

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: P723806

Luminaire Tested: **IFLD-L-SA8D-760-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723806
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-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:	30188 lumens	Max Intensity:	710217.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	61.8 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:	10947.4 lumens	Field Lumens:	17452.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

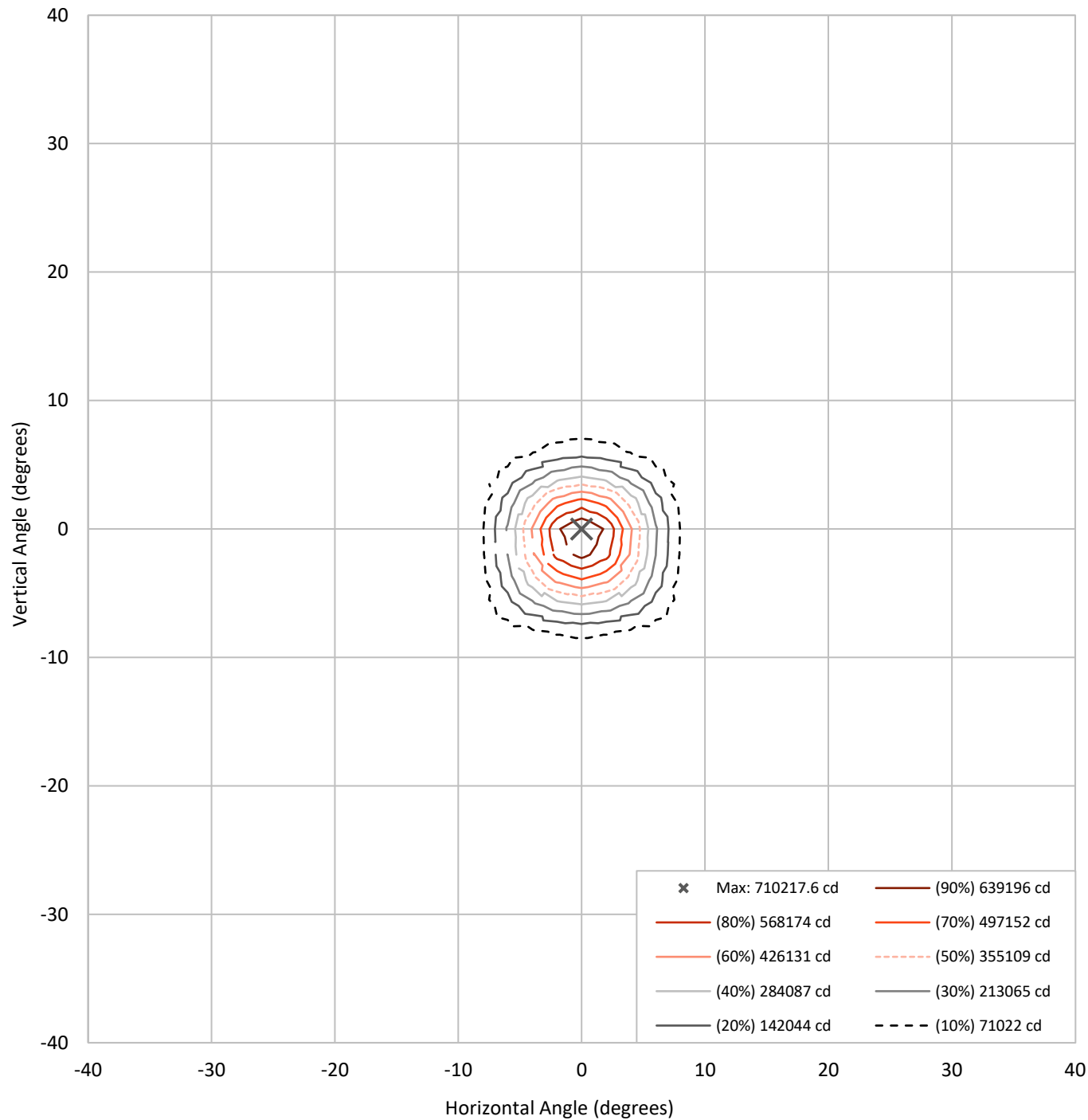
Input Watts (W): 488.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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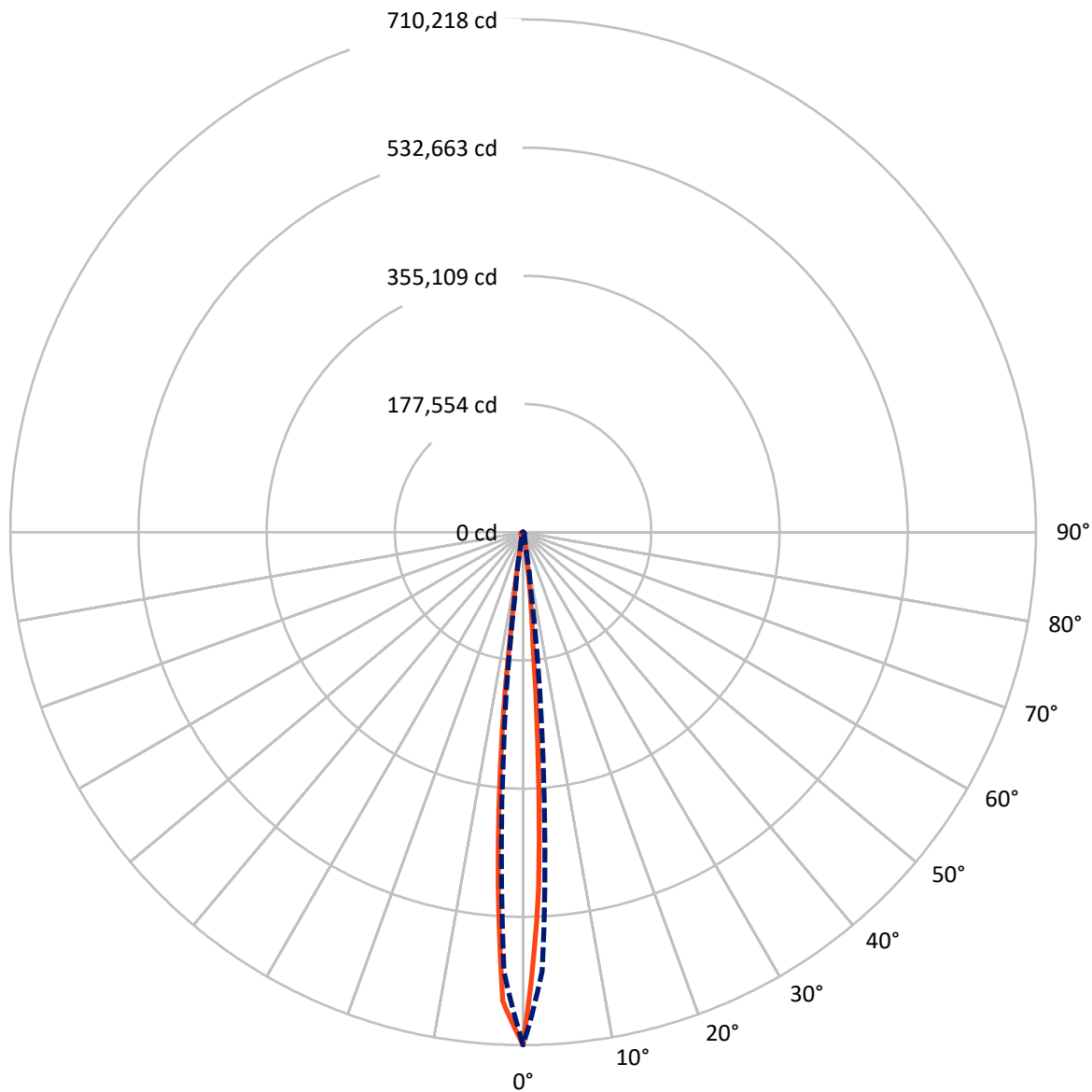
Lumen Table

	Horizontal Angle (degrees)																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
Vertical Angle (degrees)																				
90	0.5		6.7		7.3		2.8		0.8		2.8		7.3		6.7		0.5			
80	0.8		1.5	1.9	1.5	1.2	1.0	0.8	0.4	0.4	0.8	1.0	1.2	1.5	1.9	1.5	0.8			
70			1.0	1.4	3.5	7.8	12.7	16.3	18.7	18.7	16.3	12.7	7.8	3.5	1.4	1.0				
60	0.8		1.0	4.1	13.7	27.1	39.6	47.7	52.8	52.8	47.7	39.6	27.1	13.7	4.1	1.0	0.8			
50			2.0	10.5	28.2	45.9	53.9	58.2	60.3	60.3	58.2	53.9	45.9	28.2	10.5	2.0				
40	1.2		3.9	17.9	41.1	53.2	54.8	64.6	77.8	77.8	64.6	54.8	53.2	41.1	17.9	3.9	1.2			
30			6.1	25.1	50.5	56.7	64.0	112.4	191.6	191.6	112.4	64.0	56.7	50.5	25.1	6.1				
20	2.0		8.0	30.8	55.5	58.8	79.0	213.8	3963.0	3963.0	213.8	79.0	58.8	55.5	30.8	8.0	2.0			
10			9.3	33.7	58.3	61.0	81.7	230.4	5778.3	5778.3	230.4	81.7	61.0	58.3	33.7	9.3				
0	2.9		10.0	34.6	61.4	66.0	73.7	133.9	257.0	257.0	133.9	73.7	66.0	61.4	34.6	10.0	2.9			
-10			9.4	32.8	62.1	74.1	74.2	86.7	105.8	105.8	86.7	74.2	74.1	62.1	32.8	9.4				
-20	3.2		8.3	29.0	59.4	81.5	88.8	92.5	93.2	93.2	92.5	88.8	81.5	59.4	29.0	8.3	3.2			
-30			7.3	23.4	50.4	78.6	95.6	107.1	112.3	112.3	107.1	95.6	78.6	50.4	23.4	7.3				
-40	2.5		6.6	18.0	39.1	67.0	90.0	104.6	110.6	110.6	104.6	90.0	67.0	39.1	18.0	6.6	2.5			
-50			6.1	15.9	31.9	55.9	78.7	95.2	102.9	102.9	95.2	78.7	55.9	31.9	15.9	6.1				
-60	1.2		18.7		55.6		103.0		113.7		103.0		55.6		18.7		1.2			
-70																				
-80																				
-90																				

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Luminous Intensity Polar Plot



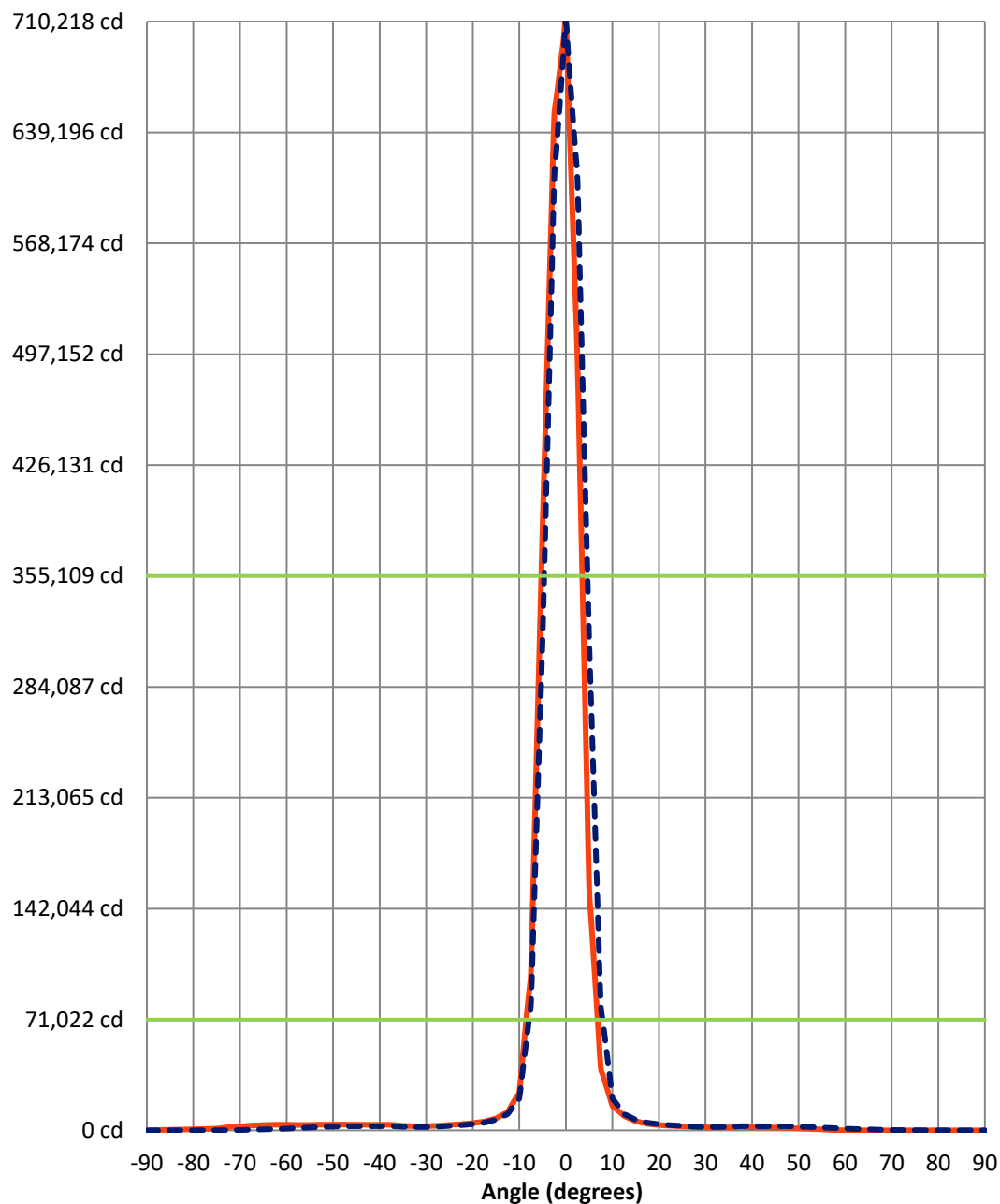
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 10947.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 17452.3

Efficiency: 57.8%

Spill:

Lumens: 12735.7

Efficiency: 42.2%

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

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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	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
85°	0.0	7.0	7.0	13.9	13.9	13.9	20.9	27.9	34.8	34.8	41.8
82.5°	0.0	7.0	7.0	13.9	13.9	20.9	20.9	34.8	41.8	48.8	62.7
80°	7.0	7.0	7.0	13.9	13.9	20.9	20.9	27.9	34.8	48.8	55.8
77.5°	0.0	7.0	7.0	7.0	13.9	13.9	13.9	20.9	27.9	34.8	41.8
75°	0.0	7.0	7.0	7.0	13.9	13.9	13.9	13.9	20.9	20.9	27.9
72.5°	0.0	0.0	0.0	7.0	7.0	13.9	13.9	13.9	20.9	20.9	20.9
70°	0.0	0.0	0.0	7.0	7.0	13.9	13.9	13.9	20.9	20.9	20.9
67.5°	0.0	0.0	0.0	7.0	7.0	13.9	13.9	13.9	20.9	20.9	20.9
65°	0.0	0.0	0.0	7.0	7.0	13.9	13.9	20.9	20.9	20.9	20.9
62.5°	7.0	7.0	7.0	13.9	20.9	20.9	27.9	34.8	34.8	34.8	34.8
60°	69.7	76.7	83.6	83.6	76.7	76.7	83.6	83.6	83.6	83.6	83.6
57.5°	188.2	202.1	209.1	209.1	209.1	202.1	230.0	236.9	209.1	195.1	216.0
55°	655.1	676.0	662.0	641.1	599.3	550.5	536.6	529.6	536.6	501.8	446.0
52.5°	954.7	975.6	968.7	954.7	926.8	892.0	864.1	836.3	808.4	752.6	689.9
50°	1240.4	1247.4	1240.4	1226.5	1198.6	1163.8	1108.0	1045.3	989.6	975.6	919.9
47.5°	1561.0	1581.9	1581.9	1574.9	1554.0	1491.3	1407.7	1317.1	1275.3	1261.4	1205.6
45°	1846.7	1860.7	1867.6	1874.6	1867.6	1804.9	1728.3	1679.5	1588.9	1561.0	1561.0
42.5°	1923.4	1930.4	1937.3	1944.3	1965.2	1916.4	1853.7	1770.1	1749.2	1742.2	1728.3
40°	1951.3	1937.3	1944.3	1951.3	1958.2	1923.4	1874.6	1825.8	1811.9	1797.9	1797.9
37.5°	2216.1	2153.4	2104.6	2062.8	2027.9	1993.1	1944.3	1902.5	1867.6	1839.8	1867.6
35°	1888.5	1888.5	1937.3	1979.1	2020.9	2062.8	2069.7	2020.9	1944.3	1909.4	1958.2
32.5°	1930.4	1930.4	1930.4	1944.3	1958.2	1993.1	2027.9	2048.8	2104.6	2041.9	2041.9
30°	1972.2	1979.1	1993.1	2000.0	1979.1	1965.2	1951.3	1951.3	1986.1	2076.7	2125.5
27.5°	2216.1	2216.1	2195.2	2167.3	2104.6	2007.0	1958.2	1888.5	1895.5	1937.3	2055.8
25°	2613.3	2599.4	2550.6	2480.9	2369.4	2230.0	2097.6	1951.3	1888.5	1867.6	1916.4
22.5°	2989.6	2968.7	2906.0	2843.3	2752.7	2613.3	2390.3	2167.3	1972.2	1888.5	1867.6
20°	3470.5	3421.7	3352.0	3254.4	3108.1	2968.7	2773.6	2480.9	2195.2	1979.1	1895.5
17.5°	4244.0	4181.3	4048.9	3874.6	3623.8	3407.7	3129.0	2850.2	2529.7	2181.2	1993.1
15°	5937.4	5777.1	5547.2	5066.3	4571.5	4160.4	3742.2	3275.3	2947.8	2487.9	2202.1
12.5°	9338.2	8899.1	8230.1	7108.2	6000.1	5045.4	4369.4	3770.1	3240.5	2815.4	2411.2
10°	15805.2	14864.4	13017.7	9951.4	7909.6	6153.4	4940.9	4139.5	3470.5	3031.4	2585.4
7.5°	39973.0	32607.0	23073.7	15756.4	10348.7	7519.3	5651.7	4487.9	3714.4	3170.8	2724.8
5°	155794.3	128337.3	68461.4	28572.1	15568.3	9094.3	6292.8	4766.7	3874.6	3275.3	2829.3
2.5°	494442.8	426984.9	224018.8	61506.6	19115.4	10244.1	6731.9	4940.9	3965.2	3352.0	2906.0
0°	710217.6	608682.3	314397.1	80893.7	20732.2	10536.8	6871.2	4975.7	3979.2	3365.9	2906.0
-2.5°	649728.4	568639.6	303707.0	75276.9	21185.1	10620.4	6982.7	5094.2	4083.7	3428.6	2926.9
-5°	386064.2	338634.6	211858.3	53673.6	18822.7	9860.8	6690.0	4989.7	4014.0	3393.8	2913.0
-7.5°	101716.5	88057.7	57924.6	28007.6	12181.5	8341.6	6146.5	4815.4	3923.4	3331.1	2857.2
-10°	24523.2	23240.9	20760.0	12725.0	9484.5	6968.8	5449.6	4501.8	3742.2	3247.5	2766.6
-12.5°	11826.0	11547.3	10481.1	8641.3	7038.5	5791.1	4933.9	4174.3	3575.0	3101.1	2641.2
-15°	7693.5	7533.3	7170.9	6467.0	5651.7	5052.4	4453.1	3839.8	3365.9	2885.1	2536.6
-17.5°	5693.5	5686.5	5505.3	5240.5	4836.3	4390.3	3951.3	3561.1	3101.1	2690.0	2425.1
-20°	4717.9	4717.9	4613.3	4439.1	4153.4	3860.7	3568.0	3205.6	2829.3	2522.7	2411.2

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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	4007.1	4014.0	3958.3	3846.8	3693.5	3449.6	3163.8	2871.1	2599.4	2487.9	2453.0
-25°	3547.1	3533.2	3470.5	3365.9	3205.6	3010.5	2822.4	2627.2	2550.6	2522.7	2571.5
-27.5°	3003.5	3024.5	2996.6	2947.8	2843.3	2703.9	2662.1	2606.3	2620.3	2662.1	2850.2
-30°	2683.0	2703.9	2731.8	2752.7	2717.8	2683.0	2696.9	2738.7	2829.3	2989.6	3059.3
-32.5°	2683.0	2690.0	2731.8	2773.6	2794.5	2822.4	2899.0	3038.4	3170.8	3129.0	3115.1
-35°	2926.9	2906.0	2961.7	3017.5	3094.1	3191.7	3275.3	3247.5	3198.7	3184.7	3198.7
-37.5°	3623.8	3491.4	3435.6	3400.8	3379.9	3365.9	3345.0	3324.1	3303.2	3289.3	3310.2
-40°	3616.8	3582.0	3547.1	3519.2	3498.3	3470.5	3456.5	3449.6	3428.6	3414.7	3400.8
-42.5°	3602.9	3616.8	3616.8	3609.8	3616.8	3609.8	3588.9	3561.1	3526.2	3498.3	3470.5
-45°	3707.4	3714.4	3728.3	3742.2	3763.1	3735.3	3693.5	3644.7	3595.9	3554.1	3519.2
-47.5°	3770.1	3777.1	3791.0	3811.9	3825.9	3798.0	3742.2	3679.5	3602.9	3533.2	3463.5
-50°	3791.0	3811.9	3818.9	3818.9	3811.9	3777.1	3693.5	3602.9	3519.2	3449.6	3386.8
-52.5°	3693.5	3714.4	3721.3	3707.4	3700.4	3665.6	3588.9	3505.3	3414.7	3365.9	3310.2
-55°	3533.2	3561.1	3582.0	3582.0	3582.0	3575.0	3505.3	3428.6	3359.0	3303.2	3247.5
-57.5°	3470.5	3519.2	3561.1	3568.0	3575.0	3582.0	3533.2	3456.5	3372.9	3289.3	3219.6
-60°	3700.4	3742.2	3763.1	3735.3	3714.4	3693.5	3616.8	3526.2	3442.6	3359.0	3226.6
-62.5°	3637.7	3707.4	3742.2	3721.3	3693.5	3658.6	3575.0	3470.5	3372.9	3282.3	3149.9
-65°	3435.6	3498.3	3540.1	3505.3	3463.5	3414.7	3338.1	3240.5	3149.9	3059.3	2940.8
-67.5°	3094.1	3184.7	3254.4	3177.8	3122.0	3059.3	2996.6	2913.0	2822.4	2717.8	2606.3
-70°	2557.5	2627.2	2690.0	2669.0	2655.1	2641.2	2599.4	2515.7	2439.1	2355.5	2257.9
-72.5°	2055.8	2118.5	2174.3	2139.4	2111.5	2069.7	2007.0	1916.4	1825.8	1735.2	1644.6
-75°	1135.9	1156.8	1177.7	1170.8	1170.8	1170.8	1170.8	1177.7	1163.8	1142.9	1101.1
-77.5°	871.1	899.0	919.9	933.8	954.7	982.6	1003.5	968.7	933.8	899.0	857.2
-80°	682.9	710.8	731.7	808.4	864.1	926.8	968.7	919.9	871.1	829.3	794.4
-82.5°	515.7	536.6	557.5	599.3	627.2	662.0	689.9	689.9	682.9	676.0	655.1
-85°	376.3	404.2	432.1	446.0	466.9	466.9	473.9	446.0	418.1	397.2	369.3
-87.5°	216.0	223.0	223.0	223.0	230.0	230.0	230.0	216.0	209.1	195.1	188.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	7.0	7.0	7.0	13.9	13.9	20.9	20.9	27.9	27.9	34.8	34.8
85°	41.8	41.8	41.8	48.8	48.8	55.8	62.7	69.7	76.7	76.7	83.6
82.5°	69.7	76.7	83.6	90.6	97.6	104.5	111.5	118.5	139.4	153.3	160.3
80°	69.7	76.7	97.6	111.5	125.4	139.4	139.4	139.4	139.4	146.3	160.3
77.5°	48.8	55.8	62.7	76.7	111.5	139.4	160.3	174.2	160.3	153.3	139.4
75°	27.9	34.8	41.8	48.8	69.7	97.6	132.4	167.3	195.1	188.2	174.2
72.5°	27.9	27.9	34.8	41.8	48.8	55.8	62.7	97.6	139.4	174.2	195.1
70°	27.9	34.8	34.8	41.8	48.8	55.8	62.7	76.7	97.6	139.4	181.2
67.5°	27.9	34.8	34.8	48.8	62.7	69.7	76.7	69.7	62.7	90.6	132.4
65°	27.9	27.9	34.8	41.8	48.8	55.8	76.7	76.7	69.7	69.7	69.7
62.5°	41.8	41.8	41.8	41.8	48.8	48.8	48.8	62.7	62.7	62.7	62.7
60°	83.6	76.7	76.7	76.7	76.7	62.7	62.7	62.7	55.8	62.7	55.8
57.5°	202.1	167.3	153.3	153.3	132.4	125.4	104.5	76.7	76.7	62.7	62.7
55°	411.2	390.3	327.5	271.8	243.9	216.0	167.3	139.4	104.5	83.6	76.7
52.5°	634.2	578.4	522.7	453.0	383.3	327.5	278.8	216.0	174.2	125.4	97.6
50°	829.3	780.5	717.8	641.1	550.5	480.8	411.2	327.5	257.8	195.1	139.4
47.5°	1128.9	1031.4	954.7	864.1	759.6	662.0	571.4	473.9	362.4	285.7	216.0
45°	1449.5	1310.1	1205.6	1122.0	982.6	850.2	745.7	641.1	508.7	376.3	292.7
42.5°	1672.5	1568.0	1428.6	1317.1	1191.7	1052.3	912.9	801.4	662.0	508.7	376.3
40°	1791.0	1721.3	1609.8	1512.2	1379.8	1226.5	1080.2	968.7	822.3	655.1	473.9
37.5°	1881.6	1846.7	1791.0	1714.3	1588.9	1407.7	1261.4	1128.9	1003.5	808.4	613.3
35°	1986.1	1979.1	1944.3	1909.4	1804.9	1630.7	1456.5	1303.2	1149.9	968.7	752.6
32.5°	2083.7	2076.7	2055.8	2041.9	2000.0	1846.7	1658.6	1484.4	1310.1	1122.0	885.0
30°	2132.5	2118.5	2118.5	2132.5	2090.6	1993.1	1853.7	1665.5	1470.4	1247.4	1024.4
27.5°	2132.5	2118.5	2125.5	2146.4	2139.4	2090.6	1986.1	1832.8	1616.8	1365.9	1149.9
25°	2041.9	2111.5	2111.5	2139.4	2146.4	2132.5	2076.7	1979.1	1756.1	1491.3	1247.4
22.5°	1916.4	2083.7	2146.4	2139.4	2146.4	2181.2	2188.2	2097.6	1888.5	1616.8	1345.0
20°	1916.4	2034.9	2216.1	2167.3	2181.2	2257.9	2292.7	2216.1	2027.9	1735.2	1442.5
17.5°	1958.2	2034.9	2188.2	2264.9	2285.8	2348.5	2404.2	2355.5	2153.4	1860.7	1574.9
15°	2076.7	2062.8	2167.3	2355.5	2390.3	2439.1	2501.8	2446.0	2264.9	2000.0	1700.4
12.5°	2160.3	2083.7	2167.3	2369.4	2480.9	2529.7	2550.6	2508.8	2362.4	2125.5	1825.8
10°	2271.8	2139.4	2181.2	2355.5	2515.7	2550.6	2571.5	2557.5	2453.0	2230.0	1937.3
7.5°	2355.5	2167.3	2167.3	2334.5	2550.6	2578.5	2592.4	2606.3	2529.7	2320.6	2034.9
5°	2390.3	2167.3	2153.4	2313.6	2585.4	2613.3	2613.3	2634.2	2585.4	2390.3	2104.6
2.5°	2397.3	2160.3	2139.4	2299.7	2648.1	2648.1	2634.2	2655.1	2627.2	2432.1	2153.4
0°	2432.1	2153.4	2132.5	2320.6	2717.8	2690.0	2655.1	2662.1	2648.1	2453.0	2181.2
-2.5°	2432.1	2188.2	2160.3	2334.5	2710.9	2703.9	2690.0	2696.9	2683.0	2515.7	2237.0
-5°	2467.0	2237.0	2209.1	2397.3	2703.9	2724.8	2731.8	2731.8	2710.9	2557.5	2271.8
-7.5°	2473.9	2271.8	2264.9	2460.0	2717.8	2752.7	2773.6	2787.5	2745.7	2585.4	2299.7
-10°	2439.1	2285.8	2320.6	2536.6	2731.8	2780.5	2822.4	2843.3	2773.6	2599.4	2313.6
-12.5°	2362.4	2285.8	2376.4	2634.2	2766.6	2822.4	2885.1	2892.0	2801.5	2606.3	2320.6
-15°	2355.5	2341.5	2473.9	2731.8	2787.5	2857.2	2954.8	2933.9	2822.4	2606.3	2320.6
-17.5°	2348.5	2418.2	2620.3	2766.6	2822.4	2899.0	2975.7	2954.8	2836.3	2606.3	2306.7
-20°	2411.2	2543.6	2794.5	2801.5	2864.2	2947.8	2989.6	2947.8	2815.4	2585.4	2285.8

REPORT NUMBER: P723806

CATALOG NUMBER: IFLD-L-SA8D-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°	2515.7	2766.6	2850.2	2878.1	2933.9	2996.6	3017.5	2954.8	2794.5	2550.6	2250.9
-25°	2780.5	2906.0	2906.0	2968.7	3024.5	3052.3	3031.4	2961.7	2766.6	2515.7	2216.1
-27.5°	2982.6	2975.7	3010.5	3073.2	3122.0	3122.0	3066.3	2926.9	2724.8	2480.9	2167.3
-30°	3059.3	3066.3	3115.1	3184.7	3198.7	3163.8	3080.2	2899.0	2690.0	2425.1	2104.6
-32.5°	3136.0	3163.8	3226.6	3261.4	3268.4	3198.7	3045.4	2850.2	2634.2	2362.4	2034.9
-35°	3226.6	3282.3	3317.1	3324.1	3289.3	3170.8	2996.6	2787.5	2550.6	2271.8	1972.2
-37.5°	3345.0	3372.9	3393.8	3365.9	3268.4	3129.0	2913.0	2703.9	2473.9	2174.3	1881.6
-40°	3421.7	3435.6	3442.6	3352.0	3233.5	3031.4	2822.4	2606.3	2341.5	2062.8	1784.0
-42.5°	3470.5	3456.5	3400.8	3303.2	3129.0	2933.9	2731.8	2487.9	2223.0	1951.3	1679.5
-45°	3456.5	3407.7	3324.1	3205.6	3024.5	2829.3	2592.4	2348.5	2097.6	1832.8	1561.0
-47.5°	3400.8	3324.1	3219.6	3080.2	2913.0	2676.0	2439.1	2202.1	1958.2	1700.4	1449.5
-50°	3331.1	3240.5	3115.1	2940.8	2717.8	2501.8	2285.8	2055.8	1804.9	1568.0	1345.0
-52.5°	3254.4	3156.9	2996.6	2801.5	2557.5	2334.5	2125.5	1902.5	1672.5	1449.5	1254.4
-55°	3170.8	3073.2	2892.0	2669.0	2425.1	2181.2	1979.1	1791.0	1568.0	1351.9	1177.7
-57.5°	3129.0	3003.5	2815.4	2592.4	2334.5	2083.7	1909.4	1707.4	1505.3	1282.3	1115.0
-60°	3094.1	2968.7	2794.5	2536.6	2292.7	2055.8	1853.7	1658.6	1442.5	1233.5	1066.2
-62.5°	2996.6	2864.2	2703.9	2453.0	2216.1	2000.0	1818.9	1588.9	1379.8	1184.7	1031.4
-65°	2801.5	2662.1	2522.7	2299.7	2083.7	1881.6	1700.4	1491.3	1296.2	1128.9	996.5
-67.5°	2494.8	2376.4	2250.9	2062.8	1881.6	1700.4	1533.1	1351.9	1191.7	1073.2	1003.5
-70°	2153.4	2027.9	1902.5	1749.2	1595.9	1449.5	1317.1	1184.7	1080.2	1017.4	961.7
-72.5°	1568.0	1512.2	1449.5	1331.0	1205.6	1115.0	1052.3	996.5	919.9	864.1	829.3
-75°	1045.3	968.7	871.1	829.3	836.3	822.3	787.5	745.7	710.8	689.9	641.1
-77.5°	815.3	773.5	724.8	676.0	655.1	634.2	606.3	571.4	543.6	494.8	425.1
-80°	752.6	717.8	682.9	648.1	613.3	564.5	508.7	453.0	425.1	404.2	397.2
-82.5°	620.2	578.4	536.6	501.8	453.0	418.1	383.3	355.4	355.4	348.4	341.5
-85°	355.4	341.5	320.6	306.6	292.7	271.8	250.9	236.9	230.0	223.0	216.0
-87.5°	181.2	174.2	160.3	153.3	146.3	139.4	125.4	118.5	111.5	111.5	104.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: IFLD-L-SA8D-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°	34.8	34.8	27.9	27.9	27.9	20.9	13.9	13.9	7.0	7.0	0.0
85°	83.6	69.7	62.7	55.8	55.8	41.8	27.9	20.9	13.9	7.0	7.0
82.5°	160.3	139.4	118.5	104.5	83.6	62.7	48.8	34.8	20.9	13.9	7.0
80°	181.2	181.2	174.2	146.3	118.5	90.6	62.7	41.8	27.9	20.9	13.9
77.5°	139.4	153.3	153.3	153.3	146.3	111.5	76.7	48.8	27.9	20.9	13.9
75°	160.3	139.4	132.4	139.4	132.4	111.5	90.6	55.8	34.8	27.9	13.9
72.5°	195.1	167.3	146.3	139.4	125.4	104.5	83.6	62.7	34.8	27.9	20.9
70°	181.2	174.2	160.3	146.3	125.4	104.5	83.6	62.7	41.8	27.9	20.9
67.5°	160.3	160.3	160.3	146.3	125.4	97.6	76.7	55.8	41.8	27.9	20.9
65°	111.5	132.4	146.3	139.4	125.4	97.6	76.7	55.8	41.8	34.8	20.9
62.5°	69.7	90.6	118.5	132.4	118.5	97.6	69.7	55.8	41.8	34.8	20.9
60°	62.7	69.7	83.6	104.5	111.5	90.6	69.7	48.8	41.8	34.8	20.9
57.5°	62.7	62.7	69.7	83.6	90.6	83.6	62.7	41.8	41.8	34.8	27.9
55°	69.7	62.7	62.7	69.7	76.7	76.7	62.7	41.8	41.8	34.8	27.9
52.5°	83.6	69.7	62.7	62.7	62.7	69.7	55.8	41.8	41.8	34.8	27.9
50°	104.5	83.6	76.7	62.7	62.7	62.7	55.8	41.8	34.8	34.8	27.9
47.5°	139.4	111.5	83.6	76.7	62.7	55.8	48.8	41.8	34.8	34.8	27.9
45°	209.1	132.4	111.5	83.6	69.7	62.7	55.8	41.8	34.8	34.8	27.9
42.5°	285.7	195.1	139.4	97.6	76.7	62.7	55.8	48.8	34.8	34.8	27.9
40°	362.4	264.8	174.2	125.4	90.6	69.7	55.8	48.8	41.8	34.8	27.9
37.5°	446.0	327.5	230.0	160.3	104.5	76.7	62.7	48.8	41.8	34.8	27.9
35°	550.5	411.2	285.7	195.1	125.4	90.6	69.7	48.8	41.8	34.8	27.9
32.5°	669.0	487.8	341.5	236.9	160.3	111.5	76.7	55.8	41.8	34.8	27.9
30°	780.5	578.4	404.2	285.7	195.1	125.4	83.6	55.8	41.8	34.8	20.9
27.5°	892.0	669.0	480.8	334.5	236.9	146.3	90.6	62.7	41.8	34.8	27.9
25°	1003.5	759.6	557.5	383.3	271.8	174.2	111.5	69.7	41.8	34.8	27.9
22.5°	1101.1	850.2	627.2	439.0	313.6	202.1	125.4	76.7	48.8	34.8	27.9
20°	1212.6	947.8	703.8	501.8	348.4	230.0	139.4	83.6	48.8	34.8	27.9
17.5°	1317.1	1045.3	780.5	557.5	390.3	257.8	160.3	90.6	55.8	34.8	27.9
15°	1421.6	1135.9	850.2	613.3	432.1	285.7	174.2	97.6	62.7	34.8	27.9
12.5°	1519.2	1219.5	912.9	662.0	466.9	313.6	188.2	104.5	69.7	34.8	27.9
10°	1609.8	1296.2	975.6	703.8	501.8	334.5	202.1	118.5	76.7	34.8	27.9
7.5°	1700.4	1358.9	1024.4	745.7	543.6	362.4	216.0	125.4	83.6	41.8	27.9
5°	1756.1	1414.7	1066.2	780.5	578.4	390.3	230.0	132.4	90.6	41.8	27.9
2.5°	1804.9	1456.5	1094.1	815.3	613.3	411.2	230.0	139.4	97.6	41.8	27.9
0°	1832.8	1484.4	1115.0	836.3	641.1	425.1	236.9	146.3	104.5	41.8	27.9
-2.5°	1895.5	1533.1	1163.8	864.1	669.0	466.9	250.9	153.3	111.5	48.8	27.9
-5°	1937.3	1561.0	1198.6	892.0	689.9	508.7	271.8	167.3	125.4	62.7	34.8
-7.5°	1972.2	1588.9	1226.5	905.9	710.8	522.7	278.8	174.2	132.4	69.7	34.8
-10°	1979.1	1602.8	1247.4	926.8	724.8	543.6	285.7	181.2	139.4	76.7	34.8
-12.5°	1986.1	1616.8	1254.4	940.8	738.7	557.5	292.7	188.2	146.3	83.6	34.8
-15°	1979.1	1609.8	1254.4	954.7	745.7	543.6	306.6	195.1	153.3	90.6	34.8
-17.5°	1965.2	1602.8	1247.4	947.8	738.7	529.6	313.6	209.1	153.3	97.6	41.8
-20°	1944.3	1581.9	1233.5	940.8	731.7	515.7	320.6	216.0	160.3	97.6	41.8

REPORT NUMBER: P723806

CATALOG NUMBER: IFLD-L-SA8D-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°	1909.4	1547.1	1205.6	919.9	717.8	501.8	320.6	230.0	167.3	97.6	41.8
-25°	1867.6	1512.2	1177.7	892.0	696.9	480.8	320.6	236.9	174.2	97.6	41.8
-27.5°	1818.9	1477.4	1135.9	871.1	669.0	466.9	320.6	243.9	181.2	97.6	41.8
-30°	1763.1	1428.6	1101.1	836.3	648.1	466.9	327.5	250.9	188.2	97.6	41.8
-32.5°	1707.4	1379.8	1059.3	808.4	620.2	459.9	327.5	257.8	195.1	90.6	48.8
-35°	1644.6	1324.1	1024.4	787.5	599.3	446.0	334.5	257.8	188.2	90.6	48.8
-37.5°	1568.0	1254.4	989.6	766.6	585.4	432.1	334.5	264.8	181.2	90.6	48.8
-40°	1484.4	1198.6	947.8	738.7	564.5	425.1	334.5	264.8	174.2	90.6	55.8
-42.5°	1393.8	1135.9	905.9	710.8	543.6	418.1	334.5	264.8	167.3	90.6	55.8
-45°	1310.1	1073.2	857.2	676.0	522.7	418.1	334.5	257.8	153.3	97.6	55.8
-47.5°	1219.5	1003.5	801.4	641.1	515.7	411.2	327.5	243.9	139.4	97.6	55.8
-50°	1142.9	933.8	759.6	606.3	501.8	418.1	334.5	223.0	139.4	97.6	55.8
-52.5°	1066.2	885.0	710.8	592.3	487.8	425.1	327.5	209.1	139.4	97.6	55.8
-55°	1003.5	836.3	682.9	571.4	501.8	439.0	313.6	188.2	139.4	97.6	55.8
-57.5°	954.7	808.4	662.0	578.4	522.7	425.1	292.7	181.2	139.4	90.6	55.8
-60°	919.9	780.5	669.0	606.3	529.6	404.2	278.8	181.2	139.4	90.6	48.8
-62.5°	892.0	787.5	703.8	627.2	501.8	376.3	264.8	181.2	125.4	83.6	48.8
-65°	899.0	815.3	717.8	599.3	480.8	348.4	243.9	174.2	118.5	76.7	48.8
-67.5°	919.9	794.4	676.0	564.5	432.1	313.6	223.0	160.3	111.5	76.7	48.8
-70°	850.2	731.7	613.3	480.8	369.3	271.8	209.1	146.3	97.6	69.7	48.8
-72.5°	766.6	613.3	487.8	390.3	313.6	250.9	188.2	132.4	90.6	62.7	41.8
-75°	557.5	446.0	362.4	327.5	278.8	223.0	167.3	118.5	83.6	62.7	41.8
-77.5°	397.2	369.3	334.5	299.7	250.9	195.1	146.3	111.5	76.7	55.8	34.8
-80°	390.3	355.4	313.6	257.8	209.1	167.3	125.4	97.6	69.7	48.8	27.9
-82.5°	327.5	278.8	236.9	195.1	160.3	132.4	104.5	76.7	55.8	34.8	20.9
-85°	202.1	174.2	153.3	132.4	111.5	90.6	69.7	48.8	34.8	20.9	13.9
-87.5°	97.6	90.6	76.7	62.7	55.8	41.8	34.8	27.9	20.9	13.9	7.0
-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: P723806

CATALOG NUMBER: IFLD-L-SA8D-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°	7.0	0.0	0.0	0.0
80°	7.0	0.0	0.0	0.0
77.5°	7.0	0.0	0.0	0.0
75°	7.0	7.0	0.0	0.0
72.5°	7.0	7.0	0.0	0.0
70°	13.9	7.0	7.0	0.0
67.5°	13.9	7.0	7.0	0.0
65°	13.9	7.0	7.0	0.0
62.5°	13.9	7.0	7.0	0.0
60°	13.9	7.0	7.0	0.0
57.5°	13.9	7.0	7.0	0.0
55°	13.9	7.0	7.0	0.0
52.5°	13.9	7.0	7.0	0.0
50°	13.9	7.0	7.0	0.0
47.5°	13.9	13.9	7.0	0.0
45°	13.9	13.9	7.0	0.0
42.5°	13.9	13.9	7.0	0.0
40°	13.9	13.9	7.0	0.0
37.5°	13.9	13.9	7.0	0.0
35°	13.9	13.9	7.0	0.0
32.5°	20.9	13.9	7.0	0.0
30°	20.9	13.9	13.9	0.0
27.5°	20.9	13.9	13.9	0.0
25°	20.9	13.9	13.9	0.0
22.5°	20.9	13.9	13.9	0.0
20°	20.9	13.9	13.9	0.0
17.5°	20.9	13.9	13.9	0.0
15°	20.9	13.9	13.9	0.0
12.5°	20.9	13.9	13.9	0.0
10°	20.9	13.9	13.9	0.0
7.5°	20.9	13.9	13.9	0.0
5°	20.9	13.9	13.9	0.0
2.5°	20.9	13.9	13.9	0.0
0°	20.9	13.9	13.9	0.0
-2.5°	20.9	13.9	13.9	0.0
-5°	20.9	13.9	13.9	0.0
-7.5°	20.9	13.9	13.9	0.0
-10°	20.9	13.9	13.9	0.0
-12.5°	27.9	13.9	13.9	0.0
-15°	27.9	13.9	13.9	0.0
-17.5°	27.9	13.9	13.9	0.0
-20°	27.9	13.9	13.9	0.0

REPORT NUMBER: P723806

CATALOG NUMBER: IFLD-L-SA8D-760-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	27.9	13.9	13.9	0.0
-25°	27.9	13.9	13.9	0.0
-27.5°	27.9	13.9	13.9	0.0
-30°	27.9	13.9	13.9	0.0
-32.5°	27.9	13.9	13.9	0.0
-35°	27.9	13.9	13.9	0.0
-37.5°	27.9	13.9	13.9	0.0
-40°	27.9	13.9	13.9	0.0
-42.5°	20.9	13.9	7.0	0.0
-45°	27.9	13.9	7.0	0.0
-47.5°	27.9	13.9	7.0	0.0
-50°	27.9	13.9	7.0	0.0
-52.5°	27.9	13.9	7.0	0.0
-55°	27.9	13.9	7.0	0.0
-57.5°	27.9	13.9	7.0	0.0
-60°	27.9	13.9	7.0	0.0
-62.5°	27.9	13.9	7.0	0.0
-65°	27.9	13.9	7.0	0.0
-67.5°	27.9	13.9	7.0	0.0
-70°	27.9	7.0	7.0	0.0
-72.5°	20.9	7.0	7.0	0.0
-75°	20.9	7.0	7.0	0.0
-77.5°	13.9	7.0	0.0	0.0
-80°	13.9	7.0	0.0	0.0
-82.5°	13.9	7.0	0.0	0.0
-85°	7.0	0.0	0.0	0.0
-87.5°	7.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)