	350.9	250.2	166.8	100.8	59.1	38.2	17.4	13.9
7.5°	847.8	677.5	510.8	371.8	271.0	180.7	107.7	62.5	41.7	20.8	13.9
5°	875.6	705.3	531.6	389.2	288.4	194.6	114.7	66.0	45.2	20.8	13.9
2.5°	899.9	726.2	545.5	406.5	305.8	205.0	114.7	69.5	48.6	20.8	13.9
0°	913.8	740.1	555.9	416.9	319.7	211.9	118.1	73.0	52.1	20.8	13.9
-2.5°	945.1	764.4	580.3	430.8	333.6	232.8	125.1	76.4	55.6	24.3	13.9
-5°	965.9	778.3	597.6	444.7	344.0	253.6	135.5	83.4	62.5	31.3	17.4
-7.5°	983.3	792.2	611.5	451.7	354.4	260.6	139.0	86.9	66.0	34.7	17.4
-10°	986.8	799.1	621.9	462.1	361.4	271.0	142.5	90.3	69.5	38.2	17.4
-12.5°	990.3	806.1	625.4	469.1	368.3	278.0	145.9	93.8	73.0	41.7	17.4
-15°	986.8	802.6	625.4	476.0	371.8	271.0	152.9	97.3	76.4	45.2	17.4
-17.5°	979.8	799.1	621.9	472.5	368.3	264.1	156.4	104.2	76.4	48.6	20.8
-20°	969.4	788.7	615.0	469.1	364.8	257.1	159.8	107.7	79.9	48.6	20.8

REPORT NUMBER: P723737

CATALOG NUMBER: IFLD-M-SA4C-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	952.0	771.4	601.1	458.6	357.9	250.2	159.8	114.7	83.4	48.6	20.8
-25°	931.2	754.0	587.2	444.7	347.5	239.7	159.8	118.1	86.9	48.6	20.8
-27.5°	906.9	736.6	566.4	434.3	333.6	232.8	159.8	121.6	90.3	48.6	20.8
-30°	879.1	712.3	549.0	416.9	323.1	232.8	163.3	125.1	93.8	48.6	20.8
-32.5°	851.3	688.0	528.1	403.0	309.2	229.3	163.3	128.6	97.3	45.2	24.3
-35°	820.0	660.2	510.8	392.6	298.8	222.4	166.8	128.6	93.8	45.2	24.3
-37.5°	781.8	625.4	493.4	382.2	291.9	215.4	166.8	132.0	90.3	45.2	24.3
-40°	740.1	597.6	472.5	368.3	281.4	211.9	166.8	132.0	86.9	45.2	27.8
-42.5°	694.9	566.4	451.7	354.4	271.0	208.5	166.8	132.0	83.4	45.2	27.8
-45°	653.2	535.1	427.4	337.0	260.6	208.5	166.8	128.6	76.4	48.6	27.8
-47.5°	608.0	500.3	399.6	319.7	257.1	205.0	163.3	121.6	69.5	48.6	27.8
-50°	569.8	465.6	378.7	302.3	250.2	208.5	166.8	111.2	69.5	48.6	27.8
-52.5°	531.6	441.3	354.4	295.3	243.2	211.9	163.3	104.2	69.5	48.6	27.8
-55°	500.3	416.9	340.5	284.9	250.2	218.9	156.4	93.8	69.5	48.6	27.8
-57.5°	476.0	403.0	330.1	288.4	260.6	211.9	145.9	90.3	69.5	45.2	27.8
-60°	458.6	389.2	333.6	302.3	264.1	201.5	139.0	90.3	69.5	45.2	24.3
-62.5°	444.7	392.6	350.9	312.7	250.2	187.6	132.0	90.3	62.5	41.7	24.3
-65°	448.2	406.5	357.9	298.8	239.7	173.7	121.6	86.9	59.1	38.2	24.3
-67.5°	458.6	396.1	337.0	281.4	215.4	156.4	111.2	79.9	55.6	38.2	24.3
-70°	423.9	364.8	305.8	239.7	184.2	135.5	104.2	73.0	48.6	34.7	24.3
-72.5°	382.2	305.8	243.2	194.6	156.4	125.1	93.8	66.0	45.2	31.3	20.8
-75°	278.0	222.4	180.7	163.3	139.0	111.2	83.4	59.1	41.7	31.3	20.8
-77.5°	198.1	184.2	166.8	149.4	125.1	97.3	73.0	55.6	38.2	27.8	17.4
-80°	194.6	177.2	156.4	128.6	104.2	83.4	62.5	48.6	34.7	24.3	13.9
-82.5°	163.3	139.0	118.1	97.3	79.9	66.0	52.1	38.2	27.8	17.4	10.4
-85°	100.8	86.9	76.4	66.0	55.6	45.2	34.7	24.3	17.4	10.4	6.9
-87.5°	48.6	45.2	38.2	31.3	27.8	20.8	17.4	13.9	10.4	6.9	3.5
-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: P723737

CATALOG NUMBER: IFLD-M-SA4C-740-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°	3.5	0.0	0.0	0.0
80°	3.5	0.0	0.0	0.0
77.5°	3.5	0.0	0.0	0.0
75°	3.5	3.5	0.0	0.0
72.5°	3.5	3.5	0.0	0.0
70°	6.9	3.5	3.5	0.0
67.5°	6.9	3.5	3.5	0.0
65°	6.9	3.5	3.5	0.0
62.5°	6.9	3.5	3.5	0.0
60°	6.9	3.5	3.5	0.0
57.5°	6.9	3.5	3.5	0.0
55°	6.9	3.5	3.5	0.0
52.5°	6.9	3.5	3.5	0.0
50°	6.9	3.5	3.5	0.0
47.5°	6.9	6.9	3.5	0.0
45°	6.9	6.9	3.5	0.0
42.5°	6.9	6.9	3.5	0.0
40°	6.9	6.9	3.5	0.0
37.5°	6.9	6.9	3.5	0.0
35°	6.9	6.9	3.5	0.0
32.5°	10.4	6.9	3.5	0.0
30°	10.4	6.9	6.9	0.0
27.5°	10.4	6.9	6.9	0.0
25°	10.4	6.9	6.9	0.0
22.5°	10.4	6.9	6.9	0.0
20°	10.4	6.9	6.9	0.0
17.5°	10.4	6.9	6.9	0.0
15°	10.4	6.9	6.9	0.0
12.5°	10.4	6.9	6.9	0.0
10°	10.4	6.9	6.9	0.0
7.5°	10.4	6.9	6.9	0.0
5°	10.4	6.9	6.9	0.0
2.5°	10.4	6.9	6.9	0.0
0°	10.4	6.9	6.9	0.0
-2.5°	10.4	6.9	6.9	0.0
-5°	10.4	6.9	6.9	0.0
-7.5°	10.4	6.9	6.9	0.0
-10°	10.4	6.9	6.9	0.0
-12.5°	13.9	6.9	6.9	0.0
-15°	13.9	6.9	6.9	0.0
-17.5°	13.9	6.9	6.9	0.0
-20°	13.9	6.9	6.9	0.0

REPORT NUMBER: P723737

CATALOG NUMBER: IFLD-M-SA4C-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.9	6.9	6.9	0.0
-25°	13.9	6.9	6.9	0.0
-27.5°	13.9	6.9	6.9	0.0
-30°	13.9	6.9	6.9	0.0
-32.5°	13.9	6.9	6.9	0.0
-35°	13.9	6.9	6.9	0.0
-37.5°	13.9	6.9	6.9	0.0
-40°	13.9	6.9	6.9	0.0
-42.5°	10.4	6.9	3.5	0.0
-45°	13.9	6.9	3.5	0.0
-47.5°	13.9	6.9	3.5	0.0
-50°	13.9	6.9	3.5	0.0
-52.5°	13.9	6.9	3.5	0.0
-55°	13.9	6.9	3.5	0.0
-57.5°	13.9	6.9	3.5	0.0
-60°	13.9	6.9	3.5	0.0
-62.5°	13.9	6.9	3.5	0.0
-65°	13.9	6.9	3.5	0.0
-67.5°	13.9	6.9	3.5	0.0
-70°	13.9	3.5	3.5	0.0
-72.5°	10.4	3.5	3.5	0.0
-75°	10.4	3.5	3.5	0.0
-77.5°	6.9	3.5	0.0	0.0
-80°	6.9	3.5	0.0	0.0
-82.5°	6.9	3.5	0.0	0.0
-85°	3.5	0.0	0.0	0.0
-87.5°	3.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)