

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: P724026

Luminaire Tested: **IFLD-M-SA4B-722-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724026
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-722-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (64) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

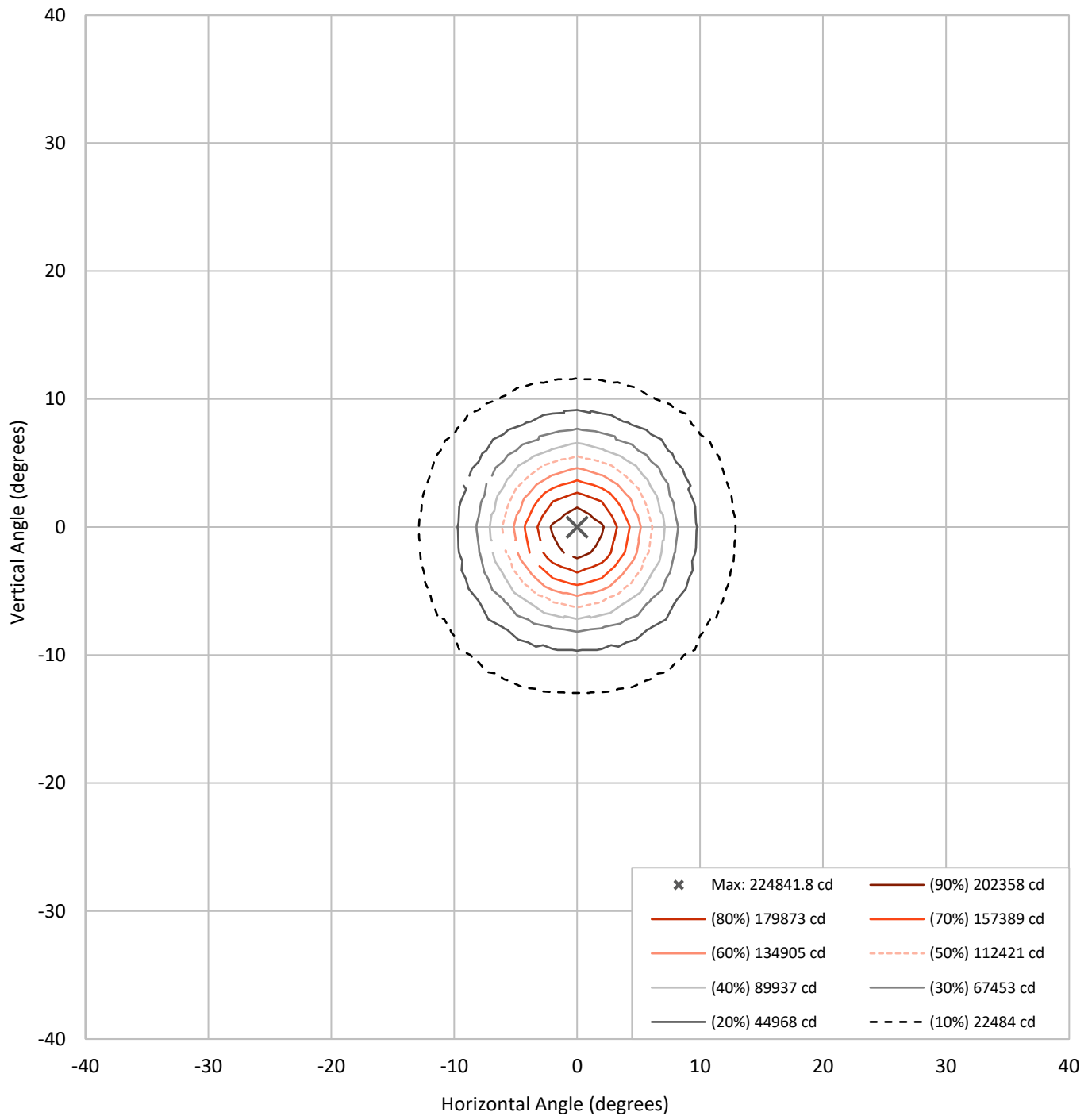
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	15705.3 lumens	Max Intensity:	224841.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4913.3 lumens	Field Lumens:	11179.6 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





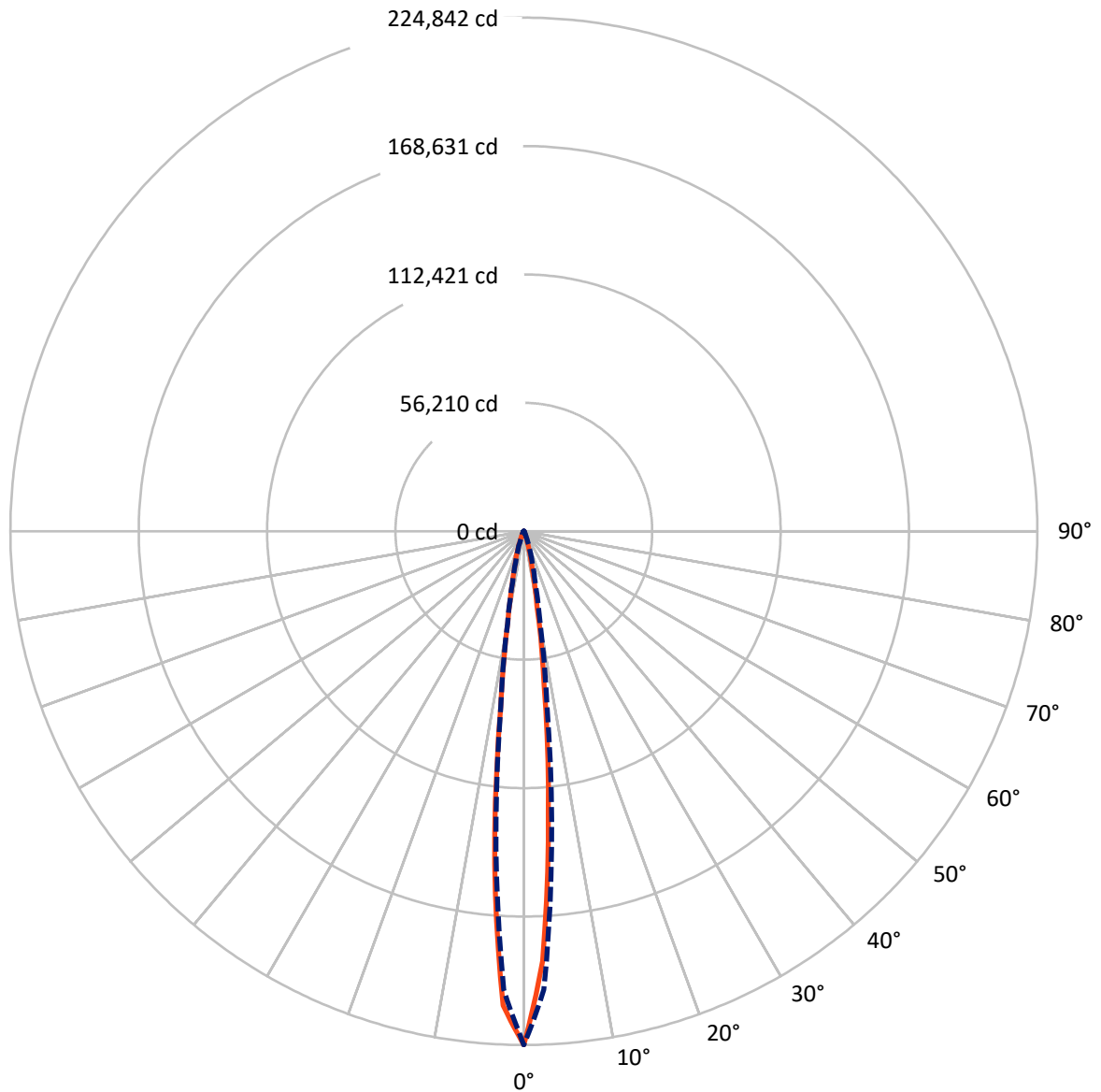
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Lumen Table

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	3.5	6.3	10.9	20.9	33.8	33.8	20.9	10.9	6.3	3.5	1.7	0.5	0.2			
20		0.7	2.2	4.7	9.6	23.7	123.7	313.0	313.0	123.7	23.7	9.6	4.7	2.2	0.7				
10	0.3	0.9	2.7	5.6	11.7	48.1	398.5	2455.7	2455.7	398.5	48.1	11.7	5.6	2.7	0.9	0.3			
0		1.0	2.9	5.9	12.2	54.8	438.5	2704.4	2704.4	438.5	54.8	12.2	5.9	2.9	1.0				
-10	0.3	1.1	3.1	5.8	11.4	32.9	196.8	474.3	474.3	196.8	32.9	11.4	5.8	3.1	1.1	0.3			
-20		1.1	3.0	5.5	9.7	16.7	40.7	76.4	76.4	40.7	16.7	9.7	5.5	3.0	1.1				
-30	0.3	1.0	2.8	5.1	8.0	11.9	16.8	19.7	19.7	16.8	11.9	8.0	5.1	2.8	1.0	0.3			
-40		0.8	2.4	4.6	7.0	9.2	11.7	13.0	13.0	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	10.9	13.1	10.9	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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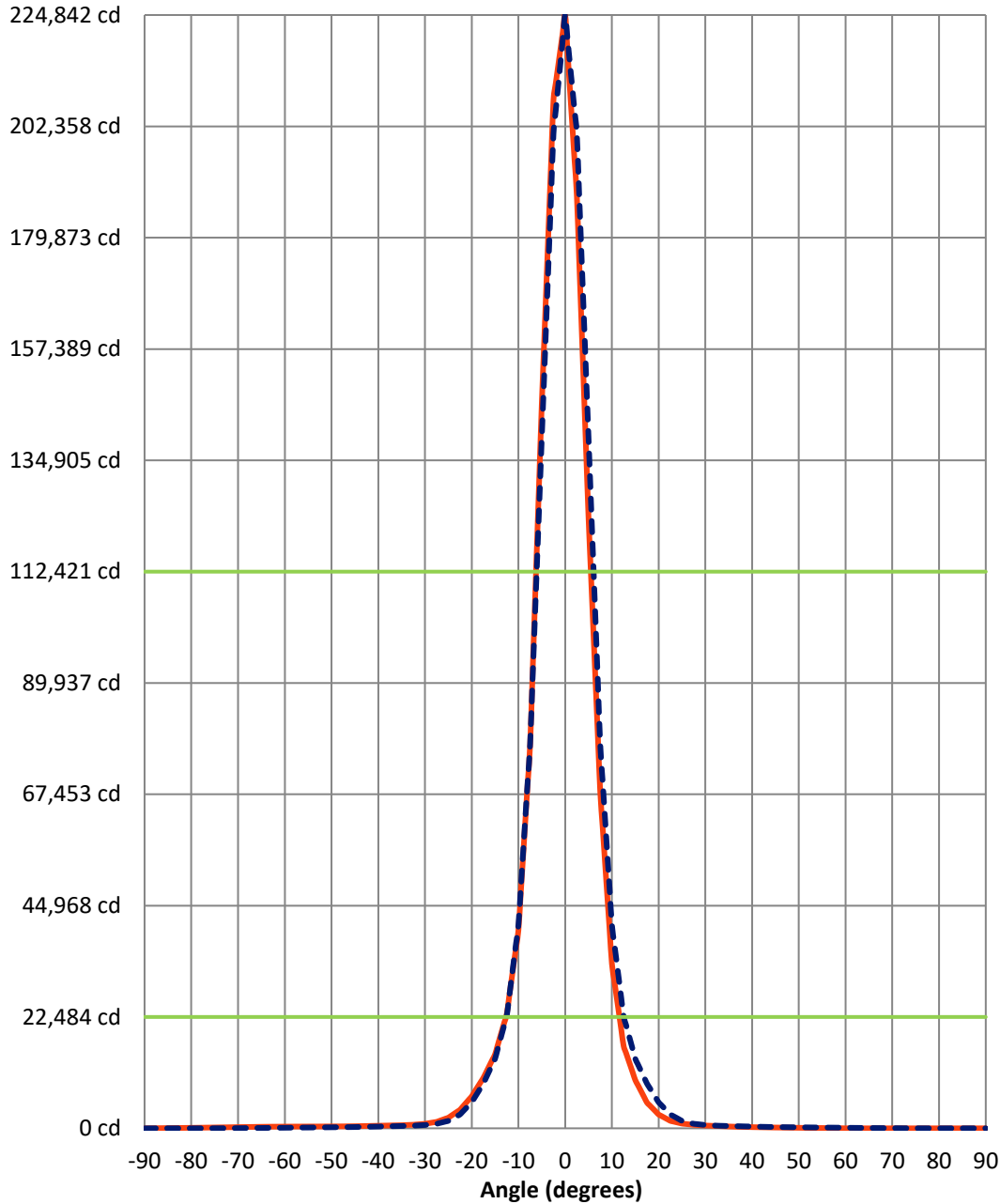
Luminous Intensity Polar Plot



— 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: 4913.3
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 11179.6
 Efficiency: 71.2%

Spill:
 Lumens: 4525.7
 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	11.3	11.3	11.3	5.6	11.3
57.5°	45.0	45.0	42.2	39.4	36.6	33.8	33.8	33.8	33.8	33.8	28.1
55°	61.9	61.9	61.9	59.1	59.1	56.3	53.5	50.6	50.6	47.8	45.0
52.5°	73.2	73.2	73.2	73.2	70.3	70.3	70.3	67.5	61.9	61.9	59.1
50°	104.1	101.3	101.3	101.3	101.3	95.7	92.9	87.2	84.4	81.6	78.8
47.5°	135.1	135.1	132.2	132.2	129.4	123.8	118.2	112.5	106.9	104.1	98.5
45°	160.4	160.4	157.6	157.6	154.8	149.1	140.7	132.2	126.6	121.0	115.4
42.5°	197.0	194.1	191.3	188.5	182.9	174.4	163.2	151.9	143.5	135.1	129.4
40°	236.3	236.3	233.5	230.7	222.3	213.8	199.8	185.7	171.6	154.8	146.3
37.5°	284.2	287.0	289.8	289.8	284.2	272.9	253.2	236.3	213.8	191.3	180.1
35°	371.4	371.4	377.0	377.0	368.6	354.5	340.5	303.9	275.7	247.6	222.3
32.5°	467.1	469.9	458.6	450.2	438.9	422.0	396.7	365.8	334.8	298.2	270.1
30°	559.9	559.9	545.8	529.0	506.5	478.3	447.4	413.6	377.0	340.5	306.7
27.5°	706.2	692.2	680.9	652.8	613.4	559.9	520.5	467.1	419.2	377.0	340.5
25°	948.2	945.4	920.1	872.2	793.5	709.0	644.3	554.3	481.1	416.4	374.2
22.5°	1508.1	1488.4	1429.3	1311.2	1125.5	979.2	846.9	706.2	574.0	486.8	419.2
20°	2788.3	2723.6	2566.1	2239.7	1823.2	1536.3	1207.1	970.7	748.4	585.2	483.9
17.5°	5202.4	5160.2	5101.2	4347.1	3500.2	2892.4	2152.4	1488.4	1063.6	765.3	574.0
15°	9752.1	9439.8	8787.0	7883.9	6699.3	5177.1	3806.9	2402.9	1519.4	1018.5	728.7
12.5°	16670.9	16324.8	14639.4	12380.1	10250.1	8083.6	5675.1	3652.1	2163.7	1294.3	863.8
10°	33218.0	30705.4	25986.9	19394.5	15137.5	11288.4	7968.3	4983.0	2816.5	1634.7	1024.2
7.5°	68036.9	59826.7	46101.7	32545.5	21065.8	14805.4	10177.0	6516.4	3753.4	2045.5	1170.5
5°	123314.0	108747.7	81927.9	49331.8	30590.0	18556.0	12076.2	7748.8	4442.8	2380.4	1316.8
2.5°	188292.5	169449.4	118446.3	67834.4	37719.8	21459.7	13404.2	8559.1	4881.7	2608.3	1429.3
0°	224841.8	200841.4	139489.7	77662.4	41115.9	22692.1	14054.2	9045.9	5253.1	2794.0	1502.5
-2.5°	207698.2	188376.9	128192.8	72142.1	39289.8	22151.9	14147.0	9166.9	5315.0	2844.6	1536.3
-5°	146385.9	130528.2	88700.4	53237.1	33336.2	20404.6	13348.0	8711.1	5143.4	2771.4	1522.2
-7.5°	77445.8	70271.0	52604.1	38254.4	24332.5	17270.2	12017.1	7903.6	4698.8	2574.5	1437.8
-10°	40013.0	38541.4	33212.4	25035.9	19689.9	14467.8	10255.8	6758.4	3927.9	2217.2	1294.3
-12.5°	23069.1	22818.7	21105.2	18117.1	15098.1	11884.9	8415.6	5511.9	3277.9	1837.3	1091.7
-15°	14937.7	15044.6	14448.1	13204.5	11485.3	8894.0	6465.8	4099.5	2425.4	1488.4	962.3
-17.5°	10193.9	10165.7	9887.2	9034.6	7650.3	6007.1	4285.2	2895.2	1837.3	1159.2	799.1
-20°	6448.9	6460.1	6201.3	5613.2	4594.7	3702.8	2667.3	1952.7	1302.7	911.6	706.2



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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°	3742.2	3750.6	3587.4	3255.4	2720.8	2194.6	1733.2	1291.5	959.5	759.7	619.0
-25°	2149.6	2115.9	2051.2	1890.8	1640.4	1353.4	1150.8	908.8	768.1	644.3	565.5
-27.5°	1302.7	1280.2	1246.4	1176.1	1077.6	934.1	841.3	734.4	652.8	579.6	531.8
-30°	908.8	917.3	889.1	852.5	807.5	742.8	692.2	641.5	588.1	543.0	498.0
-32.5°	723.1	728.7	714.7	700.6	678.1	652.8	621.8	585.2	543.0	500.8	458.6
-35°	621.8	624.6	624.6	621.8	616.2	596.5	574.0	540.2	500.8	461.4	424.9
-37.5°	571.2	574.0	574.0	571.2	562.7	545.8	523.3	495.2	458.6	422.0	393.9
-40°	517.7	520.5	517.7	512.1	503.6	486.8	469.9	447.4	419.2	388.3	363.0
-42.5°	467.1	464.3	461.4	455.8	447.4	436.1	422.0	405.2	385.5	363.0	343.3
-45°	419.2	419.2	416.4	413.6	408.0	399.5	391.1	377.0	363.0	346.1	329.2
-47.5°	393.9	393.9	391.1	388.3	385.5	379.8	371.4	360.1	348.9	334.8	320.8
-50°	377.0	377.0	377.0	374.2	371.4	365.8	357.3	348.9	337.6	323.6	309.5
-52.5°	365.8	365.8	365.8	363.0	360.1	357.3	348.9	337.6	323.6	312.3	301.1
-55°	360.1	357.3	357.3	354.5	351.7	348.9	337.6	326.4	315.1	303.9	292.6
-57.5°	351.7	348.9	348.9	346.1	343.3	340.5	329.2	317.9	306.7	292.6	284.2
-60°	343.3	340.5	340.5	334.8	332.0	329.2	317.9	306.7	295.4	284.2	272.9
-62.5°	332.0	329.2	326.4	323.6	317.9	312.3	303.9	292.6	278.6	267.3	256.0
-65°	306.7	303.9	301.1	298.2	295.4	292.6	284.2	270.1	258.9	247.6	236.3
-67.5°	275.7	275.7	275.7	270.1	267.3	261.7	256.0	244.8	233.5	222.3	213.8
-70°	239.2	239.2	239.2	233.5	230.7	227.9	219.5	211.0	202.6	194.1	182.9
-72.5°	202.6	199.8	199.8	197.0	191.3	188.5	182.9	177.3	168.8	163.2	154.8
-75°	166.0	163.2	163.2	160.4	157.6	154.8	149.1	146.3	140.7	135.1	126.6
-77.5°	132.2	132.2	132.2	129.4	126.6	123.8	121.0	118.2	115.4	109.7	104.1
-80°	101.3	101.3	101.3	101.3	101.3	101.3	101.3	98.5	92.9	90.0	87.2
-82.5°	73.2	76.0	76.0	76.0	76.0	76.0	76.0	76.0	73.2	70.3	67.5
-85°	47.8	50.6	50.6	53.5	56.3	56.3	59.1	56.3	53.5	47.8	45.0
-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	11.3	11.3	11.3	11.3
82.5°	5.6	8.4	8.4	8.4	11.3	11.3	14.1	16.9	22.5	25.3	25.3
80°	5.6	8.4	8.4	8.4	11.3	11.3	14.1	14.1	16.9	19.7	25.3
77.5°	5.6	5.6	8.4	8.4	8.4	11.3	11.3	14.1	14.1	16.9	19.7
75°	2.8	5.6	5.6	5.6	8.4	8.4	11.3	11.3	14.1	14.1	16.9
72.5°	2.8	5.6	5.6	5.6	8.4	8.4	11.3	11.3	11.3	14.1	14.1
70°	2.8	5.6	5.6	5.6	5.6	8.4	8.4	8.4	11.3	11.3	11.3
67.5°	2.8	2.8	2.8	5.6	5.6	5.6	5.6	8.4	8.4	8.4	11.3
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°	11.3	11.3	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	16.9	16.9	14.1	11.3	11.3	8.4	8.4
55°	42.2	39.4	36.6	31.0	28.1	25.3	22.5	16.9	14.1	11.3	8.4
52.5°	53.5	50.6	47.8	45.0	39.4	33.8	31.0	28.1	22.5	16.9	14.1
50°	78.8	70.3	64.7	59.1	53.5	47.8	42.2	39.4	31.0	25.3	19.7
47.5°	95.7	90.0	81.6	76.0	70.3	61.9	53.5	47.8	42.2	33.8	25.3
45°	109.7	104.1	95.7	90.0	84.4	76.0	67.5	59.1	53.5	45.0	33.8
42.5°	123.8	118.2	109.7	104.1	95.7	87.2	78.8	70.3	61.9	56.3	45.0
40°	143.5	135.1	123.8	118.2	112.5	101.3	90.0	81.6	73.2	64.7	53.5
37.5°	168.8	160.4	146.3	135.1	126.6	118.2	106.9	95.7	87.2	76.0	64.7
35°	208.2	194.1	174.4	157.6	146.3	135.1	121.0	109.7	98.5	87.2	76.0
32.5°	247.6	225.1	199.8	180.1	163.2	149.1	135.1	123.8	109.7	95.7	84.4
30°	278.6	253.2	227.9	199.8	180.1	163.2	149.1	135.1	121.0	106.9	92.9
27.5°	309.5	281.4	253.2	225.1	197.0	174.4	160.4	146.3	132.2	118.2	101.3
25°	340.5	309.5	281.4	250.4	216.7	191.3	171.6	160.4	146.3	129.4	109.7
22.5°	368.6	340.5	312.3	278.6	239.2	205.4	185.7	171.6	157.6	137.9	121.0
20°	422.0	385.5	351.7	309.5	264.5	230.7	205.4	185.7	168.8	149.1	129.4
17.5°	492.4	438.9	393.9	346.1	301.1	258.9	222.3	199.8	182.9	160.4	137.9
15°	582.4	489.6	433.3	385.5	332.0	284.2	244.8	213.8	191.3	168.8	149.1
12.5°	650.0	529.0	467.1	422.0	365.8	312.3	261.7	225.1	199.8	177.3	154.8
10°	725.9	571.2	495.2	444.6	385.5	326.4	272.9	233.5	205.4	185.7	163.2
7.5°	787.8	604.9	509.3	453.0	396.7	337.6	284.2	242.0	213.8	191.3	168.8
5°	844.1	633.1	520.5	455.8	402.4	346.1	289.8	247.6	219.5	197.0	174.4
2.5°	883.5	658.4	531.8	461.4	408.0	351.7	298.2	253.2	225.1	202.6	180.1
0°	917.3	666.8	529.0	461.4	410.8	351.7	301.1	256.0	227.9	205.4	182.9
-2.5°	928.5	680.9	543.0	467.1	416.4	357.3	306.7	258.9	230.7	208.2	188.5
-5°	928.5	669.6	543.0	472.7	419.2	360.1	306.7	261.7	233.5	211.0	188.5
-7.5°	894.7	652.8	540.2	478.3	422.0	363.0	306.7	264.5	236.3	213.8	191.3
-10°	835.7	627.4	537.4	481.1	422.0	360.1	306.7	264.5	236.3	213.8	194.1
-12.5°	740.0	593.7	523.3	475.5	416.4	354.5	303.9	264.5	236.3	216.7	194.1
-15°	692.2	565.5	506.5	458.6	402.4	346.1	298.2	261.7	236.3	216.7	197.0
-17.5°	627.4	543.0	489.6	441.7	391.1	337.6	292.6	261.7	236.3	213.8	197.0
-20°	582.4	517.7	469.9	427.7	377.0	329.2	289.8	258.9	236.3	213.8	197.0



REPORT NUMBER: P724026
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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°	543.0	489.6	447.4	405.2	360.1	317.9	284.2	256.0	233.5	213.8	197.0
-25°	512.1	464.3	424.9	385.5	346.1	309.5	278.6	253.2	230.7	213.8	194.1
-27.5°	483.9	438.9	402.4	365.8	329.2	301.1	272.9	250.4	230.7	211.0	191.3
-30°	453.0	416.4	379.8	346.1	320.8	292.6	267.3	244.8	227.9	208.2	188.5
-32.5°	422.0	388.3	357.3	332.0	309.5	287.0	264.5	242.0	222.3	202.6	182.9
-35°	393.9	363.0	340.5	317.9	301.1	281.4	258.9	236.3	219.5	199.8	182.9
-37.5°	365.8	343.3	323.6	306.7	289.8	272.9	250.4	230.7	213.8	194.1	174.4
-40°	343.3	326.4	312.3	298.2	281.4	261.7	244.8	225.1	208.2	188.5	166.0
-42.5°	329.2	315.1	301.1	287.0	272.9	256.0	239.2	219.5	202.6	182.9	160.4
-45°	315.1	303.9	292.6	281.4	267.3	250.4	230.7	211.0	194.1	174.4	157.6
-47.5°	306.7	295.4	284.2	275.7	264.5	242.0	225.1	205.4	185.7	168.8	149.1
-50°	298.2	287.0	278.6	267.3	253.2	233.5	216.7	197.0	180.1	160.4	143.5
-52.5°	289.8	278.6	267.3	256.0	242.0	225.1	208.2	191.3	171.6	151.9	135.1
-55°	281.4	270.1	258.9	247.6	233.5	219.5	202.6	180.1	160.4	140.7	123.8
-57.5°	272.9	264.5	250.4	236.3	222.3	208.2	188.5	168.8	149.1	129.4	115.4
-60°	261.7	250.4	239.2	222.3	208.2	191.3	174.4	157.6	137.9	121.0	106.9
-62.5°	244.8	233.5	222.3	205.4	191.3	177.3	163.2	143.5	129.4	112.5	98.5
-65°	225.1	213.8	202.6	188.5	174.4	160.4	149.1	132.2	118.2	104.1	92.9
-67.5°	202.6	191.3	182.9	168.8	157.6	143.5	132.2	118.2	104.1	92.9	81.6
-70°	174.4	166.0	157.6	146.3	135.1	123.8	112.5	101.3	90.0	81.6	70.3
-72.5°	149.1	140.7	132.2	123.8	115.4	104.1	95.7	87.2	78.8	70.3	64.7
-75°	121.0	115.4	109.7	104.1	95.7	87.2	81.6	73.2	67.5	61.9	59.1
-77.5°	101.3	95.7	90.0	84.4	78.8	73.2	67.5	61.9	59.1	56.3	53.5
-80°	81.6	78.8	76.0	70.3	67.5	61.9	59.1	53.5	53.5	53.5	53.5
-82.5°	64.7	61.9	59.1	56.3	53.5	50.6	50.6	47.8	50.6	50.6	47.8
-85°	45.0	42.2	39.4	39.4	36.6	36.6	33.8	33.8	33.8	31.0	31.0
-87.5°	19.7	19.7	19.7	19.7	16.9	16.9	16.9	16.9	16.9	14.1	14.1
-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: P724026
 CATALOG NUMBER: IFLD-M-SA4B-722-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°	11.3	11.3	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	16.9	14.1	11.3	8.4	5.6	5.6	2.8	2.8
80°	31.0	31.0	31.0	28.1	22.5	16.9	11.3	8.4	5.6	2.8	2.8
77.5°	22.5	22.5	25.3	28.1	28.1	22.5	14.1	8.4	5.6	5.6	2.8
75°	16.9	16.9	16.9	19.7	22.5	22.5	16.9	11.3	5.6	5.6	2.8
72.5°	16.9	16.9	16.9	16.9	16.9	16.9	16.9	11.3	8.4	5.6	5.6
70°	14.1	14.1	14.1	14.1	14.1	14.1	14.1	11.3	8.4	5.6	5.6
67.5°	11.3	11.3	14.1	14.1	14.1	11.3	11.3	11.3	8.4	5.6	5.6
65°	8.4	11.3	11.3	14.1	11.3	11.3	11.3	8.4	8.4	5.6	5.6
62.5°	8.4	8.4	11.3	11.3	11.3	11.3	8.4	8.4	8.4	5.6	5.6
60°	8.4	8.4	8.4	11.3	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°	11.3	8.4	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6	5.6
50°	14.1	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6	5.6	5.6
47.5°	19.7	14.1	11.3	8.4	8.4	5.6	5.6	5.6	5.6	5.6	2.8
45°	28.1	19.7	14.1	11.3	8.4	5.6	5.6	5.6	5.6	5.6	2.8
42.5°	33.8	25.3	16.9	14.1	11.3	8.4	5.6	5.6	5.6	2.8	2.8
40°	42.2	33.8	22.5	16.9	11.3	8.4	5.6	5.6	5.6	2.8	2.8
37.5°	53.5	42.2	28.1	19.7	14.1	8.4	8.4	5.6	5.6	2.8	2.8
35°	61.9	47.8	36.6	22.5	16.9	11.3	8.4	5.6	5.6	2.8	2.8
32.5°	70.3	56.3	45.0	28.1	19.7	14.1	11.3	5.6	5.6	2.8	2.8
30°	78.8	64.7	50.6	36.6	25.3	16.9	11.3	5.6	5.6	2.8	2.8
27.5°	87.2	70.3	56.3	42.2	28.1	19.7	14.1	8.4	5.6	2.8	2.8
25°	95.7	78.8	61.9	47.8	31.0	22.5	14.1	8.4	5.6	5.6	2.8
22.5°	101.3	87.2	70.3	53.5	36.6	25.3	16.9	11.3	5.6	5.6	2.8
20°	109.7	95.7	76.0	59.1	42.2	28.1	16.9	11.3	5.6	5.6	2.8
17.5°	118.2	101.3	81.6	64.7	47.8	31.0	19.7	14.1	5.6	5.6	2.8
15°	126.6	106.9	87.2	67.5	50.6	33.8	19.7	14.1	5.6	5.6	2.8
12.5°	135.1	115.4	92.9	73.2	53.5	36.6	22.5	16.9	8.4	5.6	2.8
10°	140.7	121.0	98.5	76.0	56.3	42.2	25.3	16.9	8.4	5.6	2.8
7.5°	149.1	126.6	104.1	81.6	59.1	45.0	28.1	16.9	8.4	5.6	2.8
5°	151.9	132.2	106.9	87.2	61.9	47.8	31.0	19.7	8.4	5.6	2.8
2.5°	154.8	137.9	109.7	90.0	64.7	47.8	31.0	19.7	11.3	5.6	2.8
0°	157.6	140.7	112.5	92.9	67.5	50.6	33.8	19.7	11.3	5.6	2.8
-2.5°	160.4	143.5	118.2	95.7	70.3	53.5	36.6	19.7	11.3	5.6	2.8
-5°	163.2	143.5	123.8	98.5	73.2	53.5	36.6	22.5	14.1	5.6	2.8
-7.5°	166.0	146.3	126.6	101.3	76.0	53.5	39.4	22.5	14.1	8.4	2.8
-10°	168.8	149.1	129.4	104.1	76.0	56.3	39.4	22.5	14.1	8.4	2.8
-12.5°	171.6	151.9	129.4	104.1	78.8	56.3	39.4	25.3	14.1	8.4	2.8
-15°	174.4	151.9	129.4	104.1	78.8	59.1	42.2	25.3	14.1	8.4	5.6
-17.5°	174.4	151.9	129.4	106.9	78.8	59.1	42.2	25.3	14.1	8.4	5.6
-20°	174.4	151.9	129.4	106.9	78.8	59.1	42.2	25.3	14.1	8.4	5.6



REPORT NUMBER: P724026
 CATALOG NUMBER: IFLD-M-SA4B-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	171.6	149.1	129.4	104.1	78.8	59.1	42.2	25.3	16.9	8.4	5.6
-25°	171.6	149.1	129.4	104.1	78.8	59.1	39.4	25.3	16.9	8.4	5.6
-27.5°	168.8	149.1	126.6	101.3	76.0	56.3	39.4	25.3	16.9	8.4	5.6
-30°	166.0	146.3	123.8	98.5	76.0	56.3	39.4	25.3	16.9	8.4	5.6
-32.5°	163.2	140.7	121.0	95.7	73.2	53.5	39.4	25.3	16.9	8.4	5.6
-35°	157.6	137.9	115.4	92.9	70.3	53.5	36.6	25.3	16.9	11.3	5.6
-37.5°	151.9	132.2	112.5	90.0	67.5	50.6	36.6	25.3	16.9	11.3	5.6
-40°	146.3	129.4	106.9	84.4	64.7	47.8	36.6	25.3	16.9	11.3	8.4
-42.5°	140.7	123.8	104.1	81.6	64.7	47.8	33.8	25.3	16.9	11.3	8.4
-45°	137.9	121.0	98.5	78.8	61.9	47.8	33.8	22.5	16.9	11.3	8.4
-47.5°	132.2	112.5	92.9	76.0	59.1	45.0	31.0	22.5	16.9	11.3	8.4
-50°	123.8	106.9	90.0	73.2	56.3	42.2	31.0	22.5	16.9	11.3	8.4
-52.5°	115.4	98.5	84.4	67.5	53.5	42.2	31.0	22.5	16.9	11.3	8.4
-55°	106.9	92.9	78.8	64.7	50.6	39.4	28.1	22.5	16.9	11.3	8.4
-57.5°	101.3	87.2	73.2	59.1	47.8	36.6	28.1	19.7	14.1	11.3	8.4
-60°	95.7	81.6	67.5	56.3	45.0	36.6	28.1	19.7	14.1	11.3	5.6
-62.5°	87.2	76.0	61.9	53.5	42.2	33.8	25.3	19.7	14.1	11.3	5.6
-65°	78.8	67.5	56.3	47.8	39.4	31.0	25.3	19.7	14.1	11.3	5.6
-67.5°	70.3	61.9	53.5	45.0	36.6	31.0	25.3	19.7	14.1	8.4	5.6
-70°	64.7	56.3	47.8	42.2	36.6	28.1	25.3	19.7	14.1	8.4	5.6
-72.5°	56.3	50.6	45.0	39.4	33.8	31.0	25.3	19.7	11.3	8.4	5.6
-75°	53.5	47.8	42.2	39.4	36.6	31.0	25.3	16.9	11.3	8.4	5.6
-77.5°	53.5	47.8	45.0	42.2	36.6	31.0	22.5	14.1	8.4	8.4	5.6
-80°	53.5	50.6	47.8	39.4	33.8	25.3	16.9	14.1	8.4	5.6	2.8
-82.5°	47.8	39.4	33.8	28.1	25.3	19.7	14.1	11.3	5.6	5.6	2.8
-85°	31.0	25.3	22.5	19.7	16.9	14.1	8.4	5.6	5.6	2.8	2.8
-87.5°	14.1	14.1	11.3	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: P724026
 CATALOG NUMBER: IFLD-M-SA4B-722-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: P724026
CATALOG NUMBER: IFLD-M-SA4B-722-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)