

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: P724229

Luminaire Tested: **IFLD-M-SA4B-827-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724229
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-827-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (64) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

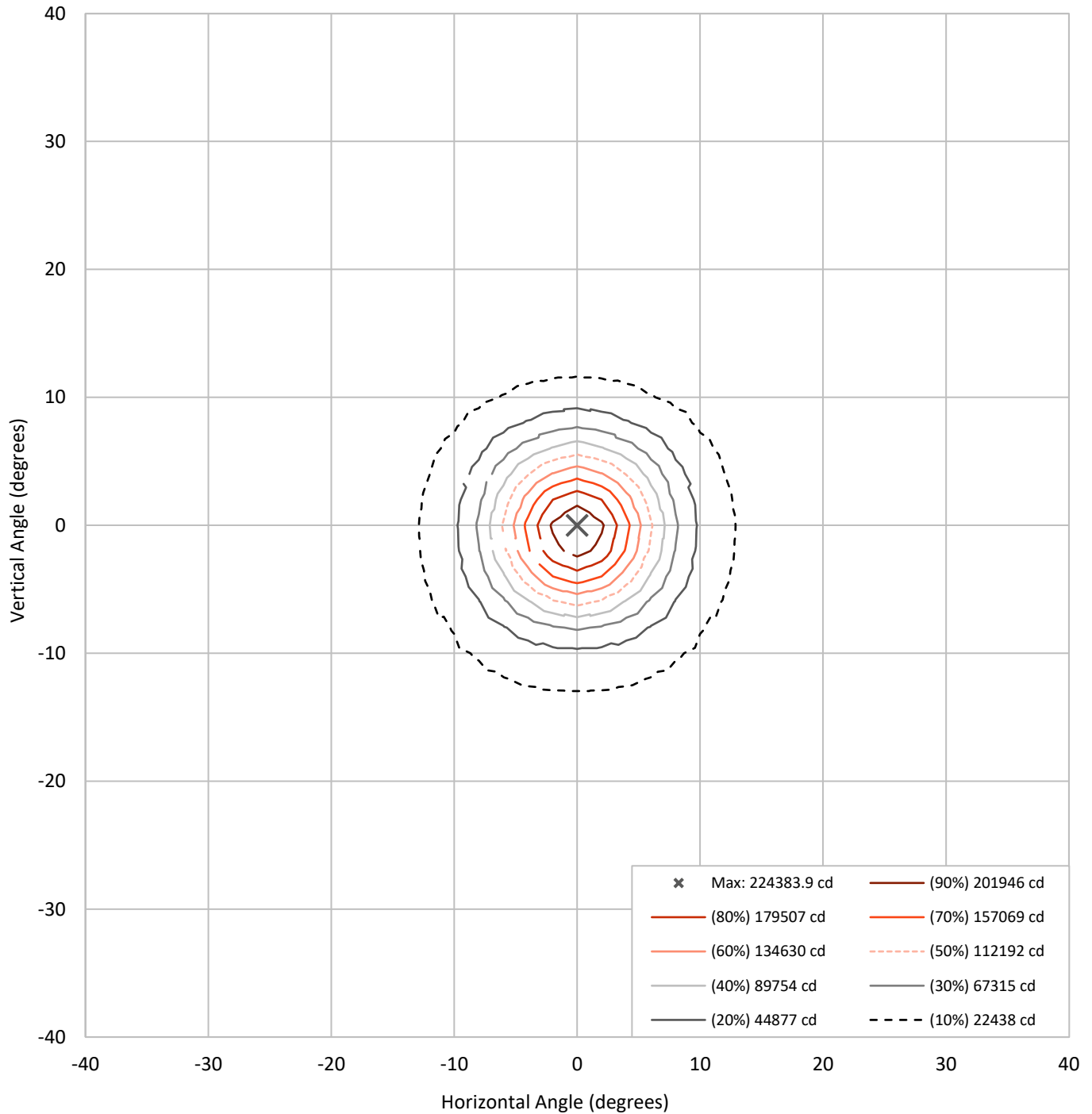
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	15673.3 lumens	Max Intensity:	224383.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4903.3 lumens	Field Lumens:	11156.8 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 166.1
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



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Iso-Candela Plot





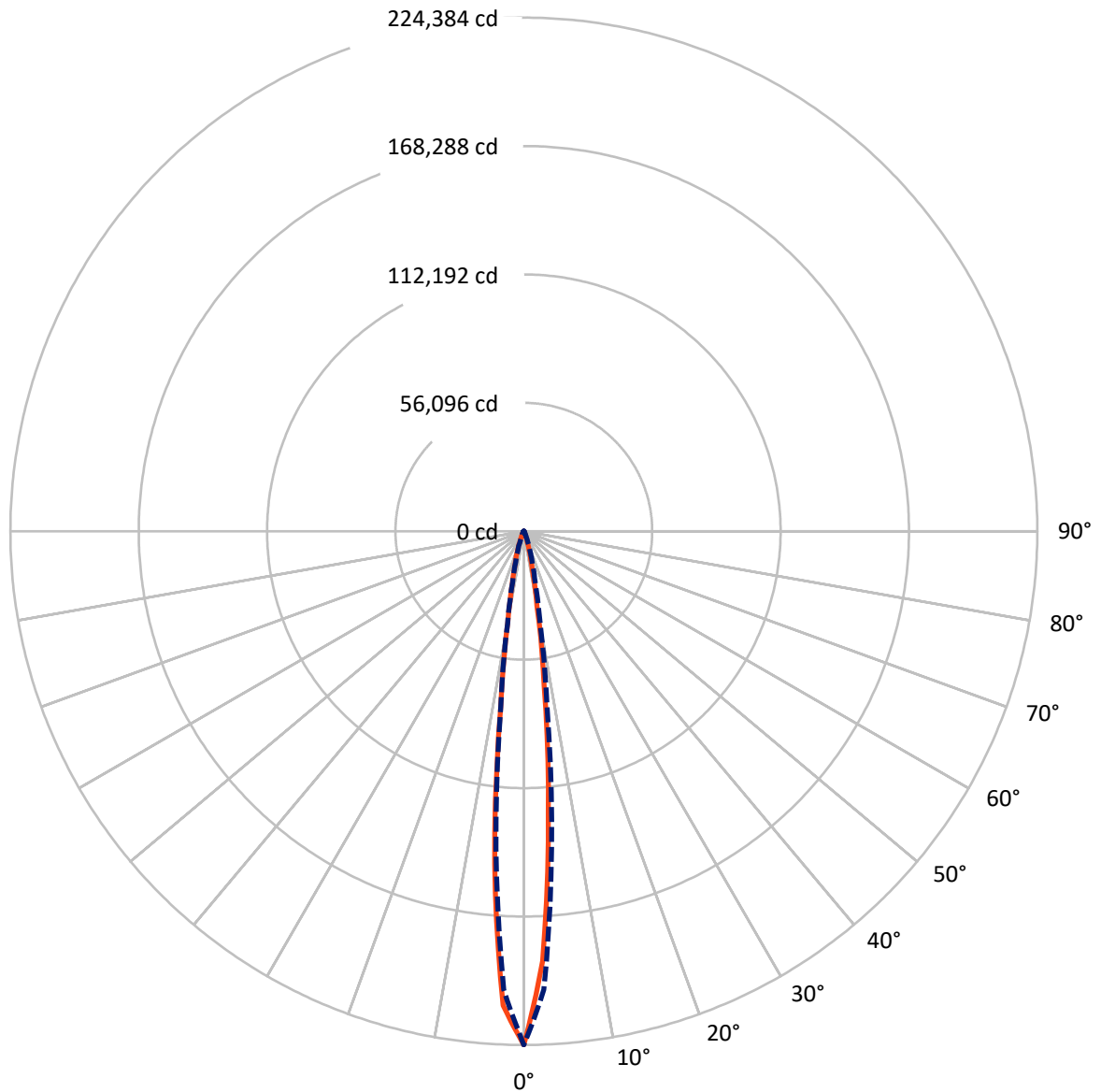
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Lumen Table

90	0.1	0.9	0.8	0.4	0.0	0.4	0.8	0.9	0.1										
80	0.1	0.9	0.8	0.4	0.0	0.4	0.8	0.9	0.1										
70	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.1			
60		0.1	0.2	0.4	0.8	1.2	1.5	1.7	1.7	1.5	1.2	0.8	0.4	0.2	0.1				
50	0.1	0.1	0.5	1.3	2.2	3.2	4.2	4.9	4.9	4.2	3.2	2.2	1.3	0.5	0.1	0.1			
40		0.3	1.1	2.4	4.0	6.3	9.5	11.4	11.4	9.5	6.3	4.0	2.4	1.1	0.3				
30	0.2	0.5	1.7	3.4	6.3	10.8	20.9	33.7	33.7	20.9	10.8	6.3	3.4	1.7	0.5	0.2			
20		0.7	2.2	4.7	9.5	23.6	123.5	312.4	312.4	123.5	23.6	9.5	4.7	2.2	0.7				
10	0.3	0.9	2.7	5.5	11.6	48.0	397.7	2450.7	2450.7	397.7	48.0	11.6	5.5	2.7	0.9	0.3			
0		1.0	2.9	5.9	12.1	54.7	437.6	2698.9	2698.9	437.6	54.7	12.1	5.9	2.9	1.0				
-10	0.3	1.1	3.0	5.8	11.4	32.8	196.4	473.3	473.3	196.4	32.8	11.4	5.8	3.0	1.1	0.3			
-20		1.1	3.0	5.5	9.6	16.7	40.6	76.3	76.3	40.6	16.7	9.6	5.5	3.0	1.1				
-30	0.3	1.0	2.8	5.1	8.0	11.8	16.8	19.7	19.7	16.8	11.8	8.0	5.1	2.8	1.0	0.3			
-40		0.8	2.4	4.6	7.0	9.2	11.7	12.9	12.9	11.7	9.2	7.0	4.6	2.4	0.8				
-50	0.3	0.7	1.9	3.9	6.1	8.1	9.9	10.8	10.8	9.9	8.1	6.1	3.9	1.9	0.7	0.3			
-60		0.5	1.4	2.8	4.7	6.4	8.1	9.0	9.0	8.1	6.4	4.7	2.8	1.4	0.5				
-70	0.2	0.7	1.9	3.9	6.1	8.1	9.9	10.8	10.8	9.9	8.1	6.1	3.9	1.9	0.7	0.2			
-80		0.5	1.4	2.8	4.7	6.4	8.1	9.0	9.0	8.1	6.4	4.7	2.8	1.4	0.5				
-90	0.2	2.1	5.9	10.8	13.1	10.8	5.9	2.1	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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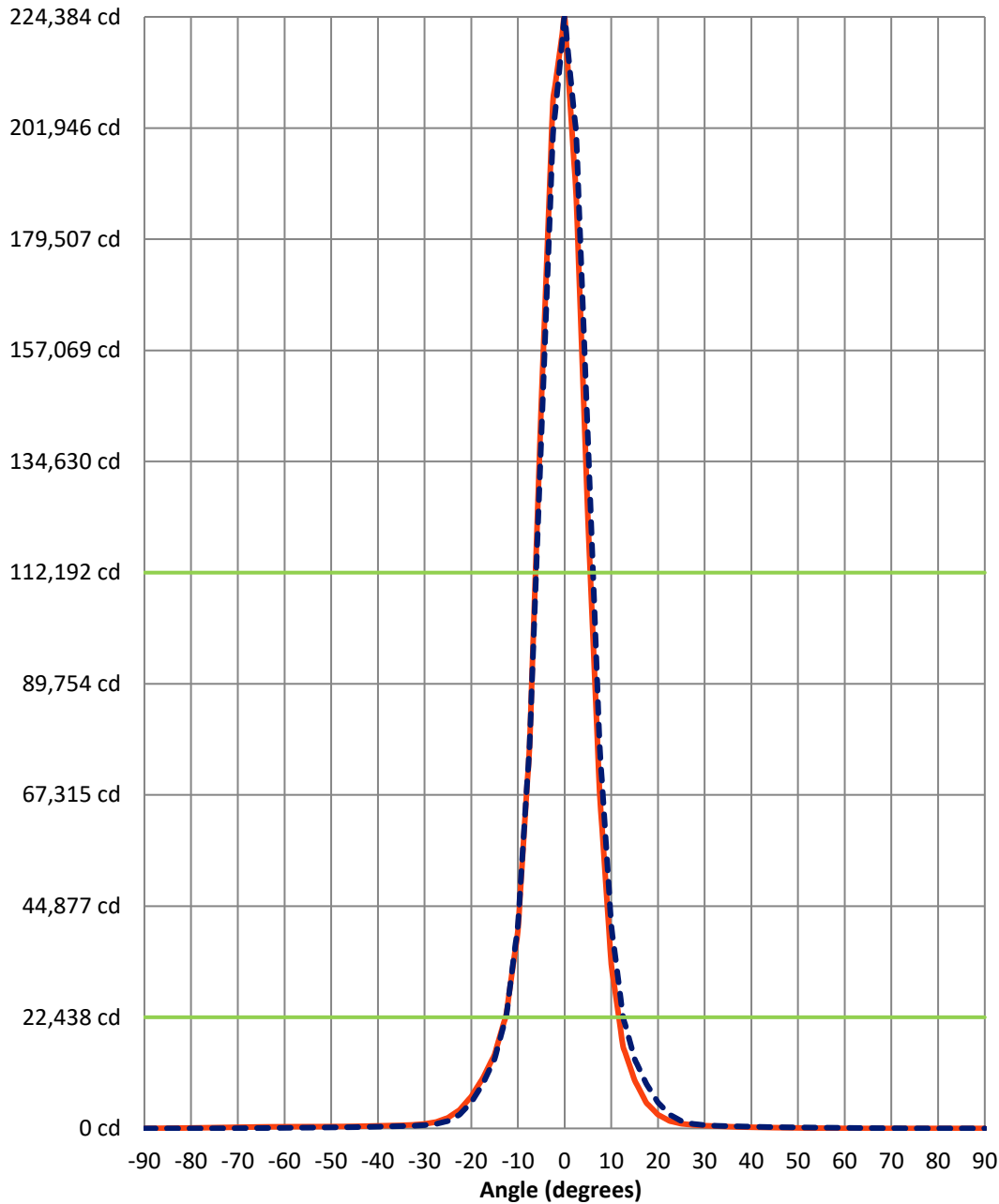
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.2°
 V Angle: 11.7°
 Lumens: 4903.3
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 11156.8
 Efficiency: 71.2%

Spill:
 Lumens: 4516.5
 Efficiency: 28.8%

— 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.8
85°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	5.6	5.6
82.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	5.6	5.6	5.6
80°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	5.6	5.6	5.6
77.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	5.6
75°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
70°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
67.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
65°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
62.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
60°	5.6	5.6	5.6	5.6	8.4	8.4	11.2	11.2	11.2	5.6	11.2
57.5°	44.9	44.9	42.1	39.3	36.5	33.7	33.7	33.7	33.7	33.7	28.1
55°	61.8	61.8	61.8	59.0	59.0	56.2	53.4	50.5	50.5	47.7	44.9
52.5°	73.0	73.0	73.0	73.0	70.2	70.2	70.2	67.4	61.8	61.8	59.0
50°	103.9	101.1	101.1	101.1	101.1	95.5	92.7	87.0	84.2	81.4	78.6
47.5°	134.8	134.8	132.0	132.0	129.2	123.5	117.9	112.3	106.7	103.9	98.3
45°	160.1	160.1	157.2	157.2	154.4	148.8	140.4	132.0	126.4	120.7	115.1
42.5°	196.6	193.7	190.9	188.1	182.5	174.1	162.9	151.6	143.2	134.8	129.2
40°	235.9	235.9	233.1	230.2	221.8	213.4	199.4	185.3	171.3	154.4	146.0
37.5°	283.6	286.4	289.2	289.2	283.6	272.4	252.7	235.9	213.4	190.9	179.7
35°	370.6	370.6	376.3	376.3	367.8	353.8	339.8	303.3	275.2	247.1	221.8
32.5°	466.1	468.9	457.7	449.3	438.0	421.2	395.9	365.0	334.1	297.6	269.6
30°	558.8	558.8	544.7	527.9	505.4	477.3	446.5	412.8	376.3	339.8	306.1
27.5°	704.8	690.7	679.5	651.4	612.1	558.8	519.5	466.1	418.4	376.3	339.8
25°	946.3	943.5	918.2	870.5	791.8	707.6	643.0	553.2	480.2	415.6	373.5
22.5°	1505.0	1485.4	1426.4	1308.5	1123.2	977.2	845.2	704.8	572.8	485.8	418.4
20°	2782.7	2718.1	2560.8	2235.1	1819.5	1533.1	1204.6	968.7	746.9	584.0	483.0
17.5°	5191.8	5149.7	5090.8	4338.2	3493.1	2886.5	2148.1	1485.4	1061.4	763.8	572.8
15°	9732.3	9420.6	8769.1	7867.8	6685.7	5166.6	3799.1	2398.0	1516.3	1016.5	727.3
12.5°	16636.9	16291.6	14609.6	12354.9	10229.3	8067.2	5663.6	3644.7	2159.3	1291.6	862.0
10°	33150.3	30642.9	25934.0	19355.0	15106.6	11265.4	7952.0	4972.8	2810.7	1631.4	1022.1
7.5°	67898.4	59704.9	46007.8	32479.2	21022.9	14775.3	10156.3	6503.2	3745.8	2041.4	1168.1
5°	123062.8	108526.2	81761.1	49231.3	30527.7	18518.3	12051.6	7733.0	4433.7	2375.5	1314.1
2.5°	187909.0	169104.4	118205.1	67696.2	37643.0	21416.0	13376.9	8541.7	4871.7	2602.9	1426.4
0°	224383.9	200432.4	139205.6	77504.3	41032.2	22645.9	14025.6	9027.5	5242.4	2788.3	1499.4
-2.5°	207275.3	187993.3	127931.8	71995.2	39209.8	22106.8	14118.2	9148.2	5304.2	2838.8	1533.1
-5°	146087.8	130262.4	88519.8	53128.7	33268.3	20363.1	13320.8	8693.3	5132.9	2765.8	1519.1
-7.5°	77288.1	70127.9	52496.9	38176.5	24282.9	17235.0	11992.6	7887.5	4689.2	2569.2	1434.8
-10°	39931.5	38462.9	33144.7	24984.9	19649.8	14438.3	10234.9	6744.6	3919.9	2212.6	1291.6
-12.5°	23022.2	22772.3	21062.2	18080.2	15067.3	11860.7	8398.5	5500.7	3271.2	1833.6	1089.5
-15°	14907.3	15014.0	14418.7	13177.6	11461.9	8875.8	6452.6	4091.1	2420.4	1485.4	960.3
-17.5°	10173.1	10145.0	9867.0	9016.2	7634.7	5994.9	4276.5	2889.4	1833.6	1156.9	797.5
-20°	6435.8	6447.0	6188.7	5601.8	4585.3	3695.2	2661.9	1948.7	1300.1	909.8	704.8



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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°	3734.5	3743.0	3580.1	3248.8	2715.3	2190.2	1729.7	1288.8	957.5	758.1	617.7
-25°	2145.3	2111.6	2047.0	1886.9	1637.0	1350.6	1148.4	907.0	766.6	643.0	564.4
-27.5°	1300.1	1277.6	1243.9	1173.7	1075.4	932.2	839.6	732.9	651.4	578.4	530.7
-30°	907.0	915.4	887.3	850.8	805.9	741.3	690.7	640.2	586.9	541.9	497.0
-32.5°	721.6	727.3	713.2	699.2	676.7	651.4	620.6	584.0	541.9	499.8	457.7
-35°	620.6	623.4	623.4	620.6	614.9	595.3	572.8	539.1	499.8	460.5	424.0
-37.5°	570.0	572.8	572.8	570.0	561.6	544.7	522.3	494.2	457.7	421.2	393.1
-40°	516.7	519.5	516.7	511.0	502.6	485.8	468.9	446.5	418.4	387.5	362.2
-42.5°	466.1	463.3	460.5	454.9	446.5	435.2	421.2	404.3	384.7	362.2	342.6
-45°	418.4	418.4	415.6	412.8	407.1	398.7	390.3	376.3	362.2	345.4	328.5
-47.5°	393.1	393.1	390.3	387.5	384.7	379.1	370.6	359.4	348.2	334.1	320.1
-50°	376.3	376.3	376.3	373.5	370.6	365.0	356.6	348.2	337.0	322.9	308.9
-52.5°	365.0	365.0	365.0	362.2	359.4	356.6	348.2	337.0	322.9	311.7	300.4
-55°	359.4	356.6	356.6	353.8	351.0	348.2	337.0	325.7	314.5	303.3	292.0
-57.5°	351.0	348.2	348.2	345.4	342.6	339.8	328.5	317.3	306.1	292.0	283.6
-60°	342.6	339.8	339.8	334.1	331.3	328.5	317.3	306.1	294.8	283.6	272.4
-62.5°	331.3	328.5	325.7	322.9	317.3	311.7	303.3	292.0	278.0	266.8	255.5
-65°	306.1	303.3	300.4	297.6	294.8	292.0	283.6	269.6	258.3	247.1	235.9
-67.5°	275.2	275.2	275.2	269.6	266.8	261.1	255.5	244.3	233.1	221.8	213.4
-70°	238.7	238.7	238.7	233.1	230.2	227.4	219.0	210.6	202.2	193.7	182.5
-72.5°	202.2	199.4	199.4	196.6	190.9	188.1	182.5	176.9	168.5	162.9	154.4
-75°	165.7	162.9	162.9	160.1	157.2	154.4	148.8	146.0	140.4	134.8	126.4
-77.5°	132.0	132.0	132.0	129.2	126.4	123.5	120.7	117.9	115.1	109.5	103.9
-80°	101.1	101.1	101.1	101.1	101.1	101.1	101.1	98.3	92.7	89.9	87.0
-82.5°	73.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8	73.0	70.2	67.4
-85°	47.7	50.5	50.5	53.4	56.2	56.2	59.0	56.2	53.4	47.7	44.9
-87.5°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	22.5	22.5	22.5	19.7
-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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	5.6	5.6	5.6
85°	5.6	5.6	5.6	5.6	8.4	8.4	8.4	11.2	11.2	11.2	11.2
82.5°	5.6	8.4	8.4	8.4	11.2	11.2	14.0	16.8	22.5	25.3	25.3
80°	5.6	8.4	8.4	8.4	11.2	11.2	14.0	14.0	16.8	19.7	25.3
77.5°	5.6	5.6	8.4	8.4	8.4	11.2	11.2	14.0	14.0	16.8	19.7
75°	2.8	5.6	5.6	5.6	8.4	8.4	11.2	11.2	14.0	14.0	16.8
72.5°	2.8	5.6	5.6	5.6	8.4	8.4	11.2	11.2	11.2	14.0	14.0
70°	2.8	5.6	5.6	5.6	5.6	8.4	8.4	8.4	11.2	11.2	11.2
67.5°	2.8	2.8	2.8	5.6	5.6	5.6	5.6	8.4	8.4	8.4	11.2
65°	2.8	2.8	2.8	2.8	5.6	5.6	5.6	5.6	8.4	8.4	8.4
62.5°	2.8	2.8	2.8	5.6	5.6	5.6	5.6	5.6	8.4	8.4	8.4
60°	11.2	11.2	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
57.5°	25.3	25.3	22.5	19.7	16.8	16.8	14.0	11.2	11.2	8.4	8.4
55°	42.1	39.3	36.5	30.9	28.1	25.3	22.5	16.8	14.0	11.2	8.4
52.5°	53.4	50.5	47.7	44.9	39.3	33.7	30.9	28.1	22.5	16.8	14.0
50°	78.6	70.2	64.6	59.0	53.4	47.7	42.1	39.3	30.9	25.3	19.7
47.5°	95.5	89.9	81.4	75.8	70.2	61.8	53.4	47.7	42.1	33.7	25.3
45°	109.5	103.9	95.5	89.9	84.2	75.8	67.4	59.0	53.4	44.9	33.7
42.5°	123.5	117.9	109.5	103.9	95.5	87.0	78.6	70.2	61.8	56.2	44.9
40°	143.2	134.8	123.5	117.9	112.3	101.1	89.9	81.4	73.0	64.6	53.4
37.5°	168.5	160.1	146.0	134.8	126.4	117.9	106.7	95.5	87.0	75.8	64.6
35°	207.8	193.7	174.1	157.2	146.0	134.8	120.7	109.5	98.3	87.0	75.8
32.5°	247.1	224.6	199.4	179.7	162.9	148.8	134.8	123.5	109.5	95.5	84.2
30°	278.0	252.7	227.4	199.4	179.7	162.9	148.8	134.8	120.7	106.7	92.7
27.5°	308.9	280.8	252.7	224.6	196.6	174.1	160.1	146.0	132.0	117.9	101.1
25°	339.8	308.9	280.8	249.9	216.2	190.9	171.3	160.1	146.0	129.2	109.5
22.5°	367.8	339.8	311.7	278.0	238.7	205.0	185.3	171.3	157.2	137.6	120.7
20°	421.2	384.7	351.0	308.9	263.9	230.2	205.0	185.3	168.5	148.8	129.2
17.5°	491.4	438.0	393.1	345.4	300.4	258.3	221.8	199.4	182.5	160.1	137.6
15°	581.2	488.6	432.4	384.7	331.3	283.6	244.3	213.4	190.9	168.5	148.8
12.5°	648.6	527.9	466.1	421.2	365.0	311.7	261.1	224.6	199.4	176.9	154.4
10°	724.4	570.0	494.2	443.7	384.7	325.7	272.4	233.1	205.0	185.3	162.9
7.5°	786.2	603.7	508.2	452.1	395.9	337.0	283.6	241.5	213.4	190.9	168.5
5°	842.4	631.8	519.5	454.9	401.5	345.4	289.2	247.1	219.0	196.6	174.1
2.5°	881.7	657.1	530.7	460.5	407.1	351.0	297.6	252.7	224.6	202.2	179.7
0°	915.4	665.5	527.9	460.5	410.0	351.0	300.4	255.5	227.4	205.0	182.5
-2.5°	926.6	679.5	541.9	466.1	415.6	356.6	306.1	258.3	230.2	207.8	188.1
-5°	926.6	668.3	541.9	471.7	418.4	359.4	306.1	261.1	233.1	210.6	188.1
-7.5°	892.9	651.4	539.1	477.3	421.2	362.2	306.1	263.9	235.9	213.4	190.9
-10°	834.0	626.2	536.3	480.2	421.2	359.4	306.1	263.9	235.9	213.4	193.7
-12.5°	738.5	592.5	522.3	474.5	415.6	353.8	303.3	263.9	235.9	216.2	193.7
-15°	690.7	564.4	505.4	457.7	401.5	345.4	297.6	261.1	235.9	216.2	196.6
-17.5°	626.2	541.9	488.6	440.8	390.3	337.0	292.0	261.1	235.9	213.4	196.6
-20°	581.2	516.7	468.9	426.8	376.3	328.5	289.2	258.3	235.9	213.4	196.6



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	541.9	488.6	446.5	404.3	359.4	317.3	283.6	255.5	233.1	213.4	196.6
-25°	511.0	463.3	424.0	384.7	345.4	308.9	278.0	252.7	230.2	213.4	193.7
-27.5°	483.0	438.0	401.5	365.0	328.5	300.4	272.4	249.9	230.2	210.6	190.9
-30°	452.1	415.6	379.1	345.4	320.1	292.0	266.8	244.3	227.4	207.8	188.1
-32.5°	421.2	387.5	356.6	331.3	308.9	286.4	263.9	241.5	221.8	202.2	182.5
-35°	393.1	362.2	339.8	317.3	300.4	280.8	258.3	235.9	219.0	199.4	182.5
-37.5°	365.0	342.6	322.9	306.1	289.2	272.4	249.9	230.2	213.4	193.7	174.1
-40°	342.6	325.7	311.7	297.6	280.8	261.1	244.3	224.6	207.8	188.1	165.7
-42.5°	328.5	314.5	300.4	286.4	272.4	255.5	238.7	219.0	202.2	182.5	160.1
-45°	314.5	303.3	292.0	280.8	266.8	249.9	230.2	210.6	193.7	174.1	157.2
-47.5°	306.1	294.8	283.6	275.2	263.9	241.5	224.6	205.0	185.3	168.5	148.8
-50°	297.6	286.4	278.0	266.8	252.7	233.1	216.2	196.6	179.7	160.1	143.2
-52.5°	289.2	278.0	266.8	255.5	241.5	224.6	207.8	190.9	171.3	151.6	134.8
-55°	280.8	269.6	258.3	247.1	233.1	219.0	202.2	179.7	160.1	140.4	123.5
-57.5°	272.4	263.9	249.9	235.9	221.8	207.8	188.1	168.5	148.8	129.2	115.1
-60°	261.1	249.9	238.7	221.8	207.8	190.9	174.1	157.2	137.6	120.7	106.7
-62.5°	244.3	233.1	221.8	205.0	190.9	176.9	162.9	143.2	129.2	112.3	98.3
-65°	224.6	213.4	202.2	188.1	174.1	160.1	148.8	132.0	117.9	103.9	92.7
-67.5°	202.2	190.9	182.5	168.5	157.2	143.2	132.0	117.9	103.9	92.7	81.4
-70°	174.1	165.7	157.2	146.0	134.8	123.5	112.3	101.1	89.9	81.4	70.2
-72.5°	148.8	140.4	132.0	123.5	115.1	103.9	95.5	87.0	78.6	70.2	64.6
-75°	120.7	115.1	109.5	103.9	95.5	87.0	81.4	73.0	67.4	61.8	59.0
-77.5°	101.1	95.5	89.9	84.2	78.6	73.0	67.4	61.8	59.0	56.2	53.4
-80°	81.4	78.6	75.8	70.2	67.4	61.8	59.0	53.4	53.4	53.4	53.4
-82.5°	64.6	61.8	59.0	56.2	53.4	50.5	50.5	47.7	50.5	50.5	47.7
-85°	44.9	42.1	39.3	39.3	36.5	36.5	33.7	33.7	33.7	30.9	30.9
-87.5°	19.7	19.7	19.7	19.7	16.8	16.8	16.8	16.8	16.8	14.0	14.0
-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: P724229
 CATALOG NUMBER: IFLD-M-SA4B-827-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°	5.6	5.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	0.0	0.0
85°	11.2	11.2	8.4	8.4	8.4	5.6	5.6	2.8	2.8	2.8	2.8
82.5°	25.3	22.5	19.7	16.8	14.0	11.2	8.4	5.6	5.6	2.8	2.8
80°	30.9	30.9	30.9	28.1	22.5	16.8	11.2	8.4	5.6	2.8	2.8
77.5°	22.5	22.5	25.3	28.1	28.1	22.5	14.0	8.4	5.6	5.6	2.8
75°	16.8	16.8	16.8	19.7	22.5	22.5	16.8	11.2	5.6	5.6	2.8
72.5°	16.8	16.8	16.8	16.8	16.8	16.8	16.8	11.2	8.4	5.6	5.6
70°	14.0	14.0	14.0	14.0	14.0	14.0	14.0	11.2	8.4	5.6	5.6
67.5°	11.2	11.2	14.0	14.0	14.0	11.2	11.2	11.2	8.4	5.6	5.6
65°	8.4	11.2	11.2	14.0	11.2	11.2	11.2	8.4	8.4	5.6	5.6
62.5°	8.4	8.4	11.2	11.2	11.2	11.2	8.4	8.4	8.4	5.6	5.6
60°	8.4	8.4	8.4	11.2	8.4	8.4	8.4	8.4	8.4	5.6	5.6
57.5°	8.4	8.4	8.4	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6
55°	8.4	8.4	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6	5.6
52.5°	11.2	8.4	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6	5.6
50°	14.0	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6	5.6	5.6
47.5°	19.7	14.0	11.2	8.4	8.4	5.6	5.6	5.6	5.6	5.6	2.8
45°	28.1	19.7	14.0	11.2	8.4	5.6	5.6	5.6	5.6	5.6	2.8
42.5°	33.7	25.3	16.8	14.0	11.2	8.4	5.6	5.6	5.6	2.8	2.8
40°	42.1	33.7	22.5	16.8	11.2	8.4	5.6	5.6	5.6	2.8	2.8
37.5°	53.4	42.1	28.1	19.7	14.0	8.4	8.4	5.6	5.6	2.8	2.8
35°	61.8	47.7	36.5	22.5	16.8	11.2	8.4	5.6	5.6	2.8	2.8
32.5°	70.2	56.2	44.9	28.1	19.7	14.0	11.2	5.6	5.6	2.8	2.8
30°	78.6	64.6	50.5	36.5	25.3	16.8	11.2	5.6	5.6	2.8	2.8
27.5°	87.0	70.2	56.2	42.1	28.1	19.7	14.0	8.4	5.6	2.8	2.8
25°	95.5	78.6	61.8	47.7	30.9	22.5	14.0	8.4	5.6	5.6	2.8
22.5°	101.1	87.0	70.2	53.4	36.5	25.3	16.8	11.2	5.6	5.6	2.8
20°	109.5	95.5	75.8	59.0	42.1	28.1	16.8	11.2	5.6	5.6	2.8
17.5°	117.9	101.1	81.4	64.6	47.7	30.9	19.7	14.0	5.6	5.6	2.8
15°	126.4	106.7	87.0	67.4	50.5	33.7	19.7	14.0	5.6	5.6	2.8
12.5°	134.8	115.1	92.7	73.0	53.4	36.5	22.5	16.8	8.4	5.6	2.8
10°	140.4	120.7	98.3	75.8	56.2	42.1	25.3	16.8	8.4	5.6	2.8
7.5°	148.8	126.4	103.9	81.4	59.0	44.9	28.1	16.8	8.4	5.6	2.8
5°	151.6	132.0	106.7	87.0	61.8	47.7	30.9	19.7	8.4	5.6	2.8
2.5°	154.4	137.6	109.5	89.9	64.6	47.7	30.9	19.7	11.2	5.6	2.8
0°	157.2	140.4	112.3	92.7	67.4	50.5	33.7	19.7	11.2	5.6	2.8
-2.5°	160.1	143.2	117.9	95.5	70.2	53.4	36.5	19.7	11.2	5.6	2.8
-5°	162.9	143.2	123.5	98.3	73.0	53.4	36.5	22.5	14.0	5.6	2.8
-7.5°	165.7	146.0	126.4	101.1	75.8	53.4	39.3	22.5	14.0	8.4	2.8
-10°	168.5	148.8	129.2	103.9	75.8	56.2	39.3	22.5	14.0	8.4	2.8
-12.5°	171.3	151.6	129.2	103.9	78.6	56.2	39.3	25.3	14.0	8.4	2.8
-15°	174.1	151.6	129.2	103.9	78.6	59.0	42.1	25.3	14.0	8.4	5.6
-17.5°	174.1	151.6	129.2	106.7	78.6	59.0	42.1	25.3	14.0	8.4	5.6
-20°	174.1	151.6	129.2	106.7	78.6	59.0	42.1	25.3	14.0	8.4	5.6



REPORT NUMBER: P724229
 CATALOG NUMBER: IFLD-M-SA4B-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	171.3	148.8	129.2	103.9	78.6	59.0	42.1	25.3	16.8	8.4	5.6
-25°	171.3	148.8	129.2	103.9	78.6	59.0	39.3	25.3	16.8	8.4	5.6
-27.5°	168.5	148.8	126.4	101.1	75.8	56.2	39.3	25.3	16.8	8.4	5.6
-30°	165.7	146.0	123.5	98.3	75.8	56.2	39.3	25.3	16.8	8.4	5.6
-32.5°	162.9	140.4	120.7	95.5	73.0	53.4	39.3	25.3	16.8	8.4	5.6
-35°	157.2	137.6	115.1	92.7	70.2	53.4	36.5	25.3	16.8	11.2	5.6
-37.5°	151.6	132.0	112.3	89.9	67.4	50.5	36.5	25.3	16.8	11.2	5.6
-40°	146.0	129.2	106.7	84.2	64.6	47.7	36.5	25.3	16.8	11.2	8.4
-42.5°	140.4	123.5	103.9	81.4	64.6	47.7	33.7	25.3	16.8	11.2	8.4
-45°	137.6	120.7	98.3	78.6	61.8	47.7	33.7	22.5	16.8	11.2	8.4
-47.5°	132.0	112.3	92.7	75.8	59.0	44.9	30.9	22.5	16.8	11.2	8.4
-50°	123.5	106.7	89.9	73.0	56.2	42.1	30.9	22.5	16.8	11.2	8.4
-52.5°	115.1	98.3	84.2	67.4	53.4	42.1	30.9	22.5	16.8	11.2	8.4
-55°	106.7	92.7	78.6	64.6	50.5	39.3	28.1	22.5	16.8	11.2	8.4
-57.5°	101.1	87.0	73.0	59.0	47.7	36.5	28.1	19.7	14.0	11.2	8.4
-60°	95.5	81.4	67.4	56.2	44.9	36.5	28.1	19.7	14.0	11.2	5.6
-62.5°	87.0	75.8	61.8	53.4	42.1	33.7	25.3	19.7	14.0	11.2	5.6
-65°	78.6	67.4	56.2	47.7	39.3	30.9	25.3	19.7	14.0	11.2	5.6
-67.5°	70.2	61.8	53.4	44.9	36.5	30.9	25.3	19.7	14.0	8.4	5.6
-70°	64.6	56.2	47.7	42.1	36.5	28.1	25.3	19.7	14.0	8.4	5.6
-72.5°	56.2	50.5	44.9	39.3	33.7	30.9	25.3	19.7	11.2	8.4	5.6
-75°	53.4	47.7	42.1	39.3	36.5	30.9	25.3	16.8	11.2	8.4	5.6
-77.5°	53.4	47.7	44.9	42.1	36.5	30.9	22.5	14.0	8.4	8.4	5.6
-80°	53.4	50.5	47.7	39.3	33.7	25.3	16.8	14.0	8.4	5.6	2.8
-82.5°	47.7	39.3	33.7	28.1	25.3	19.7	14.0	11.2	5.6	5.6	2.8
-85°	30.9	25.3	22.5	19.7	16.8	14.0	8.4	5.6	5.6	2.8	2.8
-87.5°	14.0	14.0	11.2	8.4	8.4	5.6	5.6	2.8	2.8	2.8	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: P724229
 CATALOG NUMBER: IFLD-M-SA4B-827-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°	2.8	0.0	0.0	0.0
77.5°	2.8	0.0	0.0	0.0
75°	2.8	2.8	0.0	0.0
72.5°	2.8	2.8	0.0	0.0
70°	2.8	2.8	0.0	0.0
67.5°	2.8	2.8	0.0	0.0
65°	2.8	2.8	0.0	0.0
62.5°	2.8	2.8	0.0	0.0
60°	2.8	2.8	0.0	0.0
57.5°	2.8	2.8	2.8	0.0
55°	2.8	2.8	2.8	0.0
52.5°	2.8	2.8	2.8	0.0
50°	2.8	2.8	2.8	0.0
47.5°	2.8	2.8	2.8	0.0
45°	2.8	2.8	2.8	0.0
42.5°	2.8	2.8	2.8	0.0
40°	2.8	2.8	2.8	0.0
37.5°	2.8	2.8	2.8	0.0
35°	2.8	2.8	2.8	0.0
32.5°	2.8	2.8	2.8	0.0
30°	2.8	2.8	2.8	0.0
27.5°	2.8	2.8	2.8	0.0
25°	2.8	2.8	2.8	0.0
22.5°	2.8	2.8	2.8	0.0
20°	2.8	2.8	2.8	0.0
17.5°	2.8	2.8	2.8	0.0
15°	2.8	2.8	2.8	0.0
12.5°	2.8	2.8	2.8	0.0
10°	2.8	2.8	2.8	0.0
7.5°	2.8	2.8	2.8	0.0
5°	2.8	2.8	2.8	0.0
2.5°	2.8	2.8	2.8	0.0
0°	2.8	2.8	2.8	0.0
-2.5°	2.8	2.8	2.8	0.0
-5°	2.8	2.8	2.8	0.0
-7.5°	2.8	2.8	2.8	0.0
-10°	2.8	2.8	2.8	0.0
-12.5°	2.8	2.8	2.8	0.0
-15°	2.8	2.8	2.8	0.0
-17.5°	2.8	2.8	2.8	0.0
-20°	2.8	2.8	2.8	0.0



REPORT NUMBER: P724229

CATALOG NUMBER: IFLD-M-SA4B-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	2.8	2.8	2.8	0.0
-25°	2.8	2.8	2.8	0.0
-27.5°	2.8	2.8	2.8	0.0
-30°	2.8	2.8	2.8	0.0
-32.5°	2.8	2.8	2.8	0.0
-35°	2.8	2.8	2.8	0.0
-37.5°	2.8	2.8	2.8	0.0
-40°	2.8	2.8	2.8	0.0
-42.5°	2.8	2.8	2.8	0.0
-45°	2.8	2.8	2.8	0.0
-47.5°	2.8	2.8	2.8	0.0
-50°	2.8	2.8	2.8	0.0
-52.5°	2.8	2.8	2.8	0.0
-55°	2.8	2.8	2.8	0.0
-57.5°	2.8	2.8	2.8	0.0
-60°	2.8	2.8	0.0	0.0
-62.5°	2.8	2.8	0.0	0.0
-65°	2.8	2.8	0.0	0.0
-67.5°	2.8	2.8	0.0	0.0
-70°	2.8	2.8	0.0	0.0
-72.5°	2.8	2.8	0.0	0.0
-75°	2.8	2.8	0.0	0.0
-77.5°	2.8	0.0	0.0	0.0
-80°	2.8	0.0	0.0	0.0
-82.5°	2.8	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)