

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: P723689

Luminaire Tested: **IFLD-L-SA8C-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723689
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	24423.1 lumens	Max Intensity:	574590.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	58.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	8856.8 lumens	Field Lumens:	14119.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

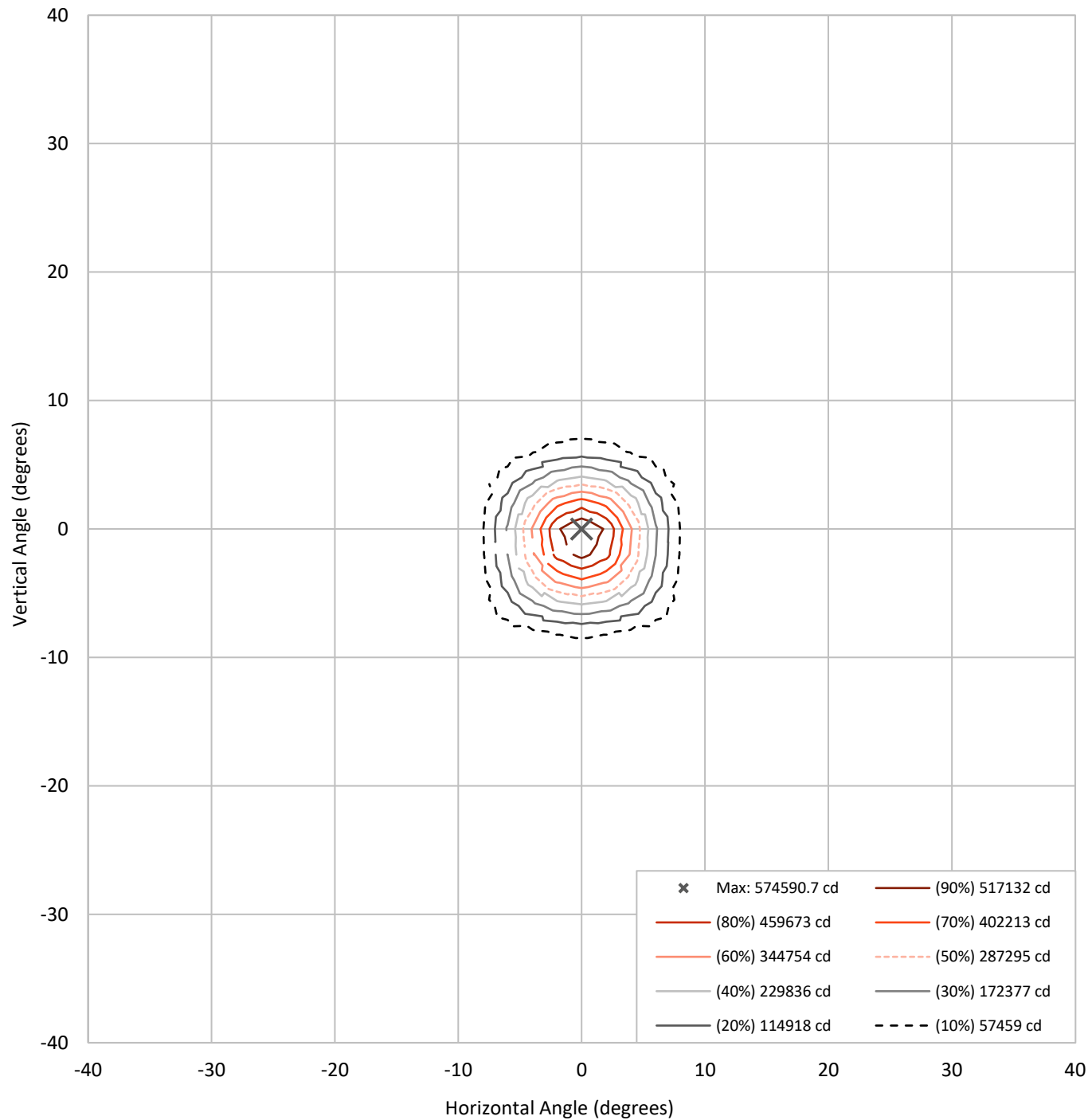
Input Watts (W): 420.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P723689
CATALOG NUMBER: IFLD-L-SA8C-730-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723689

CATALOG NUMBER: IFLD-L-SA8C-730-U-11-VI

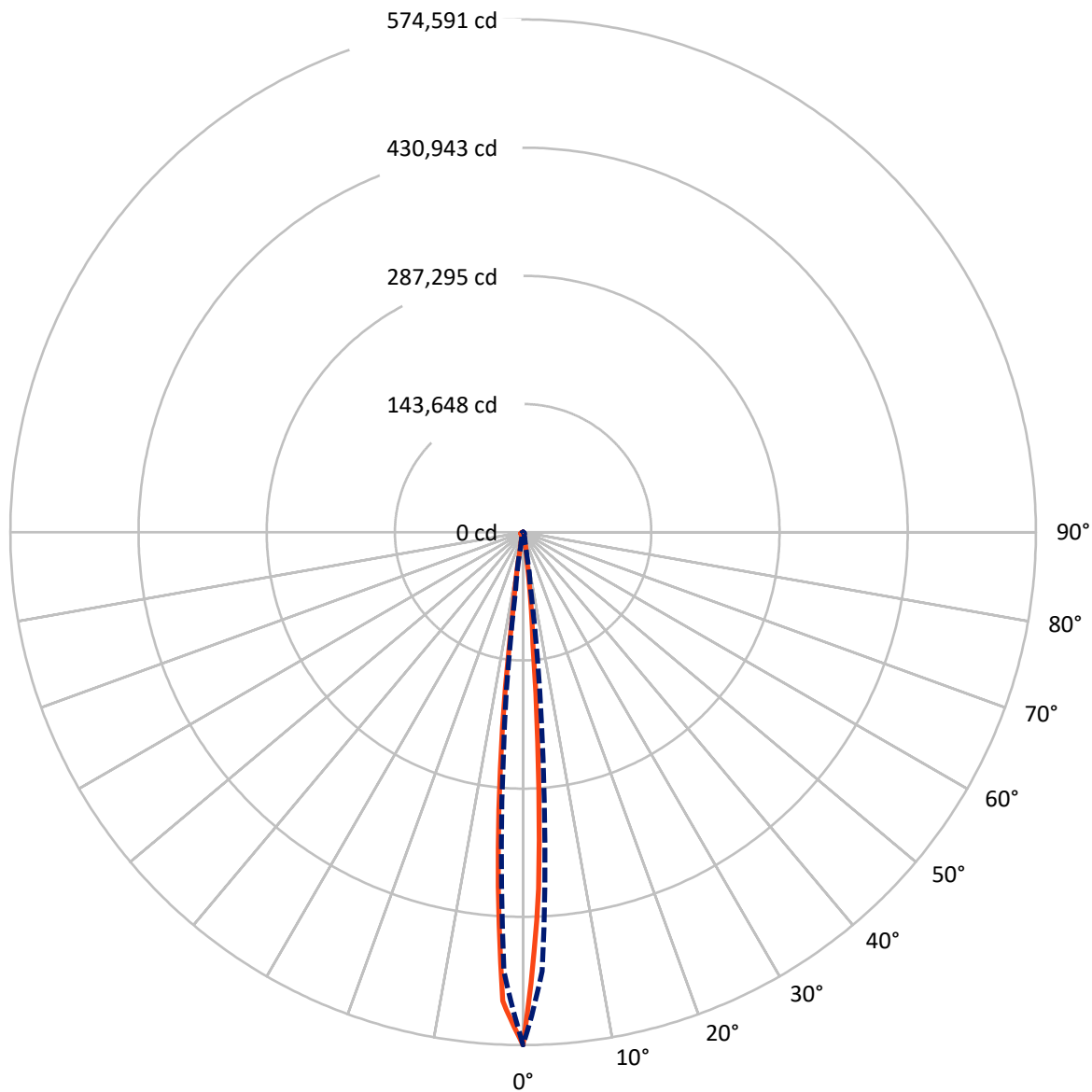
Lumen Table

90																			
80	0.4	5.4		5.9		2.3		0.6		2.3		5.9		5.4		0.4			
70																			
60	0.6	1.2	1.6	1.2	1.0	0.8	0.6	0.3	0.3	0.6	0.8	1.0	1.2	1.6	1.2	0.6			
50		0.8	1.1	2.9	6.3	10.3	13.2	15.2	15.2	13.2	10.3	6.3	2.9	1.1	0.8				
40	0.6	0.8	3.3	11.1	21.9	32.0	38.6	42.7	42.7	38.6	32.0	21.9	11.1	3.3	0.8	0.6			
30		1.6	8.5	22.8	37.1	43.6	47.1	48.8	48.8	47.1	43.6	37.1	22.8	8.5	1.6				
20	1.0	3.2	14.5	33.3	43.0	44.3	52.3	63.0	63.0	52.3	44.3	43.0	33.3	14.5	3.2	1.0			
10		5.0	20.3	40.8	45.9	51.8	91.0	155.0	155.0	91.0	51.8	45.9	40.8	20.3	5.0				
0	1.6	6.4	24.9	44.9	47.6	63.9	173.0	3206.2	3206.2	173.0	63.9	47.6	44.9	24.9	6.4	1.6			
-10		7.5	27.3	47.1	49.3	66.1	186.4	4674.9	4674.9	186.4	66.1	49.3	47.1	27.3	7.5				
-20	2.3	8.1	28.0	49.6	53.4	59.6	108.3	208.0	208.0	108.3	59.6	53.4	49.6	28.0	8.1	2.3			
-30		7.6	26.6	50.3	59.9	60.0	70.2	85.6	85.6	70.2	60.0	59.9	50.3	26.6	7.6				
-40	2.6	6.7	23.5	48.1	65.9	71.9	74.8	75.4	75.4	74.8	71.9	65.9	48.1	23.5	6.7	2.6			
-50		5.9	18.9	40.8	63.6	77.3	86.7	90.8	90.8	86.7	77.3	63.6	40.8	18.9	5.9				
-60	2.0	5.4	14.6	31.6	54.2	72.8	84.6	89.5	89.5	84.6	72.8	54.2	31.6	14.6	5.4	2.0			
-70		5.0	12.8	25.8	45.2	63.7	77.1	83.3	83.3	77.1	63.7	45.2	25.8	12.8	5.0				
-80	0.9	15.1		45.0		83.3		92.0		83.3		45.0		15.1		0.9			
-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: P723689

CATALOG NUMBER: IFLD-L-SA8C-730-U-11-VI

Luminous Intensity Polar Plot



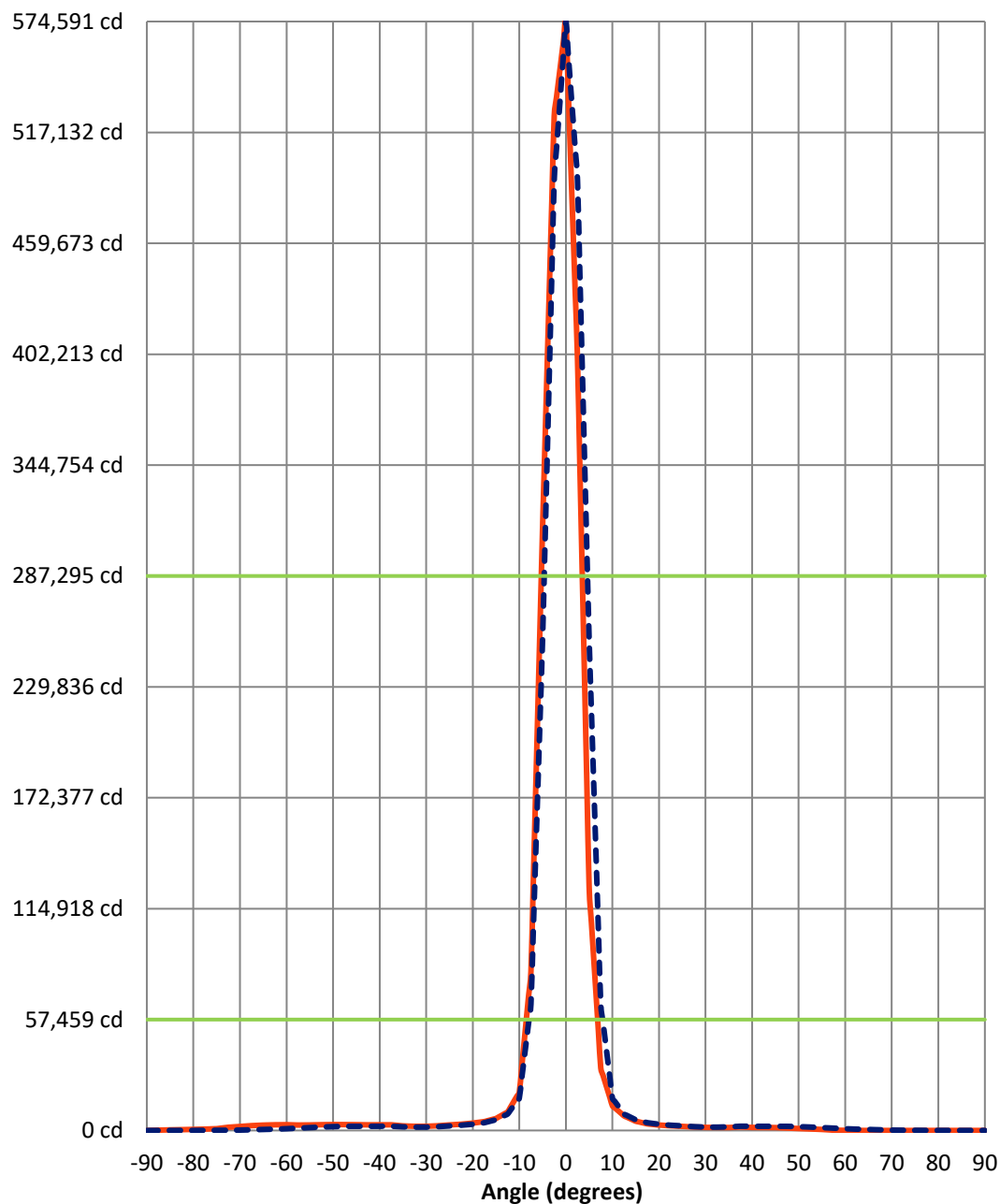
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723689

CATALOG NUMBER: IFLD-L-SA8C-730-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 8856.8

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 14119.5

Efficiency: 57.8%

Spill:

Lumens: 10303.6

Efficiency: 42.2%

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

REPORT NUMBER: P723689

CATALOG NUMBER: IFLD-L-SA8C-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	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
85°	0.0	5.6	5.6	11.3	11.3	11.3	16.9	22.6	28.2	28.2	33.8
82.5°	0.0	5.6	5.6	11.3	11.3	16.9	16.9	28.2	33.8	39.5	50.7
80°	5.6	5.6	5.6	11.3	11.3	16.9	16.9	22.6	28.2	39.5	45.1
77.5°	0.0	5.6	5.6	5.6	11.3	11.3	11.3	16.9	22.6	28.2	33.8
75°	0.0	5.6	5.6	5.6	11.3	11.3	11.3	11.3	16.9	16.9	22.6
72.5°	0.0	0.0	0.0	5.6	5.6	11.3	11.3	11.3	16.9	16.9	16.9
70°	0.0	0.0	0.0	5.6	5.6	11.3	11.3	11.3	16.9	16.9	16.9
67.5°	0.0	0.0	0.0	5.6	5.6	11.3	11.3	11.3	16.9	16.9	16.9
65°	0.0	0.0	0.0	5.6	5.6	11.3	11.3	16.9	16.9	16.9	16.9
62.5°	5.6	5.6	5.6	11.3	16.9	16.9	22.6	28.2	28.2	28.2	28.2
60°	56.4	62.0	67.7	67.7	62.0	62.0	67.7	67.7	67.7	67.7	67.7
57.5°	152.2	163.5	169.1	169.1	169.1	163.5	186.1	191.7	169.1	157.9	174.8
55°	530.0	546.9	535.6	518.7	484.9	445.4	434.1	428.5	434.1	405.9	360.8
52.5°	772.4	789.3	783.7	772.4	749.9	721.7	699.1	676.6	654.0	608.9	558.2
50°	1003.6	1009.2	1003.6	992.3	969.7	941.5	896.4	845.7	800.6	789.3	744.2
47.5°	1262.9	1279.8	1279.8	1274.2	1257.3	1206.5	1138.9	1065.6	1031.8	1020.5	975.4
45°	1494.1	1505.3	1511.0	1516.6	1511.0	1460.2	1398.2	1358.8	1285.5	1262.9	1262.9
42.5°	1556.1	1561.7	1567.4	1573.0	1589.9	1550.4	1499.7	1432.1	1415.1	1409.5	1398.2
40°	1578.6	1567.4	1573.0	1578.6	1584.3	1556.1	1516.6	1477.2	1465.9	1454.6	1454.6
37.5°	1792.9	1742.1	1702.7	1668.8	1640.7	1612.5	1573.0	1539.2	1511.0	1488.4	1511.0
35°	1527.9	1527.9	1567.4	1601.2	1635.0	1668.8	1674.5	1635.0	1573.0	1544.8	1584.3
32.5°	1561.7	1561.7	1561.7	1573.0	1584.3	1612.5	1640.7	1657.6	1702.7	1651.9	1651.9
30°	1595.6	1601.2	1612.5	1618.1	1601.2	1589.9	1578.6	1578.6	1606.8	1680.1	1719.6
27.5°	1792.9	1792.9	1776.0	1753.4	1702.7	1623.7	1584.3	1527.9	1533.5	1567.4	1663.2
25°	2114.2	2103.0	2063.5	2007.1	1916.9	1804.2	1697.0	1578.6	1527.9	1511.0	1550.4
22.5°	2418.7	2401.8	2351.0	2300.3	2227.0	2114.2	1933.8	1753.4	1595.6	1527.9	1511.0
20°	2807.7	2768.3	2711.9	2632.9	2514.5	2401.8	2243.9	2007.1	1776.0	1601.2	1533.5
17.5°	3433.5	3382.8	3275.7	3134.7	2931.8	2757.0	2531.5	2305.9	2046.6	1764.7	1612.5
15°	4803.6	4673.9	4487.8	4098.8	3698.5	3365.9	3027.6	2649.9	2384.9	2012.8	1781.6
12.5°	7554.9	7199.7	6658.5	5750.8	4854.3	4081.9	3535.0	3050.2	2621.7	2277.8	1950.7
10°	12787.0	12025.8	10531.8	8051.1	6399.1	4978.4	3997.3	3349.0	2807.7	2452.5	2091.7
7.5°	32339.5	26380.2	18667.4	12747.5	8372.4	6083.4	4572.4	3630.9	3005.1	2565.3	2204.5
5°	126043.0	103829.3	55387.7	23115.8	12595.3	7357.6	5091.1	3856.4	3134.7	2649.9	2289.0
2.5°	400021.4	345445.6	181239.0	49760.9	15465.0	8287.9	5446.3	3997.3	3208.0	2711.9	2351.0
0°	574590.7	492445.1	254358.2	65445.9	16773.0	8524.6	5559.1	4025.5	3219.3	2723.2	2351.0
-2.5°	525652.9	460049.2	245709.5	60901.6	17139.5	8592.3	5649.3	4121.4	3303.9	2773.9	2368.0
-5°	312339.3	273967.1	171400.7	43423.8	15228.2	7977.8	5412.5	4036.8	3247.5	2745.7	2356.7
-7.5°	82292.2	71241.7	46863.0	22659.1	9855.2	6748.7	4972.7	3895.9	3174.2	2695.0	2311.6
-10°	19840.1	18802.7	16795.6	10295.0	7673.3	5638.0	4408.9	3642.1	3027.6	2627.3	2238.3
-12.5°	9567.7	9342.2	8479.5	6991.1	5694.4	4685.2	3991.7	3377.2	2892.3	2508.9	2136.8
-15°	6224.3	6094.7	5801.5	5232.1	4572.4	4087.5	3602.7	3106.5	2723.2	2334.1	2052.2
-17.5°	4606.2	4600.6	4454.0	4239.8	3912.8	3551.9	3196.7	2881.0	2508.9	2176.3	1962.0
-20°	3816.9	3816.9	3732.4	3591.4	3360.2	3123.4	2886.7	2593.5	2289.0	2041.0	1950.7

REPORT NUMBER: P723689

CATALOG NUMBER: IFLD-L-SA8C-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°	3241.8	3247.5	3202.4	3112.2	2988.1	2790.8	2559.6	2322.9	2103.0	2012.8	1984.6
-25°	2869.7	2858.5	2807.7	2723.2	2593.5	2435.6	2283.4	2125.5	2063.5	2041.0	2080.4
-27.5°	2430.0	2446.9	2424.3	2384.9	2300.3	2187.5	2153.7	2108.6	2119.9	2153.7	2305.9
-30°	2170.6	2187.5	2210.1	2227.0	2198.8	2170.6	2181.9	2215.7	2289.0	2418.7	2475.1
-32.5°	2170.6	2176.3	2210.1	2243.9	2260.8	2283.4	2345.4	2458.2	2565.3	2531.5	2520.2
-35°	2368.0	2351.0	2396.1	2441.3	2503.3	2582.2	2649.9	2627.3	2587.8	2576.6	2587.8
-37.5°	2931.8	2824.6	2779.5	2751.3	2734.4	2723.2	2706.2	2689.3	2672.4	2661.1	2678.0
-40°	2926.1	2897.9	2869.7	2847.2	2830.3	2807.7	2796.4	2790.8	2773.9	2762.6	2751.3
-42.5°	2914.8	2926.1	2926.1	2920.5	2926.1	2920.5	2903.6	2881.0	2852.8	2830.3	2807.7
-45°	2999.4	3005.1	3016.3	3027.6	3044.5	3022.0	2988.1	2948.7	2909.2	2875.4	2847.2
-47.5°	3050.2	3055.8	3067.1	3084.0	3095.3	3072.7	3027.6	2976.9	2914.8	2858.5	2802.1
-50°	3067.1	3084.0	3089.6	3089.6	3084.0	3055.8	2988.1	2914.8	2847.2	2790.8	2740.1
-52.5°	2988.1	3005.1	3010.7	2999.4	2993.8	2965.6	2903.6	2835.9	2762.6	2723.2	2678.0
-55°	2858.5	2881.0	2897.9	2897.9	2897.9	2892.3	2835.9	2773.9	2717.5	2672.4	2627.3
-57.5°	2807.7	2847.2	2881.0	2886.7	2892.3	2897.9	2858.5	2796.4	2728.8	2661.1	2604.8
-60°	2993.8	3027.6	3044.5	3022.0	3005.1	2988.1	2926.1	2852.8	2785.2	2717.5	2610.4
-62.5°	2943.0	2999.4	3027.6	3010.7	2988.1	2959.9	2892.3	2807.7	2728.8	2655.5	2548.4
-65°	2779.5	2830.3	2864.1	2835.9	2802.1	2762.6	2700.6	2621.7	2548.4	2475.1	2379.2
-67.5°	2503.3	2576.6	2632.9	2570.9	2525.8	2475.1	2424.3	2356.7	2283.4	2198.8	2108.6
-70°	2069.1	2125.5	2176.3	2159.4	2148.1	2136.8	2103.0	2035.3	1973.3	1905.6	1826.7
-72.5°	1663.2	1714.0	1759.1	1730.9	1708.3	1674.5	1623.7	1550.4	1477.2	1403.9	1330.6
-75°	919.0	935.9	952.8	947.2	947.2	947.2	947.2	952.8	941.5	924.6	890.8
-77.5°	704.7	727.3	744.2	755.5	772.4	795.0	811.9	783.7	755.5	727.3	693.5
-80°	552.5	575.1	592.0	654.0	699.1	749.9	783.7	744.2	704.7	670.9	642.7
-82.5°	417.2	434.1	451.0	484.9	507.4	535.6	558.2	558.2	552.5	546.9	530.0
-85°	304.5	327.0	349.6	360.8	377.7	377.7	383.4	360.8	338.3	321.4	298.8
-87.5°	174.8	180.4	180.4	180.4	186.1	186.1	186.1	174.8	169.1	157.9	152.2
-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: P723689

CATALOG NUMBER: IFLD-L-SA8C-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°	5.6	5.6	5.6	11.3	11.3	16.9	16.9	22.6	22.6	28.2	28.2
85°	33.8	33.8	33.8	39.5	39.5	45.1	50.7	56.4	62.0	62.0	67.7
82.5°	56.4	62.0	67.7	73.3	78.9	84.6	90.2	95.8	112.8	124.0	129.7
80°	56.4	62.0	78.9	90.2	101.5	112.8	112.8	112.8	112.8	118.4	129.7
77.5°	39.5	45.1	50.7	62.0	90.2	112.8	129.7	140.9	129.7	124.0	112.8
75°	22.6	28.2	33.8	39.5	56.4	78.9	107.1	135.3	157.9	152.2	140.9
72.5°	22.6	22.6	28.2	33.8	39.5	45.1	50.7	78.9	112.8	140.9	157.9
70°	22.6	28.2	28.2	33.8	39.5	45.1	50.7	62.0	78.9	112.8	146.6
67.5°	22.6	28.2	28.2	39.5	50.7	56.4	62.0	56.4	50.7	73.3	107.1
65°	22.6	22.6	28.2	33.8	39.5	45.1	62.0	62.0	56.4	56.4	56.4
62.5°	33.8	33.8	33.8	33.8	39.5	39.5	39.5	50.7	50.7	50.7	50.7
60°	67.7	62.0	62.0	62.0	62.0	50.7	50.7	50.7	45.1	50.7	45.1
57.5°	163.5	135.3	124.0	124.0	107.1	101.5	84.6	62.0	62.0	50.7	50.7
55°	332.6	315.7	265.0	219.9	197.3	174.8	135.3	112.8	84.6	67.7	62.0
52.5°	513.1	468.0	422.8	366.5	310.1	265.0	225.5	174.8	140.9	101.5	78.9
50°	670.9	631.5	580.7	518.7	445.4	389.0	332.6	265.0	208.6	157.9	112.8
47.5°	913.4	834.4	772.4	699.1	614.5	535.6	462.3	383.4	293.2	231.2	174.8
45°	1172.7	1059.9	975.4	907.7	795.0	687.8	603.3	518.7	411.6	304.5	236.8
42.5°	1353.1	1268.5	1155.8	1065.6	964.1	851.3	738.6	648.4	535.6	411.6	304.5
40°	1449.0	1392.6	1302.4	1223.4	1116.3	992.3	873.9	783.7	665.3	530.0	383.4
37.5°	1522.3	1494.1	1449.0	1386.9	1285.5	1138.9	1020.5	913.4	811.9	654.0	496.1
35°	1606.8	1601.2	1573.0	1544.8	1460.2	1319.3	1178.3	1054.3	930.3	783.7	608.9
32.5°	1685.8	1680.1	1663.2	1651.9	1618.1	1494.1	1341.8	1200.9	1059.9	907.7	716.0
30°	1725.2	1714.0	1714.0	1725.2	1691.4	1612.5	1499.7	1347.5	1189.6	1009.2	828.8
27.5°	1725.2	1714.0	1719.6	1736.5	1730.9	1691.4	1606.8	1482.8	1308.0	1105.0	930.3
25°	1651.9	1708.3	1708.3	1730.9	1736.5	1725.2	1680.1	1601.2	1420.8	1206.5	1009.2
22.5°	1550.4	1685.8	1736.5	1730.9	1736.5	1764.7	1770.3	1697.0	1527.9	1308.0	1088.1
20°	1550.4	1646.3	1792.9	1753.4	1764.7	1826.7	1854.9	1792.9	1640.7	1403.9	1167.1
17.5°	1584.3	1646.3	1770.3	1832.3	1849.3	1900.0	1945.1	1905.6	1742.1	1505.3	1274.2
15°	1680.1	1668.8	1753.4	1905.6	1933.8	1973.3	2024.0	1978.9	1832.3	1618.1	1375.7
12.5°	1747.8	1685.8	1753.4	1916.9	2007.1	2046.6	2063.5	2029.7	1911.3	1719.6	1477.2
10°	1838.0	1730.9	1764.7	1905.6	2035.3	2063.5	2080.4	2069.1	1984.6	1804.2	1567.4
7.5°	1905.6	1753.4	1753.4	1888.7	2063.5	2086.1	2097.3	2108.6	2046.6	1877.5	1646.3
5°	1933.8	1753.4	1742.1	1871.8	2091.7	2114.2	2114.2	2131.2	2091.7	1933.8	1702.7
2.5°	1939.5	1747.8	1730.9	1860.5	2142.4	2142.4	2131.2	2148.1	2125.5	1967.7	1742.1
0°	1967.7	1742.1	1725.2	1877.5	2198.8	2176.3	2148.1	2153.7	2142.4	1984.6	1764.7
-2.5°	1967.7	1770.3	1747.8	1888.7	2193.2	2187.5	2176.3	2181.9	2170.6	2035.3	1809.8
-5°	1995.9	1809.8	1787.2	1939.5	2187.5	2204.5	2210.1	2210.1	2193.2	2069.1	1838.0
-7.5°	2001.5	1838.0	1832.3	1990.2	2198.8	2227.0	2243.9	2255.2	2221.4	2091.7	1860.5
-10°	1973.3	1849.3	1877.5	2052.2	2210.1	2249.6	2283.4	2300.3	2243.9	2103.0	1871.8
-12.5°	1911.3	1849.3	1922.6	2131.2	2238.3	2283.4	2334.1	2339.8	2266.5	2108.6	1877.5
-15°	1905.6	1894.4	2001.5	2210.1	2255.2	2311.6	2390.5	2373.6	2283.4	2108.6	1877.5
-17.5°	1900.0	1956.4	2119.9	2238.3	2283.4	2345.4	2407.4	2390.5	2294.7	2108.6	1866.2
-20°	1950.7	2057.9	2260.8	2266.5	2317.2	2384.9	2418.7	2384.9	2277.8	2091.7	1849.3

REPORT NUMBER: P723689

CATALOG NUMBER: IFLD-L-SA8C-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°	2035.3	2238.3	2305.9	2328.5	2373.6	2424.3	2441.3	2390.5	2260.8	2063.5	1821.1
-25°	2249.6	2351.0	2351.0	2401.8	2446.9	2469.4	2452.5	2396.1	2238.3	2035.3	1792.9
-27.5°	2413.1	2407.4	2435.6	2486.4	2525.8	2525.8	2480.7	2368.0	2204.5	2007.1	1753.4
-30°	2475.1	2480.7	2520.2	2576.6	2587.8	2559.6	2492.0	2345.4	2176.3	1962.0	1702.7
-32.5°	2537.1	2559.6	2610.4	2638.6	2644.2	2587.8	2463.8	2305.9	2131.2	1911.3	1646.3
-35°	2610.4	2655.5	2683.7	2689.3	2661.1	2565.3	2424.3	2255.2	2063.5	1838.0	1595.6
-37.5°	2706.2	2728.8	2745.7	2723.2	2644.2	2531.5	2356.7	2187.5	2001.5	1759.1	1522.3
-40°	2768.3	2779.5	2785.2	2711.9	2616.0	2452.5	2283.4	2108.6	1894.4	1668.8	1443.3
-42.5°	2807.7	2796.4	2751.3	2672.4	2531.5	2373.6	2210.1	2012.8	1798.5	1578.6	1358.8
-45°	2796.4	2757.0	2689.3	2593.5	2446.9	2289.0	2097.3	1900.0	1697.0	1482.8	1262.9
-47.5°	2751.3	2689.3	2604.8	2492.0	2356.7	2165.0	1973.3	1781.6	1584.3	1375.7	1172.7
-50°	2695.0	2621.7	2520.2	2379.2	2198.8	2024.0	1849.3	1663.2	1460.2	1268.5	1088.1
-52.5°	2632.9	2554.0	2424.3	2266.5	2069.1	1888.7	1719.6	1539.2	1353.1	1172.7	1014.8
-55°	2565.3	2486.4	2339.8	2159.4	1962.0	1764.7	1601.2	1449.0	1268.5	1093.8	952.8
-57.5°	2531.5	2430.0	2277.8	2097.3	1888.7	1685.8	1544.8	1381.3	1217.8	1037.4	902.1
-60°	2503.3	2401.8	2260.8	2052.2	1854.9	1663.2	1499.7	1341.8	1167.1	997.9	862.6
-62.5°	2424.3	2317.2	2187.5	1984.6	1792.9	1618.1	1471.5	1285.5	1116.3	958.5	834.4
-65°	2266.5	2153.7	2041.0	1860.5	1685.8	1522.3	1375.7	1206.5	1048.7	913.4	806.2
-67.5°	2018.4	1922.6	1821.1	1668.8	1522.3	1375.7	1240.4	1093.8	964.1	868.3	811.9
-70°	1742.1	1640.7	1539.2	1415.1	1291.1	1172.7	1065.6	958.5	873.9	823.1	778.0
-72.5°	1268.5	1223.4	1172.7	1076.9	975.4	902.1	851.3	806.2	744.2	699.1	670.9
-75°	845.7	783.7	704.7	670.9	676.6	665.3	637.1	603.3	575.1	558.2	518.7
-77.5°	659.6	625.8	586.4	546.9	530.0	513.1	490.5	462.3	439.8	400.3	343.9
-80°	608.9	580.7	552.5	524.3	496.1	456.7	411.6	366.5	343.9	327.0	321.4
-82.5°	501.8	468.0	434.1	405.9	366.5	338.3	310.1	287.5	287.5	281.9	276.3
-85°	287.5	276.3	259.3	248.1	236.8	219.9	203.0	191.7	186.1	180.4	174.8
-87.5°	146.6	140.9	129.7	124.0	118.4	112.8	101.5	95.8	90.2	90.2	84.6
-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: P723689

CATALOG NUMBER: IFLD-L-SA8C-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°	28.2	28.2	22.6	22.6	22.6	16.9	11.3	11.3	5.6	5.6	0.0
85°	67.7	56.4	50.7	45.1	45.1	33.8	22.6	16.9	11.3	5.6	5.6
82.5°	129.7	112.8	95.8	84.6	67.7	50.7	39.5	28.2	16.9	11.3	5.6
80°	146.6	146.6	140.9	118.4	95.8	73.3	50.7	33.8	22.6	16.9	11.3
77.5°	112.8	124.0	124.0	124.0	118.4	90.2	62.0	39.5	22.6	16.9	11.3
75°	129.7	112.8	107.1	112.8	107.1	90.2	73.3	45.1	28.2	22.6	11.3
72.5°	157.9	135.3	118.4	112.8	101.5	84.6	67.7	50.7	28.2	22.6	16.9
70°	146.6	140.9	129.7	118.4	101.5	84.6	67.7	50.7	33.8	22.6	16.9
67.5°	129.7	129.7	129.7	118.4	101.5	78.9	62.0	45.1	33.8	22.6	16.9
65°	90.2	107.1	118.4	112.8	101.5	78.9	62.0	45.1	33.8	28.2	16.9
62.5°	56.4	73.3	95.8	107.1	95.8	78.9	56.4	45.1	33.8	28.2	16.9
60°	50.7	56.4	67.7	84.6	90.2	73.3	56.4	39.5	33.8	28.2	16.9
57.5°	50.7	50.7	56.4	67.7	73.3	67.7	50.7	33.8	33.8	28.2	22.6
55°	56.4	50.7	50.7	56.4	62.0	62.0	50.7	33.8	33.8	28.2	22.6
52.5°	67.7	56.4	50.7	50.7	50.7	56.4	45.1	33.8	33.8	28.2	22.6
50°	84.6	67.7	62.0	50.7	50.7	50.7	45.1	33.8	28.2	28.2	22.6
47.5°	112.8	90.2	67.7	62.0	50.7	45.1	39.5	33.8	28.2	28.2	22.6
45°	169.1	107.1	90.2	67.7	56.4	50.7	45.1	33.8	28.2	28.2	22.6
42.5°	231.2	157.9	112.8	78.9	62.0	50.7	45.1	39.5	28.2	28.2	22.6
40°	293.2	214.2	140.9	101.5	73.3	56.4	45.1	39.5	33.8	28.2	22.6
37.5°	360.8	265.0	186.1	129.7	84.6	62.0	50.7	39.5	33.8	28.2	22.6
35°	445.4	332.6	231.2	157.9	101.5	73.3	56.4	39.5	33.8	28.2	22.6
32.5°	541.2	394.7	276.3	191.7	129.7	90.2	62.0	45.1	33.8	28.2	22.6
30°	631.5	468.0	327.0	231.2	157.9	101.5	67.7	45.1	33.8	28.2	16.9
27.5°	721.7	541.2	389.0	270.6	191.7	118.4	73.3	50.7	33.8	28.2	22.6
25°	811.9	614.5	451.0	310.1	219.9	140.9	90.2	56.4	33.8	28.2	22.6
22.5°	890.8	687.8	507.4	355.2	253.7	163.5	101.5	62.0	39.5	28.2	22.6
20°	981.0	766.8	569.4	405.9	281.9	186.1	112.8	67.7	39.5	28.2	22.6
17.5°	1065.6	845.7	631.5	451.0	315.7	208.6	129.7	73.3	45.1	28.2	22.6
15°	1150.2	919.0	687.8	496.1	349.6	231.2	140.9	78.9	50.7	28.2	22.6
12.5°	1229.1	986.6	738.6	535.6	377.7	253.7	152.2	84.6	56.4	28.2	22.6
10°	1302.4	1048.7	789.3	569.4	405.9	270.6	163.5	95.8	62.0	28.2	22.6
7.5°	1375.7	1099.4	828.8	603.3	439.8	293.2	174.8	101.5	67.7	33.8	22.6
5°	1420.8	1144.5	862.6	631.5	468.0	315.7	186.1	107.1	73.3	33.8	22.6
2.5°	1460.2	1178.3	885.2	659.6	496.1	332.6	186.1	112.8	78.9	33.8	22.6
0°	1482.8	1200.9	902.1	676.6	518.7	343.9	191.7	118.4	84.6	33.8	22.6
-2.5°	1533.5	1240.4	941.5	699.1	541.2	377.7	203.0	124.0	90.2	39.5	22.6
-5°	1567.4	1262.9	969.7	721.7	558.2	411.6	219.9	135.3	101.5	50.7	28.2
-7.5°	1595.6	1285.5	992.3	732.9	575.1	422.8	225.5	140.9	107.1	56.4	28.2
-10°	1601.2	1296.7	1009.2	749.9	586.4	439.8	231.2	146.6	112.8	62.0	28.2
-12.5°	1606.8	1308.0	1014.8	761.1	597.6	451.0	236.8	152.2	118.4	67.7	28.2
-15°	1601.2	1302.4	1014.8	772.4	603.3	439.8	248.1	157.9	124.0	73.3	28.2
-17.5°	1589.9	1296.7	1009.2	766.8	597.6	428.5	253.7	169.1	124.0	78.9	33.8
-20°	1573.0	1279.8	997.9	761.1	592.0	417.2	259.3	174.8	129.7	78.9	33.8

REPORT NUMBER: P723689

CATALOG NUMBER: IFLD-L-SA8C-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°	1544.8	1251.6	975.4	744.2	580.7	405.9	259.3	186.1	135.3	78.9	33.8
-25°	1511.0	1223.4	952.8	721.7	563.8	389.0	259.3	191.7	140.9	78.9	33.8
-27.5°	1471.5	1195.3	919.0	704.7	541.2	377.7	259.3	197.3	146.6	78.9	33.8
-30°	1426.4	1155.8	890.8	676.6	524.3	377.7	265.0	203.0	152.2	78.9	33.8
-32.5°	1381.3	1116.3	857.0	654.0	501.8	372.1	265.0	208.6	157.9	73.3	39.5
-35°	1330.6	1071.2	828.8	637.1	484.9	360.8	270.6	208.6	152.2	73.3	39.5
-37.5°	1268.5	1014.8	800.6	620.2	473.6	349.6	270.6	214.2	146.6	73.3	39.5
-40°	1200.9	969.7	766.8	597.6	456.7	343.9	270.6	214.2	140.9	73.3	45.1
-42.5°	1127.6	919.0	732.9	575.1	439.8	338.3	270.6	214.2	135.3	73.3	45.1
-45°	1059.9	868.3	693.5	546.9	422.8	338.3	270.6	208.6	124.0	78.9	45.1
-47.5°	986.6	811.9	648.4	518.7	417.2	332.6	265.0	197.3	112.8	78.9	45.1
-50°	924.6	755.5	614.5	490.5	405.9	338.3	270.6	180.4	112.8	78.9	45.1
-52.5°	862.6	716.0	575.1	479.2	394.7	343.9	265.0	169.1	112.8	78.9	45.1
-55°	811.9	676.6	552.5	462.3	405.9	355.2	253.7	152.2	112.8	78.9	45.1
-57.5°	772.4	654.0	535.6	468.0	422.8	343.9	236.8	146.6	112.8	73.3	45.1
-60°	744.2	631.5	541.2	490.5	428.5	327.0	225.5	146.6	112.8	73.3	39.5
-62.5°	721.7	637.1	569.4	507.4	405.9	304.5	214.2	146.6	101.5	67.7	39.5
-65°	727.3	659.6	580.7	484.9	389.0	281.9	197.3	140.9	95.8	62.0	39.5
-67.5°	744.2	642.7	546.9	456.7	349.6	253.7	180.4	129.7	90.2	62.0	39.5
-70°	687.8	592.0	496.1	389.0	298.8	219.9	169.1	118.4	78.9	56.4	39.5
-72.5°	620.2	496.1	394.7	315.7	253.7	203.0	152.2	107.1	73.3	50.7	33.8
-75°	451.0	360.8	293.2	265.0	225.5	180.4	135.3	95.8	67.7	50.7	33.8
-77.5°	321.4	298.8	270.6	242.4	203.0	157.9	118.4	90.2	62.0	45.1	28.2
-80°	315.7	287.5	253.7	208.6	169.1	135.3	101.5	78.9	56.4	39.5	22.6
-82.5°	265.0	225.5	191.7	157.9	129.7	107.1	84.6	62.0	45.1	28.2	16.9
-85°	163.5	140.9	124.0	107.1	90.2	73.3	56.4	39.5	28.2	16.9	11.3
-87.5°	78.9	73.3	62.0	50.7	45.1	33.8	28.2	22.6	16.9	11.3	5.6
-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: P723689

CATALOG NUMBER: IFLD-L-SA8C-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°	5.6	0.0	0.0	0.0
80°	5.6	0.0	0.0	0.0
77.5°	5.6	0.0	0.0	0.0
75°	5.6	5.6	0.0	0.0
72.5°	5.6	5.6	0.0	0.0
70°	11.3	5.6	5.6	0.0
67.5°	11.3	5.6	5.6	0.0
65°	11.3	5.6	5.6	0.0
62.5°	11.3	5.6	5.6	0.0
60°	11.3	5.6	5.6	0.0
57.5°	11.3	5.6	5.6	0.0
55°	11.3	5.6	5.6	0.0
52.5°	11.3	5.6	5.6	0.0
50°	11.3	5.6	5.6	0.0
47.5°	11.3	11.3	5.6	0.0
45°	11.3	11.3	5.6	0.0
42.5°	11.3	11.3	5.6	0.0
40°	11.3	11.3	5.6	0.0
37.5°	11.3	11.3	5.6	0.0
35°	11.3	11.3	5.6	0.0
32.5°	16.9	11.3	5.6	0.0
30°	16.9	11.3	11.3	0.0
27.5°	16.9	11.3	11.3	0.0
25°	16.9	11.3	11.3	0.0
22.5°	16.9	11.3	11.3	0.0
20°	16.9	11.3	11.3	0.0
17.5°	16.9	11.3	11.3	0.0
15°	16.9	11.3	11.3	0.0
12.5°	16.9	11.3	11.3	0.0
10°	16.9	11.3	11.3	0.0
7.5°	16.9	11.3	11.3	0.0
5°	16.9	11.3	11.3	0.0
2.5°	16.9	11.3	11.3	0.0
0°	16.9	11.3	11.3	0.0
-2.5°	16.9	11.3	11.3	0.0
-5°	16.9	11.3	11.3	0.0
-7.5°	16.9	11.3	11.3	0.0
-10°	16.9	11.3	11.3	0.0
-12.5°	22.6	11.3	11.3	0.0
-15°	22.6	11.3	11.3	0.0
-17.5°	22.6	11.3	11.3	0.0
-20°	22.6	11.3	11.3	0.0

REPORT NUMBER: P723689

CATALOG NUMBER: IFLD-L-SA8C-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.6	11.3	11.3	0.0
-25°	22.6	11.3	11.3	0.0
-27.5°	22.6	11.3	11.3	0.0
-30°	22.6	11.3	11.3	0.0
-32.5°	22.6	11.3	11.3	0.0
-35°	22.6	11.3	11.3	0.0
-37.5°	22.6	11.3	11.3	0.0
-40°	22.6	11.3	11.3	0.0
-42.5°	16.9	11.3	5.6	0.0
-45°	22.6	11.3	5.6	0.0
-47.5°	22.6	11.3	5.6	0.0
-50°	22.6	11.3	5.6	0.0
-52.5°	22.6	11.3	5.6	0.0
-55°	22.6	11.3	5.6	0.0
-57.5°	22.6	11.3	5.6	0.0
-60°	22.6	11.3	5.6	0.0
-62.5°	22.6	11.3	5.6	0.0
-65°	22.6	11.3	5.6	0.0
-67.5°	22.6	11.3	5.6	0.0
-70°	22.6	5.6	5.6	0.0
-72.5°	16.9	5.6	5.6	0.0
-75°	16.9	5.6	5.6	0.0
-77.5°	11.3	5.6	0.0	0.0
-80°	11.3	5.6	0.0	0.0
-82.5°	11.3	5.6	0.0	0.0
-85°	5.6	0.0	0.0	0.0
-87.5°	5.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)