

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: P724057

Luminaire Tested: **IFLD-M-SA4D-727-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724057
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-727-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (64) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

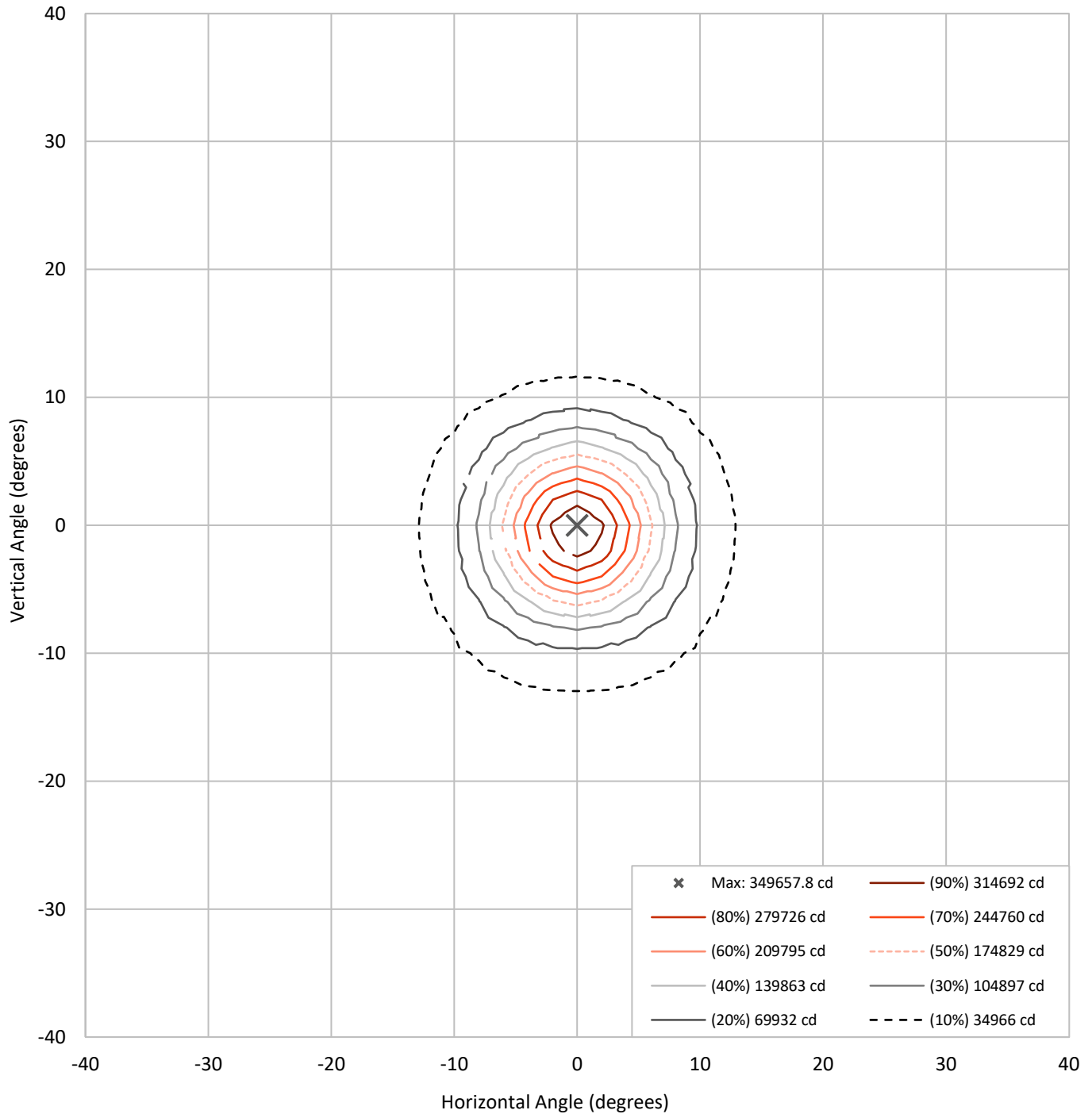
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	24423.8 lumens	Max Intensity:	349657.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	7640.9 lumens	Field Lumens:	17385.7 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 249.7
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





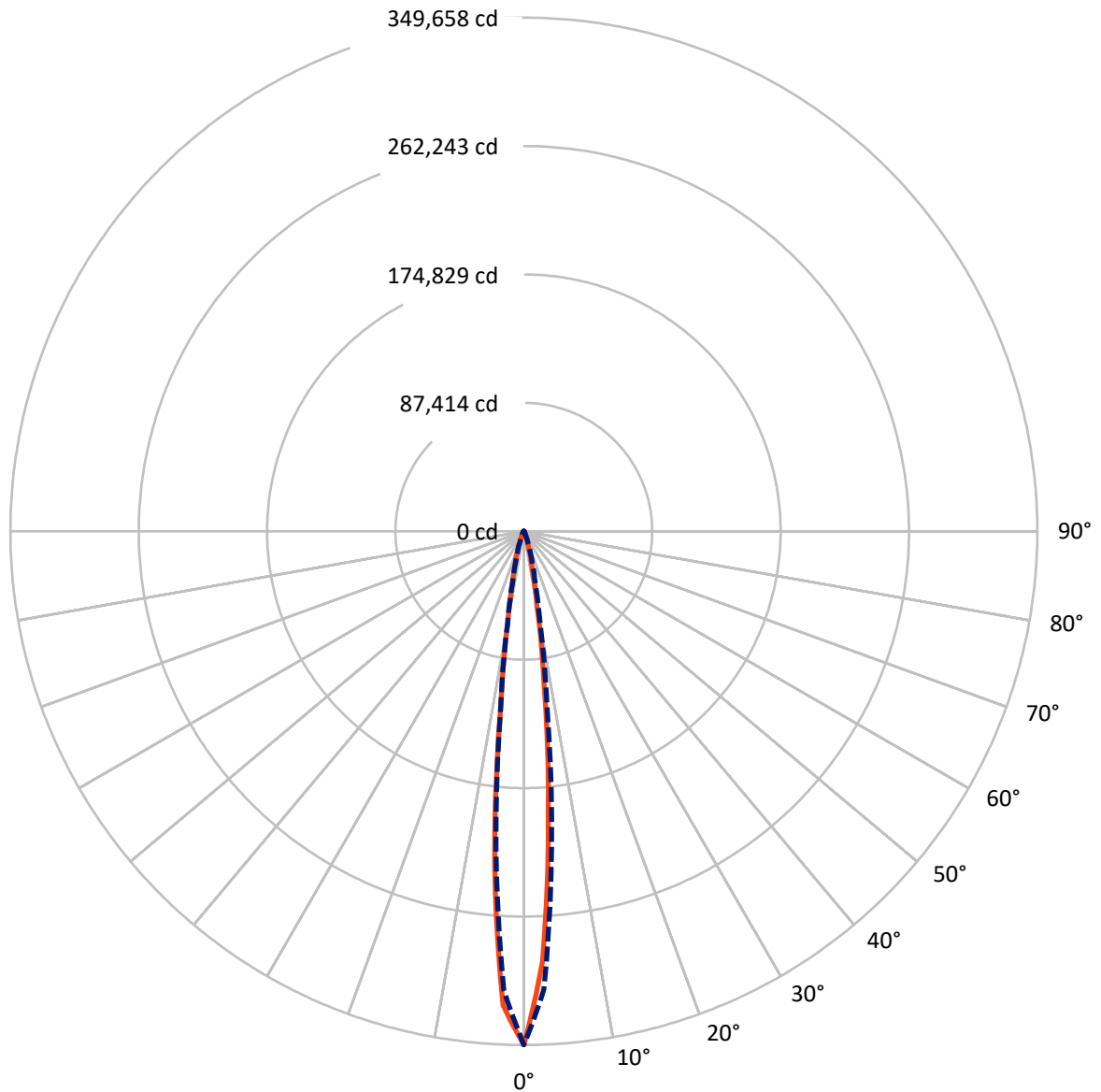
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Lumen Table

90	0.2	1.5		1.2		0.6		0.1		0.6		1.2		1.5		0.2			
80	0.2	1.5		1.2		0.6		0.1		0.6		1.2		1.5		0.2			
70	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.0	0.0	0.2	0.2	0.2	0.2	0.3	0.2	0.2			
60		0.2	0.3	0.7	1.3	1.9	2.4	2.7	2.7	2.4	1.9	1.3	0.7	0.3	0.2				
50	0.2	0.2	0.8	2.0	3.5	4.9	6.5	7.7	7.7	6.5	4.9	3.5	2.0	0.8	0.2	0.2			
40		0.4	1.7	3.7	6.2	9.8	14.8	17.8	17.8	14.8	9.8	6.2	3.7	1.7	0.4				
30	0.2	0.7	2.6	5.4	9.8	16.9	32.6	52.6	52.6	32.6	16.9	9.8	5.4	2.6	0.7	0.2			
20		1.1	3.5	7.3	14.9	36.8	192.4	486.8	486.8	192.4	36.8	14.9	7.3	3.5	1.1				
10	0.4	1.4	4.2	8.6	18.1	74.8	619.7	3819.0	3819.0	619.7	74.8	18.1	8.6	4.2	1.4	0.4			
0		1.6	4.5	9.1	18.9	85.3	681.9	4205.7	4205.7	681.9	85.3	18.9	9.1	4.5	1.6				
-10	0.5	1.7	4.7	9.1	17.7	51.1	306.1	737.6	737.6	306.1	51.1	17.7	9.1	4.7	1.7	0.5			
-20		1.7	4.7	8.6	15.0	26.0	63.3	118.8	118.8	63.3	26.0	15.0	8.6	4.7	1.7				
-30	0.5	1.5	4.3	8.0	12.5	18.5	26.1	30.7	30.7	26.1	18.5	12.5	8.0	4.3	1.5	0.5			
-40		1.3	3.8	7.1	10.9	14.4	18.2	20.2	20.2	18.2	14.4	10.9	7.1	3.8	1.3				
-50	0.4	1.1	3.0	6.0	9.5	12.5	15.4	16.8	16.8	15.4	12.5	9.5	6.0	3.0	1.1	0.4			
-60		0.8	2.2	4.4	7.3	10.0	12.6	14.0	14.0	12.6	10.0	7.3	4.4	2.2	0.8				
-70	0.2	3.3		9.1		16.9		20.4		16.9		9.1		3.3		0.2			
-80		3.3		9.1		16.9		20.4		16.9		9.1		3.3					
-90	0.2	3.3		9.1		16.9		20.4		16.9		9.1		3.3		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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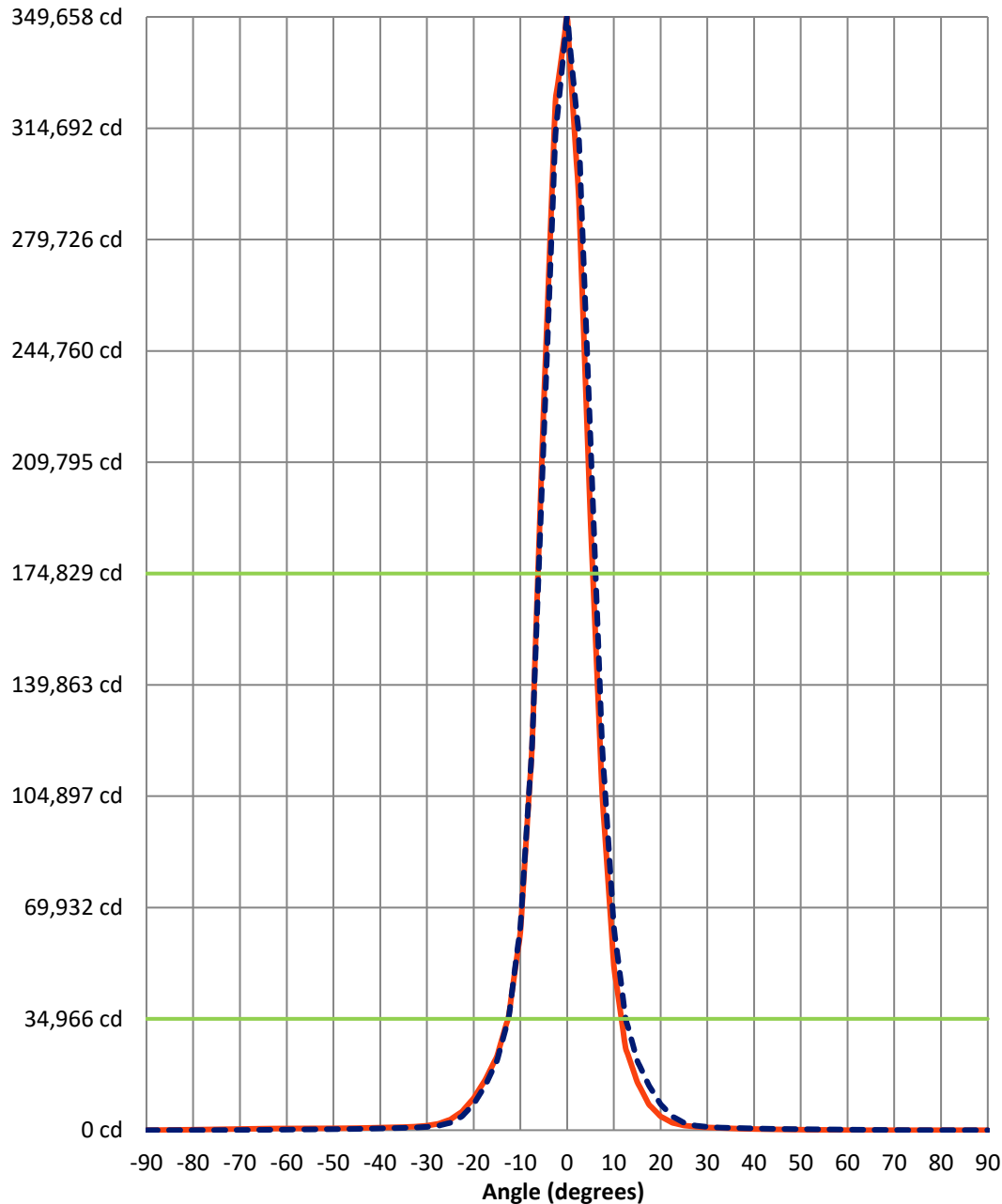
Luminous Intensity Polar Plot



— 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: 7640.9
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 17385.7
 Efficiency: 71.2%

Spill:
 Lumens: 7038
 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	4.4	4.4
85°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	8.8	8.8
82.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	8.8	8.8	8.8
80°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	8.8	8.8	8.8
77.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	8.8
75°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
72.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
70°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
67.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
65°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
62.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
60°	8.8	8.8	8.8	8.8	13.1	13.1	17.5	17.5	17.5	8.8	17.5
57.5°	70.0	70.0	65.6	61.3	56.9	52.5	52.5	52.5	52.5	52.5	43.8
55°	96.3	96.3	96.3	91.9	91.9	87.5	83.1	78.8	78.8	74.4	70.0
52.5°	113.8	113.8	113.8	113.8	109.4	109.4	109.4	105.0	96.3	96.3	91.9
50°	161.9	157.5	157.5	157.5	157.5	148.8	144.4	135.6	131.3	126.9	122.5
47.5°	210.0	210.0	205.7	205.7	201.3	192.5	183.8	175.0	166.3	161.9	153.1
45°	249.4	249.4	245.0	245.0	240.7	231.9	218.8	205.7	196.9	188.2	179.4
42.5°	306.3	301.9	297.5	293.2	284.4	271.3	253.8	236.3	223.2	210.0	201.3
40°	367.5	367.5	363.2	358.8	345.7	332.5	310.7	288.8	266.9	240.7	227.5
37.5°	441.9	446.3	450.7	450.7	441.9	424.4	393.8	367.5	332.5	297.5	280.0
35°	577.6	577.6	586.3	586.3	573.2	551.3	529.4	472.6	428.8	385.1	345.7
32.5°	726.3	730.7	713.2	700.1	682.6	656.3	617.0	568.8	520.7	463.8	420.1
30°	870.7	870.7	848.9	822.6	787.6	743.9	695.7	643.2	586.3	529.4	476.9
27.5°	1098.3	1076.4	1058.9	1015.1	953.9	870.7	809.5	726.3	652.0	586.3	529.4
25°	1474.6	1470.2	1430.8	1356.4	1233.9	1102.6	1002.0	862.0	748.2	647.6	582.0
22.5°	2345.3	2314.7	2222.8	2039.0	1750.2	1522.7	1317.1	1098.3	892.6	757.0	652.0
20°	4336.2	4235.6	3990.5	3483.0	2835.4	2389.1	1877.1	1509.6	1163.9	910.1	752.6
17.5°	8090.5	8024.8	7932.9	6760.3	5443.2	4498.1	3347.3	2314.7	1654.0	1190.2	892.6
15°	15165.8	14680.1	13665.0	12260.4	10418.3	8051.1	5920.2	3736.8	2362.8	1584.0	1133.3
12.5°	25925.4	25387.2	22766.2	19252.6	15940.3	12571.1	8825.6	5679.5	3364.8	2012.8	1343.3
10°	51658.2	47750.8	40413.0	30160.9	23540.7	17554.9	12391.7	7749.2	4380.0	2542.2	1592.7
7.5°	105806.1	93038.2	71694.0	50612.5	32760.0	23024.4	15826.5	10133.9	5837.0	3181.1	1820.2
5°	191769.0	169116.6	127408.4	76717.2	47571.4	28857.0	18780.0	12050.4	6909.1	3701.7	2047.8
2.5°	292818.9	263515.5	184199.2	105491.1	58659.2	33372.6	20845.3	13310.5	7591.6	4056.2	2222.8
0°	349657.8	312334.0	216924.3	120775.0	63940.5	35289.1	21856.1	14067.5	8169.2	4345.0	2336.6
-2.5°	322997.3	292950.1	199356.3	112190.1	61100.7	34449.0	22000.5	14255.7	8265.5	4423.7	2389.1
-5°	227648.8	202988.0	137940.5	82790.5	51842.0	31731.8	20757.8	13546.8	7998.6	4310.0	2367.2
-7.5°	120438.1	109280.4	81806.0	59490.5	37840.1	26857.4	18688.1	12291.0	7307.2	4003.7	2235.9
-10°	62225.3	59936.8	51649.5	38934.0	30620.4	22499.3	15949.0	10510.2	6108.3	3448.0	2012.8
-12.5°	35875.5	35486.0	32821.3	28174.4	23479.4	18482.5	13087.4	8571.8	5097.6	2857.3	1697.7
-15°	23230.0	23396.3	22468.7	20534.6	17861.2	13831.2	10055.1	6375.2	3771.8	2314.7	1496.5
-17.5°	15852.8	15809.0	15375.8	14050.0	11897.2	9341.9	6664.0	4502.5	2857.3	1802.7	1242.7
-20°	10028.9	10046.4	9643.8	8729.3	7145.3	5758.3	4148.1	3036.7	2025.9	1417.7	1098.3



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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°	5819.5	5832.7	5578.9	5062.6	4231.2	3413.0	2695.4	2008.4	1492.1	1181.4	962.6
-25°	3343.0	3290.4	3189.8	2940.4	2551.0	2104.7	1789.6	1413.3	1194.5	1002.0	879.5
-27.5°	2025.9	1990.9	1938.4	1829.0	1675.9	1452.7	1308.3	1142.0	1015.1	901.4	827.0
-30°	1413.3	1426.4	1382.7	1325.8	1255.8	1155.2	1076.4	997.6	914.5	844.5	774.5
-32.5°	1124.5	1133.3	1111.4	1089.5	1054.5	1015.1	967.0	910.1	844.5	778.9	713.2
-35°	967.0	971.4	971.4	967.0	958.3	927.6	892.6	840.1	778.9	717.6	660.7
-37.5°	888.2	892.6	892.6	888.2	875.1	848.9	813.9	770.1	713.2	656.3	612.6
-40°	805.1	809.5	805.1	796.4	783.2	757.0	730.7	695.7	652.0	603.8	564.5
-42.5°	726.3	722.0	717.6	708.8	695.7	678.2	656.3	630.1	599.5	564.5	533.8
-45°	652.0	652.0	647.6	643.2	634.5	621.3	608.2	586.3	564.5	538.2	511.9
-47.5°	612.6	612.6	608.2	603.8	599.5	590.7	577.6	560.1	542.6	520.7	498.8
-50°	586.3	586.3	586.3	582.0	577.6	568.8	555.7	542.6	525.1	503.2	481.3
-52.5°	568.8	568.8	568.8	564.5	560.1	555.7	542.6	525.1	503.2	485.7	468.2
-55°	560.1	555.7	555.7	551.3	546.9	542.6	525.1	507.6	490.1	472.6	455.1
-57.5°	546.9	542.6	542.6	538.2	533.8	529.4	511.9	494.4	476.9	455.1	441.9
-60°	533.8	529.4	529.4	520.7	516.3	511.9	494.4	476.9	459.4	441.9	424.4
-62.5°	516.3	511.9	507.6	503.2	494.4	485.7	472.6	455.1	433.2	415.7	398.2
-65°	476.9	472.6	468.2	463.8	459.4	455.1	441.9	420.1	402.6	385.1	367.5
-67.5°	428.8	428.8	428.8	420.1	415.7	406.9	398.2	380.7	363.2	345.7	332.5
-70°	371.9	371.9	371.9	363.2	358.8	354.4	341.3	328.2	315.0	301.9	284.4
-72.5°	315.0	310.7	310.7	306.3	297.5	293.2	284.4	275.7	262.5	253.8	240.7
-75°	258.2	253.8	253.8	249.4	245.0	240.7	231.9	227.5	218.8	210.0	196.9
-77.5°	205.7	205.7	205.7	201.3	196.9	192.5	188.2	183.8	179.4	170.6	161.9
-80°	157.5	157.5	157.5	157.5	157.5	157.5	157.5	153.1	144.4	140.0	135.6
-82.5°	113.8	118.1	118.1	118.1	118.1	118.1	118.1	118.1	113.8	109.4	105.0
-85°	74.4	78.8	78.8	83.1	87.5	87.5	91.9	87.5	83.1	74.4	70.0
-87.5°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	35.0	35.0	35.0	30.6
-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°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	8.8	8.8	8.8
85°	8.8	8.8	8.8	8.8	13.1	13.1	13.1	17.5	17.5	17.5	17.5
82.5°	8.8	13.1	13.1	13.1	17.5	17.5	21.9	26.3	35.0	39.4	39.4
80°	8.8	13.1	13.1	13.1	17.5	17.5	21.9	21.9	26.3	30.6	39.4
77.5°	8.8	8.8	13.1	13.1	13.1	17.5	17.5	21.9	21.9	26.3	30.6
75°	4.4	8.8	8.8	8.8	13.1	13.1	17.5	17.5	21.9	21.9	26.3
72.5°	4.4	8.8	8.8	8.8	13.1	13.1	17.5	17.5	17.5	21.9	21.9
70°	4.4	8.8	8.8	8.8	8.8	13.1	13.1	13.1	17.5	17.5	17.5
67.5°	4.4	4.4	4.4	8.8	8.8	8.8	8.8	13.1	13.1	13.1	17.5
65°	4.4	4.4	4.4	4.4	8.8	8.8	8.8	8.8	13.1	13.1	13.1
62.5°	4.4	4.4	4.4	8.8	8.8	8.8	8.8	8.8	13.1	13.1	13.1
60°	17.5	17.5	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
57.5°	39.4	39.4	35.0	30.6	26.3	26.3	21.9	17.5	17.5	13.1	13.1
55°	65.6	61.3	56.9	48.1	43.8	39.4	35.0	26.3	21.9	17.5	13.1
52.5°	83.1	78.8	74.4	70.0	61.3	52.5	48.1	43.8	35.0	26.3	21.9
50°	122.5	109.4	100.6	91.9	83.1	74.4	65.6	61.3	48.1	39.4	30.6
47.5°	148.8	140.0	126.9	118.1	109.4	96.3	83.1	74.4	65.6	52.5	39.4
45°	170.6	161.9	148.8	140.0	131.3	118.1	105.0	91.9	83.1	70.0	52.5
42.5°	192.5	183.8	170.6	161.9	148.8	135.6	122.5	109.4	96.3	87.5	70.0
40°	223.2	210.0	192.5	183.8	175.0	157.5	140.0	126.9	113.8	100.6	83.1
37.5°	262.5	249.4	227.5	210.0	196.9	183.8	166.3	148.8	135.6	118.1	100.6
35°	323.8	301.9	271.3	245.0	227.5	210.0	188.2	170.6	153.1	135.6	118.1
32.5°	385.1	350.0	310.7	280.0	253.8	231.9	210.0	192.5	170.6	148.8	131.3
30°	433.2	393.8	354.4	310.7	280.0	253.8	231.9	210.0	188.2	166.3	144.4
27.5°	481.3	437.6	393.8	350.0	306.3	271.3	249.4	227.5	205.7	183.8	157.5
25°	529.4	481.3	437.6	389.4	336.9	297.5	266.9	249.4	227.5	201.3	170.6
22.5°	573.2	529.4	485.7	433.2	371.9	319.4	288.8	266.9	245.0	214.4	188.2
20°	656.3	599.5	546.9	481.3	411.3	358.8	319.4	288.8	262.5	231.9	201.3
17.5°	765.7	682.6	612.6	538.2	468.2	402.6	345.7	310.7	284.4	249.4	214.4
15°	905.7	761.4	673.8	599.5	516.3	441.9	380.7	332.5	297.5	262.5	231.9
12.5°	1010.8	822.6	726.3	656.3	568.8	485.7	406.9	350.0	310.7	275.7	240.7
10°	1128.9	888.2	770.1	691.3	599.5	507.6	424.4	363.2	319.4	288.8	253.8
7.5°	1225.2	940.8	792.0	704.5	617.0	525.1	441.9	376.3	332.5	297.5	262.5
5°	1312.7	984.5	809.5	708.8	625.7	538.2	450.7	385.1	341.3	306.3	271.3
2.5°	1373.9	1023.9	827.0	717.6	634.5	546.9	463.8	393.8	350.0	315.0	280.0
0°	1426.4	1037.0	822.6	717.6	638.8	546.9	468.2	398.2	354.4	319.4	284.4
-2.5°	1443.9	1058.9	844.5	726.3	647.6	555.7	476.9	402.6	358.8	323.8	293.2
-5°	1443.9	1041.4	844.5	735.1	652.0	560.1	476.9	406.9	363.2	328.2	293.2
-7.5°	1391.4	1015.1	840.1	743.9	656.3	564.5	476.9	411.3	367.5	332.5	297.5
-10°	1299.6	975.8	835.7	748.2	656.3	560.1	476.9	411.3	367.5	332.5	301.9
-12.5°	1150.8	923.2	813.9	739.5	647.6	551.3	472.6	411.3	367.5	336.9	301.9
-15°	1076.4	879.5	787.6	713.2	625.7	538.2	463.8	406.9	367.5	336.9	306.3
-17.5°	975.8	844.5	761.4	687.0	608.2	525.1	455.1	406.9	367.5	332.5	306.3
-20°	905.7	805.1	730.7	665.1	586.3	511.9	450.7	402.6	367.5	332.5	306.3



REPORT NUMBER: P724057
 CATALOG NUMBER: IFLD-M-SA4D-727-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°	844.5	761.4	695.7	630.1	560.1	494.4	441.9	398.2	363.2	332.5	306.3
-25°	796.4	722.0	660.7	599.5	538.2	481.3	433.2	393.8	358.8	332.5	301.9
-27.5°	752.6	682.6	625.7	568.8	511.9	468.2	424.4	389.4	358.8	328.2	297.5
-30°	704.5	647.6	590.7	538.2	498.8	455.1	415.7	380.7	354.4	323.8	293.2
-32.5°	656.3	603.8	555.7	516.3	481.3	446.3	411.3	376.3	345.7	315.0	284.4
-35°	612.6	564.5	529.4	494.4	468.2	437.6	402.6	367.5	341.3	310.7	284.4
-37.5°	568.8	533.8	503.2	476.9	450.7	424.4	389.4	358.8	332.5	301.9	271.3
-40°	533.8	507.6	485.7	463.8	437.6	406.9	380.7	350.0	323.8	293.2	258.2
-42.5°	511.9	490.1	468.2	446.3	424.4	398.2	371.9	341.3	315.0	284.4	249.4
-45°	490.1	472.6	455.1	437.6	415.7	389.4	358.8	328.2	301.9	271.3	245.0
-47.5°	476.9	459.4	441.9	428.8	411.3	376.3	350.0	319.4	288.8	262.5	231.9
-50°	463.8	446.3	433.2	415.7	393.8	363.2	336.9	306.3	280.0	249.4	223.2
-52.5°	450.7	433.2	415.7	398.2	376.3	350.0	323.8	297.5	266.9	236.3	210.0
-55°	437.6	420.1	402.6	385.1	363.2	341.3	315.0	280.0	249.4	218.8	192.5
-57.5°	424.4	411.3	389.4	367.5	345.7	323.8	293.2	262.5	231.9	201.3	179.4
-60°	406.9	389.4	371.9	345.7	323.8	297.5	271.3	245.0	214.4	188.2	166.3
-62.5°	380.7	363.2	345.7	319.4	297.5	275.7	253.8	223.2	201.3	175.0	153.1
-65°	350.0	332.5	315.0	293.2	271.3	249.4	231.9	205.7	183.8	161.9	144.4
-67.5°	315.0	297.5	284.4	262.5	245.0	223.2	205.7	183.8	161.9	144.4	126.9
-70°	271.3	258.2	245.0	227.5	210.0	192.5	175.0	157.5	140.0	126.9	109.4
-72.5°	231.9	218.8	205.7	192.5	179.4	161.9	148.8	135.6	122.5	109.4	100.6
-75°	188.2	179.4	170.6	161.9	148.8	135.6	126.9	113.8	105.0	96.3	91.9
-77.5°	157.5	148.8	140.0	131.3	122.5	113.8	105.0	96.3	91.9	87.5	83.1
-80°	126.9	122.5	118.1	109.4	105.0	96.3	91.9	83.1	83.1	83.1	83.1
-82.5°	100.6	96.3	91.9	87.5	83.1	78.8	78.8	74.4	78.8	78.8	74.4
-85°	70.0	65.6	61.3	61.3	56.9	56.9	52.5	52.5	52.5	48.1	48.1
-87.5°	30.6	30.6	30.6	30.6	26.3	26.3	26.3	26.3	26.3	21.9	21.9
-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: P724057
 CATALOG NUMBER: IFLD-M-SA4D-727-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°	8.8	8.8	4.4	4.4	4.4	4.4	4.4	4.4	4.4	0.0	0.0
85°	17.5	17.5	13.1	13.1	13.1	8.8	8.8	4.4	4.4	4.4	4.4
82.5°	39.4	35.0	30.6	26.3	21.9	17.5	13.1	8.8	8.8	4.4	4.4
80°	48.1	48.1	48.1	43.8	35.0	26.3	17.5	13.1	8.8	4.4	4.4
77.5°	35.0	35.0	39.4	43.8	43.8	35.0	21.9	13.1	8.8	8.8	4.4
75°	26.3	26.3	26.3	30.6	35.0	35.0	26.3	17.5	8.8	8.8	4.4
72.5°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	17.5	13.1	8.8	8.8
70°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	17.5	13.1	8.8	8.8
67.5°	17.5	17.5	21.9	21.9	21.9	17.5	17.5	17.5	13.1	8.8	8.8
65°	13.1	17.5	17.5	21.9	17.5	17.5	17.5	13.1	13.1	8.8	8.8
62.5°	13.1	13.1	17.5	17.5	17.5	17.5	13.1	13.1	13.1	8.8	8.8
60°	13.1	13.1	13.1	17.5	13.1	13.1	13.1	13.1	13.1	8.8	8.8
57.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	8.8	8.8	8.8	8.8
55°	13.1	13.1	13.1	13.1	13.1	13.1	8.8	8.8	8.8	8.8	8.8
52.5°	17.5	13.1	13.1	13.1	13.1	13.1	8.8	8.8	8.8	8.8	8.8
50°	21.9	13.1	13.1	13.1	13.1	8.8	8.8	8.8	8.8	8.8	8.8
47.5°	30.6	21.9	17.5	13.1	13.1	8.8	8.8	8.8	8.8	8.8	4.4
45°	43.8	30.6	21.9	17.5	13.1	8.8	8.8	8.8	8.8	8.8	4.4
42.5°	52.5	39.4	26.3	21.9	17.5	13.1	8.8	8.8	8.8	4.4	4.4
40°	65.6	52.5	35.0	26.3	17.5	13.1	8.8	8.8	8.8	4.4	4.4
37.5°	83.1	65.6	43.8	30.6	21.9	13.1	13.1	8.8	8.8	4.4	4.4
35°	96.3	74.4	56.9	35.0	26.3	17.5	13.1	8.8	8.8	4.4	4.4
32.5°	109.4	87.5	70.0	43.8	30.6	21.9	17.5	8.8	8.8	4.4	4.4
30°	122.5	100.6	78.8	56.9	39.4	26.3	17.5	8.8	8.8	4.4	4.4
27.5°	135.6	109.4	87.5	65.6	43.8	30.6	21.9	13.1	8.8	4.4	4.4
25°	148.8	122.5	96.3	74.4	48.1	35.0	21.9	13.1	8.8	8.8	4.4
22.5°	157.5	135.6	109.4	83.1	56.9	39.4	26.3	17.5	8.8	8.8	4.4
20°	170.6	148.8	118.1	91.9	65.6	43.8	26.3	17.5	8.8	8.8	4.4
17.5°	183.8	157.5	126.9	100.6	74.4	48.1	30.6	21.9	8.8	8.8	4.4
15°	196.9	166.3	135.6	105.0	78.8	52.5	30.6	21.9	8.8	8.8	4.4
12.5°	210.0	179.4	144.4	113.8	83.1	56.9	35.0	26.3	13.1	8.8	4.4
10°	218.8	188.2	153.1	118.1	87.5	65.6	39.4	26.3	13.1	8.8	4.4
7.5°	231.9	196.9	161.9	126.9	91.9	70.0	43.8	26.3	13.1	8.8	4.4
5°	236.3	205.7	166.3	135.6	96.3	74.4	48.1	30.6	13.1	8.8	4.4
2.5°	240.7	214.4	170.6	140.0	100.6	74.4	48.1	30.6	17.5	8.8	4.4
0°	245.0	218.8	175.0	144.4	105.0	78.8	52.5	30.6	17.5	8.8	4.4
-2.5°	249.4	223.2	183.8	148.8	109.4	83.1	56.9	30.6	17.5	8.8	4.4
-5°	253.8	223.2	192.5	153.1	113.8	83.1	56.9	35.0	21.9	8.8	4.4
-7.5°	258.2	227.5	196.9	157.5	118.1	83.1	61.3	35.0	21.9	13.1	4.4
-10°	262.5	231.9	201.3	161.9	118.1	87.5	61.3	35.0	21.9	13.1	4.4
-12.5°	266.9	236.3	201.3	161.9	122.5	87.5	61.3	39.4	21.9	13.1	4.4
-15°	271.3	236.3	201.3	161.9	122.5	91.9	65.6	39.4	21.9	13.1	8.8
-17.5°	271.3	236.3	201.3	166.3	122.5	91.9	65.6	39.4	21.9	13.1	8.8
-20°	271.3	236.3	201.3	166.3	122.5	91.9	65.6	39.4	21.9	13.1	8.8



REPORT NUMBER: P724057
 CATALOG NUMBER: IFLD-M-SA4D-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	266.9	231.9	201.3	161.9	122.5	91.9	65.6	39.4	26.3	13.1	8.8
-25°	266.9	231.9	201.3	161.9	122.5	91.9	61.3	39.4	26.3	13.1	8.8
-27.5°	262.5	231.9	196.9	157.5	118.1	87.5	61.3	39.4	26.3	13.1	8.8
-30°	258.2	227.5	192.5	153.1	118.1	87.5	61.3	39.4	26.3	13.1	8.8
-32.5°	253.8	218.8	188.2	148.8	113.8	83.1	61.3	39.4	26.3	13.1	8.8
-35°	245.0	214.4	179.4	144.4	109.4	83.1	56.9	39.4	26.3	17.5	8.8
-37.5°	236.3	205.7	175.0	140.0	105.0	78.8	56.9	39.4	26.3	17.5	8.8
-40°	227.5	201.3	166.3	131.3	100.6	74.4	56.9	39.4	26.3	17.5	13.1
-42.5°	218.8	192.5	161.9	126.9	100.6	74.4	52.5	39.4	26.3	17.5	13.1
-45°	214.4	188.2	153.1	122.5	96.3	74.4	52.5	35.0	26.3	17.5	13.1
-47.5°	205.7	175.0	144.4	118.1	91.9	70.0	48.1	35.0	26.3	17.5	13.1
-50°	192.5	166.3	140.0	113.8	87.5	65.6	48.1	35.0	26.3	17.5	13.1
-52.5°	179.4	153.1	131.3	105.0	83.1	65.6	48.1	35.0	26.3	17.5	13.1
-55°	166.3	144.4	122.5	100.6	78.8	61.3	43.8	35.0	26.3	17.5	13.1
-57.5°	157.5	135.6	113.8	91.9	74.4	56.9	43.8	30.6	21.9	17.5	13.1
-60°	148.8	126.9	105.0	87.5	70.0	56.9	43.8	30.6	21.9	17.5	8.8
-62.5°	135.6	118.1	96.3	83.1	65.6	52.5	39.4	30.6	21.9	17.5	8.8
-65°	122.5	105.0	87.5	74.4	61.3	48.1	39.4	30.6	21.9	17.5	8.8
-67.5°	109.4	96.3	83.1	70.0	56.9	48.1	39.4	30.6	21.9	13.1	8.8
-70°	100.6	87.5	74.4	65.6	56.9	43.8	39.4	30.6	21.9	13.1	8.8
-72.5°	87.5	78.8	70.0	61.3	52.5	48.1	39.4	30.6	17.5	13.1	8.8
-75°	83.1	74.4	65.6	61.3	56.9	48.1	39.4	26.3	17.5	13.1	8.8
-77.5°	83.1	74.4	70.0	65.6	56.9	48.1	35.0	21.9	13.1	13.1	8.8
-80°	83.1	78.8	74.4	61.3	52.5	39.4	26.3	21.9	13.1	8.8	4.4
-82.5°	74.4	61.3	52.5	43.8	39.4	30.6	21.9	17.5	8.8	8.8	4.4
-85°	48.1	39.4	35.0	30.6	26.3	21.9	13.1	8.8	8.8	4.4	4.4
-87.5°	21.9	21.9	17.5	13.1	13.1	8.8	8.8	4.4	4.4	4.4	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: P724057
 CATALOG NUMBER: IFLD-M-SA4D-727-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°	4.4	0.0	0.0	0.0
77.5°	4.4	0.0	0.0	0.0
75°	4.4	4.4	0.0	0.0
72.5°	4.4	4.4	0.0	0.0
70°	4.4	4.4	0.0	0.0
67.5°	4.4	4.4	0.0	0.0
65°	4.4	4.4	0.0	0.0
62.5°	4.4	4.4	0.0	0.0
60°	4.4	4.4	0.0	0.0
57.5°	4.4	4.4	4.4	0.0
55°	4.4	4.4	4.4	0.0
52.5°	4.4	4.4	4.4	0.0
50°	4.4	4.4	4.4	0.0
47.5°	4.4	4.4	4.4	0.0
45°	4.4	4.4	4.4	0.0
42.5°	4.4	4.4	4.4	0.0
40°	4.4	4.4	4.4	0.0
37.5°	4.4	4.4	4.4	0.0
35°	4.4	4.4	4.4	0.0
32.5°	4.4	4.4	4.4	0.0
30°	4.4	4.4	4.4	0.0
27.5°	4.4	4.4	4.4	0.0
25°	4.4	4.4	4.4	0.0
22.5°	4.4	4.4	4.4	0.0
20°	4.4	4.4	4.4	0.0
17.5°	4.4	4.4	4.4	0.0
15°	4.4	4.4	4.4	0.0
12.5°	4.4	4.4	4.4	0.0
10°	4.4	4.4	4.4	0.0
7.5°	4.4	4.4	4.4	0.0
5°	4.4	4.4	4.4	0.0
2.5°	4.4	4.4	4.4	0.0
0°	4.4	4.4	4.4	0.0
-2.5°	4.4	4.4	4.4	0.0
-5°	4.4	4.4	4.4	0.0
-7.5°	4.4	4.4	4.4	0.0
-10°	4.4	4.4	4.4	0.0
-12.5°	4.4	4.4	4.4	0.0
-15°	4.4	4.4	4.4	0.0
-17.5°	4.4	4.4	4.4	0.0
-20°	4.4	4.4	4.4	0.0



REPORT NUMBER: P724057
CATALOG NUMBER: IFLD-M-SA4D-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	4.4	4.4	4.4	0.0
-25°	4.4	4.4	4.4	0.0
-27.5°	4.4	4.4	4.4	0.0
-30°	4.4	4.4	4.4	0.0
-32.5°	4.4	4.4	4.4	0.0
-35°	4.4	4.4	4.4	0.0
-37.5°	4.4	4.4	4.4	0.0
-40°	4.4	4.4	4.4	0.0
-42.5°	4.4	4.4	4.4	0.0
-45°	4.4	4.4	4.4	0.0
-47.5°	4.4	4.4	4.4	0.0
-50°	4.4	4.4	4.4	0.0
-52.5°	4.4	4.4	4.4	0.0
-55°	4.4	4.4	4.4	0.0
-57.5°	4.4	4.4	4.4	0.0
-60°	4.4	4.4	0.0	0.0
-62.5°	4.4	4.4	0.0	0.0
-65°	4.4	4.4	0.0	0.0
-67.5°	4.4	4.4	0.0	0.0
-70°	4.4	4.4	0.0	0.0
-72.5°	4.4	4.4	0.0	0.0
-75°	4.4	4.4	0.0	0.0
-77.5°	4.4	0.0	0.0	0.0
-80°	4.4	0.0	0.0	0.0
-82.5°	4.4	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)