

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: P723805

Luminaire Tested: **IFLD-L-SA8C-760-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723805
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-760-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	27435.2 lumens	Max Intensity:	645452.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	65.3 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:	9949.1 lumens	Field Lumens:	15860.8 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

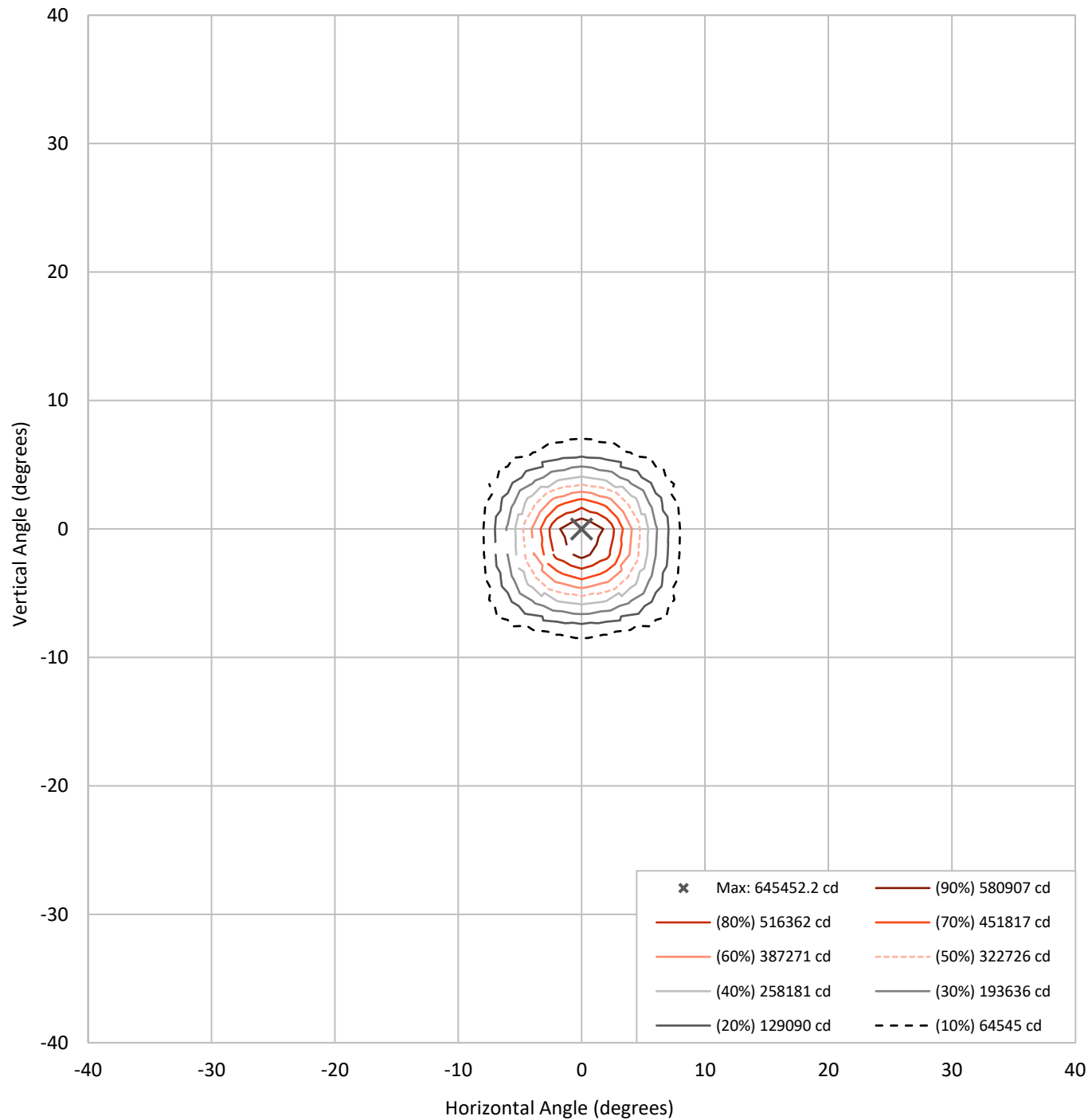
Input Watts (W): 420.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P723805
CATALOG NUMBER: IFLD-L-SA8C-760-U-11-VI

Iso-Candela Plot



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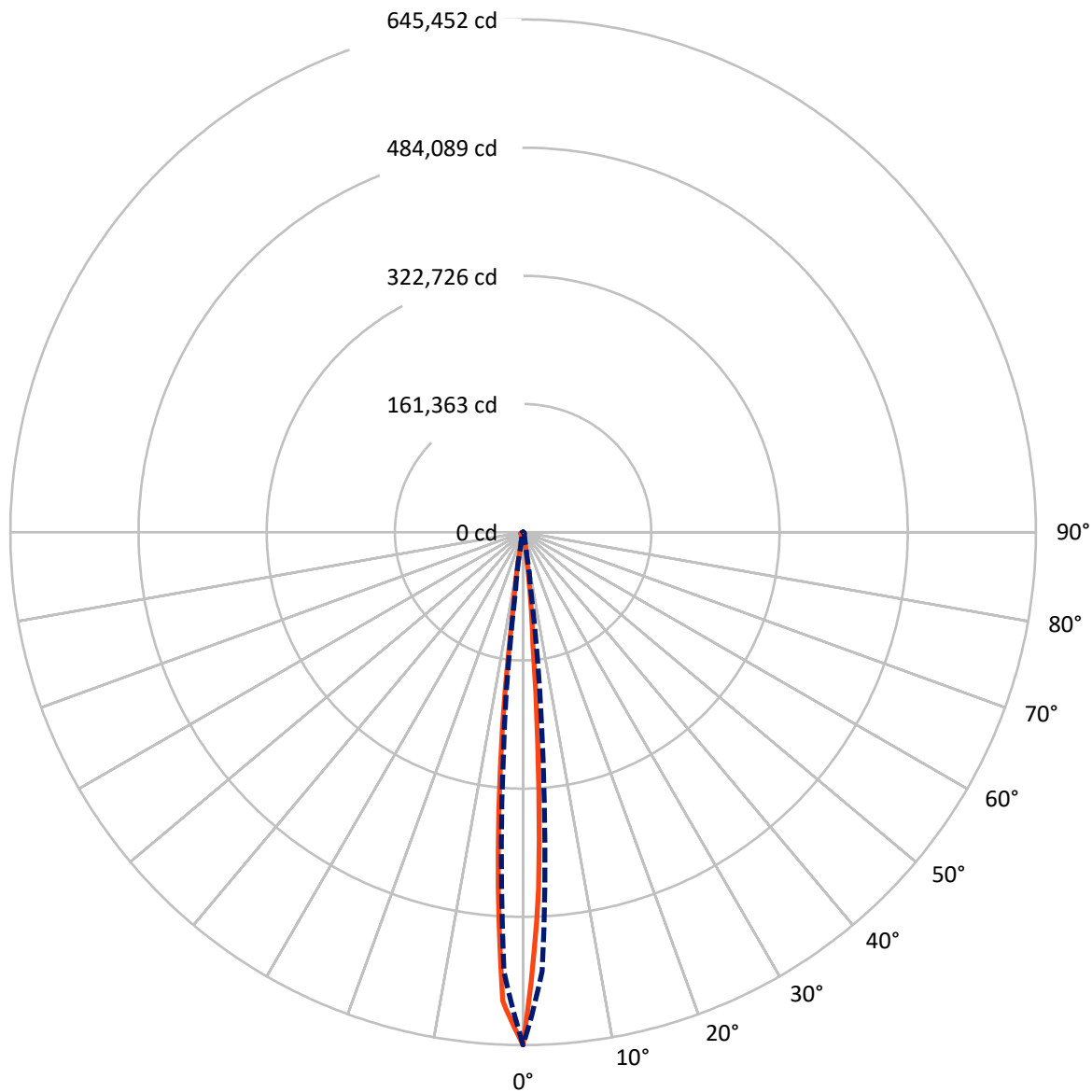
Lumen Table

90																			
80	0.5	6.1		6.6		2.5		0.7		2.5		6.6		6.1		0.5			
70	0.7	1.4	1.8	1.3	1.1	0.9	0.7	0.4	0.4	0.7	0.9	1.1	1.3	1.8	1.4	0.7			
60		0.9	1.2	3.2	7.1	11.6	14.8	17.0	17.0	14.8	11.6	7.1	3.2	1.2	0.9				
50	0.7	0.9	3.8	12.5	24.6	36.0	43.3	48.0	48.0	43.3	36.0	24.6	12.5	3.8	0.9	0.7			
40		1.8	9.5	25.7	41.7	49.0	52.9	54.8	54.8	52.9	49.0	41.7	25.7	9.5	1.8				
30	1.1	3.6	16.3	37.4	48.3	49.8	58.7	70.7	70.7	58.7	49.8	48.3	37.4	16.3	3.6	1.1			
20		5.6	22.8	45.9	51.5	58.1	102.2	174.1	174.1	102.2	58.1	51.5	45.9	22.8	5.6				
10	1.8	7.2	28.0	50.4	53.4	71.8	194.3	3601.6	3601.6	194.3	71.8	53.4	50.4	28.0	7.2	1.8			
0		8.5	30.6	52.9	55.4	74.2	209.4	5251.4	5251.4	209.4	74.2	55.4	52.9	30.6	8.5				
-10	2.6	9.1	31.4	55.8	60.0	66.9	121.7	233.6	233.6	121.7	66.9	60.0	55.8	31.4	9.1	2.6			
-20		8.5	29.8	56.5	67.3	67.4	78.8	96.2	96.2	78.8	67.4	67.3	56.5	29.8	8.5				
-30	2.9	7.6	26.4	54.0	74.1	80.7	84.0	84.7	84.7	84.0	80.7	74.1	54.0	26.4	7.6	2.9			
-40		6.6	21.2	45.8	71.4	86.8	97.3	102.0	102.0	97.3	86.8	71.4	45.8	21.2	6.6				
-50	2.3	6.0	16.4	35.5	60.9	81.8	95.0	100.5	100.5	95.0	81.8	60.9	35.5	16.4	6.0	2.3			
-60		5.6	14.4	29.0	50.8	71.5	86.6	93.5	93.5	86.6	71.5	50.8	29.0	14.4	5.6				
-70	1.1	17.0		50.5		93.6		103.4		93.6		50.5		17.0		1.1			
-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: P723805

CATALOG NUMBER: IFLD-L-SA8C-760-U-11-VI

Luminous Intensity Polar Plot



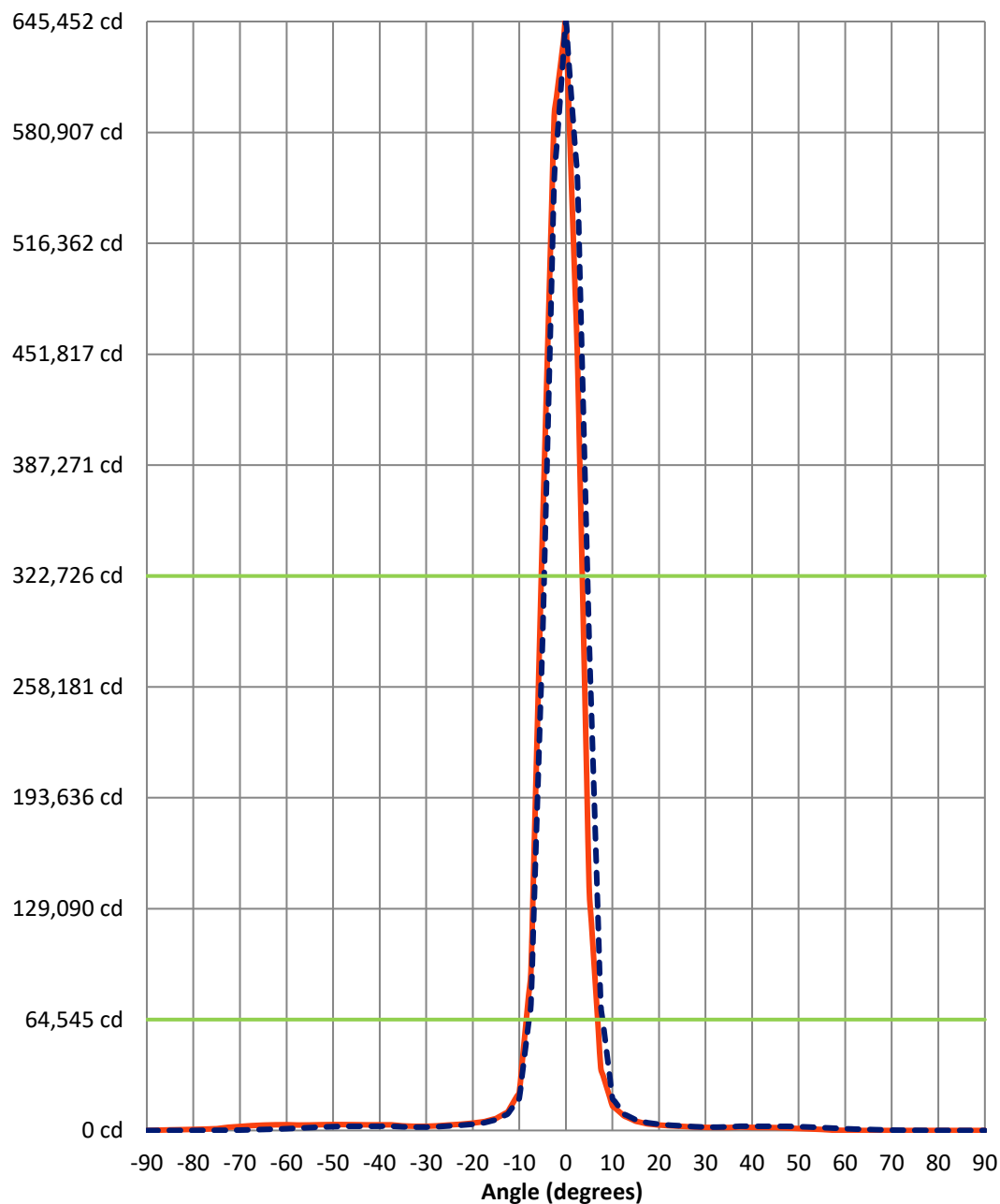
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723805

CATALOG NUMBER: IFLD-L-SA8C-760-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 9949.1

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 15860.8

Efficiency: 57.8%

Spill:

Lumens: 11574.4

Efficiency: 42.2%

REPORT NUMBER: P723805

CATALOG NUMBER: IFLD-L-SA8C-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	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
85°	0.0	6.3	6.3	12.7	12.7	12.7	19.0	25.3	31.7	31.7	38.0
82.5°	0.0	6.3	6.3	12.7	12.7	19.0	19.0	31.7	38.0	44.3	57.0
80°	6.3	6.3	6.3	12.7	12.7	19.0	19.0	25.3	31.7	44.3	50.7
77.5°	0.0	6.3	6.3	6.3	12.7	12.7	12.7	19.0	25.3	31.7	38.0
75°	0.0	6.3	6.3	6.3	12.7	12.7	12.7	12.7	19.0	19.0	25.3
72.5°	0.0	0.0	0.0	6.3	6.3	12.7	12.7	12.7	19.0	19.0	19.0
70°	0.0	0.0	0.0	6.3	6.3	12.7	12.7	12.7	19.0	19.0	19.0
67.5°	0.0	0.0	0.0	6.3	6.3	12.7	12.7	12.7	19.0	19.0	19.0
65°	0.0	0.0	0.0	6.3	6.3	12.7	12.7	19.0	19.0	19.0	19.0
62.5°	6.3	6.3	6.3	12.7	19.0	19.0	25.3	31.7	31.7	31.7	31.7
60°	63.3	69.7	76.0	76.0	69.7	69.7	76.0	76.0	76.0	76.0	76.0
57.5°	171.0	183.7	190.0	190.0	190.0	183.7	209.0	215.3	190.0	177.3	196.3
55°	595.3	614.3	601.7	582.7	544.7	500.3	487.7	481.3	487.7	456.0	405.3
52.5°	867.7	886.7	880.3	867.7	842.3	810.7	785.3	760.0	734.7	684.0	627.0
50°	1127.3	1133.7	1127.3	1114.7	1089.3	1057.7	1007.0	950.0	899.3	886.7	836.0
47.5°	1418.7	1437.7	1437.7	1431.3	1412.3	1355.3	1279.3	1197.0	1159.0	1146.3	1095.7
45°	1678.3	1691.0	1697.3	1703.7	1697.3	1640.3	1570.7	1526.3	1444.0	1418.7	1418.7
42.5°	1748.0	1754.3	1760.7	1767.0	1786.0	1741.7	1684.7	1608.7	1589.7	1583.3	1570.7
40°	1773.3	1760.7	1767.0	1773.3	1779.7	1748.0	1703.7	1659.3	1646.7	1634.0	1634.0
37.5°	2014.0	1957.0	1912.7	1874.7	1843.0	1811.3	1767.0	1729.0	1697.3	1672.0	1697.3
35°	1716.3	1716.3	1760.7	1798.7	1836.7	1874.7	1881.0	1836.7	1767.0	1735.3	1779.7
32.5°	1754.3	1754.3	1754.3	1767.0	1779.7	1811.3	1843.0	1862.0	1912.7	1855.7	1855.7
30°	1792.3	1798.7	1811.3	1817.7	1798.7	1786.0	1773.3	1773.3	1805.0	1887.3	1931.7
27.5°	2014.0	2014.0	1995.0	1969.7	1912.7	1824.0	1779.7	1716.3	1722.7	1760.7	1868.3
25°	2375.0	2362.3	2318.0	2254.7	2153.3	2026.7	1906.3	1773.3	1716.3	1697.3	1741.7
22.5°	2717.0	2698.0	2641.0	2584.0	2501.7	2375.0	2172.3	1969.7	1792.3	1716.3	1697.3
20°	3154.0	3109.7	3046.3	2957.7	2824.7	2698.0	2520.7	2254.7	1995.0	1798.7	1722.7
17.5°	3857.0	3800.0	3679.6	3521.3	3293.3	3097.0	2843.7	2590.3	2299.0	1982.3	1811.3
15°	5396.0	5250.3	5041.3	4604.3	4154.6	3781.0	3401.0	2976.7	2679.0	2261.0	2001.3
12.5°	8486.6	8087.6	7479.6	6460.0	5453.0	4585.3	3971.0	3426.3	2945.0	2558.7	2191.3
10°	14363.9	13508.9	11830.6	9044.0	7188.3	5592.3	4490.3	3762.0	3154.0	2755.0	2349.7
7.5°	36327.8	29633.5	20969.6	14319.6	9405.0	6833.6	5136.3	4078.6	3375.7	2881.7	2476.3
5°	141587.3	116634.1	62218.4	25966.5	14148.6	8265.0	5719.0	4332.0	3521.3	2976.7	2571.3
2.5°	449354.2	388047.8	203590.4	55897.7	17372.2	9310.0	6118.0	4490.3	3603.6	3046.3	2641.0
0°	645452.2	553176.0	285727.0	73517.0	18841.6	9576.0	6244.6	4522.0	3616.3	3059.0	2641.0
-2.5°	590479.2	516784.8	276011.7	68412.3	19253.2	9652.0	6346.0	4629.6	3711.3	3116.0	2660.0
-5°	350858.6	307754.2	192538.7	48779.1	17106.3	8961.6	6080.0	4534.6	3648.0	3084.3	2647.3
-7.5°	92440.9	80027.6	52642.4	25453.5	11070.6	7581.0	5586.0	4376.3	3565.6	3027.3	2596.7
-10°	22286.9	21121.6	18866.9	11564.6	8619.6	6333.3	4952.6	4091.3	3401.0	2951.3	2514.3
-12.5°	10747.6	10494.3	9525.3	7853.3	6396.6	5263.0	4484.0	3793.6	3249.0	2818.3	2400.3
-15°	6992.0	6846.3	6517.0	5877.3	5136.3	4591.6	4047.0	3489.6	3059.0	2622.0	2305.3
-17.5°	5174.3	5168.0	5003.3	4762.6	4395.3	3990.0	3591.0	3236.3	2818.3	2444.7	2204.0
-20°	4287.6	4287.6	4192.6	4034.3	3774.6	3508.6	3242.7	2913.3	2571.3	2292.7	2191.3

REPORT NUMBER: P723805

CATALOG NUMBER: IFLD-L-SA8C-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°	3641.6	3648.0	3597.3	3496.0	3356.7	3135.0	2875.3	2609.3	2362.3	2261.0	2229.3
-25°	3223.7	3211.0	3154.0	3059.0	2913.3	2736.0	2565.0	2387.7	2318.0	2292.7	2337.0
-27.5°	2729.7	2748.7	2723.3	2679.0	2584.0	2457.3	2419.3	2368.7	2381.3	2419.3	2590.3
-30°	2438.3	2457.3	2482.7	2501.7	2470.0	2438.3	2451.0	2489.0	2571.3	2717.0	2780.3
-32.5°	2438.3	2444.7	2482.7	2520.7	2539.7	2565.0	2634.7	2761.3	2881.7	2843.7	2831.0
-35°	2660.0	2641.0	2691.7	2742.3	2812.0	2900.7	2976.7	2951.3	2907.0	2894.3	2907.0
-37.5°	3293.3	3173.0	3122.3	3090.7	3071.7	3059.0	3040.0	3021.0	3002.0	2989.3	3008.3
-40°	3287.0	3255.3	3223.7	3198.3	3179.3	3154.0	3141.3	3135.0	3116.0	3103.3	3090.7
-42.5°	3274.3	3287.0	3287.0	3280.7	3287.0	3280.7	3261.7	3236.3	3204.7	3179.3	3154.0
-45°	3369.3	3375.7	3388.3	3401.0	3420.0	3394.7	3356.7	3312.3	3268.0	3230.0	3198.3
-47.5°	3426.3	3432.7	3445.3	3464.3	3477.0	3451.7	3401.0	3344.0	3274.3	3211.0	3147.7
-50°	3445.3	3464.3	3470.6	3470.6	3464.3	3432.7	3356.7	3274.3	3198.3	3135.0	3078.0
-52.5°	3356.7	3375.7	3382.0	3369.3	3363.0	3331.3	3261.7	3185.7	3103.3	3059.0	3008.3
-55°	3211.0	3236.3	3255.3	3255.3	3255.3	3249.0	3185.7	3116.0	3052.7	3002.0	2951.3
-57.5°	3154.0	3198.3	3236.3	3242.7	3249.0	3255.3	3211.0	3141.3	3065.3	2989.3	2926.0
-60°	3363.0	3401.0	3420.0	3394.7	3375.7	3356.7	3287.0	3204.7	3128.7	3052.7	2932.3
-62.5°	3306.0	3369.3	3401.0	3382.0	3356.7	3325.0	3249.0	3154.0	3065.3	2983.0	2862.7
-65°	3122.3	3179.3	3217.3	3185.7	3147.7	3103.3	3033.7	2945.0	2862.7	2780.3	2672.7
-67.5°	2812.0	2894.3	2957.7	2888.0	2837.3	2780.3	2723.3	2647.3	2565.0	2470.0	2368.7
-70°	2324.3	2387.7	2444.7	2425.7	2413.0	2400.3	2362.3	2286.3	2216.7	2140.7	2052.0
-72.5°	1868.3	1925.3	1976.0	1944.3	1919.0	1881.0	1824.0	1741.7	1659.3	1577.0	1494.7
-75°	1032.3	1051.3	1070.3	1064.0	1064.0	1064.0	1064.0	1070.3	1057.7	1038.7	1000.7
-77.5°	791.7	817.0	836.0	848.7	867.7	893.0	912.0	880.3	848.7	817.0	779.0
-80°	620.7	646.0	665.0	734.7	785.3	842.3	880.3	836.0	791.7	753.7	722.0
-82.5°	468.7	487.7	506.7	544.7	570.0	601.7	627.0	627.0	620.7	614.3	595.3
-85°	342.0	367.3	392.7	405.3	424.3	424.3	430.7	405.3	380.0	361.0	335.7
-87.5°	196.3	202.7	202.7	202.7	209.0	209.0	209.0	196.3	190.0	177.3	171.0
-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: P723805

CATALOG NUMBER: IFLD-L-SA8C-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°	6.3	6.3	6.3	12.7	12.7	19.0	19.0	25.3	25.3	31.7	31.7
85°	38.0	38.0	38.0	44.3	44.3	50.7	57.0	63.3	69.7	69.7	76.0
82.5°	63.3	69.7	76.0	82.3	88.7	95.0	101.3	107.7	126.7	139.3	145.7
80°	63.3	69.7	88.7	101.3	114.0	126.7	126.7	126.7	126.7	133.0	145.7
77.5°	44.3	50.7	57.0	69.7	101.3	126.7	145.7	158.3	145.7	139.3	126.7
75°	25.3	31.7	38.0	44.3	63.3	88.7	120.3	152.0	177.3	171.0	158.3
72.5°	25.3	25.3	31.7	38.0	44.3	50.7	57.0	88.7	126.7	158.3	177.3
70°	25.3	31.7	31.7	38.0	44.3	50.7	57.0	69.7	88.7	126.7	164.7
67.5°	25.3	31.7	31.7	44.3	57.0	63.3	69.7	63.3	57.0	82.3	120.3
65°	25.3	25.3	31.7	38.0	44.3	50.7	69.7	69.7	63.3	63.3	63.3
62.5°	38.0	38.0	38.0	38.0	44.3	44.3	44.3	57.0	57.0	57.0	57.0
60°	76.0	69.7	69.7	69.7	69.7	57.0	57.0	57.0	50.7	57.0	50.7
57.5°	183.7	152.0	139.3	139.3	120.3	114.0	95.0	69.7	69.7	57.0	57.0
55°	373.7	354.7	297.7	247.0	221.7	196.3	152.0	126.7	95.0	76.0	69.7
52.5°	576.3	525.7	475.0	411.7	348.3	297.7	253.3	196.3	158.3	114.0	88.7
50°	753.7	709.3	652.3	582.7	500.3	437.0	373.7	297.7	234.3	177.3	126.7
47.5°	1026.0	937.3	867.7	785.3	690.3	601.7	519.3	430.7	329.3	259.7	196.3
45°	1317.3	1190.7	1095.7	1019.7	893.0	772.7	677.7	582.7	462.3	342.0	266.0
42.5°	1520.0	1425.0	1298.3	1197.0	1083.0	956.3	829.7	728.3	601.7	462.3	342.0
40°	1627.7	1564.3	1463.0	1374.3	1254.0	1114.7	981.7	880.3	747.3	595.3	430.7
37.5°	1710.0	1678.3	1627.7	1558.0	1444.0	1279.3	1146.3	1026.0	912.0	734.7	557.3
35°	1805.0	1798.7	1767.0	1735.3	1640.3	1482.0	1323.7	1184.3	1045.0	880.3	684.0
32.5°	1893.7	1887.3	1868.3	1855.7	1817.7	1678.3	1507.3	1349.0	1190.7	1019.7	804.3
30°	1938.0	1925.3	1925.3	1938.0	1900.0	1811.3	1684.7	1513.7	1336.3	1133.7	931.0
27.5°	1938.0	1925.3	1931.7	1950.7	1944.3	1900.0	1805.0	1665.7	1469.3	1241.3	1045.0
25°	1855.7	1919.0	1919.0	1944.3	1950.7	1938.0	1887.3	1798.7	1596.0	1355.3	1133.7
22.5°	1741.7	1893.7	1950.7	1944.3	1950.7	1982.3	1988.7	1906.3	1716.3	1469.3	1222.3
20°	1741.7	1849.3	2014.0	1969.7	1982.3	2052.0	2083.7	2014.0	1843.0	1577.0	1311.0
17.5°	1779.7	1849.3	1988.7	2058.3	2077.3	2134.3	2185.0	2140.7	1957.0	1691.0	1431.3
15°	1887.3	1874.7	1969.7	2140.7	2172.3	2216.7	2273.7	2223.0	2058.3	1817.7	1545.3
12.5°	1963.3	1893.7	1969.7	2153.3	2254.7	2299.0	2318.0	2280.0	2147.0	1931.7	1659.3
10°	2064.7	1944.3	1982.3	2140.7	2286.3	2318.0	2337.0	2324.3	2229.3	2026.7	1760.7
7.5°	2140.7	1969.7	1969.7	2121.7	2318.0	2343.3	2356.0	2368.7	2299.0	2109.0	1849.3
5°	2172.3	1969.7	1957.0	2102.7	2349.7	2375.0	2375.0	2394.0	2349.7	2172.3	1912.7
2.5°	2178.7	1963.3	1944.3	2090.0	2406.7	2406.7	2394.0	2413.0	2387.7	2210.3	1957.0
0°	2210.3	1957.0	1938.0	2109.0	2470.0	2444.7	2413.0	2419.3	2406.7	2229.3	1982.3
-2.5°	2210.3	1988.7	1963.3	2121.7	2463.7	2457.3	2444.7	2451.0	2438.3	2286.3	2033.0
-5°	2242.0	2033.0	2007.7	2178.7	2457.3	2476.3	2482.7	2482.7	2463.7	2324.3	2064.7
-7.5°	2248.3	2064.7	2058.3	2235.7	2470.0	2501.7	2520.7	2533.3	2495.3	2349.7	2090.0
-10°	2216.7	2077.3	2109.0	2305.3	2482.7	2527.0	2565.0	2584.0	2520.7	2362.3	2102.7
-12.5°	2147.0	2077.3	2159.7	2394.0	2514.3	2565.0	2622.0	2628.3	2546.0	2368.7	2109.0
-15°	2140.7	2128.0	2248.3	2482.7	2533.3	2596.7	2685.3	2666.3	2565.0	2368.7	2109.0
-17.5°	2134.3	2197.7	2381.3	2514.3	2565.0	2634.7	2704.3	2685.3	2577.7	2368.7	2096.3
-20°	2191.3	2311.7	2539.7	2546.0	2603.0	2679.0	2717.0	2679.0	2558.7	2349.7	2077.3

REPORT NUMBER: P723805

CATALOG NUMBER: IFLD-L-SA8C-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°	2286.3	2514.3	2590.3	2615.7	2666.3	2723.3	2742.3	2685.3	2539.7	2318.0	2045.7
-25°	2527.0	2641.0	2641.0	2698.0	2748.7	2774.0	2755.0	2691.7	2514.3	2286.3	2014.0
-27.5°	2710.7	2704.3	2736.0	2793.0	2837.3	2837.3	2786.7	2660.0	2476.3	2254.7	1969.7
-30°	2780.3	2786.7	2831.0	2894.3	2907.0	2875.3	2799.3	2634.7	2444.7	2204.0	1912.7
-32.5°	2850.0	2875.3	2932.3	2964.0	2970.3	2907.0	2767.7	2590.3	2394.0	2147.0	1849.3
-35°	2932.3	2983.0	3014.7	3021.0	2989.3	2881.7	2723.3	2533.3	2318.0	2064.7	1792.3
-37.5°	3040.0	3065.3	3084.3	3059.0	2970.3	2843.7	2647.3	2457.3	2248.3	1976.0	1710.0
-40°	3109.7	3122.3	3128.7	3046.3	2938.7	2755.0	2565.0	2368.7	2128.0	1874.7	1621.3
-42.5°	3154.0	3141.3	3090.7	3002.0	2843.7	2666.3	2482.7	2261.0	2020.3	1773.3	1526.3
-45°	3141.3	3097.0	3021.0	2913.3	2748.7	2571.3	2356.0	2134.3	1906.3	1665.7	1418.7
-47.5°	3090.7	3021.0	2926.0	2799.3	2647.3	2432.0	2216.7	2001.3	1779.7	1545.3	1317.3
-50°	3027.3	2945.0	2831.0	2672.7	2470.0	2273.7	2077.3	1868.3	1640.3	1425.0	1222.3
-52.5°	2957.7	2869.0	2723.3	2546.0	2324.3	2121.7	1931.7	1729.0	1520.0	1317.3	1140.0
-55°	2881.7	2793.0	2628.3	2425.7	2204.0	1982.3	1798.7	1627.7	1425.0	1228.7	1070.3
-57.5°	2843.7	2729.7	2558.7	2356.0	2121.7	1893.7	1735.3	1551.7	1368.0	1165.3	1013.3
-60°	2812.0	2698.0	2539.7	2305.3	2083.7	1868.3	1684.7	1507.3	1311.0	1121.0	969.0
-62.5°	2723.3	2603.0	2457.3	2229.3	2014.0	1817.7	1653.0	1444.0	1254.0	1076.7	937.3
-65°	2546.0	2419.3	2292.7	2090.0	1893.7	1710.0	1545.3	1355.3	1178.0	1026.0	905.7
-67.5°	2267.3	2159.7	2045.7	1874.7	1710.0	1545.3	1393.3	1228.7	1083.0	975.3	912.0
-70°	1957.0	1843.0	1729.0	1589.7	1450.3	1317.3	1197.0	1076.7	981.7	924.7	874.0
-72.5°	1425.0	1374.3	1317.3	1209.7	1095.7	1013.3	956.3	905.7	836.0	785.3	753.7
-75°	950.0	880.3	791.7	753.7	760.0	747.3	715.7	677.7	646.0	627.0	582.7
-77.5°	741.0	703.0	658.7	614.3	595.3	576.3	551.0	519.3	494.0	449.7	386.3
-80°	684.0	652.3	620.7	589.0	557.3	513.0	462.3	411.7	386.3	367.3	361.0
-82.5°	563.7	525.7	487.7	456.0	411.7	380.0	348.3	323.0	323.0	316.7	310.3
-85°	323.0	310.3	291.3	278.7	266.0	247.0	228.0	215.3	209.0	202.7	196.3
-87.5°	164.7	158.3	145.7	139.3	133.0	126.7	114.0	107.7	101.3	101.3	95.0
-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: P723805

CATALOG NUMBER: IFLD-L-SA8C-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°	31.7	31.7	25.3	25.3	25.3	19.0	12.7	12.7	6.3	6.3	0.0
85°	76.0	63.3	57.0	50.7	50.7	38.0	25.3	19.0	12.7	6.3	6.3
82.5°	145.7	126.7	107.7	95.0	76.0	57.0	44.3	31.7	19.0	12.7	6.3
80°	164.7	164.7	158.3	133.0	107.7	82.3	57.0	38.0	25.3	19.0	12.7
77.5°	126.7	139.3	139.3	139.3	133.0	101.3	69.7	44.3	25.3	19.0	12.7
75°	145.7	126.7	120.3	126.7	120.3	101.3	82.3	50.7	31.7	25.3	12.7
72.5°	177.3	152.0	133.0	126.7	114.0	95.0	76.0	57.0	31.7	25.3	19.0
70°	164.7	158.3	145.7	133.0	114.0	95.0	76.0	57.0	38.0	25.3	19.0
67.5°	145.7	145.7	145.7	133.0	114.0	88.7	69.7	50.7	38.0	25.3	19.0
65°	101.3	120.3	133.0	126.7	114.0	88.7	69.7	50.7	38.0	31.7	19.0
62.5°	63.3	82.3	107.7	120.3	107.7	88.7	63.3	50.7	38.0	31.7	19.0
60°	57.0	63.3	76.0	95.0	101.3	82.3	63.3	44.3	38.0	31.7	19.0
57.5°	57.0	57.0	63.3	76.0	82.3	76.0	57.0	38.0	38.0	31.7	25.3
55°	63.3	57.0	57.0	63.3	69.7	69.7	57.0	38.0	38.0	31.7	25.3
52.5°	76.0	63.3	57.0	57.0	57.0	63.3	50.7	38.0	38.0	31.7	25.3
50°	95.0	76.0	69.7	57.0	57.0	57.0	50.7	38.0	31.7	31.7	25.3
47.5°	126.7	101.3	76.0	69.7	57.0	50.7	44.3	38.0	31.7	31.7	25.3
45°	190.0	120.3	101.3	76.0	63.3	57.0	50.7	38.0	31.7	31.7	25.3
42.5°	259.7	177.3	126.7	88.7	69.7	57.0	50.7	44.3	31.7	31.7	25.3
40°	329.3	240.7	158.3	114.0	82.3	63.3	50.7	44.3	38.0	31.7	25.3
37.5°	405.3	297.7	209.0	145.7	95.0	69.7	57.0	44.3	38.0	31.7	25.3
35°	500.3	373.7	259.7	177.3	114.0	82.3	63.3	44.3	38.0	31.7	25.3
32.5°	608.0	443.3	310.3	215.3	145.7	101.3	69.7	50.7	38.0	31.7	25.3
30°	709.3	525.7	367.3	259.7	177.3	114.0	76.0	50.7	38.0	31.7	19.0
27.5°	810.7	608.0	437.0	304.0	215.3	133.0	82.3	57.0	38.0	31.7	25.3
25°	912.0	690.3	506.7	348.3	247.0	158.3	101.3	63.3	38.0	31.7	25.3
22.5°	1000.7	772.7	570.0	399.0	285.0	183.7	114.0	69.7	44.3	31.7	25.3
20°	1102.0	861.3	639.7	456.0	316.7	209.0	126.7	76.0	44.3	31.7	25.3
17.5°	1197.0	950.0	709.3	506.7	354.7	234.3	145.7	82.3	50.7	31.7	25.3
15°	1292.0	1032.3	772.7	557.3	392.7	259.7	158.3	88.7	57.0	31.7	25.3
12.5°	1380.7	1108.3	829.7	601.7	424.3	285.0	171.0	95.0	63.3	31.7	25.3
10°	1463.0	1178.0	886.7	639.7	456.0	304.0	183.7	107.7	69.7	31.7	25.3
7.5°	1545.3	1235.0	931.0	677.7	494.0	329.3	196.3	114.0	76.0	38.0	25.3
5°	1596.0	1285.7	969.0	709.3	525.7	354.7	209.0	120.3	82.3	38.0	25.3
2.5°	1640.3	1323.7	994.3	741.0	557.3	373.7	209.0	126.7	88.7	38.0	25.3
0°	1665.7	1349.0	1013.3	760.0	582.7	386.3	215.3	133.0	95.0	38.0	25.3
-2.5°	1722.7	1393.3	1057.7	785.3	608.0	424.3	228.0	139.3	101.3	44.3	25.3
-5°	1760.7	1418.7	1089.3	810.7	627.0	462.3	247.0	152.0	114.0	57.0	31.7
-7.5°	1792.3	1444.0	1114.7	823.3	646.0	475.0	253.3	158.3	120.3	63.3	31.7
-10°	1798.7	1456.7	1133.7	842.3	658.7	494.0	259.7	164.7	126.7	69.7	31.7
-12.5°	1805.0	1469.3	1140.0	855.0	671.3	506.7	266.0	171.0	133.0	76.0	31.7
-15°	1798.7	1463.0	1140.0	867.7	677.7	494.0	278.7	177.3	139.3	82.3	31.7
-17.5°	1786.0	1456.7	1133.7	861.3	671.3	481.3	285.0	190.0	139.3	88.7	38.0
-20°	1767.0	1437.7	1121.0	855.0	665.0	468.7	291.3	196.3	145.7	88.7	38.0



REPORT NUMBER: P723805

CATALOG NUMBER: IFLD-L-SA8C-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°	1735.3	1406.0	1095.7	836.0	652.3	456.0	291.3	209.0	152.0	88.7	38.0
-25°	1697.3	1374.3	1070.3	810.7	633.3	437.0	291.3	215.3	158.3	88.7	38.0
-27.5°	1653.0	1342.7	1032.3	791.7	608.0	424.3	291.3	221.7	164.7	88.7	38.0
-30°	1602.3	1298.3	1000.7	760.0	589.0	424.3	297.7	228.0	171.0	88.7	38.0
-32.5°	1551.7	1254.0	962.7	734.7	563.7	418.0	297.7	234.3	177.3	82.3	44.3
-35°	1494.7	1203.3	931.0	715.7	544.7	405.3	304.0	234.3	171.0	82.3	44.3
-37.5°	1425.0	1140.0	899.3	696.7	532.0	392.7	304.0	240.7	164.7	82.3	44.3
-40°	1349.0	1089.3	861.3	671.3	513.0	386.3	304.0	240.7	158.3	82.3	50.7
-42.5°	1266.7	1032.3	823.3	646.0	494.0	380.0	304.0	240.7	152.0	82.3	50.7
-45°	1190.7	975.3	779.0	614.3	475.0	380.0	304.0	234.3	139.3	88.7	50.7
-47.5°	1108.3	912.0	728.3	582.7	468.7	373.7	297.7	221.7	126.7	88.7	50.7
-50°	1038.7	848.7	690.3	551.0	456.0	380.0	304.0	202.7	126.7	88.7	50.7
-52.5°	969.0	804.3	646.0	538.3	443.3	386.3	297.7	190.0	126.7	88.7	50.7
-55°	912.0	760.0	620.7	519.3	456.0	399.0	285.0	171.0	126.7	88.7	50.7
-57.5°	867.7	734.7	601.7	525.7	475.0	386.3	266.0	164.7	126.7	82.3	50.7
-60°	836.0	709.3	608.0	551.0	481.3	367.3	253.3	164.7	126.7	82.3	44.3
-62.5°	810.7	715.7	639.7	570.0	456.0	342.0	240.7	164.7	114.0	76.0	44.3
-65°	817.0	741.0	652.3	544.7	437.0	316.7	221.7	158.3	107.7	69.7	44.3
-67.5°	836.0	722.0	614.3	513.0	392.7	285.0	202.7	145.7	101.3	69.7	44.3
-70°	772.7	665.0	557.3	437.0	335.7	247.0	190.0	133.0	88.7	63.3	44.3
-72.5°	696.7	557.3	443.3	354.7	285.0	228.0	171.0	120.3	82.3	57.0	38.0
-75°	506.7	405.3	329.3	297.7	253.3	202.7	152.0	107.7	76.0	57.0	38.0
-77.5°	361.0	335.7	304.0	272.3	228.0	177.3	133.0	101.3	69.7	50.7	31.7
-80°	354.7	323.0	285.0	234.3	190.0	152.0	114.0	88.7	63.3	44.3	25.3
-82.5°	297.7	253.3	215.3	177.3	145.7	120.3	95.0	69.7	50.7	31.7	19.0
-85°	183.7	158.3	139.3	120.3	101.3	82.3	63.3	44.3	31.7	19.0	12.7
-87.5°	88.7	82.3	69.7	57.0	50.7	38.0	31.7	25.3	19.0	12.7	6.3
-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: P723805

CATALOG NUMBER: IFLD-L-SA8C-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°	6.3	0.0	0.0	0.0
80°	6.3	0.0	0.0	0.0
77.5°	6.3	0.0	0.0	0.0
75°	6.3	6.3	0.0	0.0
72.5°	6.3	6.3	0.0	0.0
70°	12.7	6.3	6.3	0.0
67.5°	12.7	6.3	6.3	0.0
65°	12.7	6.3	6.3	0.0
62.5°	12.7	6.3	6.3	0.0
60°	12.7	6.3	6.3	0.0
57.5°	12.7	6.3	6.3	0.0
55°	12.7	6.3	6.3	0.0
52.5°	12.7	6.3	6.3	0.0
50°	12.7	6.3	6.3	0.0
47.5°	12.7	12.7	6.3	0.0
45°	12.7	12.7	6.3	0.0
42.5°	12.7	12.7	6.3	0.0
40°	12.7	12.7	6.3	0.0
37.5°	12.7	12.7	6.3	0.0
35°	12.7	12.7	6.3	0.0
32.5°	19.0	12.7	6.3	0.0
30°	19.0	12.7	12.7	0.0
27.5°	19.0	12.7	12.7	0.0
25°	19.0	12.7	12.7	0.0
22.5°	19.0	12.7	12.7	0.0
20°	19.0	12.7	12.7	0.0
17.5°	19.0	12.7	12.7	0.0
15°	19.0	12.7	12.7	0.0
12.5°	19.0	12.7	12.7	0.0
10°	19.0	12.7	12.7	0.0
7.5°	19.0	12.7	12.7	0.0
5°	19.0	12.7	12.7	0.0
2.5°	19.0	12.7	12.7	0.0
0°	19.0	12.7	12.7	0.0
-2.5°	19.0	12.7	12.7	0.0
-5°	19.0	12.7	12.7	0.0
-7.5°	19.0	12.7	12.7	0.0
-10°	19.0	12.7	12.7	0.0
-12.5°	25.3	12.7	12.7	0.0
-15°	25.3	12.7	12.7	0.0
-17.5°	25.3	12.7	12.7	0.0
-20°	25.3	12.7	12.7	0.0

REPORT NUMBER: P723805

CATALOG NUMBER: IFLD-L-SA8C-760-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	25.3	12.7	12.7	0.0
-25°	25.3	12.7	12.7	0.0
-27.5°	25.3	12.7	12.7	0.0
-30°	25.3	12.7	12.7	0.0
-32.5°	25.3	12.7	12.7	0.0
-35°	25.3	12.7	12.7	0.0
-37.5°	25.3	12.7	12.7	0.0
-40°	25.3	12.7	12.7	0.0
-42.5°	19.0	12.7	6.3	0.0
-45°	25.3	12.7	6.3	0.0
-47.5°	25.3	12.7	6.3	0.0
-50°	25.3	12.7	6.3	0.0
-52.5°	25.3	12.7	6.3	0.0
-55°	25.3	12.7	6.3	0.0
-57.5°	25.3	12.7	6.3	0.0
-60°	25.3	12.7	6.3	0.0
-62.5°	25.3	12.7	6.3	0.0
-65°	25.3	12.7	6.3	0.0
-67.5°	25.3	12.7	6.3	0.0
-70°	25.3	6.3	6.3	0.0
-72.5°	19.0	6.3	6.3	0.0
-75°	19.0	6.3	6.3	0.0
-77.5°	12.7	6.3	0.0	0.0
-80°	12.7	6.3	0.0	0.0
-82.5°	12.7	6.3	0.0	0.0
-85°	6.3	0.0	0.0	0.0
-87.5°	6.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)