

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: P724027

Luminaire Tested: **IFLD-M-SA4C-722-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724027
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-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

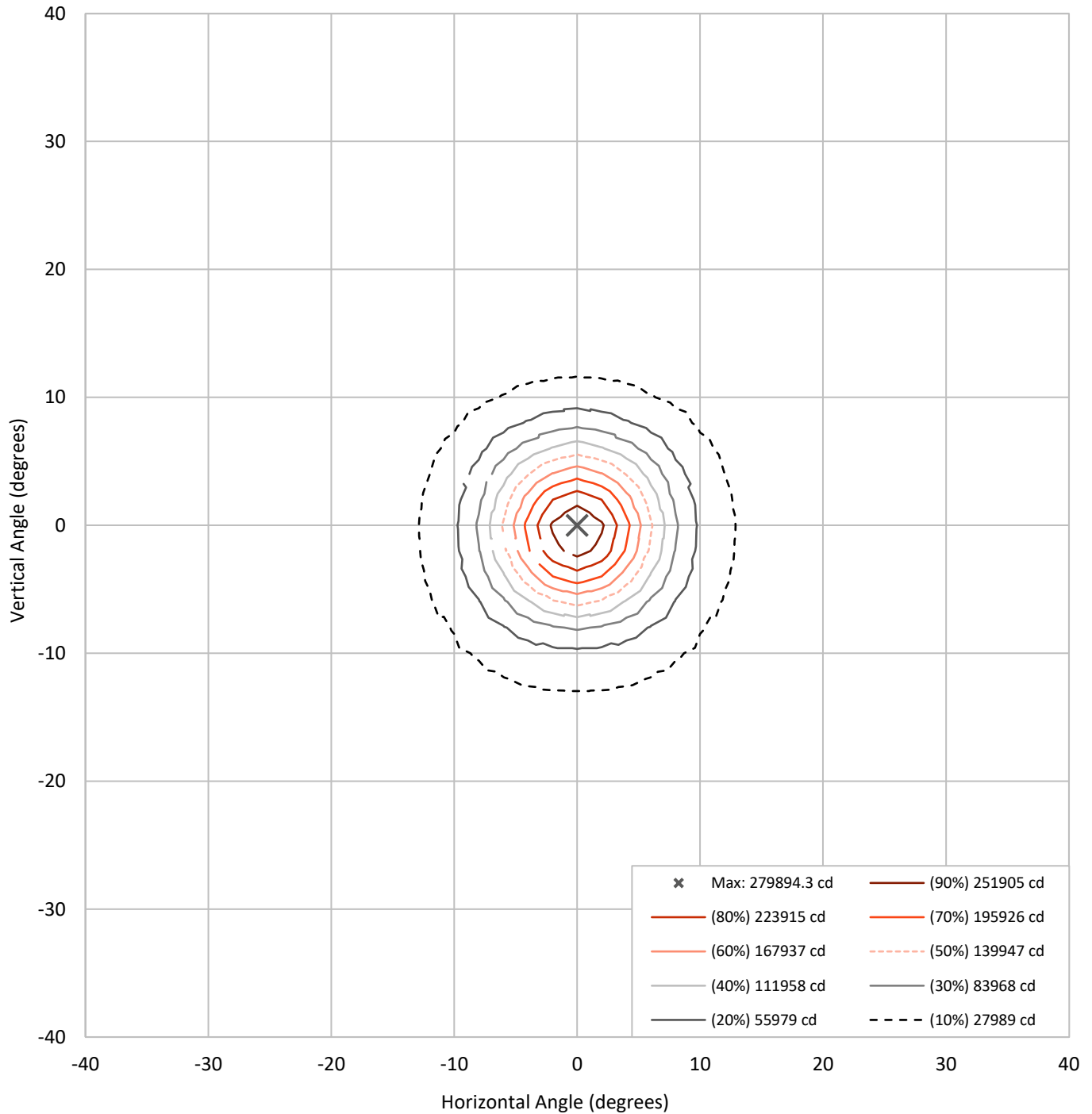
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	19550.7 lumens	Max Intensity:	279894.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6116.4 lumens	Field Lumens:	13916.9 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 218.1
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





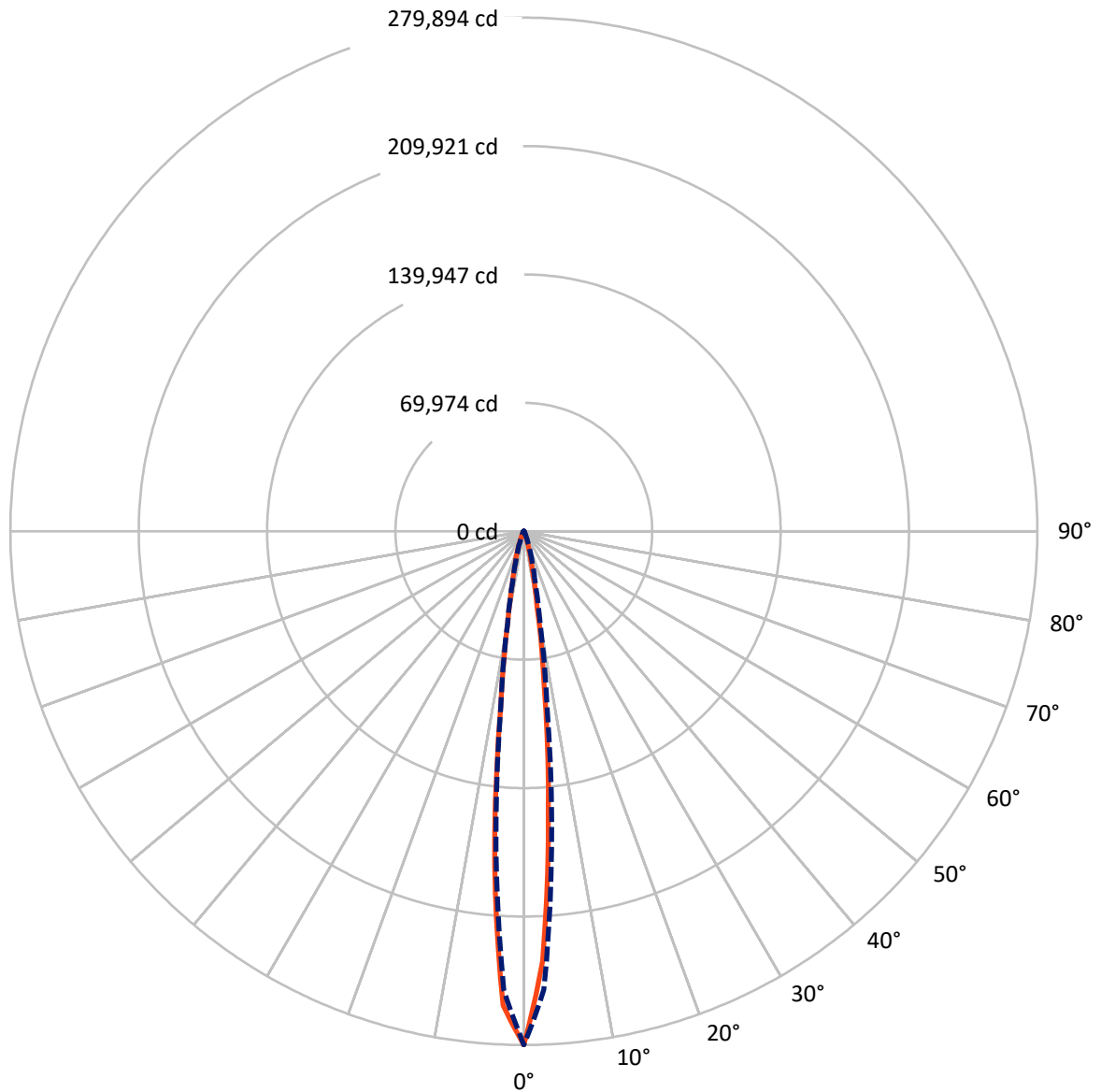
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Lumen Table

90	0.1	1.2		1.0		0.4		0.0		0.4		1.0		1.2		0.1			
80	0.1	1.2		1.0		0.4		0.0		0.4		1.0		1.2		0.1			
70	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2			
60		0.1	0.2	0.5	1.0	1.5	1.9	2.2	2.2	1.9	1.5	1.0	0.5	0.2	0.1				
50	0.1	0.2	0.6	1.6	2.8	3.9	5.2	6.1	6.1	5.2	3.9	2.8	1.6	0.6	0.2	0.1			
40		0.3	1.4	2.9	5.0	7.9	11.9	14.2	14.2	11.9	7.9	5.0	2.9	1.4	0.3				
30	0.2	0.6	2.1	4.3	7.9	13.5	26.1	42.1	42.1	26.1	13.5	7.9	4.3	2.1	0.6	0.2			
20		0.9	2.8	5.9	11.9	29.5	154.0	389.7	389.7	154.0	29.5	11.9	5.9	2.8	0.9				
10	0.3	1.1	3.3	6.9	14.5	59.9	496.1	3057.0	3057.0	496.1	59.9	14.5	6.9	3.3	1.1	0.3			
0		1.3	3.6	7.3	15.1	68.3	545.9	3366.6	3366.6	545.9	68.3	15.1	7.3	3.6	1.3				
-10	0.4	1.4	3.8	7.3	14.2	40.9	245.0	590.4	590.4	245.0	40.9	14.2	7.3	3.8	1.4	0.4			
-20		1.3	3.7	6.9	12.0	20.8	50.6	95.1	95.1	50.6	20.8	12.0	6.9	3.7	1.3				
-30	0.4	1.2	3.5	6.4	10.0	14.8	20.9	24.5	24.5	20.9	14.8	10.0	6.4	3.5	1.2	0.4			
-40		1.0	3.0	5.7	8.7	11.5	14.5	16.1	16.1	14.5	11.5	8.7	5.7	3.0	1.0				
-50	0.4	0.9	2.4	4.8	7.6	10.0	12.3	13.4	13.4	12.3	10.0	7.6	4.8	2.4	0.9	0.4			
-60		0.7	1.7	3.5	5.8	8.0	10.1	11.2	11.2	10.1	8.0	5.8	3.5	1.7	0.7				
-70	0.4	0.9	2.4	4.8	7.6	10.0	12.3	13.4	13.4	12.3	10.0	7.6	4.8	2.4	0.9	0.4			
-80		0.7	1.7	3.5	5.8	8.0	10.1	11.2	11.2	10.1	8.0	5.8	3.5	1.7	0.7				
-90	0.2	2.7		7.3		13.5		16.3		13.5		7.3		2.7		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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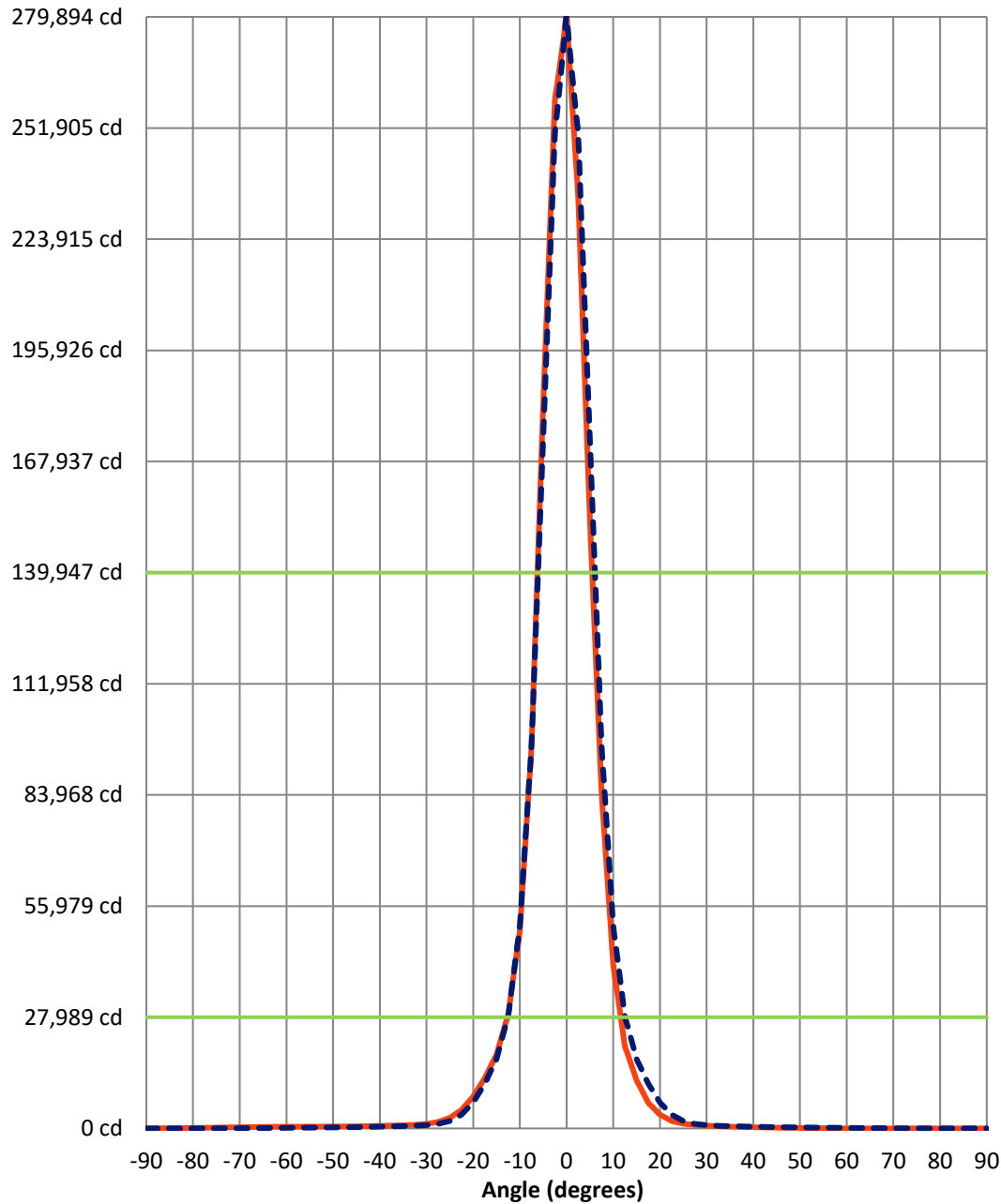
Luminous Intensity Polar Plot



— 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: 6116.4
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 13916.9
 Efficiency: 71.2%

Spill:
 Lumens: 5633.8
 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	3.5	3.5
85°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	7.0	7.0
82.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	7.0	7.0	7.0
80°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	7.0	7.0	7.0
77.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	7.0
75°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
72.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
70°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
67.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
65°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
62.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
60°	7.0	7.0	7.0	7.0	10.5	10.5	14.0	14.0	14.0	7.0	14.0
57.5°	56.0	56.0	52.5	49.0	45.5	42.0	42.0	42.0	42.0	42.0	35.0
55°	77.1	77.1	77.1	73.6	73.6	70.1	66.5	63.0	63.0	59.5	56.0
52.5°	91.1	91.1	91.1	91.1	87.6	87.6	87.6	84.1	77.1	77.1	73.6
50°	129.6	126.1	126.1	126.1	126.1	119.1	115.6	108.6	105.1	101.6	98.1
47.5°	168.1	168.1	164.6	164.6	161.1	154.1	147.1	140.1	133.1	129.6	122.6
45°	199.6	199.6	196.1	196.1	192.6	185.6	175.1	164.6	157.6	150.6	143.6
42.5°	245.2	241.7	238.2	234.7	227.7	217.2	203.1	189.1	178.6	168.1	161.1
40°	294.2	294.2	290.7	287.2	276.7	266.2	248.7	231.2	213.7	192.6	182.1
37.5°	353.8	357.3	360.8	360.8	353.8	339.7	315.2	294.2	266.2	238.2	224.2
35°	462.3	462.3	469.3	469.3	458.8	441.3	423.8	378.3	343.3	308.2	276.7
32.5°	581.4	584.9	570.9	560.4	546.4	525.4	493.9	455.3	416.8	371.3	336.2
30°	697.0	697.0	679.5	658.5	630.5	595.4	556.9	514.9	469.3	423.8	381.8
27.5°	879.1	861.6	847.6	812.6	763.6	697.0	648.0	581.4	521.9	469.3	423.8
25°	1180.4	1176.9	1145.3	1085.8	987.7	882.6	802.1	690.0	598.9	518.4	465.8
22.5°	1877.4	1852.9	1779.3	1632.2	1401.0	1218.9	1054.3	879.1	714.5	605.9	521.9
20°	3471.1	3390.5	3194.3	2788.1	2269.7	1912.4	1502.6	1208.4	931.7	728.5	602.4
17.5°	6476.3	6423.7	6350.2	5411.5	4357.2	3600.6	2679.5	1852.9	1324.0	952.7	714.5
15°	12139.9	11751.1	10938.5	9814.2	8339.6	6444.7	4739.0	2991.2	1891.4	1267.9	907.2
12.5°	20752.8	20321.9	18223.9	15411.3	12759.9	10062.9	7064.7	4546.3	2693.5	1611.2	1075.3
10°	41351.4	38223.6	32349.8	24143.3	18843.9	14052.3	9919.3	6203.1	3506.1	2035.0	1274.9
7.5°	84695.8	74475.3	57389.7	40514.3	26223.8	18430.6	12668.8	8112.0	4672.4	2546.4	1457.1
5°	153507.4	135374.6	101988.0	61410.7	38080.0	23099.5	15033.1	9646.1	5530.6	2963.2	1639.2
2.5°	234395.9	210939.1	147447.9	84443.6	46955.5	26714.1	16686.3	10654.8	6077.0	3246.9	1779.3
0°	279894.3	250017.4	173643.7	96678.1	51183.1	28248.3	17495.4	11260.8	6539.3	3478.1	1870.4
-2.5°	258553.1	234500.9	159580.9	89806.0	48910.0	27575.8	17611.0	11411.4	6616.4	3541.1	1912.4
-5°	182228.5	162488.0	110418.7	66272.2	41498.5	25400.7	16616.2	10844.0	6402.7	3450.0	1894.9
-7.5°	96408.4	87476.8	65484.2	47621.0	30290.3	21498.8	14959.5	9838.7	5849.3	3204.9	1789.8
-10°	49810.1	47978.3	41344.4	31165.9	24511.0	18010.2	12766.9	8413.2	4889.6	2760.0	1611.2
-12.5°	28717.6	28405.9	26272.8	22553.1	18794.8	14794.9	10476.2	6861.5	4080.5	2287.2	1359.0
-15°	18595.2	18728.3	17985.7	16437.6	14297.5	11071.6	8048.9	5103.3	3019.2	1852.9	1197.9
-17.5°	12689.8	12654.8	12308.1	11246.8	9523.5	7478.0	5334.4	3604.2	2287.2	1443.1	994.7
-20°	8027.9	8041.9	7719.7	6987.6	5719.7	4609.4	3320.4	2430.8	1621.7	1134.8	879.1



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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°	4658.4	4668.9	4465.8	4052.5	3387.0	2732.0	2157.6	1607.7	1194.4	945.7	770.6
-25°	2676.0	2633.9	2553.4	2353.7	2042.0	1684.7	1432.6	1131.3	956.2	802.1	704.0
-27.5°	1621.7	1593.7	1551.6	1464.1	1341.5	1162.9	1047.3	914.2	812.6	721.5	662.0
-30°	1131.3	1141.8	1106.8	1061.3	1005.2	924.7	861.6	798.6	732.0	676.0	620.0
-32.5°	900.2	907.2	889.7	872.1	844.1	812.6	774.1	728.5	676.0	623.5	570.9
-35°	774.1	777.6	777.6	774.1	767.1	742.5	714.5	672.5	623.5	574.4	528.9
-37.5°	711.0	714.5	714.5	711.0	700.5	679.5	651.5	616.5	570.9	525.4	490.4
-40°	644.5	648.0	644.5	637.5	627.0	605.9	584.9	556.9	521.9	483.4	451.8
-42.5°	581.4	577.9	574.4	567.4	556.9	542.9	525.4	504.4	479.9	451.8	427.3
-45°	521.9	521.9	518.4	514.9	507.9	497.4	486.9	469.3	451.8	430.8	409.8
-47.5°	490.4	490.4	486.9	483.4	479.9	472.8	462.3	448.3	434.3	416.8	399.3
-50°	469.3	469.3	469.3	465.8	462.3	455.3	444.8	434.3	420.3	402.8	385.3
-52.5°	455.3	455.3	455.3	451.8	448.3	444.8	434.3	420.3	402.8	388.8	374.8
-55°	448.3	444.8	444.8	441.3	437.8	434.3	420.3	406.3	392.3	378.3	364.3
-57.5°	437.8	434.3	434.3	430.8	427.3	423.8	409.8	395.8	381.8	364.3	353.8
-60°	427.3	423.8	423.8	416.8	413.3	409.8	395.8	381.8	367.8	353.8	339.7
-62.5°	413.3	409.8	406.3	402.8	395.8	388.8	378.3	364.3	346.8	332.7	318.7
-65°	381.8	378.3	374.8	371.3	367.8	364.3	353.8	336.2	322.2	308.2	294.2
-67.5°	343.3	343.3	343.3	336.2	332.7	325.7	318.7	304.7	290.7	276.7	266.2
-70°	297.7	297.7	297.7	290.7	287.2	283.7	273.2	262.7	252.2	241.7	227.7
-72.5°	252.2	248.7	248.7	245.2	238.2	234.7	227.7	220.7	210.2	203.1	192.6
-75°	206.7	203.1	203.1	199.6	196.1	192.6	185.6	182.1	175.1	168.1	157.6
-77.5°	164.6	164.6	164.6	161.1	157.6	154.1	150.6	147.1	143.6	136.6	129.6
-80°	126.1	126.1	126.1	126.1	126.1	126.1	126.1	122.6	115.6	112.1	108.6
-82.5°	91.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	91.1	87.6	84.1
-85°	59.5	63.0	63.0	66.5	70.1	70.1	73.6	70.1	66.5	59.5	56.0
-87.5°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	28.0	28.0	28.0	24.5
-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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	7.0	7.0	7.0
85°	7.0	7.0	7.0	7.0	10.5	10.5	10.5	14.0	14.0	14.0	14.0
82.5°	7.0	10.5	10.5	10.5	14.0	14.0	17.5	21.0	28.0	31.5	31.5
80°	7.0	10.5	10.5	10.5	14.0	14.0	17.5	17.5	21.0	24.5	31.5
77.5°	7.0	7.0	10.5	10.5	10.5	14.0	14.0	17.5	17.5	21.0	24.5
75°	3.5	7.0	7.0	7.0	10.5	10.5	14.0	14.0	17.5	17.5	21.0
72.5°	3.5	7.0	7.0	7.0	10.5	10.5	14.0	14.0	14.0	17.5	17.5
70°	3.5	7.0	7.0	7.0	7.0	10.5	10.5	10.5	14.0	14.0	14.0
67.5°	3.5	3.5	3.5	7.0	7.0	7.0	7.0	10.5	10.5	10.5	14.0
65°	3.5	3.5	3.5	3.5	7.0	7.0	7.0	7.0	10.5	10.5	10.5
62.5°	3.5	3.5	3.5	7.0	7.0	7.0	7.0	7.0	10.5	10.5	10.5
60°	14.0	14.0	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
57.5°	31.5	31.5	28.0	24.5	21.0	21.0	17.5	14.0	14.0	10.5	10.5
55°	52.5	49.0	45.5	38.5	35.0	31.5	28.0	21.0	17.5	14.0	10.5
52.5°	66.5	63.0	59.5	56.0	49.0	42.0	38.5	35.0	28.0	21.0	17.5
50°	98.1	87.6	80.6	73.6	66.5	59.5	52.5	49.0	38.5	31.5	24.5
47.5°	119.1	112.1	101.6	94.6	87.6	77.1	66.5	59.5	52.5	42.0	31.5
45°	136.6	129.6	119.1	112.1	105.1	94.6	84.1	73.6	66.5	56.0	42.0
42.5°	154.1	147.1	136.6	129.6	119.1	108.6	98.1	87.6	77.1	70.1	56.0
40°	178.6	168.1	154.1	147.1	140.1	126.1	112.1	101.6	91.1	80.6	66.5
37.5°	210.2	199.6	182.1	168.1	157.6	147.1	133.1	119.1	108.6	94.6	80.6
35°	259.2	241.7	217.2	196.1	182.1	168.1	150.6	136.6	122.6	108.6	94.6
32.5°	308.2	280.2	248.7	224.2	203.1	185.6	168.1	154.1	136.6	119.1	105.1
30°	346.8	315.2	283.7	248.7	224.2	203.1	185.6	168.1	150.6	133.1	115.6
27.5°	385.3	350.3	315.2	280.2	245.2	217.2	199.6	182.1	164.6	147.1	126.1
25°	423.8	385.3	350.3	311.7	269.7	238.2	213.7	199.6	182.1	161.1	136.6
22.5°	458.8	423.8	388.8	346.8	297.7	255.7	231.2	213.7	196.1	171.6	150.6
20°	525.4	479.9	437.8	385.3	329.2	287.2	255.7	231.2	210.2	185.6	161.1
17.5°	613.0	546.4	490.4	430.8	374.8	322.2	276.7	248.7	227.7	199.6	171.6
15°	725.0	609.4	539.4	479.9	413.3	353.8	304.7	266.2	238.2	210.2	185.6
12.5°	809.1	658.5	581.4	525.4	455.3	388.8	325.7	280.2	248.7	220.7	192.6
10°	903.7	711.0	616.5	553.4	479.9	406.3	339.7	290.7	255.7	231.2	203.1
7.5°	980.7	753.1	634.0	563.9	493.9	420.3	353.8	301.2	266.2	238.2	210.2
5°	1050.8	788.1	648.0	567.4	500.9	430.8	360.8	308.2	273.2	245.2	217.2
2.5°	1099.8	819.6	662.0	574.4	507.9	437.8	371.3	315.2	280.2	252.2	224.2
0°	1141.8	830.1	658.5	574.4	511.4	437.8	374.8	318.7	283.7	255.7	227.7
-2.5°	1155.8	847.6	676.0	581.4	518.4	444.8	381.8	322.2	287.2	259.2	234.7
-5°	1155.8	833.6	676.0	588.4	521.9	448.3	381.8	325.7	290.7	262.7	234.7
-7.5°	1113.8	812.6	672.5	595.4	525.4	451.8	381.8	329.2	294.2	266.2	238.2
-10°	1040.3	781.1	669.0	598.9	525.4	448.3	381.8	329.2	294.2	266.2	241.7
-12.5°	921.2	739.0	651.5	591.9	518.4	441.3	378.3	329.2	294.2	269.7	241.7
-15°	861.6	704.0	630.5	570.9	500.9	430.8	371.3	325.7	294.2	269.7	245.2
-17.5°	781.1	676.0	609.4	549.9	486.9	420.3	364.3	325.7	294.2	266.2	245.2
-20°	725.0	644.5	584.9	532.4	469.3	409.8	360.8	322.2	294.2	266.2	245.2



REPORT NUMBER: P724027
 CATALOG NUMBER: IFLD-M-SA4C-722-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°	676.0	609.4	556.9	504.4	448.3	395.8	353.8	318.7	290.7	266.2	245.2
-25°	637.5	577.9	528.9	479.9	430.8	385.3	346.8	315.2	287.2	266.2	241.7
-27.5°	602.4	546.4	500.9	455.3	409.8	374.8	339.7	311.7	287.2	262.7	238.2
-30°	563.9	518.4	472.8	430.8	399.3	364.3	332.7	304.7	283.7	259.2	234.7
-32.5°	525.4	483.4	444.8	413.3	385.3	357.3	329.2	301.2	276.7	252.2	227.7
-35°	490.4	451.8	423.8	395.8	374.8	350.3	322.2	294.2	273.2	248.7	227.7
-37.5°	455.3	427.3	402.8	381.8	360.8	339.7	311.7	287.2	266.2	241.7	217.2
-40°	427.3	406.3	388.8	371.3	350.3	325.7	304.7	280.2	259.2	234.7	206.7
-42.5°	409.8	392.3	374.8	357.3	339.7	318.7	297.7	273.2	252.2	227.7	199.6
-45°	392.3	378.3	364.3	350.3	332.7	311.7	287.2	262.7	241.7	217.2	196.1
-47.5°	381.8	367.8	353.8	343.3	329.2	301.2	280.2	255.7	231.2	210.2	185.6
-50°	371.3	357.3	346.8	332.7	315.2	290.7	269.7	245.2	224.2	199.6	178.6
-52.5°	360.8	346.8	332.7	318.7	301.2	280.2	259.2	238.2	213.7	189.1	168.1
-55°	350.3	336.2	322.2	308.2	290.7	273.2	252.2	224.2	199.6	175.1	154.1
-57.5°	339.7	329.2	311.7	294.2	276.7	259.2	234.7	210.2	185.6	161.1	143.6
-60°	325.7	311.7	297.7	276.7	259.2	238.2	217.2	196.1	171.6	150.6	133.1
-62.5°	304.7	290.7	276.7	255.7	238.2	220.7	203.1	178.6	161.1	140.1	122.6
-65°	280.2	266.2	252.2	234.7	217.2	199.6	185.6	164.6	147.1	129.6	115.6
-67.5°	252.2	238.2	227.7	210.2	196.1	178.6	164.6	147.1	129.6	115.6	101.6
-70°	217.2	206.7	196.1	182.1	168.1	154.1	140.1	126.1	112.1	101.6	87.6
-72.5°	185.6	175.1	164.6	154.1	143.6	129.6	119.1	108.6	98.1	87.6	80.6
-75°	150.6	143.6	136.6	129.6	119.1	108.6	101.6	91.1	84.1	77.1	73.6
-77.5°	126.1	119.1	112.1	105.1	98.1	91.1	84.1	77.1	73.6	70.1	66.5
-80°	101.6	98.1	94.6	87.6	84.1	77.1	73.6	66.5	66.5	66.5	66.5
-82.5°	80.6	77.1	73.6	70.1	66.5	63.0	63.0	59.5	63.0	63.0	59.5
-85°	56.0	52.5	49.0	49.0	45.5	45.5	42.0	42.0	42.0	38.5	38.5
-87.5°	24.5	24.5	24.5	24.5	21.0	21.0	21.0	21.0	21.0	17.5	17.5
-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: P724027
 CATALOG NUMBER: IFLD-M-SA4C-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°	7.0	7.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	0.0	0.0
85°	14.0	14.0	10.5	10.5	10.5	7.0	7.0	3.5	3.5	3.5	3.5
82.5°	31.5	28.0	24.5	21.0	17.5	14.0	10.5	7.0	7.0	3.5	3.5
80°	38.5	38.5	38.5	35.0	28.0	21.0	14.0	10.5	7.0	3.5	3.5
77.5°	28.0	28.0	31.5	35.0	35.0	28.0	17.5	10.5	7.0	7.0	3.5
75°	21.0	21.0	21.0	24.5	28.0	28.0	21.0	14.0	7.0	7.0	3.5
72.5°	21.0	21.0	21.0	21.0	21.0	21.0	21.0	14.0	10.5	7.0	7.0
70°	17.5	17.5	17.5	17.5	17.5	17.5	17.5	14.0	10.5	7.0	7.0
67.5°	14.0	14.0	17.5	17.5	17.5	14.0	14.0	14.0	10.5	7.0	7.0
65°	10.5	14.0	14.0	17.5	14.0	14.0	14.0	10.5	10.5	7.0	7.0
62.5°	10.5	10.5	14.0	14.0	14.0	14.0	10.5	10.5	10.5	7.0	7.0
60°	10.5	10.5	10.5	14.0	10.5	10.5	10.5	10.5	10.5	7.0	7.0
57.5°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	7.0	7.0	7.0	7.0
55°	10.5	10.5	10.5	10.5	10.5	10.5	7.0	7.0	7.0	7.0	7.0
52.5°	14.0	10.5	10.5	10.5	10.5	10.5	7.0	7.0	7.0	7.0	7.0
50°	17.5	10.5	10.5	10.5	10.5	7.0	7.0	7.0	7.0	7.0	7.0
47.5°	24.5	17.5	14.0	10.5	10.5	7.0	7.0	7.0	7.0	7.0	3.5
45°	35.0	24.5	17.5	14.0	10.5	7.0	7.0	7.0	7.0	7.0	3.5
42.5°	42.0	31.5	21.0	17.5	14.0	10.5	7.0	7.0	7.0	3.5	3.5
40°	52.5	42.0	28.0	21.0	14.0	10.5	7.0	7.0	7.0	3.5	3.5
37.5°	66.5	52.5	35.0	24.5	17.5	10.5	10.5	7.0	7.0	3.5	3.5
35°	77.1	59.5	45.5	28.0	21.0	14.0	10.5	7.0	7.0	3.5	3.5
32.5°	87.6	70.1	56.0	35.0	24.5	17.5	14.0	7.0	7.0	3.5	3.5
30°	98.1	80.6	63.0	45.5	31.5	21.0	14.0	7.0	7.0	3.5	3.5
27.5°	108.6	87.6	70.1	52.5	35.0	24.5	17.5	10.5	7.0	3.5	3.5
25°	119.1	98.1	77.1	59.5	38.5	28.0	17.5	10.5	7.0	7.0	3.5
22.5°	126.1	108.6	87.6	66.5	45.5	31.5	21.0	14.0	7.0	7.0	3.5
20°	136.6	119.1	94.6	73.6	52.5	35.0	21.0	14.0	7.0	7.0	3.5
17.5°	147.1	126.1	101.6	80.6	59.5	38.5	24.5	17.5	7.0	7.0	3.5
15°	157.6	133.1	108.6	84.1	63.0	42.0	24.5	17.5	7.0	7.0	3.5
12.5°	168.1	143.6	115.6	91.1	66.5	45.5	28.0	21.0	10.5	7.0	3.5
10°	175.1	150.6	122.6	94.6	70.1	52.5	31.5	21.0	10.5	7.0	3.5
7.5°	185.6	157.6	129.6	101.6	73.6	56.0	35.0	21.0	10.5	7.0	3.5
5°	189.1	164.6	133.1	108.6	77.1	59.5	38.5	24.5	10.5	7.0	3.5
2.5°	192.6	171.6	136.6	112.1	80.6	59.5	38.5	24.5	14.0	7.0	3.5
0°	196.1	175.1	140.1	115.6	84.1	63.0	42.0	24.5	14.0	7.0	3.5
-2.5°	199.6	178.6	147.1	119.1	87.6	66.5	45.5	24.5	14.0	7.0	3.5
-5°	203.1	178.6	154.1	122.6	91.1	66.5	45.5	28.0	17.5	7.0	3.5
-7.5°	206.7	182.1	157.6	126.1	94.6	66.5	49.0	28.0	17.5	10.5	3.5
-10°	210.2	185.6	161.1	129.6	94.6	70.1	49.0	28.0	17.5	10.5	3.5
-12.5°	213.7	189.1	161.1	129.6	98.1	70.1	49.0	31.5	17.5	10.5	3.5
-15°	217.2	189.1	161.1	129.6	98.1	73.6	52.5	31.5	17.5	10.5	7.0
-17.5°	217.2	189.1	161.1	133.1	98.1	73.6	52.5	31.5	17.5	10.5	7.0
-20°	217.2	189.1	161.1	133.1	98.1	73.6	52.5	31.5	17.5	10.5	7.0



REPORT NUMBER: P724027
 CATALOG NUMBER: IFLD-M-SA4C-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°	213.7	185.6	161.1	129.6	98.1	73.6	52.5	31.5	21.0	10.5	7.0
-25°	213.7	185.6	161.1	129.6	98.1	73.6	49.0	31.5	21.0	10.5	7.0
-27.5°	210.2	185.6	157.6	126.1	94.6	70.1	49.0	31.5	21.0	10.5	7.0
-30°	206.7	182.1	154.1	122.6	94.6	70.1	49.0	31.5	21.0	10.5	7.0
-32.5°	203.1	175.1	150.6	119.1	91.1	66.5	49.0	31.5	21.0	10.5	7.0
-35°	196.1	171.6	143.6	115.6	87.6	66.5	45.5	31.5	21.0	14.0	7.0
-37.5°	189.1	164.6	140.1	112.1	84.1	63.0	45.5	31.5	21.0	14.0	7.0
-40°	182.1	161.1	133.1	105.1	80.6	59.5	45.5	31.5	21.0	14.0	10.5
-42.5°	175.1	154.1	129.6	101.6	80.6	59.5	42.0	31.5	21.0	14.0	10.5
-45°	171.6	150.6	122.6	98.1	77.1	59.5	42.0	28.0	21.0	14.0	10.5
-47.5°	164.6	140.1	115.6	94.6	73.6	56.0	38.5	28.0	21.0	14.0	10.5
-50°	154.1	133.1	112.1	91.1	70.1	52.5	38.5	28.0	21.0	14.0	10.5
-52.5°	143.6	122.6	105.1	84.1	66.5	52.5	38.5	28.0	21.0	14.0	10.5
-55°	133.1	115.6	98.1	80.6	63.0	49.0	35.0	28.0	21.0	14.0	10.5
-57.5°	126.1	108.6	91.1	73.6	59.5	45.5	35.0	24.5	17.5	14.0	10.5
-60°	119.1	101.6	84.1	70.1	56.0	45.5	35.0	24.5	17.5	14.0	7.0
-62.5°	108.6	94.6	77.1	66.5	52.5	42.0	31.5	24.5	17.5	14.0	7.0
-65°	98.1	84.1	70.1	59.5	49.0	38.5	31.5	24.5	17.5	14.0	7.0
-67.5°	87.6	77.1	66.5	56.0	45.5	38.5	31.5	24.5	17.5	10.5	7.0
-70°	80.6	70.1	59.5	52.5	45.5	35.0	31.5	24.5	17.5	10.5	7.0
-72.5°	70.1	63.0	56.0	49.0	42.0	38.5	31.5	24.5	14.0	10.5	7.0
-75°	66.5	59.5	52.5	49.0	45.5	38.5	31.5	21.0	14.0	10.5	7.0
-77.5°	66.5	59.5	56.0	52.5	45.5	38.5	28.0	17.5	10.5	10.5	7.0
-80°	66.5	63.0	59.5	49.0	42.0	31.5	21.0	17.5	10.5	7.0	3.5
-82.5°	59.5	49.0	42.0	35.0	31.5	24.5	17.5	14.0	7.0	7.0	3.5
-85°	38.5	31.5	28.0	24.5	21.0	17.5	10.5	7.0	7.0	3.5	3.5
-87.5°	17.5	17.5	14.0	10.5	10.5	7.0	7.0	3.5	3.5	3.5	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: P724027
 CATALOG NUMBER: IFLD-M-SA4C-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°	3.5	0.0	0.0	0.0
77.5°	3.5	0.0	0.0	0.0
75°	3.5	3.5	0.0	0.0
72.5°	3.5	3.5	0.0	0.0
70°	3.5	3.5	0.0	0.0
67.5°	3.5	3.5	0.0	0.0
65°	3.5	3.5	0.0	0.0
62.5°	3.5	3.5	0.0	0.0
60°	3.5	3.5	0.0	0.0
57.5°	3.5	3.5	3.5	0.0
55°	3.5	3.5	3.5	0.0
52.5°	3.5	3.5	3.5	0.0
50°	3.5	3.5	3.5	0.0
47.5°	3.5	3.5	3.5	0.0
45°	3.5	3.5	3.5	0.0
42.5°	3.5	3.5	3.5	0.0
40°	3.5	3.5	3.5	0.0
37.5°	3.5	3.5	3.5	0.0
35°	3.5	3.5	3.5	0.0
32.5°	3.5	3.5	3.5	0.0
30°	3.5	3.5	3.5	0.0
27.5°	3.5	3.5	3.5	0.0
25°	3.5	3.5	3.5	0.0
22.5°	3.5	3.5	3.5	0.0
20°	3.5	3.5	3.5	0.0
17.5°	3.5	3.5	3.5	0.0
15°	3.5	3.5	3.5	0.0
12.5°	3.5	3.5	3.5	0.0
10°	3.5	3.5	3.5	0.0
7.5°	3.5	3.5	3.5	0.0
5°	3.5	3.5	3.5	0.0
2.5°	3.5	3.5	3.5	0.0
0°	3.5	3.5	3.5	0.0
-2.5°	3.5	3.5	3.5	0.0
-5°	3.5	3.5	3.5	0.0
-7.5°	3.5	3.5	3.5	0.0
-10°	3.5	3.5	3.5	0.0
-12.5°	3.5	3.5	3.5	0.0
-15°	3.5	3.5	3.5	0.0
-17.5°	3.5	3.5	3.5	0.0
-20°	3.5	3.5	3.5	0.0



REPORT NUMBER: P724027
CATALOG NUMBER: IFLD-M-SA4C-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.5	3.5	3.5	0.0
-25°	3.5	3.5	3.5	0.0
-27.5°	3.5	3.5	3.5	0.0
-30°	3.5	3.5	3.5	0.0
-32.5°	3.5	3.5	3.5	0.0
-35°	3.5	3.5	3.5	0.0
-37.5°	3.5	3.5	3.5	0.0
-40°	3.5	3.5	3.5	0.0
-42.5°	3.5	3.5	3.5	0.0
-45°	3.5	3.5	3.5	0.0
-47.5°	3.5	3.5	3.5	0.0
-50°	3.5	3.5	3.5	0.0
-52.5°	3.5	3.5	3.5	0.0
-55°	3.5	3.5	3.5	0.0
-57.5°	3.5	3.5	3.5	0.0
-60°	3.5	3.5	0.0	0.0
-62.5°	3.5	3.5	0.0	0.0
-65°	3.5	3.5	0.0	0.0
-67.5°	3.5	3.5	0.0	0.0
-70°	3.5	3.5	0.0	0.0
-72.5°	3.5	3.5	0.0	0.0
-75°	3.5	3.5	0.0	0.0
-77.5°	3.5	0.0	0.0	0.0
-80°	3.5	0.0	0.0	0.0
-82.5°	3.5	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)