

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: P724056

Luminaire Tested: **IFLD-M-SA4C-727-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724056
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-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

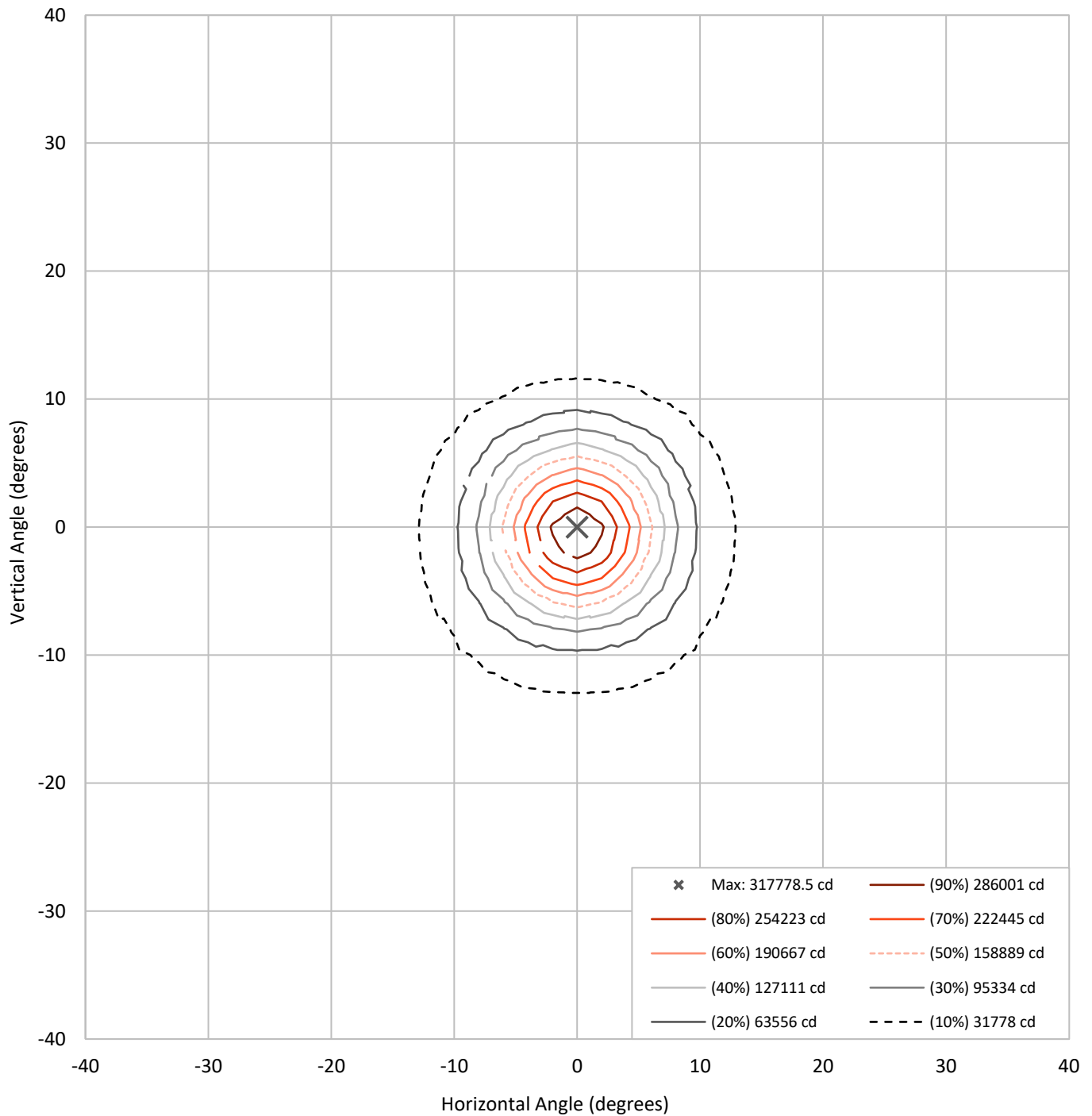
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	22197 lumens	Max Intensity:	317778.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6944.2 lumens	Field Lumens:	15800.6 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





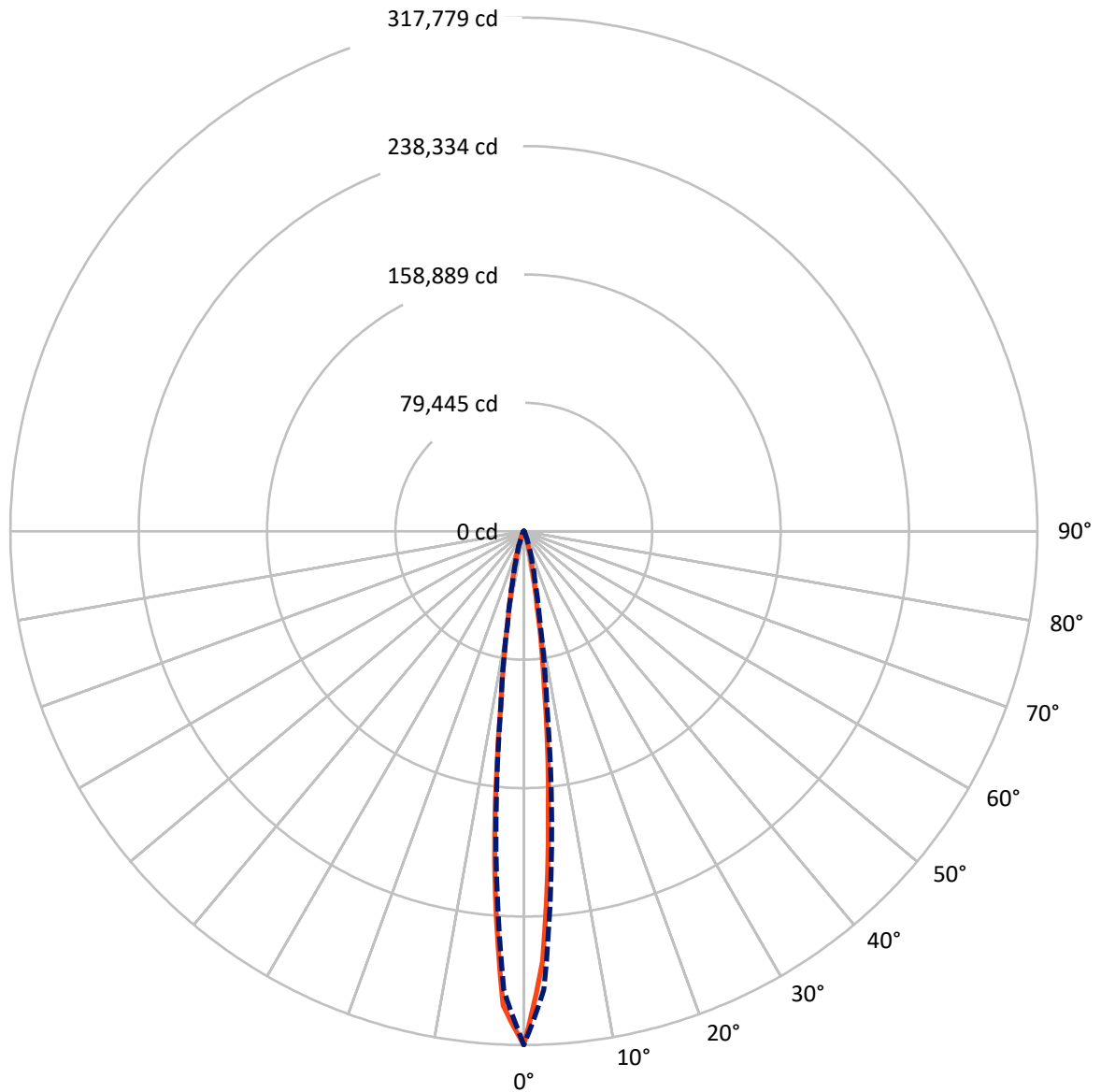
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Lumen Table

90	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1			
80	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1			
70	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.0	0.0	0.2	0.1	0.2	0.2	0.2	0.2	0.2			
60		0.1	0.3	0.6	1.1	1.7	2.2	2.5	2.5	2.2	1.7	1.1	0.6	0.3	0.1				
50	0.1	0.2	0.7	1.8	3.2	4.5	5.9	7.0	7.0	5.9	4.5	3.2	1.8	0.7	0.2	0.1			
40		0.4	1.5	3.3	5.7	8.9	13.5	16.1	16.1	13.5	8.9	5.7	3.3	1.5	0.4				
30	0.2	0.7	2.4	4.9	8.9	15.4	29.6	47.8	47.8	29.6	15.4	8.9	4.9	2.4	0.7	0.2			
20		1.0	3.2	6.7	13.5	33.5	174.9	442.4	442.4	174.9	33.5	13.5	6.7	3.2	1.0				
10	0.4	1.2	3.8	7.9	16.5	68.0	563.2	3470.8	3470.8	563.2	68.0	16.5	7.9	3.8	1.2	0.4			
0		1.4	4.1	8.3	17.2	77.5	619.8	3822.3	3822.3	619.8	77.5	17.2	8.3	4.1	1.4				
-10	0.5	1.5	4.3	8.2	16.1	46.5	278.2	670.4	670.4	278.2	46.5	16.1	8.2	4.3	1.5	0.5			
-20		1.5	4.3	7.8	13.6	23.7	57.5	108.0	108.0	57.5	23.7	13.6	7.8	4.3	1.5				
-30	0.5	1.4	3.9	7.3	11.3	16.8	23.7	27.9	27.9	23.7	16.8	11.3	7.3	3.9	1.4	0.5			
-40		1.2	3.4	6.5	9.9	13.0	16.5	18.3	18.3	16.5	13.0	9.9	6.5	3.4	1.2				
-50	0.4	1.0	2.7	5.5	8.7	11.4	14.0	15.3	15.3	14.0	11.4	8.7	5.5	2.7	1.0	0.4			
-60		0.8	2.0	4.0	6.6	9.1	11.5	12.7	12.7	11.5	9.1	6.6	4.0	2.0	0.8				
-70	0.2	3.0		8.3		15.3		18.5		15.3		8.3		3.0		0.2			
-80		3.0		8.3		15.3		18.5		15.3		8.3		3.0					
-90	0.2	3.0		8.3		15.3		18.5		15.3		8.3		3.0		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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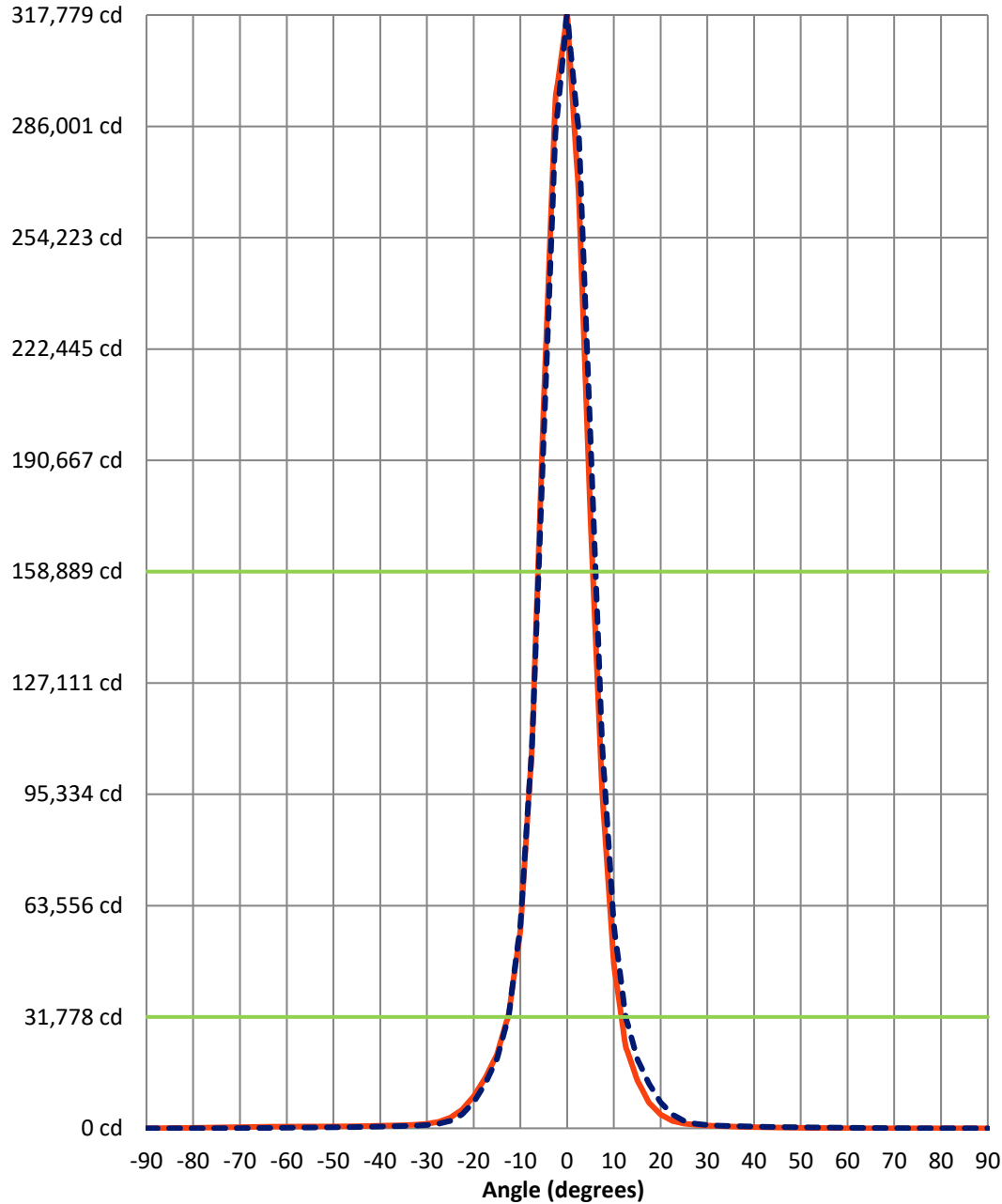
Luminous Intensity Polar Plot



— 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: 6944.2
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 15800.6
 Efficiency: 71.2%

Spill:
 Lumens: 6396.4
 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	4.0	4.0
85°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	8.0	8.0
82.5°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	8.0	8.0	8.0
80°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	8.0	8.0	8.0
77.5°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	8.0
75°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
72.5°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
70°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
67.5°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
65°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
62.5°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
60°	8.0	8.0	8.0	8.0	11.9	11.9	15.9	15.9	15.9	8.0	15.9
57.5°	63.6	63.6	59.6	55.7	51.7	47.7	47.7	47.7	47.7	47.7	39.8
55°	87.5	87.5	87.5	83.5	83.5	79.5	75.6	71.6	71.6	67.6	63.6
52.5°	103.4	103.4	103.4	103.4	99.4	99.4	99.4	95.4	87.5	87.5	83.5
50°	147.1	143.2	143.2	143.2	143.2	135.2	131.2	123.3	119.3	115.3	111.3
47.5°	190.9	190.9	186.9	186.9	182.9	175.0	167.0	159.1	151.1	147.1	139.2
45°	226.7	226.7	222.7	222.7	218.7	210.8	198.8	186.9	178.9	171.0	163.0
42.5°	278.4	274.4	270.4	266.4	258.5	246.6	230.6	214.7	202.8	190.9	182.9
40°	334.0	334.0	330.1	326.1	314.2	302.2	282.3	262.5	242.6	218.7	206.8
37.5°	401.6	405.6	409.6	409.6	401.6	385.7	357.9	334.0	302.2	270.4	254.5
35°	524.9	524.9	532.9	532.9	520.9	501.1	481.2	429.5	389.7	349.9	314.2
32.5°	660.1	664.1	648.2	636.3	620.4	596.5	560.7	517.0	473.2	421.5	381.8
30°	791.4	791.4	771.5	747.6	715.8	676.0	632.3	584.6	532.9	481.2	433.5
27.5°	998.1	978.3	962.4	922.6	866.9	791.4	735.7	660.1	592.5	532.9	481.2
25°	1340.1	1336.2	1300.4	1232.8	1121.4	1002.1	910.7	783.4	680.0	588.5	528.9
22.5°	2131.5	2103.7	2020.1	1853.1	1590.7	1383.9	1197.0	998.1	811.2	688.0	592.5
20°	3940.9	3849.4	3626.7	3165.4	2576.9	2171.3	1706.0	1371.9	1057.8	827.1	684.0
17.5°	7352.8	7293.2	7209.7	6143.9	4947.0	4088.0	3042.1	2103.7	1503.2	1081.7	811.2
15°	13783.1	13341.7	12419.1	11142.6	9468.4	7317.0	5380.4	3396.1	2147.4	1439.5	1030.0
12.5°	23561.7	23072.6	20690.5	17497.3	14487.0	11424.9	8020.9	5161.7	3058.0	1829.3	1220.8
10°	46948.4	43397.2	36728.4	27411.1	21394.4	15954.3	11261.9	7042.7	3980.6	2310.4	1447.5
7.5°	96159.5	84555.6	65157.5	45998.0	29773.2	20925.2	14383.6	9209.9	5304.9	2891.0	1654.3
5°	174284.9	153697.7	115792.2	69722.7	43234.2	26226.0	17067.8	10951.7	6279.1	3364.3	1861.1
2.5°	266121.7	239490.1	167405.2	95873.2	53311.0	30329.9	18944.8	12097.0	6899.5	3686.4	2020.1
0°	317778.5	283857.6	197146.6	109763.6	58110.9	32071.7	19863.4	12784.9	7424.4	3948.8	2123.5
-2.5°	293548.7	266241.0	181180.4	101961.4	55530.0	31308.2	19994.6	12955.9	7511.9	4020.4	2171.3
-5°	206893.4	184481.0	125364.0	75242.3	47115.4	28838.7	18865.3	12311.7	7269.3	3917.0	2151.4
-7.5°	109457.4	99317.0	74347.5	54066.6	34390.1	24408.7	16984.3	11170.4	6641.0	3638.6	2032.1
-10°	56552.0	54472.2	46940.4	35384.3	27828.6	20448.0	14494.9	9551.9	5551.4	3133.6	1829.3
-12.5°	32604.6	32250.7	29828.9	25605.7	21338.7	16797.4	11894.2	7790.3	4632.8	2596.8	1542.9
-15°	21112.1	21263.2	20420.1	18662.4	16232.7	12570.2	9138.4	5794.0	3427.9	2103.7	1360.0
-17.5°	14407.4	14367.7	13974.0	12769.0	10812.5	8490.2	6056.4	4092.0	2596.8	1638.4	1129.4
-20°	9114.5	9130.4	8764.5	7933.4	6493.9	5233.3	3769.9	2759.8	1841.2	1288.4	998.1



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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°	5289.0	5300.9	5070.2	4601.0	3845.4	3101.8	2449.6	1825.3	1356.0	1073.7	874.9
-25°	3038.2	2990.4	2899.0	2672.3	2318.4	1912.8	1626.5	1284.5	1085.6	910.7	799.3
-27.5°	1841.2	1809.4	1761.7	1662.2	1523.1	1320.2	1189.0	1037.9	922.6	819.2	751.6
-30°	1284.5	1296.4	1256.6	1204.9	1141.3	1049.8	978.3	906.7	831.1	767.5	703.9
-32.5°	1022.0	1030.0	1010.1	990.2	958.4	922.6	878.8	827.1	767.5	707.8	648.2
-35°	878.8	882.8	882.8	878.8	870.9	843.1	811.2	763.5	707.8	652.2	600.5
-37.5°	807.3	811.2	811.2	807.3	795.3	771.5	739.7	699.9	648.2	596.5	556.7
-40°	731.7	735.7	731.7	723.8	711.8	688.0	664.1	632.3	592.5	548.8	513.0
-42.5°	660.1	656.1	652.2	644.2	632.3	616.4	596.5	572.6	544.8	513.0	485.2
-45°	592.5	592.5	588.5	584.6	576.6	564.7	552.8	532.9	513.0	489.1	465.3
-47.5°	556.7	556.7	552.8	548.8	544.8	536.8	524.9	509.0	493.1	473.2	453.3
-50°	532.9	532.9	532.9	528.9	524.9	517.0	505.0	493.1	477.2	457.3	437.4
-52.5°	517.0	517.0	517.0	513.0	509.0	505.0	493.1	477.2	457.3	441.4	425.5
-55°	509.0	505.0	505.0	501.1	497.1	493.1	477.2	461.3	445.4	429.5	413.6
-57.5°	497.1	493.1	493.1	489.1	485.2	481.2	465.3	449.4	433.5	413.6	401.6
-60°	485.2	481.2	481.2	473.2	469.2	465.3	449.4	433.5	417.5	401.6	385.7
-62.5°	469.2	465.3	461.3	457.3	449.4	441.4	429.5	413.6	393.7	377.8	361.9
-65°	433.5	429.5	425.5	421.5	417.5	413.6	401.6	381.8	365.9	349.9	334.0
-67.5°	389.7	389.7	389.7	381.8	377.8	369.8	361.9	346.0	330.1	314.2	302.2
-70°	338.0	338.0	338.0	330.1	326.1	322.1	310.2	298.2	286.3	274.4	258.5
-72.5°	286.3	282.3	282.3	278.4	270.4	266.4	258.5	250.5	238.6	230.6	218.7
-75°	234.6	230.6	230.6	226.7	222.7	218.7	210.8	206.8	198.8	190.9	178.9
-77.5°	186.9	186.9	186.9	182.9	178.9	175.0	171.0	167.0	163.0	155.1	147.1
-80°	143.2	143.2	143.2	143.2	143.2	143.2	143.2	139.2	131.2	127.3	123.3
-82.5°	103.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	103.4	99.4	95.4
-85°	67.6	71.6	71.6	75.6	79.5	79.5	83.5	79.5	75.6	67.6	63.6
-87.5°	35.8	35.8	35.8	35.8	35.8	35.8	35.8	31.8	31.8	31.8	27.8
-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	8.0	8.0	8.0
85°	8.0	8.0	8.0	8.0	11.9	11.9	11.9	15.9	15.9	15.9	15.9
82.5°	8.0	11.9	11.9	11.9	15.9	15.9	19.9	23.9	31.8	35.8	35.8
80°	8.0	11.9	11.9	11.9	15.9	15.9	19.9	19.9	23.9	27.8	35.8
77.5°	8.0	8.0	11.9	11.9	11.9	15.9	15.9	19.9	19.9	23.9	27.8
75°	4.0	8.0	8.0	8.0	11.9	11.9	15.9	15.9	19.9	19.9	23.9
72.5°	4.0	8.0	8.0	8.0	11.9	11.9	15.9	15.9	15.9	19.9	19.9
70°	4.0	8.0	8.0	8.0	8.0	11.9	11.9	11.9	15.9	15.9	15.9
67.5°	4.0	4.0	4.0	8.0	8.0	8.0	8.0	11.9	11.9	11.9	15.9
65°	4.0	4.0	4.0	4.0	8.0	8.0	8.0	8.0	11.9	11.9	11.9
62.5°	4.0	4.0	4.0	8.0	8.0	8.0	8.0	8.0	11.9	11.9	11.9
60°	15.9	15.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
57.5°	35.8	35.8	31.8	27.8	23.9	23.9	19.9	15.9	15.9	11.9	11.9
55°	59.6	55.7	51.7	43.7	39.8	35.8	31.8	23.9	19.9	15.9	11.9
52.5°	75.6	71.6	67.6	63.6	55.7	47.7	43.7	39.8	31.8	23.9	19.9
50°	111.3	99.4	91.5	83.5	75.6	67.6	59.6	55.7	43.7	35.8	27.8
47.5°	135.2	127.3	115.3	107.4	99.4	87.5	75.6	67.6	59.6	47.7	35.8
45°	155.1	147.1	135.2	127.3	119.3	107.4	95.4	83.5	75.6	63.6	47.7
42.5°	175.0	167.0	155.1	147.1	135.2	123.3	111.3	99.4	87.5	79.5	63.6
40°	202.8	190.9	175.0	167.0	159.1	143.2	127.3	115.3	103.4	91.5	75.6
37.5°	238.6	226.7	206.8	190.9	178.9	167.0	151.1	135.2	123.3	107.4	91.5
35°	294.3	274.4	246.6	222.7	206.8	190.9	171.0	155.1	139.2	123.3	107.4
32.5°	349.9	318.1	282.3	254.5	230.6	210.8	190.9	175.0	155.1	135.2	119.3
30°	393.7	357.9	322.1	282.3	254.5	230.6	210.8	190.9	171.0	151.1	131.2
27.5°	437.4	397.7	357.9	318.1	278.4	246.6	226.7	206.8	186.9	167.0	143.2
25°	481.2	437.4	397.7	353.9	306.2	270.4	242.6	226.7	206.8	182.9	155.1
22.5°	520.9	481.2	441.4	393.7	338.0	290.3	262.5	242.6	222.7	194.9	171.0
20°	596.5	544.8	497.1	437.4	373.8	326.1	290.3	262.5	238.6	210.8	182.9
17.5°	695.9	620.4	556.7	489.1	425.5	365.9	314.2	282.3	258.5	226.7	194.9
15°	823.2	691.9	612.4	544.8	469.2	401.6	346.0	302.2	270.4	238.6	210.8
12.5°	918.6	747.6	660.1	596.5	517.0	441.4	369.8	318.1	282.3	250.5	218.7
10°	1026.0	807.3	699.9	628.3	544.8	461.3	385.7	330.1	290.3	262.5	230.6
7.5°	1113.5	855.0	719.8	640.2	560.7	477.2	401.6	342.0	302.2	270.4	238.6
5°	1193.0	894.7	735.7	644.2	568.7	489.1	409.6	349.9	310.2	278.4	246.6
2.5°	1248.7	930.5	751.6	652.2	576.6	497.1	421.5	357.9	318.1	286.3	254.5
0°	1296.4	942.5	747.6	652.2	580.6	497.1	425.5	361.9	322.1	290.3	258.5
-2.5°	1312.3	962.4	767.5	660.1	588.5	505.0	433.5	365.9	326.1	294.3	266.4
-5°	1312.3	946.4	767.5	668.1	592.5	509.0	433.5	369.8	330.1	298.2	266.4
-7.5°	1264.6	922.6	763.5	676.0	596.5	513.0	433.5	373.8	334.0	302.2	270.4
-10°	1181.1	886.8	759.5	680.0	596.5	509.0	433.5	373.8	334.0	302.2	274.4
-12.5°	1045.9	839.1	739.7	672.1	588.5	501.1	429.5	373.8	334.0	306.2	274.4
-15°	978.3	799.3	715.8	648.2	568.7	489.1	421.5	369.8	334.0	306.2	278.4
-17.5°	886.8	767.5	691.9	624.3	552.8	477.2	413.6	369.8	334.0	302.2	278.4
-20°	823.2	731.7	664.1	604.5	532.9	465.3	409.6	365.9	334.0	302.2	278.4



REPORT NUMBER: P724056
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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°	767.5	691.9	632.3	572.6	509.0	449.4	401.6	361.9	330.1	302.2	278.4
-25°	723.8	656.1	600.5	544.8	489.1	437.4	393.7	357.9	326.1	302.2	274.4
-27.5°	684.0	620.4	568.7	517.0	465.3	425.5	385.7	353.9	326.1	298.2	270.4
-30°	640.2	588.5	536.8	489.1	453.3	413.6	377.8	346.0	322.1	294.3	266.4
-32.5°	596.5	548.8	505.0	469.2	437.4	405.6	373.8	342.0	314.2	286.3	258.5
-35°	556.7	513.0	481.2	449.4	425.5	397.7	365.9	334.0	310.2	282.3	258.5
-37.5°	517.0	485.2	457.3	433.5	409.6	385.7	353.9	326.1	302.2	274.4	246.6
-40°	485.2	461.3	441.4	421.5	397.7	369.8	346.0	318.1	294.3	266.4	234.6
-42.5°	465.3	445.4	425.5	405.6	385.7	361.9	338.0	310.2	286.3	258.5	226.7
-45°	445.4	429.5	413.6	397.7	377.8	353.9	326.1	298.2	274.4	246.6	222.7
-47.5°	433.5	417.5	401.6	389.7	373.8	342.0	318.1	290.3	262.5	238.6	210.8
-50°	421.5	405.6	393.7	377.8	357.9	330.1	306.2	278.4	254.5	226.7	202.8
-52.5°	409.6	393.7	377.8	361.9	342.0	318.1	294.3	270.4	242.6	214.7	190.9
-55°	397.7	381.8	365.9	349.9	330.1	310.2	286.3	254.5	226.7	198.8	175.0
-57.5°	385.7	373.8	353.9	334.0	314.2	294.3	266.4	238.6	210.8	182.9	163.0
-60°	369.8	353.9	338.0	314.2	294.3	270.4	246.6	222.7	194.9	171.0	151.1
-62.5°	346.0	330.1	314.2	290.3	270.4	250.5	230.6	202.8	182.9	159.1	139.2
-65°	318.1	302.2	286.3	266.4	246.6	226.7	210.8	186.9	167.0	147.1	131.2
-67.5°	286.3	270.4	258.5	238.6	222.7	202.8	186.9	167.0	147.1	131.2	115.3
-70°	246.6	234.6	222.7	206.8	190.9	175.0	159.1	143.2	127.3	115.3	99.4
-72.5°	210.8	198.8	186.9	175.0	163.0	147.1	135.2	123.3	111.3	99.4	91.5
-75°	171.0	163.0	155.1	147.1	135.2	123.3	115.3	103.4	95.4	87.5	83.5
-77.5°	143.2	135.2	127.3	119.3	111.3	103.4	95.4	87.5	83.5	79.5	75.6
-80°	115.3	111.3	107.4	99.4	95.4	87.5	83.5	75.6	75.6	75.6	75.6
-82.5°	91.5	87.5	83.5	79.5	75.6	71.6	71.6	67.6	71.6	71.6	67.6
-85°	63.6	59.6	55.7	55.7	51.7	51.7	47.7	47.7	47.7	43.7	43.7
-87.5°	27.8	27.8	27.8	27.8	23.9	23.9	23.9	23.9	23.9	19.9	19.9
-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: P724056
 CATALOG NUMBER: IFLD-M-SA4C-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°	8.0	8.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.0	0.0
85°	15.9	15.9	11.9	11.9	11.9	8.0	8.0	4.0	4.0	4.0	4.0
82.5°	35.8	31.8	27.8	23.9	19.9	15.9	11.9	8.0	8.0	4.0	4.0
80°	43.7	43.7	43.7	39.8	31.8	23.9	15.9	11.9	8.0	4.0	4.0
77.5°	31.8	31.8	35.8	39.8	39.8	31.8	19.9	11.9	8.0	8.0	4.0
75°	23.9	23.9	23.9	27.8	31.8	31.8	23.9	15.9	8.0	8.0	4.0
72.5°	23.9	23.9	23.9	23.9	23.9	23.9	23.9	15.9	11.9	8.0	8.0
70°	19.9	19.9	19.9	19.9	19.9	19.9	19.9	15.9	11.9	8.0	8.0
67.5°	15.9	15.9	19.9	19.9	19.9	15.9	15.9	15.9	11.9	8.0	8.0
65°	11.9	15.9	15.9	19.9	15.9	15.9	15.9	11.9	11.9	8.0	8.0
62.5°	11.9	11.9	15.9	15.9	15.9	15.9	11.9	11.9	11.9	8.0	8.0
60°	11.9	11.9	11.9	15.9	11.9	11.9	11.9	11.9	11.9	8.0	8.0
57.5°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	8.0	8.0	8.0	8.0
55°	11.9	11.9	11.9	11.9	11.9	11.9	8.0	8.0	8.0	8.0	8.0
52.5°	15.9	11.9	11.9	11.9	11.9	11.9	8.0	8.0	8.0	8.0	8.0
50°	19.9	11.9	11.9	11.9	11.9	8.0	8.0	8.0	8.0	8.0	8.0
47.5°	27.8	19.9	15.9	11.9	11.9	8.0	8.0	8.0	8.0	8.0	4.0
45°	39.8	27.8	19.9	15.9	11.9	8.0	8.0	8.0	8.0	8.0	4.0
42.5°	47.7	35.8	23.9	19.9	15.9	11.9	8.0	8.0	8.0	4.0	4.0
40°	59.6	47.7	31.8	23.9	15.9	11.9	8.0	8.0	8.0	4.0	4.0
37.5°	75.6	59.6	39.8	27.8	19.9	11.9	11.9	8.0	8.0	4.0	4.0
35°	87.5	67.6	51.7	31.8	23.9	15.9	11.9	8.0	8.0	4.0	4.0
32.5°	99.4	79.5	63.6	39.8	27.8	19.9	15.9	8.0	8.0	4.0	4.0
30°	111.3	91.5	71.6	51.7	35.8	23.9	15.9	8.0	8.0	4.0	4.0
27.5°	123.3	99.4	79.5	59.6	39.8	27.8	19.9	11.9	8.0	4.0	4.0
25°	135.2	111.3	87.5	67.6	43.7	31.8	19.9	11.9	8.0	8.0	4.0
22.5°	143.2	123.3	99.4	75.6	51.7	35.8	23.9	15.9	8.0	8.0	4.0
20°	155.1	135.2	107.4	83.5	59.6	39.8	23.9	15.9	8.0	8.0	4.0
17.5°	167.0	143.2	115.3	91.5	67.6	43.7	27.8	19.9	8.0	8.0	4.0
15°	178.9	151.1	123.3	95.4	71.6	47.7	27.8	19.9	8.0	8.0	4.0
12.5°	190.9	163.0	131.2	103.4	75.6	51.7	31.8	23.9	11.9	8.0	4.0
10°	198.8	171.0	139.2	107.4	79.5	59.6	35.8	23.9	11.9	8.0	4.0
7.5°	210.8	178.9	147.1	115.3	83.5	63.6	39.8	23.9	11.9	8.0	4.0
5°	214.7	186.9	151.1	123.3	87.5	67.6	43.7	27.8	11.9	8.0	4.0
2.5°	218.7	194.9	155.1	127.3	91.5	67.6	43.7	27.8	15.9	8.0	4.0
0°	222.7	198.8	159.1	131.2	95.4	71.6	47.7	27.8	15.9	8.0	4.0
-2.5°	226.7	202.8	167.0	135.2	99.4	75.6	51.7	27.8	15.9	8.0	4.0
-5°	230.6	202.8	175.0	139.2	103.4	75.6	51.7	31.8	19.9	8.0	4.0
-7.5°	234.6	206.8	178.9	143.2	107.4	75.6	55.7	31.8	19.9	11.9	4.0
-10°	238.6	210.8	182.9	147.1	107.4	79.5	55.7	31.8	19.9	11.9	4.0
-12.5°	242.6	214.7	182.9	147.1	111.3	79.5	55.7	35.8	19.9	11.9	4.0
-15°	246.6	214.7	182.9	147.1	111.3	83.5	59.6	35.8	19.9	11.9	8.0
-17.5°	246.6	214.7	182.9	151.1	111.3	83.5	59.6	35.8	19.9	11.9	8.0
-20°	246.6	214.7	182.9	151.1	111.3	83.5	59.6	35.8	19.9	11.9	8.0



REPORT NUMBER: P724056
 CATALOG NUMBER: IFLD-M-SA4C-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°	242.6	210.8	182.9	147.1	111.3	83.5	59.6	35.8	23.9	11.9	8.0
-25°	242.6	210.8	182.9	147.1	111.3	83.5	55.7	35.8	23.9	11.9	8.0
-27.5°	238.6	210.8	178.9	143.2	107.4	79.5	55.7	35.8	23.9	11.9	8.0
-30°	234.6	206.8	175.0	139.2	107.4	79.5	55.7	35.8	23.9	11.9	8.0
-32.5°	230.6	198.8	171.0	135.2	103.4	75.6	55.7	35.8	23.9	11.9	8.0
-35°	222.7	194.9	163.0	131.2	99.4	75.6	51.7	35.8	23.9	15.9	8.0
-37.5°	214.7	186.9	159.1	127.3	95.4	71.6	51.7	35.8	23.9	15.9	8.0
-40°	206.8	182.9	151.1	119.3	91.5	67.6	51.7	35.8	23.9	15.9	11.9
-42.5°	198.8	175.0	147.1	115.3	91.5	67.6	47.7	35.8	23.9	15.9	11.9
-45°	194.9	171.0	139.2	111.3	87.5	67.6	47.7	31.8	23.9	15.9	11.9
-47.5°	186.9	159.1	131.2	107.4	83.5	63.6	43.7	31.8	23.9	15.9	11.9
-50°	175.0	151.1	127.3	103.4	79.5	59.6	43.7	31.8	23.9	15.9	11.9
-52.5°	163.0	139.2	119.3	95.4	75.6	59.6	43.7	31.8	23.9	15.9	11.9
-55°	151.1	131.2	111.3	91.5	71.6	55.7	39.8	31.8	23.9	15.9	11.9
-57.5°	143.2	123.3	103.4	83.5	67.6	51.7	39.8	27.8	19.9	15.9	11.9
-60°	135.2	115.3	95.4	79.5	63.6	51.7	39.8	27.8	19.9	15.9	8.0
-62.5°	123.3	107.4	87.5	75.6	59.6	47.7	35.8	27.8	19.9	15.9	8.0
-65°	111.3	95.4	79.5	67.6	55.7	43.7	35.8	27.8	19.9	15.9	8.0
-67.5°	99.4	87.5	75.6	63.6	51.7	43.7	35.8	27.8	19.9	11.9	8.0
-70°	91.5	79.5	67.6	59.6	51.7	39.8	35.8	27.8	19.9	11.9	8.0
-72.5°	79.5	71.6	63.6	55.7	47.7	43.7	35.8	27.8	15.9	11.9	8.0
-75°	75.6	67.6	59.6	55.7	51.7	43.7	35.8	23.9	15.9	11.9	8.0
-77.5°	75.6	67.6	63.6	59.6	51.7	43.7	31.8	19.9	11.9	11.9	8.0
-80°	75.6	71.6	67.6	55.7	47.7	35.8	23.9	19.9	11.9	8.0	4.0
-82.5°	67.6	55.7	47.7	39.8	35.8	27.8	19.9	15.9	8.0	8.0	4.0
-85°	43.7	35.8	31.8	27.8	23.9	19.9	11.9	8.0	8.0	4.0	4.0
-87.5°	19.9	19.9	15.9	11.9	11.9	8.0	8.0	4.0	4.0	4.0	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: P724056
 CATALOG NUMBER: IFLD-M-SA4C-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°	4.0	0.0	0.0	0.0
77.5°	4.0	0.0	0.0	0.0
75°	4.0	4.0	0.0	0.0
72.5°	4.0	4.0	0.0	0.0
70°	4.0	4.0	0.0	0.0
67.5°	4.0	4.0	0.0	0.0
65°	4.0	4.0	0.0	0.0
62.5°	4.0	4.0	0.0	0.0
60°	4.0	4.0	0.0	0.0
57.5°	4.0	4.0	4.0	0.0
55°	4.0	4.0	4.0	0.0
52.5°	4.0	4.0	4.0	0.0
50°	4.0	4.0	4.0	0.0
47.5°	4.0	4.0	4.0	0.0
45°	4.0	4.0	4.0	0.0
42.5°	4.0	4.0	4.0	0.0
40°	4.0	4.0	4.0	0.0
37.5°	4.0	4.0	4.0	0.0
35°	4.0	4.0	4.0	0.0
32.5°	4.0	4.0	4.0	0.0
30°	4.0	4.0	4.0	0.0
27.5°	4.0	4.0	4.0	0.0
25°	4.0	4.0	4.0	0.0
22.5°	4.0	4.0	4.0	0.0
20°	4.0	4.0	4.0	0.0
17.5°	4.0	4.0	4.0	0.0
15°	4.0	4.0	4.0	0.0
12.5°	4.0	4.0	4.0	0.0
10°	4.0	4.0	4.0	0.0
7.5°	4.0	4.0	4.0	0.0
5°	4.0	4.0	4.0	0.0
2.5°	4.0	4.0	4.0	0.0
0°	4.0	4.0	4.0	0.0
-2.5°	4.0	4.0	4.0	0.0
-5°	4.0	4.0	4.0	0.0
-7.5°	4.0	4.0	4.0	0.0
-10°	4.0	4.0	4.0	0.0
-12.5°	4.0	4.0	4.0	0.0
-15°	4.0	4.0	4.0	0.0
-17.5°	4.0	4.0	4.0	0.0
-20°	4.0	4.0	4.0	0.0



REPORT NUMBER: P724056
CATALOG NUMBER: IFLD-M-SA4C-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	4.0	4.0	4.0	0.0
-25°	4.0	4.0	4.0	0.0
-27.5°	4.0	4.0	4.0	0.0
-30°	4.0	4.0	4.0	0.0
-32.5°	4.0	4.0	4.0	0.0
-35°	4.0	4.0	4.0	0.0
-37.5°	4.0	4.0	4.0	0.0
-40°	4.0	4.0	4.0	0.0
-42.5°	4.0	4.0	4.0	0.0
-45°	4.0	4.0	4.0	0.0
-47.5°	4.0	4.0	4.0	0.0
-50°	4.0	4.0	4.0	0.0
-52.5°	4.0	4.0	4.0	0.0
-55°	4.0	4.0	4.0	0.0
-57.5°	4.0	4.0	4.0	0.0
-60°	4.0	4.0	0.0	0.0
-62.5°	4.0	4.0	0.0	0.0
-65°	4.0	4.0	0.0	0.0
-67.5°	4.0	4.0	0.0	0.0
-70°	4.0	4.0	0.0	0.0
-72.5°	4.0	4.0	0.0	0.0
-75°	4.0	4.0	0.0	0.0
-77.5°	4.0	0.0	0.0	0.0
-80°	4.0	0.0	0.0	0.0
-82.5°	4.0	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)