

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: P724267

Luminaire Tested: **IFLD-L-SA8A-830-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724267
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-830-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (128) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

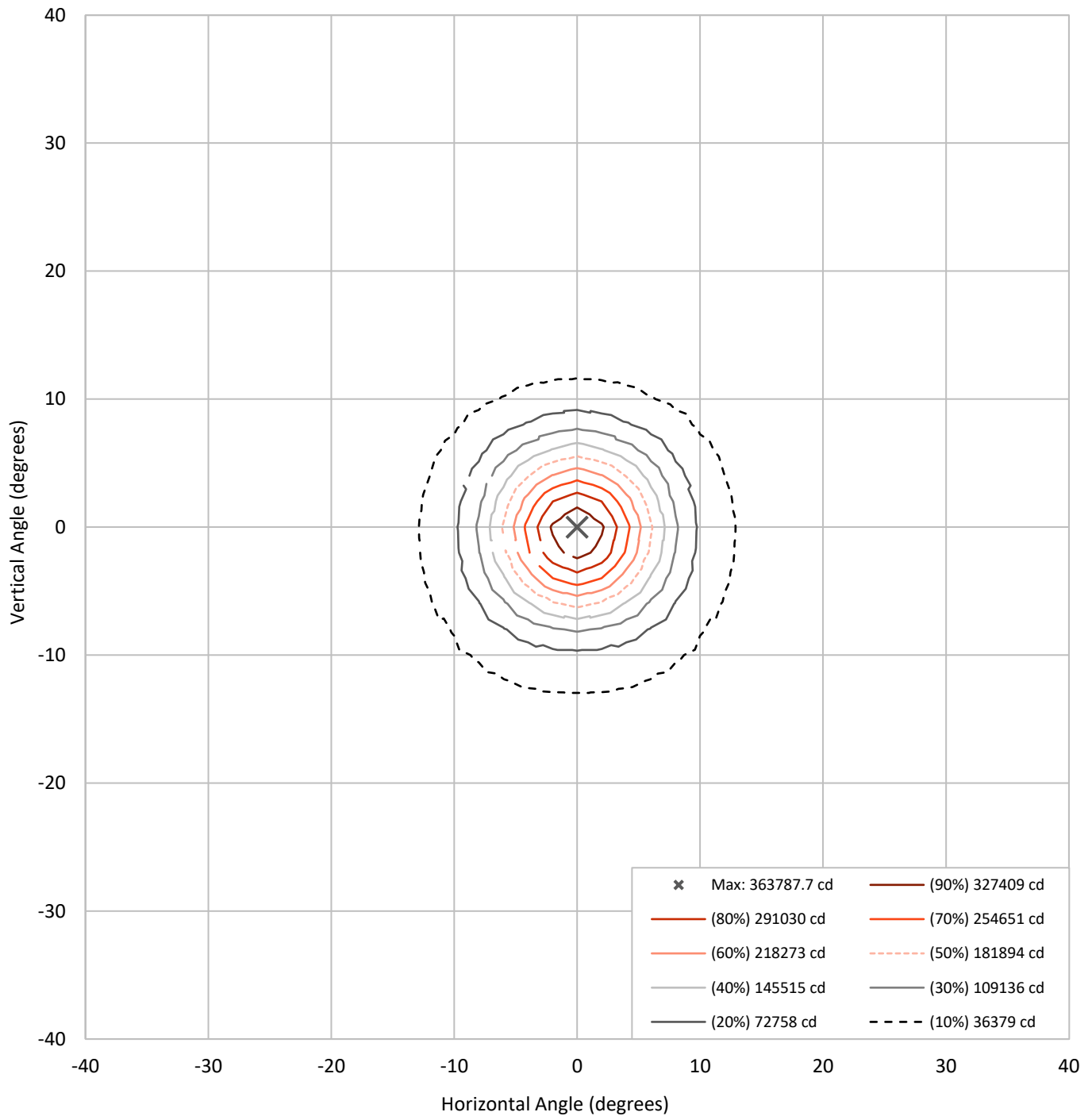
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	25410.8 lumens	Max Intensity:	363787.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	7949.7 lumens	Field Lumens:	18088.3 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 247.8
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: P724267
CATALOG NUMBER: IFLD-L-SA8A-830-U-22-VI

Iso-Candela Plot





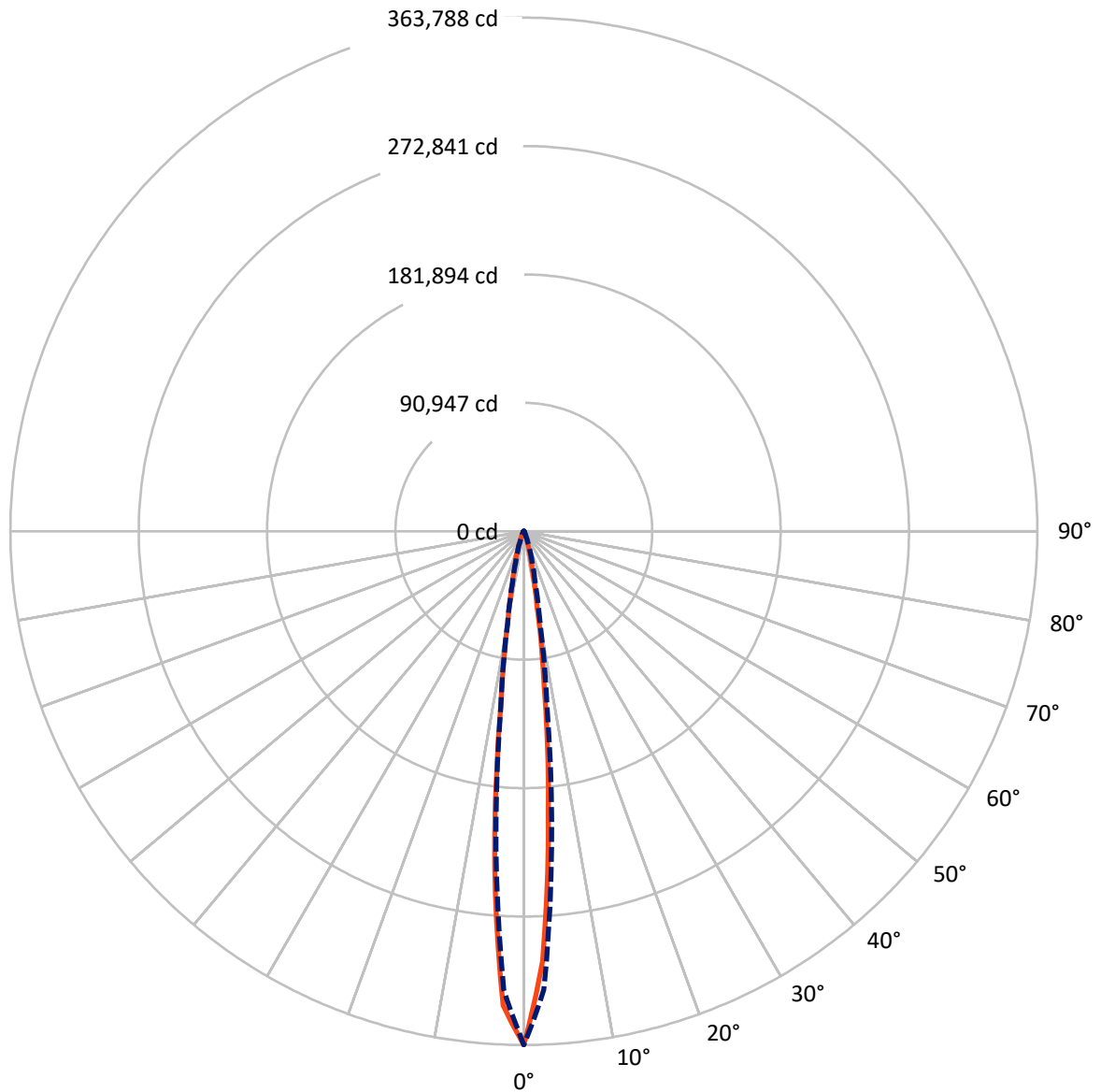
REPORT NUMBER: P724267
 CATALOG NUMBER: IFLD-L-SA8A-830-U-22-VI

Lumen Table

90	0.2	1.5	1.3	0.6	0.1	0.6	1.3	1.5	0.2										
80	0.2	1.5	1.3	0.6	0.1	0.6	1.3	1.5	0.2										
70	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.2			
60		0.2	0.3	0.7	1.3	2.0	2.5	2.8	2.8	2.5	2.0	1.3	0.7	0.3	0.2				
50	0.2	0.2	0.8	2.1	3.6	5.1	6.8	8.0	8.0	6.8	5.1	3.6	2.1	0.8	0.2	0.2			
40		0.4	1.8	3.8	6.5	10.2	15.4	18.5	18.5	15.4	10.2	6.5	3.8	1.8	0.4				
30	0.3	0.8	2.7	5.6	10.2	17.6	33.9	54.7	54.7	33.9	17.6	10.2	5.6	2.7	0.8	0.3			
20		1.1	3.6	7.6	15.5	38.3	200.2	506.5	506.5	200.2	38.3	15.5	7.6	3.6	1.1				
10	0.4	1.4	4.3	9.0	18.9	77.8	644.8	3973.3	3973.3	644.8	77.8	18.9	9.0	4.3	1.4	0.4			
0		1.6	4.7	9.5	19.7	88.7	709.5	4375.7	4375.7	709.5	88.7	19.7	9.5	4.7	1.6				
-10	0.5	1.8	4.9	9.4	18.5	53.2	318.5	767.4	767.4	318.5	53.2	18.5	9.4	4.9	1.8	0.5			
-20		1.7	4.9	9.0	15.6	27.1	65.8	123.6	123.6	65.8	27.1	15.6	9.0	4.9	1.7				
-30	0.5	1.6	4.5	8.3	13.0	19.2	27.2	31.9	31.9	27.2	19.2	13.0	8.3	4.5	1.6	0.5			
-40		1.4	3.9	7.4	11.3	14.9	18.9	21.0	21.0	18.9	14.9	11.3	7.4	3.9	1.4				
-50	0.5	1.1	3.1	6.3	9.9	13.1	16.0	17.5	17.5	16.0	13.1	9.9	6.3	3.1	1.1	0.5			
-60		0.9	2.3	4.6	7.6	10.4	13.1	14.6	14.6	13.1	10.4	7.6	4.6	2.3	0.9				
-70	0.5	0.9	2.3	4.6	7.6	10.4	13.1	14.6	14.6	13.1	10.4	7.6	4.6	2.3	0.9	0.5			
-80		0.3	3.4	9.5	17.6	21.2	17.6	9.5	3.4	0.3									
-90	0.3	3.4	9.5	17.6	21.2	17.6	9.5	3.4	0.3										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P724267
CATALOG NUMBER: IFLD-L-SA8A-830-U-22-VI

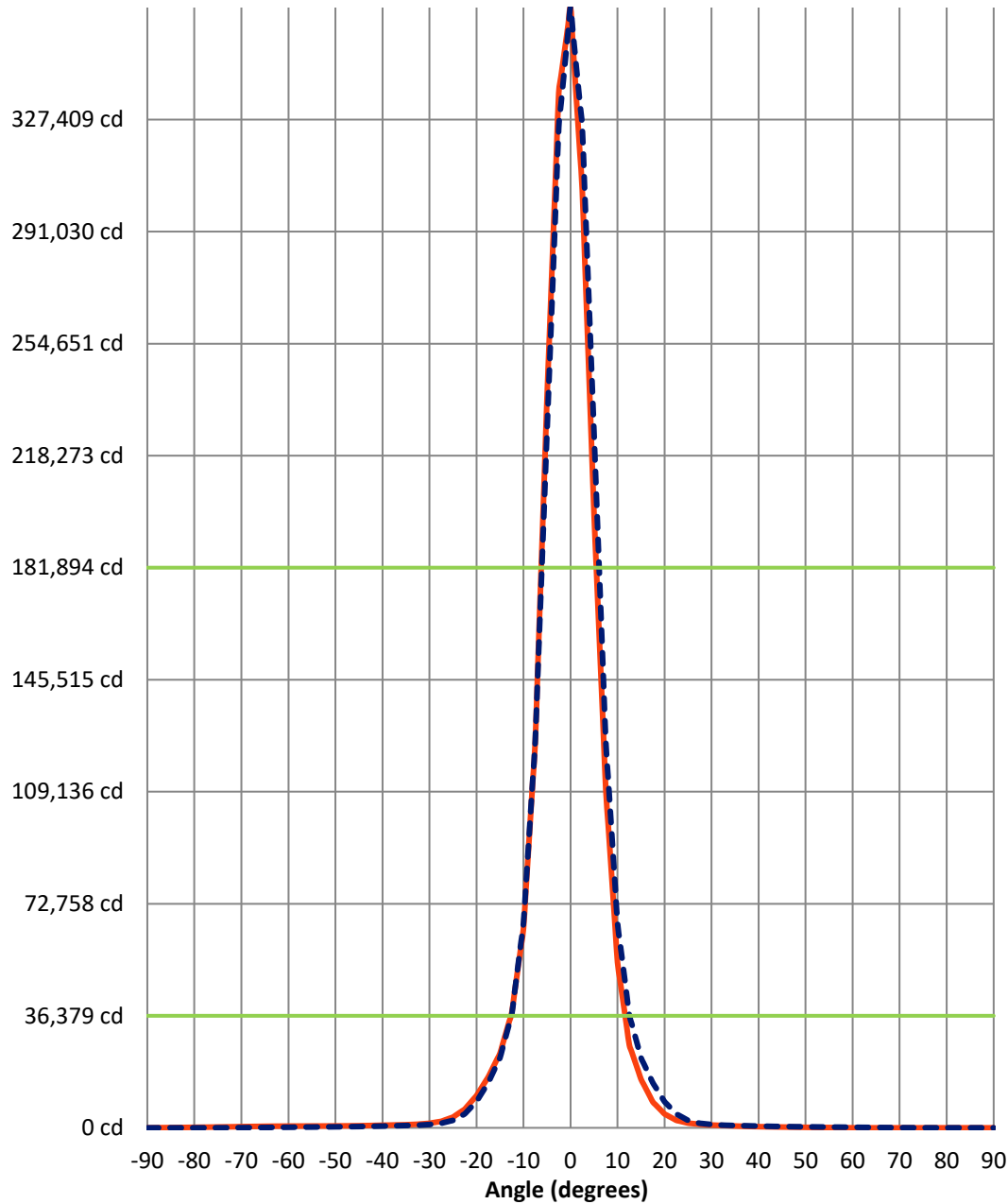
Luminous Intensity Polar Plot



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

REPORT NUMBER: P724267
CATALOG NUMBER: IFLD-L-SA8A-830-U-22-VI

Luminous Intensity Plot



Beam:
H Angle: 12.2°
V Angle: 11.7°
Lumens: 7949.7
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 18088.3
Efficiency: 71.2%

Spill:
Lumens: 7322.5
Efficiency: 28.8%

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



REPORT NUMBER: P724267
 CATALOG NUMBER: IFLD-L-SA8A-830-U-22-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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	4.6
85°	0.0	0.0	0.0	0.0	4.6	4.6	4.6	4.6	4.6	9.1	9.1
82.5°	0.0	0.0	0.0	0.0	4.6	4.6	4.6	4.6	9.1	9.1	9.1
80°	0.0	0.0	0.0	0.0	4.6	4.6	4.6	4.6	9.1	9.1	9.1
77.5°	0.0	0.0	0.0	0.0	4.6	4.6	4.6	4.6	4.6	4.6	9.1
75°	0.0	0.0	0.0	0.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6
72.5°	0.0	0.0	0.0	0.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6
70°	0.0	0.0	0.0	0.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6
67.5°	0.0	0.0	0.0	0.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6
65°	0.0	0.0	0.0	0.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6
62.5°	0.0	0.0	0.0	0.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6
60°	9.1	9.1	9.1	9.1	13.7	13.7	18.2	18.2	18.2	9.1	18.2
57.5°	72.8	72.8	68.3	63.7	59.2	54.6	54.6	54.6	54.6	54.6	45.5
55°	100.2	100.2	100.2	95.6	95.6	91.0	86.5	81.9	81.9	77.4	72.8
52.5°	118.4	118.4	118.4	118.4	113.8	113.8	113.8	109.3	100.2	100.2	95.6
50°	168.4	163.9	163.9	163.9	163.9	154.8	150.2	141.1	136.6	132.0	127.5
47.5°	218.5	218.5	214.0	214.0	209.4	200.3	191.2	182.1	173.0	168.4	159.3
45°	259.5	259.5	254.9	254.9	250.4	241.3	227.6	214.0	204.9	195.8	186.6
42.5°	318.7	314.1	309.6	305.0	295.9	282.2	264.0	245.8	232.2	218.5	209.4
40°	382.4	382.4	377.9	373.3	359.6	346.0	323.2	300.5	277.7	250.4	236.7
37.5°	459.8	464.3	468.9	468.9	459.8	441.6	409.7	382.4	346.0	309.6	291.4
35°	600.9	600.9	610.0	610.0	596.4	573.6	550.8	491.7	446.1	400.6	359.6
32.5°	755.7	760.3	742.0	728.4	710.2	682.9	641.9	591.8	541.7	482.6	437.0
30°	905.9	905.9	883.2	855.9	819.4	773.9	723.8	669.2	610.0	550.8	496.2
27.5°	1142.7	1119.9	1101.7	1056.2	992.4	905.9	842.2	755.7	678.3	610.0	550.8
25°	1534.2	1529.6	1488.6	1411.2	1283.8	1147.2	1042.5	896.8	778.5	673.8	605.5
22.5°	2440.1	2408.2	2312.6	2121.4	1821.0	1584.2	1370.3	1142.7	928.7	787.6	678.3
20°	4511.4	4406.7	4151.8	3623.7	2950.0	2485.6	1953.0	1570.6	1210.9	946.9	783.0
17.5°	8417.4	8349.1	8253.5	7033.5	5663.2	4679.9	3482.6	2408.2	1720.8	1238.3	928.7
15°	15778.7	15273.3	14217.2	12755.9	10839.3	8376.4	6159.4	3887.8	2458.3	1648.0	1179.1
12.5°	26973.0	26413.1	23686.2	20030.6	16584.4	13079.1	9182.2	5909.0	3500.8	2094.1	1397.6
10°	53745.8	49680.5	42046.1	31379.8	24492.0	18264.3	12892.4	8062.3	4557.0	2645.0	1657.1
7.5°	110081.9	96797.9	74591.3	52657.7	34083.9	23954.8	16466.1	10543.4	6072.9	3309.6	1893.8
5°	199518.5	175950.7	132557.1	79817.4	49493.8	30023.2	19538.9	12537.3	7188.3	3851.3	2130.5
2.5°	304651.9	274164.4	191642.9	109754.1	61029.6	34721.2	21687.7	13848.4	7898.4	4220.1	2312.6
0°	363787.7	324955.7	225690.3	125655.7	66524.4	36715.2	22739.3	14636.0	8499.4	4520.5	2431.0
-2.5°	336049.9	304788.5	207412.4	116723.8	63569.9	35841.1	22889.5	14831.8	8599.5	4602.5	2485.6
-5°	236848.3	211190.9	143514.8	86136.2	53937.0	33014.1	21596.6	14094.3	8321.8	4484.1	2462.9
-7.5°	125305.1	113696.5	85111.9	61894.6	39369.3	27942.7	19443.3	12787.7	7602.5	4165.5	2326.3
-10°	64739.8	62358.9	53736.7	40507.4	31857.8	23408.5	16593.5	10934.9	6355.2	3587.3	2094.1
-12.5°	37325.2	36920.1	34147.6	29313.0	24428.2	19229.4	13616.3	8918.2	5303.6	2972.7	1766.3
-15°	24168.8	24341.7	23376.6	21364.5	18582.9	14390.2	10461.4	6632.9	3924.2	2408.2	1556.9
-17.5°	16493.4	16447.9	15997.2	14617.8	12378.0	9719.4	6933.3	4684.4	2972.7	1875.6	1292.9
-20°	10434.1	10452.3	10033.5	9082.1	7434.1	5991.0	4315.7	3159.4	2107.8	1475.0	1142.7



REPORT NUMBER: P724267
 CATALOG NUMBER: IFLD-L-SA8A-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	6054.7	6068.4	5804.3	5267.1	4402.2	3550.9	2804.3	2089.6	1552.4	1229.2	1001.5
-25°	3478.0	3423.4	3318.7	3059.2	2654.1	2189.7	1861.9	1470.4	1242.8	1042.5	915.0
-27.5°	2107.8	2071.3	2016.7	1902.9	1743.6	1511.4	1361.2	1188.2	1056.2	937.8	860.4
-30°	1470.4	1484.1	1438.6	1379.4	1306.5	1201.8	1119.9	1037.9	951.5	878.6	805.8
-32.5°	1170.0	1179.1	1156.3	1133.6	1097.1	1056.2	1006.1	946.9	878.6	810.3	742.0
-35°	1006.1	1010.6	1010.6	1006.1	997.0	965.1	928.7	874.1	810.3	746.6	687.4
-37.5°	924.1	928.7	928.7	924.1	910.5	883.2	846.7	801.2	742.0	682.9	637.3
-40°	837.6	842.2	837.6	828.5	814.9	787.6	760.3	723.8	678.3	628.2	587.3
-42.5°	755.7	751.1	746.6	737.5	723.8	705.6	682.9	655.5	623.7	587.3	555.4
-45°	678.3	678.3	673.8	669.2	660.1	646.4	632.8	610.0	587.3	559.9	532.6
-47.5°	637.3	637.3	632.8	628.2	623.7	614.6	600.9	582.7	564.5	541.7	519.0
-50°	610.0	610.0	610.0	605.5	600.9	591.8	578.2	564.5	546.3	523.5	500.8
-52.5°	591.8	591.8	591.8	587.3	582.7	578.2	564.5	546.3	523.5	505.3	487.1
-55°	582.7	578.2	578.2	573.6	569.1	564.5	546.3	528.1	509.9	491.7	473.5
-57.5°	569.1	564.5	564.5	559.9	555.4	550.8	532.6	514.4	496.2	473.5	459.8
-60°	555.4	550.8	550.8	541.7	537.2	532.6	514.4	496.2	478.0	459.8	441.6
-62.5°	537.2	532.6	528.1	523.5	514.4	505.3	491.7	473.5	450.7	432.5	414.3
-65°	496.2	491.7	487.1	482.6	478.0	473.5	459.8	437.0	418.8	400.6	382.4
-67.5°	446.1	446.1	446.1	437.0	432.5	423.4	414.3	396.1	377.9	359.6	346.0
-70°	387.0	387.0	387.0	377.9	373.3	368.7	355.1	341.4	327.8	314.1	295.9
-72.5°	327.8	323.2	323.2	318.7	309.6	305.0	295.9	286.8	273.1	264.0	250.4
-75°	268.6	264.0	264.0	259.5	254.9	250.4	241.3	236.7	227.6	218.5	204.9
-77.5°	214.0	214.0	214.0	209.4	204.9	200.3	195.8	191.2	186.6	177.5	168.4
-80°	163.9	163.9	163.9	163.9	163.9	163.9	163.9	159.3	150.2	145.7	141.1
-82.5°	118.4	122.9	122.9	122.9	122.9	122.9	122.9	122.9	118.4	113.8	109.3
-85°	77.4	81.9	81.9	86.5	91.0	91.0	95.6	91.0	86.5	77.4	72.8
-87.5°	41.0	41.0	41.0	41.0	41.0	41.0	41.0	36.4	36.4	36.4	31.9
-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: P724267
 CATALOG NUMBER: IFLD-L-SA8A-830-U-22-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	9.1	9.1	9.1
85°	9.1	9.1	9.1	9.1	13.7	13.7	13.7	18.2	18.2	18.2	18.2
82.5°	9.1	13.7	13.7	13.7	18.2	18.2	22.8	27.3	36.4	41.0	41.0
80°	9.1	13.7	13.7	13.7	18.2	18.2	22.8	22.8	27.3	31.9	41.0
77.5°	9.1	9.1	13.7	13.7	13.7	18.2	18.2	22.8	22.8	27.3	31.9
75°	4.6	9.1	9.1	9.1	13.7	13.7	18.2	18.2	22.8	22.8	27.3
72.5°	4.6	9.1	9.1	9.1	13.7	13.7	18.2	18.2	18.2	22.8	22.8
70°	4.6	9.1	9.1	9.1	9.1	13.7	13.7	13.7	18.2	18.2	18.2
67.5°	4.6	4.6	4.6	9.1	9.1	9.1	9.1	13.7	13.7	13.7	18.2
65°	4.6	4.6	4.6	4.6	9.1	9.1	9.1	9.1	13.7	13.7	13.7
62.5°	4.6	4.6	4.6	9.1	9.1	9.1	9.1	9.1	13.7	13.7	13.7
60°	18.2	18.2	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
57.5°	41.0	41.0	36.4	31.9	27.3	27.3	22.8	18.2	18.2	13.7	13.7
55°	68.3	63.7	59.2	50.1	45.5	41.0	36.4	27.3	22.8	18.2	13.7
52.5°	86.5	81.9	77.4	72.8	63.7	54.6	50.1	45.5	36.4	27.3	22.8
50°	127.5	113.8	104.7	95.6	86.5	77.4	68.3	63.7	50.1	41.0	31.9
47.5°	154.8	145.7	132.0	122.9	113.8	100.2	86.5	77.4	68.3	54.6	41.0
45°	177.5	168.4	154.8	145.7	136.6	122.9	109.3	95.6	86.5	72.8	54.6
42.5°	200.3	191.2	177.5	168.4	154.8	141.1	127.5	113.8	100.2	91.0	72.8
40°	232.2	218.5	200.3	191.2	182.1	163.9	145.7	132.0	118.4	104.7	86.5
37.5°	273.1	259.5	236.7	218.5	204.9	191.2	173.0	154.8	141.1	122.9	104.7
35°	336.9	314.1	282.2	254.9	236.7	218.5	195.8	177.5	159.3	141.1	122.9
32.5°	400.6	364.2	323.2	291.4	264.0	241.3	218.5	200.3	177.5	154.8	136.6
30°	450.7	409.7	368.7	323.2	291.4	264.0	241.3	218.5	195.8	173.0	150.2
27.5°	500.8	455.2	409.7	364.2	318.7	282.2	259.5	236.7	214.0	191.2	163.9
25°	550.8	500.8	455.2	405.2	350.5	309.6	277.7	259.5	236.7	209.4	177.5
22.5°	596.4	550.8	505.3	450.7	387.0	332.3	300.5	277.7	254.9	223.1	195.8
20°	682.9	623.7	569.1	500.8	427.9	373.3	332.3	300.5	273.1	241.3	209.4
17.5°	796.7	710.2	637.3	559.9	487.1	418.8	359.6	323.2	295.9	259.5	223.1
15°	942.3	792.1	701.1	623.7	537.2	459.8	396.1	346.0	309.6	273.1	241.3
12.5°	1051.6	855.9	755.7	682.9	591.8	505.3	423.4	364.2	323.2	286.8	250.4
10°	1174.5	924.1	801.2	719.3	623.7	528.1	441.6	377.9	332.3	300.5	264.0
7.5°	1274.7	978.8	824.0	732.9	641.9	546.3	459.8	391.5	346.0	309.6	273.1
5°	1365.7	1024.3	842.2	737.5	651.0	559.9	468.9	400.6	355.1	318.7	282.2
2.5°	1429.5	1065.3	860.4	746.6	660.1	569.1	482.6	409.7	364.2	327.8	291.4
0°	1484.1	1078.9	855.9	746.6	664.7	569.1	487.1	414.3	368.7	332.3	295.9
-2.5°	1502.3	1101.7	878.6	755.7	673.8	578.2	496.2	418.8	373.3	336.9	305.0
-5°	1502.3	1083.5	878.6	764.8	678.3	582.7	496.2	423.4	377.9	341.4	305.0
-7.5°	1447.7	1056.2	874.1	773.9	682.9	587.3	496.2	427.9	382.4	346.0	309.6
-10°	1352.1	1015.2	869.5	778.5	682.9	582.7	496.2	427.9	382.4	346.0	314.1
-12.5°	1197.3	960.6	846.7	769.4	673.8	573.6	491.7	427.9	382.4	350.5	314.1
-15°	1119.9	915.0	819.4	742.0	651.0	559.9	482.6	423.4	382.4	350.5	318.7
-17.5°	1015.2	878.6	792.1	714.7	632.8	546.3	473.5	423.4	382.4	346.0	318.7
-20°	942.3	837.6	760.3	692.0	610.0	532.6	468.9	418.8	382.4	346.0	318.7



REPORT NUMBER: P724267
 CATALOG NUMBER: IFLD-L-SA8A-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	878.6	792.1	723.8	655.5	582.7	514.4	459.8	414.3	377.9	346.0	318.7
-25°	828.5	751.1	687.4	623.7	559.9	500.8	450.7	409.7	373.3	346.0	314.1
-27.5°	783.0	710.2	651.0	591.8	532.6	487.1	441.6	405.2	373.3	341.4	309.6
-30°	732.9	673.8	614.6	559.9	519.0	473.5	432.5	396.1	368.7	336.9	305.0
-32.5°	682.9	628.2	578.2	537.2	500.8	464.3	427.9	391.5	359.6	327.8	295.9
-35°	637.3	587.3	550.8	514.4	487.1	455.2	418.8	382.4	355.1	323.2	295.9
-37.5°	591.8	555.4	523.5	496.2	468.9	441.6	405.2	373.3	346.0	314.1	282.2
-40°	555.4	528.1	505.3	482.6	455.2	423.4	396.1	364.2	336.9	305.0	268.6
-42.5°	532.6	509.9	487.1	464.3	441.6	414.3	387.0	355.1	327.8	295.9	259.5
-45°	509.9	491.7	473.5	455.2	432.5	405.2	373.3	341.4	314.1	282.2	254.9
-47.5°	496.2	478.0	459.8	446.1	427.9	391.5	364.2	332.3	300.5	273.1	241.3
-50°	482.6	464.3	450.7	432.5	409.7	377.9	350.5	318.7	291.4	259.5	232.2
-52.5°	468.9	450.7	432.5	414.3	391.5	364.2	336.9	309.6	277.7	245.8	218.5
-55°	455.2	437.0	418.8	400.6	377.9	355.1	327.8	291.4	259.5	227.6	200.3
-57.5°	441.6	427.9	405.2	382.4	359.6	336.9	305.0	273.1	241.3	209.4	186.6
-60°	423.4	405.2	387.0	359.6	336.9	309.6	282.2	254.9	223.1	195.8	173.0
-62.5°	396.1	377.9	359.6	332.3	309.6	286.8	264.0	232.2	209.4	182.1	159.3
-65°	364.2	346.0	327.8	305.0	282.2	259.5	241.3	214.0	191.2	168.4	150.2
-67.5°	327.8	309.6	295.9	273.1	254.9	232.2	214.0	191.2	168.4	150.2	132.0
-70°	282.2	268.6	254.9	236.7	218.5	200.3	182.1	163.9	145.7	132.0	113.8
-72.5°	241.3	227.6	214.0	200.3	186.6	168.4	154.8	141.1	127.5	113.8	104.7
-75°	195.8	186.6	177.5	168.4	154.8	141.1	132.0	118.4	109.3	100.2	95.6
-77.5°	163.9	154.8	145.7	136.6	127.5	118.4	109.3	100.2	95.6	91.0	86.5
-80°	132.0	127.5	122.9	113.8	109.3	100.2	95.6	86.5	86.5	86.5	86.5
-82.5°	104.7	100.2	95.6	91.0	86.5	81.9	81.9	77.4	81.9	81.9	77.4
-85°	72.8	68.3	63.7	63.7	59.2	59.2	54.6	54.6	54.6	50.1	50.1
-87.5°	31.9	31.9	31.9	31.9	27.3	27.3	27.3	27.3	27.3	22.8	22.8
-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: P724267
 CATALOG NUMBER: IFLD-L-SA8A-830-U-22-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°	9.1	9.1	4.6	4.6	4.6	4.6	4.6	4.6	4.6	0.0	0.0
85°	18.2	18.2	13.7	13.7	13.7	9.1	9.1	4.6	4.6	4.6	4.6
82.5°	41.0	36.4	31.9	27.3	22.8	18.2	13.7	9.1	9.1	4.6	4.6
80°	50.1	50.1	50.1	45.5	36.4	27.3	18.2	13.7	9.1	4.6	4.6
77.5°	36.4	36.4	41.0	45.5	45.5	36.4	22.8	13.7	9.1	9.1	4.6
75°	27.3	27.3	27.3	31.9	36.4	36.4	27.3	18.2	9.1	9.1	4.6
72.5°	27.3	27.3	27.3	27.3	27.3	27.3	27.3	18.2	13.7	9.1	9.1
70°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	18.2	13.7	9.1	9.1
67.5°	18.2	18.2	22.8	22.8	22.8	18.2	18.2	18.2	13.7	9.1	9.1
65°	13.7	18.2	18.2	22.8	18.2	18.2	18.2	13.7	13.7	9.1	9.1
62.5°	13.7	13.7	18.2	18.2	18.2	18.2	13.7	13.7	13.7	9.1	9.1
60°	13.7	13.7	13.7	18.2	13.7	13.7	13.7	13.7	13.7	9.1	9.1
57.5°	13.7	13.7	13.7	13.7	13.7	13.7	13.7	9.1	9.1	9.1	9.1
55°	13.7	13.7	13.7	13.7	13.7	13.7	9.1	9.1	9.1	9.1	9.1
52.5°	18.2	13.7	13.7	13.7	13.7	13.7	9.1	9.1	9.1	9.1	9.1
50°	22.8	13.7	13.7	13.7	13.7	9.1	9.1	9.1	9.1	9.1	9.1
47.5°	31.9	22.8	18.2	13.7	13.7	9.1	9.1	9.1	9.1	9.1	4.6
45°	45.5	31.9	22.8	18.2	13.7	9.1	9.1	9.1	9.1	9.1	4.6
42.5°	54.6	41.0	27.3	22.8	18.2	13.7	9.1	9.1	9.1	4.6	4.6
40°	68.3	54.6	36.4	27.3	18.2	13.7	9.1	9.1	9.1	4.6	4.6
37.5°	86.5	68.3	45.5	31.9	22.8	13.7	13.7	9.1	9.1	4.6	4.6
35°	100.2	77.4	59.2	36.4	27.3	18.2	13.7	9.1	9.1	4.6	4.6
32.5°	113.8	91.0	72.8	45.5	31.9	22.8	18.2	9.1	9.1	4.6	4.6
30°	127.5	104.7	81.9	59.2	41.0	27.3	18.2	9.1	9.1	4.6	4.6
27.5°	141.1	113.8	91.0	68.3	45.5	31.9	22.8	13.7	9.1	4.6	4.6
25°	154.8	127.5	100.2	77.4	50.1	36.4	22.8	13.7	9.1	9.1	4.6
22.5°	163.9	141.1	113.8	86.5	59.2	41.0	27.3	18.2	9.1	9.1	4.6
20°	177.5	154.8	122.9	95.6	68.3	45.5	27.3	18.2	9.1	9.1	4.6
17.5°	191.2	163.9	132.0	104.7	77.4	50.1	31.9	22.8	9.1	9.1	4.6
15°	204.9	173.0	141.1	109.3	81.9	54.6	31.9	22.8	9.1	9.1	4.6
12.5°	218.5	186.6	150.2	118.4	86.5	59.2	36.4	27.3	13.7	9.1	4.6
10°	227.6	195.8	159.3	122.9	91.0	68.3	41.0	27.3	13.7	9.1	4.6
7.5°	241.3	204.9	168.4	132.0	95.6	72.8	45.5	27.3	13.7	9.1	4.6
5°	245.8	214.0	173.0	141.1	100.2	77.4	50.1	31.9	13.7	9.1	4.6
2.5°	250.4	223.1	177.5	145.7	104.7	77.4	50.1	31.9	18.2	9.1	4.6
0°	254.9	227.6	182.1	150.2	109.3	81.9	54.6	31.9	18.2	9.1	4.6
-2.5°	259.5	232.2	191.2	154.8	113.8	86.5	59.2	31.9	18.2	9.1	4.6
-5°	264.0	232.2	200.3	159.3	118.4	86.5	59.2	36.4	22.8	9.1	4.6
-7.5°	268.6	236.7	204.9	163.9	122.9	86.5	63.7	36.4	22.8	13.7	4.6
-10°	273.1	241.3	209.4	168.4	122.9	91.0	63.7	36.4	22.8	13.7	4.6
-12.5°	277.7	245.8	209.4	168.4	127.5	91.0	63.7	41.0	22.8	13.7	4.6
-15°	282.2	245.8	209.4	168.4	127.5	95.6	68.3	41.0	22.8	13.7	9.1
-17.5°	282.2	245.8	209.4	173.0	127.5	95.6	68.3	41.0	22.8	13.7	9.1
-20°	282.2	245.8	209.4	173.0	127.5	95.6	68.3	41.0	22.8	13.7	9.1



REPORT NUMBER: P724267
 CATALOG NUMBER: IFLD-L-SA8A-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	277.7	241.3	209.4	168.4	127.5	95.6	68.3	41.0	27.3	13.7	9.1
-25°	277.7	241.3	209.4	168.4	127.5	95.6	63.7	41.0	27.3	13.7	9.1
-27.5°	273.1	241.3	204.9	163.9	122.9	91.0	63.7	41.0	27.3	13.7	9.1
-30°	268.6	236.7	200.3	159.3	122.9	91.0	63.7	41.0	27.3	13.7	9.1
-32.5°	264.0	227.6	195.8	154.8	118.4	86.5	63.7	41.0	27.3	13.7	9.1
-35°	254.9	223.1	186.6	150.2	113.8	86.5	59.2	41.0	27.3	18.2	9.1
-37.5°	245.8	214.0	182.1	145.7	109.3	81.9	59.2	41.0	27.3	18.2	9.1
-40°	236.7	209.4	173.0	136.6	104.7	77.4	59.2	41.0	27.3	18.2	13.7
-42.5°	227.6	200.3	168.4	132.0	104.7	77.4	54.6	41.0	27.3	18.2	13.7
-45°	223.1	195.8	159.3	127.5	100.2	77.4	54.6	36.4	27.3	18.2	13.7
-47.5°	214.0	182.1	150.2	122.9	95.6	72.8	50.1	36.4	27.3	18.2	13.7
-50°	200.3	173.0	145.7	118.4	91.0	68.3	50.1	36.4	27.3	18.2	13.7
-52.5°	186.6	159.3	136.6	109.3	86.5	68.3	50.1	36.4	27.3	18.2	13.7
-55°	173.0	150.2	127.5	104.7	81.9	63.7	45.5	36.4	27.3	18.2	13.7
-57.5°	163.9	141.1	118.4	95.6	77.4	59.2	45.5	31.9	22.8	18.2	13.7
-60°	154.8	132.0	109.3	91.0	72.8	59.2	45.5	31.9	22.8	18.2	9.1
-62.5°	141.1	122.9	100.2	86.5	68.3	54.6	41.0	31.9	22.8	18.2	9.1
-65°	127.5	109.3	91.0	77.4	63.7	50.1	41.0	31.9	22.8	18.2	9.1
-67.5°	113.8	100.2	86.5	72.8	59.2	50.1	41.0	31.9	22.8	13.7	9.1
-70°	104.7	91.0	77.4	68.3	59.2	45.5	41.0	31.9	22.8	13.7	9.1
-72.5°	91.0	81.9	72.8	63.7	54.6	50.1	41.0	31.9	18.2	13.7	9.1
-75°	86.5	77.4	68.3	63.7	59.2	50.1	41.0	27.3	18.2	13.7	9.1
-77.5°	86.5	77.4	72.8	68.3	59.2	50.1	36.4	22.8	13.7	13.7	9.1
-80°	86.5	81.9	77.4	63.7	54.6	41.0	27.3	22.8	13.7	9.1	4.6
-82.5°	77.4	63.7	54.6	45.5	41.0	31.9	22.8	18.2	9.1	9.1	4.6
-85°	50.1	41.0	36.4	31.9	27.3	22.8	13.7	9.1	9.1	4.6	4.6
-87.5°	22.8	22.8	18.2	13.7	13.7	9.1	9.1	4.6	4.6	4.6	0.0
-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: P724267
 CATALOG NUMBER: IFLD-L-SA8A-830-U-22-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°	0.0	0.0	0.0	0.0
80°	4.6	0.0	0.0	0.0
77.5°	4.6	0.0	0.0	0.0
75°	4.6	4.6	0.0	0.0
72.5°	4.6	4.6	0.0	0.0
70°	4.6	4.6	0.0	0.0
67.5°	4.6	4.6	0.0	0.0
65°	4.6	4.6	0.0	0.0
62.5°	4.6	4.6	0.0	0.0
60°	4.6	4.6	0.0	0.0
57.5°	4.6	4.6	4.6	0.0
55°	4.6	4.6	4.6	0.0
52.5°	4.6	4.6	4.6	0.0
50°	4.6	4.6	4.6	0.0
47.5°	4.6	4.6	4.6	0.0
45°	4.6	4.6	4.6	0.0
42.5°	4.6	4.6	4.6	0.0
40°	4.6	4.6	4.6	0.0
37.5°	4.6	4.6	4.6	0.0
35°	4.6	4.6	4.6	0.0
32.5°	4.6	4.6	4.6	0.0
30°	4.6	4.6	4.6	0.0
27.5°	4.6	4.6	4.6	0.0
25°	4.6	4.6	4.6	0.0
22.5°	4.6	4.6	4.6	0.0
20°	4.6	4.6	4.6	0.0
17.5°	4.6	4.6	4.6	0.0
15°	4.6	4.6	4.6	0.0
12.5°	4.6	4.6	4.6	0.0
10°	4.6	4.6	4.6	0.0
7.5°	4.6	4.6	4.6	0.0
5°	4.6	4.6	4.6	0.0
2.5°	4.6	4.6	4.6	0.0
0°	4.6	4.6	4.6	0.0
-2.5°	4.6	4.6	4.6	0.0
-5°	4.6	4.6	4.6	0.0
-7.5°	4.6	4.6	4.6	0.0
-10°	4.6	4.6	4.6	0.0
-12.5°	4.6	4.6	4.6	0.0
-15°	4.6	4.6	4.6	0.0
-17.5°	4.6	4.6	4.6	0.0
-20°	4.6	4.6	4.6	0.0



REPORT NUMBER: P724267
CATALOG NUMBER: IFLD-L-SA8A-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	4.6	4.6	4.6	0.0
-25°	4.6	4.6	4.6	0.0
-27.5°	4.6	4.6	4.6	0.0
-30°	4.6	4.6	4.6	0.0
-32.5°	4.6	4.6	4.6	0.0
-35°	4.6	4.6	4.6	0.0
-37.5°	4.6	4.6	4.6	0.0
-40°	4.6	4.6	4.6	0.0
-42.5°	4.6	4.6	4.6	0.0
-45°	4.6	4.6	4.6	0.0
-47.5°	4.6	4.6	4.6	0.0
-50°	4.6	4.6	4.6	0.0
-52.5°	4.6	4.6	4.6	0.0
-55°	4.6	4.6	4.6	0.0
-57.5°	4.6	4.6	4.6	0.0
-60°	4.6	4.6	0.0	0.0
-62.5°	4.6	4.6	0.0	0.0
-65°	4.6	4.6	0.0	0.0
-67.5°	4.6	4.6	0.0	0.0
-70°	4.6	4.6	0.0	0.0
-72.5°	4.6	4.6	0.0	0.0
-75°	4.6	4.6	0.0	0.0
-77.5°	4.6	0.0	0.0	0.0
-80°	4.6	0.0	0.0	0.0
-82.5°	4.6	0.0	0.0	0.0
-85°	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)