

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: P724116

Luminaire Tested: **IFLD-M-SA4E-735-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724116
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-735-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (64) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

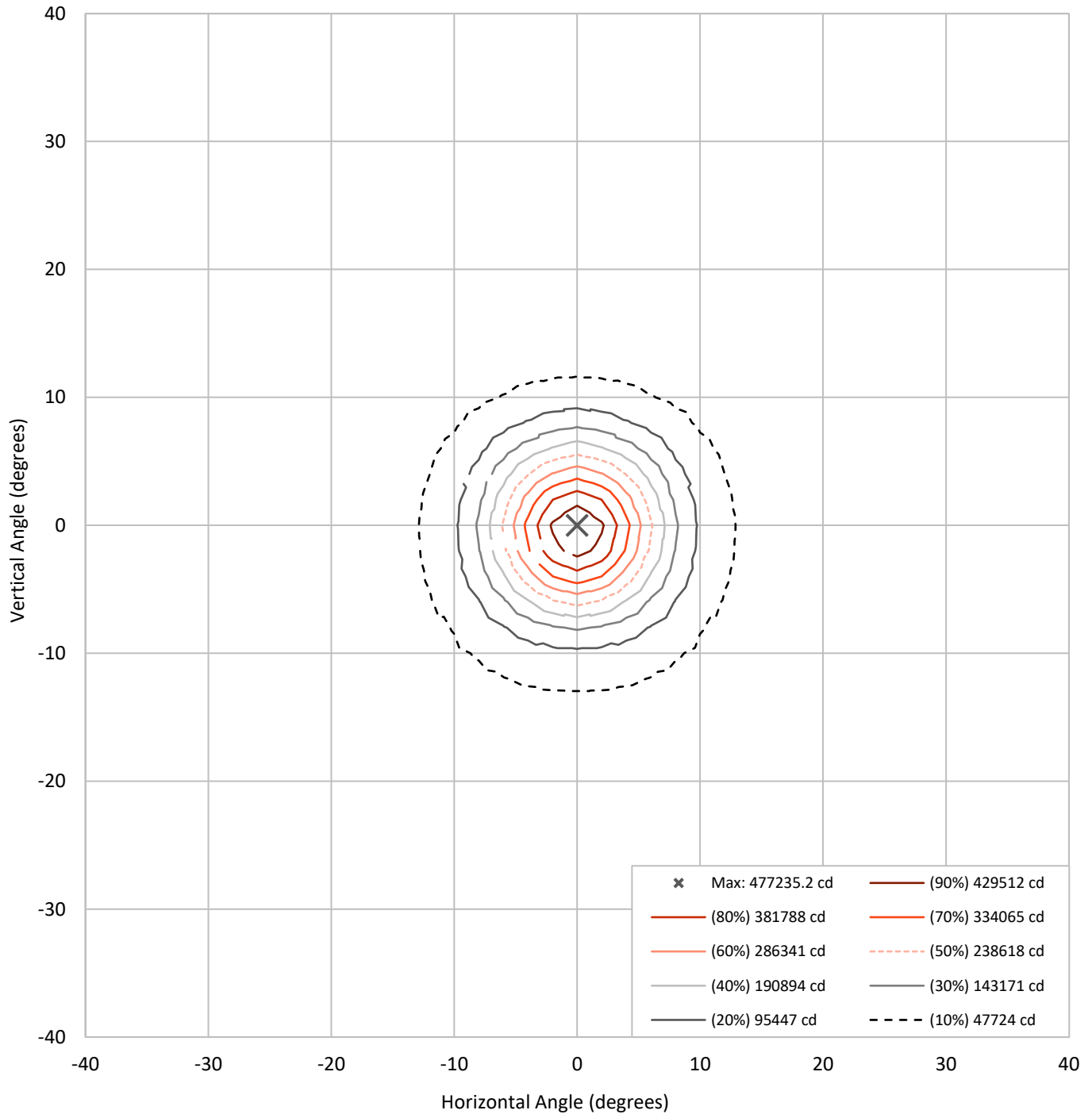
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	33335.1 lumens	Max Intensity:	477235.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	10428.8 lumens	Field Lumens:	23729.2 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 314.8
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



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Iso-Candela Plot





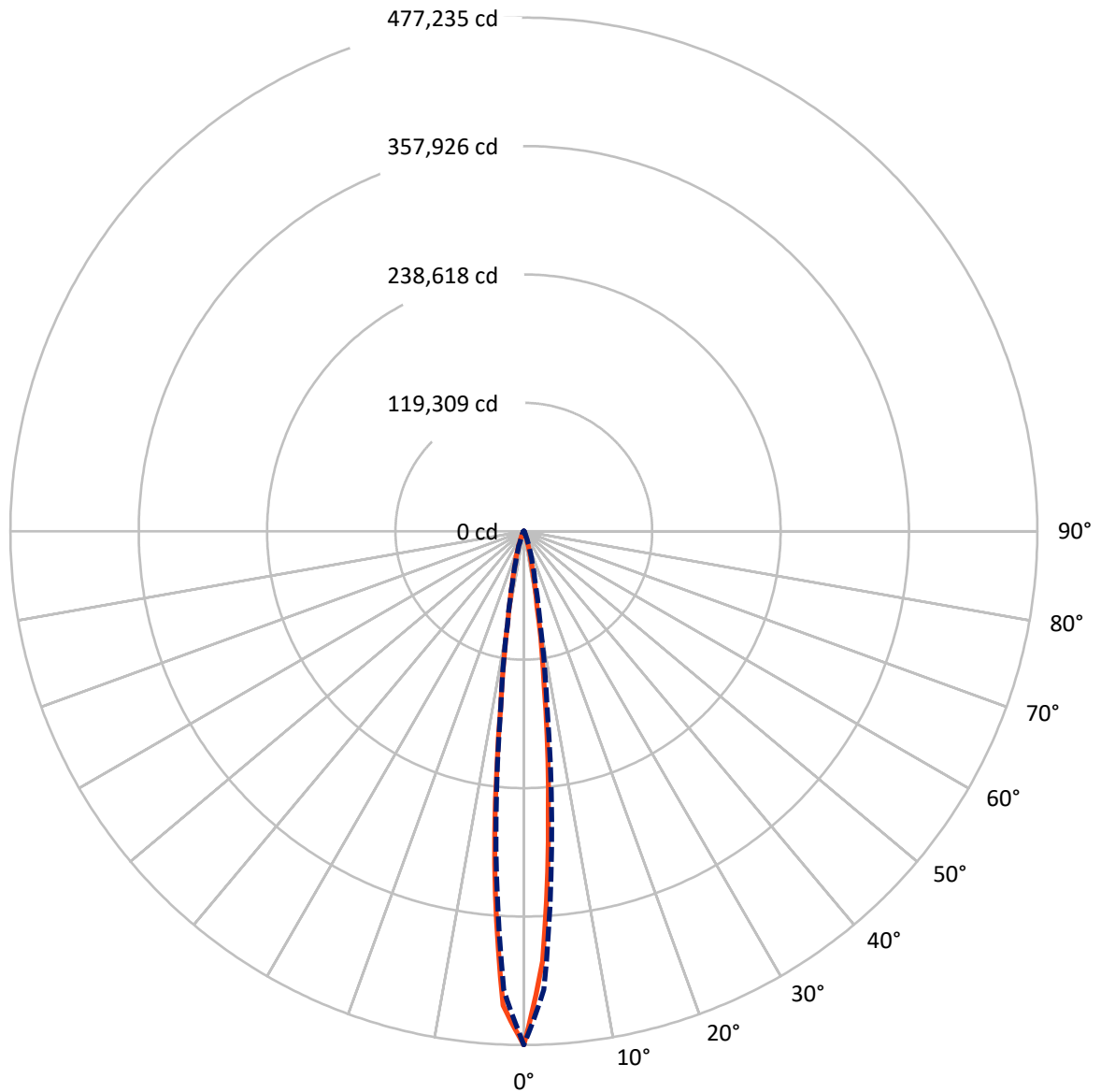
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Lumen Table

90	0.2	2.0		1.7		0.8		0.1		0.8		1.7		2.0		0.2			
80	0.2	2.0		1.7		0.8		0.1		0.8		1.7		2.0		0.2			
70	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.3	0.3			
60		0.2	0.4	0.9	1.7	2.6	3.2	3.7	3.7	3.2	2.6	1.7	0.9	0.4	0.2				
50	0.2	0.3	1.1	2.7	4.7	6.7	8.9	10.4	10.4	8.9	6.7	4.7	2.7	1.1	0.3	0.2			
40		0.5	2.3	5.0	8.5	13.4	20.3	24.2	24.2	20.3	13.4	8.5	5.0	2.3	0.5				
30	0.3	1.0	3.6	7.3	13.4	23.1	44.5	71.8	71.8	44.5	23.1	13.4	7.3	3.6	1.0	0.3			
20		1.5	4.8	10.0	20.3	50.3	262.6	664.4	664.4	262.6	50.3	20.3	10.0	4.8	1.5				
10	0.5	1.9	5.7	11.8	24.8	102.1	845.9	5212.4	5212.4	845.9	102.1	24.8	11.8	5.7	1.9	0.5			
0		2.1	6.2	12.5	25.8	116.4	930.8	5740.3	5740.3	930.8	116.4	25.8	12.5	6.2	2.1				
-10	0.7	2.3	6.5	12.4	24.2	69.8	417.8	1006.7	1006.7	417.8	69.8	24.2	12.4	6.5	2.3	0.7			
-20		2.3	6.4	11.8	20.5	35.5	86.3	162.2	162.2	86.3	35.5	20.5	11.8	6.4	2.3				
-30	0.7	2.1	5.9	10.9	17.0	25.2	35.6	41.9	41.9	35.6	25.2	17.0	10.9	5.9	2.1	0.7			
-40		1.8	5.1	9.7	14.8	19.6	24.8	27.5	27.5	24.8	19.6	14.8	9.7	5.1	1.8				
-50	0.6	1.5	4.1	8.2	13.0	17.1	21.0	22.9	22.9	21.0	17.1	13.0	8.2	4.1	1.5	0.6			
-60		1.1	3.0	6.0	9.9	13.7	17.2	19.1	19.1	17.2	13.7	9.9	6.0	3.0	1.1				
-70	0.3	4.5		12.5		23.0		27.8		23.0		12.5		4.5		0.3			
-80		4.5		12.5		23.0		27.8		23.0		12.5		4.5					
-90	0.3	4.5		12.5		23.0		27.8		23.0		12.5		4.5		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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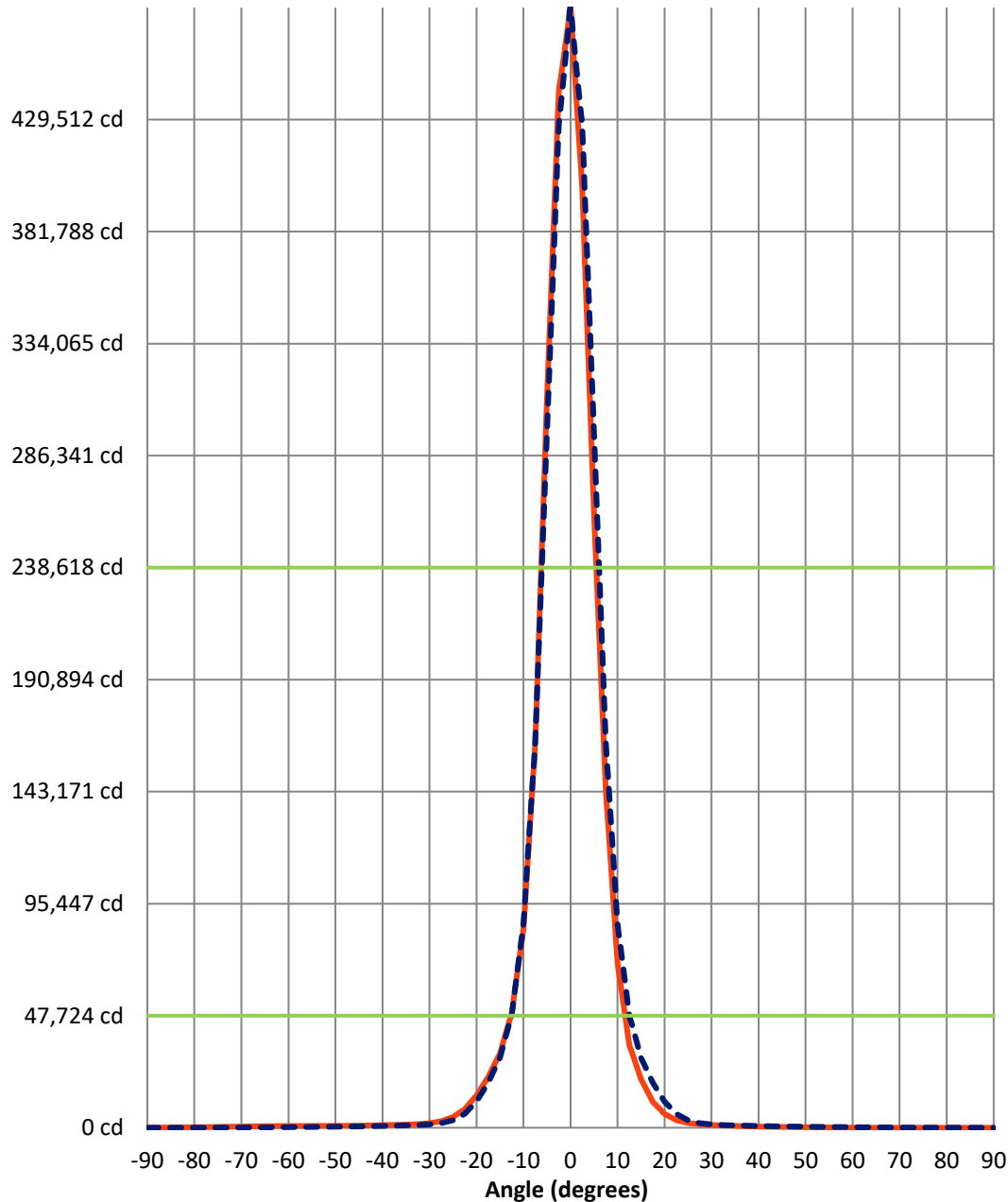
Luminous Intensity Polar Plot



— 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: 10428.8
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 23729.2
Efficiency: 71.2%

Spill:
Lumens: 9605.9
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	6.0	6.0
85°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	11.9	11.9
82.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	11.9	11.9	11.9
80°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	11.9	11.9	11.9
77.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	11.9
75°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
72.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
70°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
67.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
65°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
62.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
60°	11.9	11.9	11.9	11.9	17.9	17.9	23.9	23.9	23.9	11.9	23.9
57.5°	95.6	95.6	89.6	83.6	77.6	71.7	71.7	71.7	71.7	71.7	59.7
55°	131.4	131.4	131.4	125.4	125.4	119.4	113.5	107.5	107.5	101.5	95.6
52.5°	155.3	155.3	155.3	155.3	149.3	149.3	149.3	143.3	131.4	131.4	125.4
50°	221.0	215.0	215.0	215.0	215.0	203.1	197.1	185.1	179.2	173.2	167.2
47.5°	286.7	286.7	280.7	280.7	274.7	262.8	250.8	238.9	226.9	221.0	209.0
45°	340.4	340.4	334.4	334.4	328.5	316.5	298.6	280.7	268.7	256.8	244.9
42.5°	418.0	412.1	406.1	400.1	388.2	370.3	346.4	322.5	304.6	286.7	274.7
40°	501.7	501.7	495.7	489.7	471.8	453.9	424.0	394.2	364.3	328.5	310.5
37.5°	603.2	609.2	615.1	615.1	603.2	579.3	537.5	501.7	453.9	406.1	382.2
35°	788.3	788.3	800.3	800.3	782.3	752.5	722.6	645.0	585.3	525.5	471.8
32.5°	991.4	997.3	973.4	955.5	931.6	895.8	842.1	776.4	710.7	633.0	573.3
30°	1188.4	1188.4	1158.6	1122.8	1075.0	1015.3	949.6	877.9	800.3	722.6	651.0
27.5°	1499.0	1469.1	1445.2	1385.5	1301.9	1188.4	1104.8	991.4	889.8	800.3	722.6
25°	2012.6	2006.6	1952.9	1851.3	1684.1	1505.0	1367.6	1176.5	1021.2	883.9	794.3
22.5°	3201.0	3159.2	3033.8	2783.0	2388.8	2078.3	1797.6	1499.0	1218.3	1033.2	889.8
20°	5918.3	5781.0	5446.5	4753.8	3869.9	3260.8	2562.0	2060.4	1588.6	1242.2	1027.2
17.5°	11042.4	10952.8	10827.4	9226.9	7429.3	6139.3	4568.6	3159.2	2257.4	1624.4	1218.3
15°	20699.2	20036.3	18650.8	16733.8	14219.5	10988.6	8080.2	5100.2	3224.9	2161.9	1546.8
12.5°	35384.6	34650.0	31072.8	26277.2	21756.3	17157.8	12045.7	7751.8	4592.5	2747.2	1833.4
10°	70506.4	65173.4	55158.2	41165.6	32129.8	23960.0	16912.9	10576.6	5978.1	3469.8	2173.8
7.5°	144411.0	126984.4	97852.6	69079.1	44713.0	31425.1	21601.0	13831.3	7966.8	4341.7	2484.4
5°	261738.5	230821.1	173895.1	104708.6	64928.5	39385.9	25632.2	16447.1	9429.9	5052.4	2794.9
2.5°	399657.9	359662.8	251406.8	143981.0	80061.8	45549.1	28451.0	18167.1	10361.6	5536.1	3033.8
0°	477235.2	426293.3	296072.0	164841.5	87270.1	48164.9	29830.6	19200.3	11149.9	5930.3	3189.1
-2.5°	440847.3	399837.0	272094.1	153124.2	83394.2	47018.2	30027.6	19457.1	11281.3	6037.8	3260.8
-5°	310709.6	277051.0	188270.0	112997.8	70757.3	43309.6	28331.6	18489.6	10917.0	5882.5	3230.9
-7.5°	164381.6	149152.8	111654.1	81196.5	51646.6	36656.7	25506.8	16775.6	9973.4	5464.5	3051.7
-10°	84929.0	81805.6	70494.5	53139.6	41792.6	30708.5	21768.2	14344.9	8337.0	4706.0	2747.2
-12.5°	48965.1	48433.6	44796.6	38454.3	32046.2	25226.1	17862.5	11699.3	6957.5	3899.8	2317.2
-15°	31705.8	31932.7	30666.7	28027.0	24378.0	18877.8	13723.8	8701.3	5147.9	3159.2	2042.5
-17.5°	21636.9	21577.1	20985.9	19176.4	16238.1	12750.4	9095.5	6145.3	3899.8	2460.5	1696.1
-20°	13688.0	13711.9	13162.5	11914.3	9752.4	7859.3	5661.5	4144.6	2765.1	1935.0	1499.0



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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°	7942.9	7960.8	7614.4	6909.7	5775.0	4658.2	3678.8	2741.2	2036.5	1612.5	1313.9
-25°	4562.7	4491.0	4353.6	4013.2	3481.7	2872.6	2442.6	1929.0	1630.4	1367.6	1200.4
-27.5°	2765.1	2717.3	2645.6	2496.3	2287.3	1982.7	1785.7	1558.7	1385.5	1230.2	1128.7
-30°	1929.0	1946.9	1887.2	1809.5	1714.0	1576.6	1469.1	1361.6	1248.2	1152.6	1057.1
-32.5°	1534.8	1546.8	1516.9	1487.0	1439.3	1385.5	1319.8	1242.2	1152.6	1063.0	973.4
-35°	1319.8	1325.8	1325.8	1319.8	1307.9	1266.1	1218.3	1146.6	1063.0	979.4	901.8
-37.5°	1212.3	1218.3	1218.3	1212.3	1194.4	1158.6	1110.8	1051.1	973.4	895.8	836.1
-40°	1098.9	1104.8	1098.9	1086.9	1069.0	1033.2	997.3	949.6	889.8	824.1	770.4
-42.5°	991.4	985.4	979.4	967.5	949.6	925.7	895.8	860.0	818.2	770.4	728.6
-45°	889.8	889.8	883.9	877.9	866.0	848.0	830.1	800.3	770.4	734.6	698.7
-47.5°	836.1	836.1	830.1	824.1	818.2	806.2	788.3	764.4	740.5	710.7	680.8
-50°	800.3	800.3	800.3	794.3	788.3	776.4	758.5	740.5	716.7	686.8	656.9
-52.5°	776.4	776.4	776.4	770.4	764.4	758.5	740.5	716.7	686.8	662.9	639.0
-55°	764.4	758.5	758.5	752.5	746.5	740.5	716.7	692.8	668.9	645.0	621.1
-57.5°	746.5	740.5	740.5	734.6	728.6	722.6	698.7	674.8	651.0	621.1	603.2
-60°	728.6	722.6	722.6	710.7	704.7	698.7	674.8	651.0	627.1	603.2	579.3
-62.5°	704.7	698.7	692.8	686.8	674.8	662.9	645.0	621.1	591.2	567.3	543.5
-65°	651.0	645.0	639.0	633.0	627.1	621.1	603.2	573.3	549.4	525.5	501.7
-67.5°	585.3	585.3	585.3	573.3	567.3	555.4	543.5	519.6	495.7	471.8	453.9
-70°	507.6	507.6	507.6	495.7	489.7	483.7	465.8	447.9	430.0	412.1	388.2
-72.5°	430.0	424.0	424.0	418.0	406.1	400.1	388.2	376.2	358.3	346.4	328.5
-75°	352.4	346.4	346.4	340.4	334.4	328.5	316.5	310.5	298.6	286.7	268.7
-77.5°	280.7	280.7	280.7	274.7	268.7	262.8	256.8	250.8	244.9	232.9	221.0
-80°	215.0	215.0	215.0	215.0	215.0	215.0	215.0	209.0	197.1	191.1	185.1
-82.5°	155.3	161.2	161.2	161.2	161.2	161.2	161.2	161.2	155.3	149.3	143.3
-85°	101.5	107.5	107.5	113.5	119.4	119.4	125.4	119.4	113.5	101.5	95.6
-87.5°	53.7	53.7	53.7	53.7	53.7	53.7	53.7	47.8	47.8	47.8	41.8
-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°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	11.9	11.9	11.9
85°	11.9	11.9	11.9	11.9	17.9	17.9	17.9	23.9	23.9	23.9	23.9
82.5°	11.9	17.9	17.9	17.9	23.9	23.9	29.9	35.8	47.8	53.7	53.7
80°	11.9	17.9	17.9	17.9	23.9	23.9	29.9	29.9	35.8	41.8	53.7
77.5°	11.9	11.9	17.9	17.9	17.9	23.9	23.9	29.9	29.9	35.8	41.8
75°	6.0	11.9	11.9	11.9	17.9	17.9	23.9	23.9	29.9	29.9	35.8
72.5°	6.0	11.9	11.9	11.9	17.9	17.9	23.9	23.9	23.9	29.9	29.9
70°	6.0	11.9	11.9	11.9	11.9	17.9	17.9	17.9	23.9	23.9	23.9
67.5°	6.0	6.0	6.0	11.9	11.9	11.9	11.9	17.9	17.9	17.9	23.9
65°	6.0	6.0	6.0	6.0	11.9	11.9	11.9	11.9	17.9	17.9	17.9
62.5°	6.0	6.0	6.0	11.9	11.9	11.9	11.9	11.9	17.9	17.9	17.9
60°	23.9	23.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
57.5°	53.7	53.7	47.8	41.8	35.8	35.8	29.9	23.9	23.9	17.9	17.9
55°	89.6	83.6	77.6	65.7	59.7	53.7	47.8	35.8	29.9	23.9	17.9
52.5°	113.5	107.5	101.5	95.6	83.6	71.7	65.7	59.7	47.8	35.8	29.9
50°	167.2	149.3	137.4	125.4	113.5	101.5	89.6	83.6	65.7	53.7	41.8
47.5°	203.1	191.1	173.2	161.2	149.3	131.4	113.5	101.5	89.6	71.7	53.7
45°	232.9	221.0	203.1	191.1	179.2	161.2	143.3	125.4	113.5	95.6	71.7
42.5°	262.8	250.8	232.9	221.0	203.1	185.1	167.2	149.3	131.4	119.4	95.6
40°	304.6	286.7	262.8	250.8	238.9	215.0	191.1	173.2	155.3	137.4	113.5
37.5°	358.3	340.4	310.5	286.7	268.7	250.8	226.9	203.1	185.1	161.2	137.4
35°	441.9	412.1	370.3	334.4	310.5	286.7	256.8	232.9	209.0	185.1	161.2
32.5°	525.5	477.8	424.0	382.2	346.4	316.5	286.7	262.8	232.9	203.1	179.2
30°	591.2	537.5	483.7	424.0	382.2	346.4	316.5	286.7	256.8	226.9	197.1
27.5°	656.9	597.2	537.5	477.8	418.0	370.3	340.4	310.5	280.7	250.8	215.0
25°	722.6	656.9	597.2	531.5	459.9	406.1	364.3	340.4	310.5	274.7	232.9
22.5°	782.3	722.6	662.9	591.2	507.6	436.0	394.2	364.3	334.4	292.6	256.8
20°	895.8	818.2	746.5	656.9	561.4	489.7	436.0	394.2	358.3	316.5	274.7
17.5°	1045.1	931.6	836.1	734.6	639.0	549.4	471.8	424.0	388.2	340.4	292.6
15°	1236.2	1039.1	919.7	818.2	704.7	603.2	519.6	453.9	406.1	358.3	316.5
12.5°	1379.6	1122.8	991.4	895.8	776.4	662.9	555.4	477.8	424.0	376.2	328.5
10°	1540.8	1212.3	1051.1	943.6	818.2	692.8	579.3	495.7	436.0	394.2	346.4
7.5°	1672.2	1284.0	1080.9	961.5	842.1	716.7	603.2	513.6	453.9	406.1	358.3
5°	1791.6	1343.7	1104.8	967.5	854.0	734.6	615.1	525.5	465.8	418.0	370.3
2.5°	1875.2	1397.5	1128.7	979.4	866.0	746.5	633.0	537.5	477.8	430.0	382.2
0°	1946.9	1415.4	1122.8	979.4	871.9	746.5	639.0	543.5	483.7	436.0	388.2
-2.5°	1970.8	1445.2	1152.6	991.4	883.9	758.5	651.0	549.4	489.7	441.9	400.1
-5°	1970.8	1421.4	1152.6	1003.3	889.8	764.4	651.0	555.4	495.7	447.9	400.1
-7.5°	1899.1	1385.5	1146.6	1015.3	895.8	770.4	651.0	561.4	501.7	453.9	406.1
-10°	1773.7	1331.8	1140.7	1021.2	895.8	764.4	651.0	561.4	501.7	453.9	412.1
-12.5°	1570.7	1260.1	1110.8	1009.3	883.9	752.5	645.0	561.4	501.7	459.9	412.1
-15°	1469.1	1200.4	1075.0	973.4	854.0	734.6	633.0	555.4	501.7	459.9	418.0
-17.5°	1331.8	1152.6	1039.1	937.6	830.1	716.7	621.1	555.4	501.7	453.9	418.0
-20°	1236.2	1098.9	997.3	907.8	800.3	698.7	615.1	549.4	501.7	453.9	418.0



REPORT NUMBER: P724116
 CATALOG NUMBER: IFLD-M-SA4E-735-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°	1152.6	1039.1	949.6	860.0	764.4	674.8	603.2	543.5	495.7	453.9	418.0
-25°	1086.9	985.4	901.8	818.2	734.6	656.9	591.2	537.5	489.7	453.9	412.1
-27.5°	1027.2	931.6	854.0	776.4	698.7	639.0	579.3	531.5	489.7	447.9	406.1
-30°	961.5	883.9	806.2	734.6	680.8	621.1	567.3	519.6	483.7	441.9	400.1
-32.5°	895.8	824.1	758.5	704.7	656.9	609.2	561.4	513.6	471.8	430.0	388.2
-35°	836.1	770.4	722.6	674.8	639.0	597.2	549.4	501.7	465.8	424.0	388.2
-37.5°	776.4	728.6	686.8	651.0	615.1	579.3	531.5	489.7	453.9	412.1	370.3
-40°	728.6	692.8	662.9	633.0	597.2	555.4	519.6	477.8	441.9	400.1	352.4
-42.5°	698.7	668.9	639.0	609.2	579.3	543.5	507.6	465.8	430.0	388.2	340.4
-45°	668.9	645.0	621.1	597.2	567.3	531.5	489.7	447.9	412.1	370.3	334.4
-47.5°	651.0	627.1	603.2	585.3	561.4	513.6	477.8	436.0	394.2	358.3	316.5
-50°	633.0	609.2	591.2	567.3	537.5	495.7	459.9	418.0	382.2	340.4	304.6
-52.5°	615.1	591.2	567.3	543.5	513.6	477.8	441.9	406.1	364.3	322.5	286.7
-55°	597.2	573.3	549.4	525.5	495.7	465.8	430.0	382.2	340.4	298.6	262.8
-57.5°	579.3	561.4	531.5	501.7	471.8	441.9	400.1	358.3	316.5	274.7	244.9
-60°	555.4	531.5	507.6	471.8	441.9	406.1	370.3	334.4	292.6	256.8	226.9
-62.5°	519.6	495.7	471.8	436.0	406.1	376.2	346.4	304.6	274.7	238.9	209.0
-65°	477.8	453.9	430.0	400.1	370.3	340.4	316.5	280.7	250.8	221.0	197.1
-67.5°	430.0	406.1	388.2	358.3	334.4	304.6	280.7	250.8	221.0	197.1	173.2
-70°	370.3	352.4	334.4	310.5	286.7	262.8	238.9	215.0	191.1	173.2	149.3
-72.5°	316.5	298.6	280.7	262.8	244.9	221.0	203.1	185.1	167.2	149.3	137.4
-75°	256.8	244.9	232.9	221.0	203.1	185.1	173.2	155.3	143.3	131.4	125.4
-77.5°	215.0	203.1	191.1	179.2	167.2	155.3	143.3	131.4	125.4	119.4	113.5
-80°	173.2	167.2	161.2	149.3	143.3	131.4	125.4	113.5	113.5	113.5	113.5
-82.5°	137.4	131.4	125.4	119.4	113.5	107.5	107.5	101.5	107.5	107.5	101.5
-85°	95.6	89.6	83.6	83.6	77.6	77.6	71.7	71.7	71.7	65.7	65.7
-87.5°	41.8	41.8	41.8	41.8	35.8	35.8	35.8	35.8	35.8	29.9	29.9
-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: P724116
 CATALOG NUMBER: IFLD-M-SA4E-735-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°	11.9	11.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	0.0	0.0
85°	23.9	23.9	17.9	17.9	17.9	11.9	11.9	6.0	6.0	6.0	6.0
82.5°	53.7	47.8	41.8	35.8	29.9	23.9	17.9	11.9	11.9	6.0	6.0
80°	65.7	65.7	65.7	59.7	47.8	35.8	23.9	17.9	11.9	6.0	6.0
77.5°	47.8	47.8	53.7	59.7	59.7	47.8	29.9	17.9	11.9	11.9	6.0
75°	35.8	35.8	35.8	41.8	47.8	47.8	35.8	23.9	11.9	11.9	6.0
72.5°	35.8	35.8	35.8	35.8	35.8	35.8	35.8	23.9	17.9	11.9	11.9
70°	29.9	29.9	29.9	29.9	29.9	29.9	29.9	23.9	17.9	11.9	11.9
67.5°	23.9	23.9	29.9	29.9	29.9	23.9	23.9	23.9	17.9	11.9	11.9
65°	17.9	23.9	23.9	29.9	23.9	23.9	23.9	17.9	17.9	11.9	11.9
62.5°	17.9	17.9	23.9	23.9	23.9	23.9	17.9	17.9	17.9	11.9	11.9
60°	17.9	17.9	17.9	23.9	17.9	17.9	17.9	17.9	17.9	11.9	11.9
57.5°	17.9	17.9	17.9	17.9	17.9	17.9	17.9	11.9	11.9	11.9	11.9
55°	17.9	17.9	17.9	17.9	17.9	17.9	11.9	11.9	11.9	11.9	11.9
52.5°	23.9	17.9	17.9	17.9	17.9	17.9	11.9	11.9	11.9	11.9	11.9
50°	29.9	17.9	17.9	17.9	17.9	11.9	11.9	11.9	11.9	11.9	11.9
47.5°	41.8	29.9	23.9	17.9	17.9	11.9	11.9	11.9	11.9	11.9	6.0
45°	59.7	41.8	29.9	23.9	17.9	11.9	11.9	11.9	11.9	11.9	6.0
42.5°	71.7	53.7	35.8	29.9	23.9	17.9	11.9	11.9	11.9	6.0	6.0
40°	89.6	71.7	47.8	35.8	23.9	17.9	11.9	11.9	11.9	6.0	6.0
37.5°	113.5	89.6	59.7	41.8	29.9	17.9	17.9	11.9	11.9	6.0	6.0
35°	131.4	101.5	77.6	47.8	35.8	23.9	17.9	11.9	11.9	6.0	6.0
32.5°	149.3	119.4	95.6	59.7	41.8	29.9	23.9	11.9	11.9	6.0	6.0
30°	167.2	137.4	107.5	77.6	53.7	35.8	23.9	11.9	11.9	6.0	6.0
27.5°	185.1	149.3	119.4	89.6	59.7	41.8	29.9	17.9	11.9	6.0	6.0
25°	203.1	167.2	131.4	101.5	65.7	47.8	29.9	17.9	11.9	11.9	6.0
22.5°	215.0	185.1	149.3	113.5	77.6	53.7	35.8	23.9	11.9	11.9	6.0
20°	232.9	203.1	161.2	125.4	89.6	59.7	35.8	23.9	11.9	11.9	6.0
17.5°	250.8	215.0	173.2	137.4	101.5	65.7	41.8	29.9	11.9	11.9	6.0
15°	268.7	226.9	185.1	143.3	107.5	71.7	41.8	29.9	11.9	11.9	6.0
12.5°	286.7	244.9	197.1	155.3	113.5	77.6	47.8	35.8	17.9	11.9	6.0
10°	298.6	256.8	209.0	161.2	119.4	89.6	53.7	35.8	17.9	11.9	6.0
7.5°	316.5	268.7	221.0	173.2	125.4	95.6	59.7	35.8	17.9	11.9	6.0
5°	322.5	280.7	226.9	185.1	131.4	101.5	65.7	41.8	17.9	11.9	6.0
2.5°	328.5	292.6	232.9	191.1	137.4	101.5	65.7	41.8	23.9	11.9	6.0
0°	334.4	298.6	238.9	197.1	143.3	107.5	71.7	41.8	23.9	11.9	6.0
-2.5°	340.4	304.6	250.8	203.1	149.3	113.5	77.6	41.8	23.9	11.9	6.0
-5°	346.4	304.6	262.8	209.0	155.3	113.5	77.6	47.8	29.9	11.9	6.0
-7.5°	352.4	310.5	268.7	215.0	161.2	113.5	83.6	47.8	29.9	17.9	6.0
-10°	358.3	316.5	274.7	221.0	161.2	119.4	83.6	47.8	29.9	17.9	6.0
-12.5°	364.3	322.5	274.7	221.0	167.2	119.4	83.6	53.7	29.9	17.9	6.0
-15°	370.3	322.5	274.7	221.0	167.2	125.4	89.6	53.7	29.9	17.9	11.9
-17.5°	370.3	322.5	274.7	226.9	167.2	125.4	89.6	53.7	29.9	17.9	11.9
-20°	370.3	322.5	274.7	226.9	167.2	125.4	89.6	53.7	29.9	17.9	11.9



REPORT NUMBER: P724116
 CATALOG NUMBER: IFLD-M-SA4E-735-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	364.3	316.5	274.7	221.0	167.2	125.4	89.6	53.7	35.8	17.9	11.9
-25°	364.3	316.5	274.7	221.0	167.2	125.4	83.6	53.7	35.8	17.9	11.9
-27.5°	358.3	316.5	268.7	215.0	161.2	119.4	83.6	53.7	35.8	17.9	11.9
-30°	352.4	310.5	262.8	209.0	161.2	119.4	83.6	53.7	35.8	17.9	11.9
-32.5°	346.4	298.6	256.8	203.1	155.3	113.5	83.6	53.7	35.8	17.9	11.9
-35°	334.4	292.6	244.9	197.1	149.3	113.5	77.6	53.7	35.8	23.9	11.9
-37.5°	322.5	280.7	238.9	191.1	143.3	107.5	77.6	53.7	35.8	23.9	11.9
-40°	310.5	274.7	226.9	179.2	137.4	101.5	77.6	53.7	35.8	23.9	17.9
-42.5°	298.6	262.8	221.0	173.2	137.4	101.5	71.7	53.7	35.8	23.9	17.9
-45°	292.6	256.8	209.0	167.2	131.4	101.5	71.7	47.8	35.8	23.9	17.9
-47.5°	280.7	238.9	197.1	161.2	125.4	95.6	65.7	47.8	35.8	23.9	17.9
-50°	262.8	226.9	191.1	155.3	119.4	89.6	65.7	47.8	35.8	23.9	17.9
-52.5°	244.9	209.0	179.2	143.3	113.5	89.6	65.7	47.8	35.8	23.9	17.9
-55°	226.9	197.1	167.2	137.4	107.5	83.6	59.7	47.8	35.8	23.9	17.9
-57.5°	215.0	185.1	155.3	125.4	101.5	77.6	59.7	41.8	29.9	23.9	17.9
-60°	203.1	173.2	143.3	119.4	95.6	77.6	59.7	41.8	29.9	23.9	11.9
-62.5°	185.1	161.2	131.4	113.5	89.6	71.7	53.7	41.8	29.9	23.9	11.9
-65°	167.2	143.3	119.4	101.5	83.6	65.7	53.7	41.8	29.9	23.9	11.9
-67.5°	149.3	131.4	113.5	95.6	77.6	65.7	53.7	41.8	29.9	17.9	11.9
-70°	137.4	119.4	101.5	89.6	77.6	59.7	53.7	41.8	29.9	17.9	11.9
-72.5°	119.4	107.5	95.6	83.6	71.7	65.7	53.7	41.8	23.9	17.9	11.9
-75°	113.5	101.5	89.6	83.6	77.6	65.7	53.7	35.8	23.9	17.9	11.9
-77.5°	113.5	101.5	95.6	89.6	77.6	65.7	47.8	29.9	17.9	17.9	11.9
-80°	113.5	107.5	101.5	83.6	71.7	53.7	35.8	29.9	17.9	11.9	6.0
-82.5°	101.5	83.6	71.7	59.7	53.7	41.8	29.9	23.9	11.9	11.9	6.0
-85°	65.7	53.7	47.8	41.8	35.8	29.9	17.9	11.9	11.9	6.0	6.0
-87.5°	29.9	29.9	23.9	17.9	17.9	11.9	11.9	6.0	6.0	6.0	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: P724116
 CATALOG NUMBER: IFLD-M-SA4E-735-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°	6.0	0.0	0.0	0.0
77.5°	6.0	0.0	0.0	0.0
75°	6.0	6.0	0.0	0.0
72.5°	6.0	6.0	0.0	0.0
70°	6.0	6.0	0.0	0.0
67.5°	6.0	6.0	0.0	0.0
65°	6.0	6.0	0.0	0.0
62.5°	6.0	6.0	0.0	0.0
60°	6.0	6.0	0.0	0.0
57.5°	6.0	6.0	6.0	0.0
55°	6.0	6.0	6.0	0.0
52.5°	6.0	6.0	6.0	0.0
50°	6.0	6.0	6.0	0.0
47.5°	6.0	6.0	6.0	0.0
45°	6.0	6.0	6.0	0.0
42.5°	6.0	6.0	6.0	0.0
40°	6.0	6.0	6.0	0.0
37.5°	6.0	6.0	6.0	0.0
35°	6.0	6.0	6.0	0.0
32.5°	6.0	6.0	6.0	0.0
30°	6.0	6.0	6.0	0.0
27.5°	6.0	6.0	6.0	0.0
25°	6.0	6.0	6.0	0.0
22.5°	6.0	6.0	6.0	0.0
20°	6.0	6.0	6.0	0.0
17.5°	6.0	6.0	6.0	0.0
15°	6.0	6.0	6.0	0.0
12.5°	6.0	6.0	6.0	0.0
10°	6.0	6.0	6.0	0.0
7.5°	6.0	6.0	6.0	0.0
5°	6.0	6.0	6.0	0.0
2.5°	6.0	6.0	6.0	0.0
0°	6.0	6.0	6.0	0.0
-2.5°	6.0	6.0	6.0	0.0
-5°	6.0	6.0	6.0	0.0
-7.5°	6.0	6.0	6.0	0.0
-10°	6.0	6.0	6.0	0.0
-12.5°	6.0	6.0	6.0	0.0
-15°	6.0	6.0	6.0	0.0
-17.5°	6.0	6.0	6.0	0.0
-20°	6.0	6.0	6.0	0.0



REPORT NUMBER: P724116
CATALOG NUMBER: IFLD-M-SA4E-735-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.0	6.0	6.0	0.0
-25°	6.0	6.0	6.0	0.0
-27.5°	6.0	6.0	6.0	0.0
-30°	6.0	6.0	6.0	0.0
-32.5°	6.0	6.0	6.0	0.0
-35°	6.0	6.0	6.0	0.0
-37.5°	6.0	6.0	6.0	0.0
-40°	6.0	6.0	6.0	0.0
-42.5°	6.0	6.0	6.0	0.0
-45°	6.0	6.0	6.0	0.0
-47.5°	6.0	6.0	6.0	0.0
-50°	6.0	6.0	6.0	0.0
-52.5°	6.0	6.0	6.0	0.0
-55°	6.0	6.0	6.0	0.0
-57.5°	6.0	6.0	6.0	0.0
-60°	6.0	6.0	0.0	0.0
-62.5°	6.0	6.0	0.0	0.0
-65°	6.0	6.0	0.0	0.0
-67.5°	6.0	6.0	0.0	0.0
-70°	6.0	6.0	0.0	0.0
-72.5°	6.0	6.0	0.0	0.0
-75°	6.0	6.0	0.0	0.0
-77.5°	6.0	0.0	0.0	0.0
-80°	6.0	0.0	0.0	0.0
-82.5°	6.0	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)