

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: P724043

Luminaire Tested: **IFLD-S-SA2E-727-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724043
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-727-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (32) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

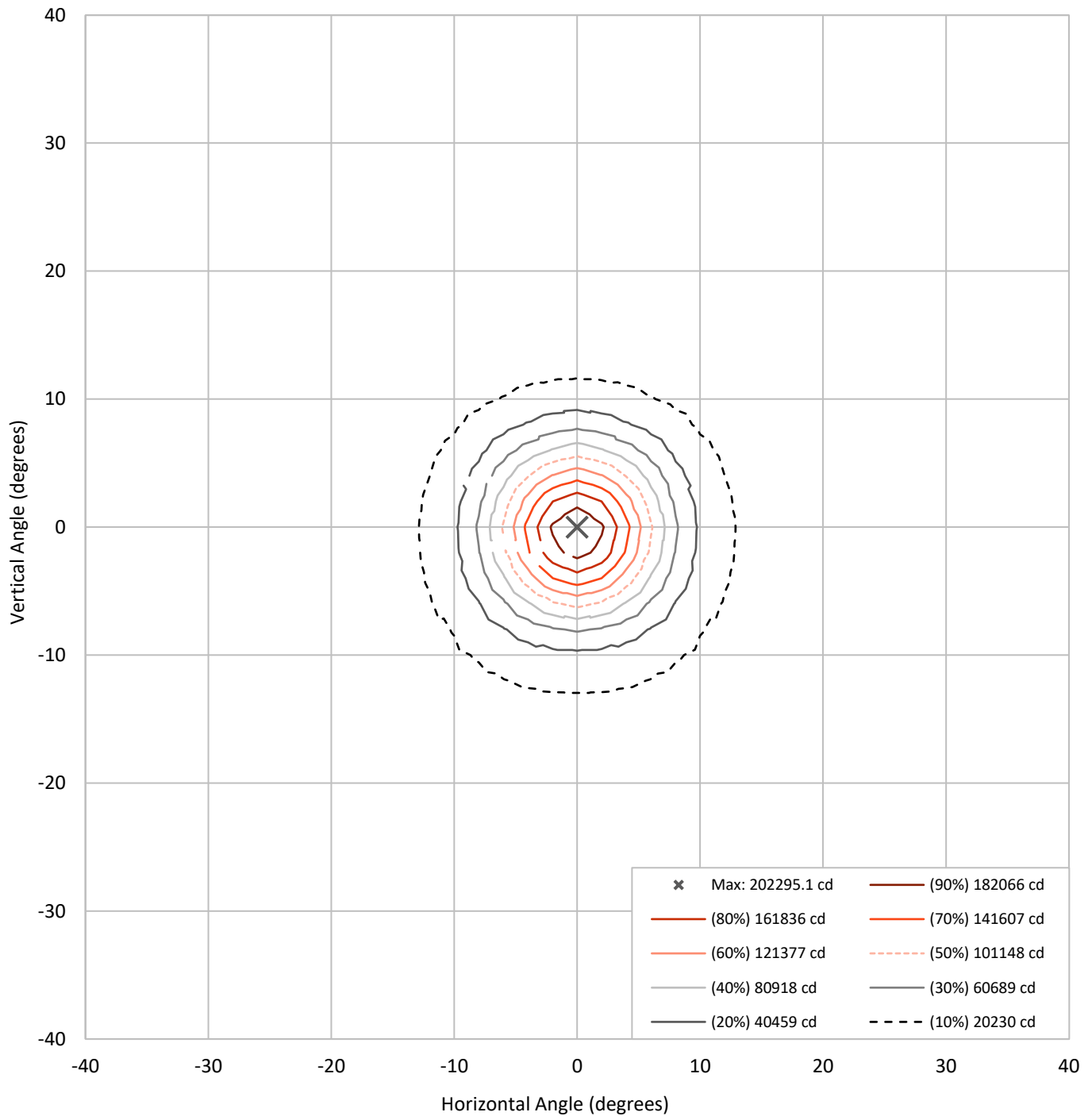
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	14130.4 lumens	Max Intensity:	202295.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4420.6 lumens	Field Lumens:	10058.5 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 156.2
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





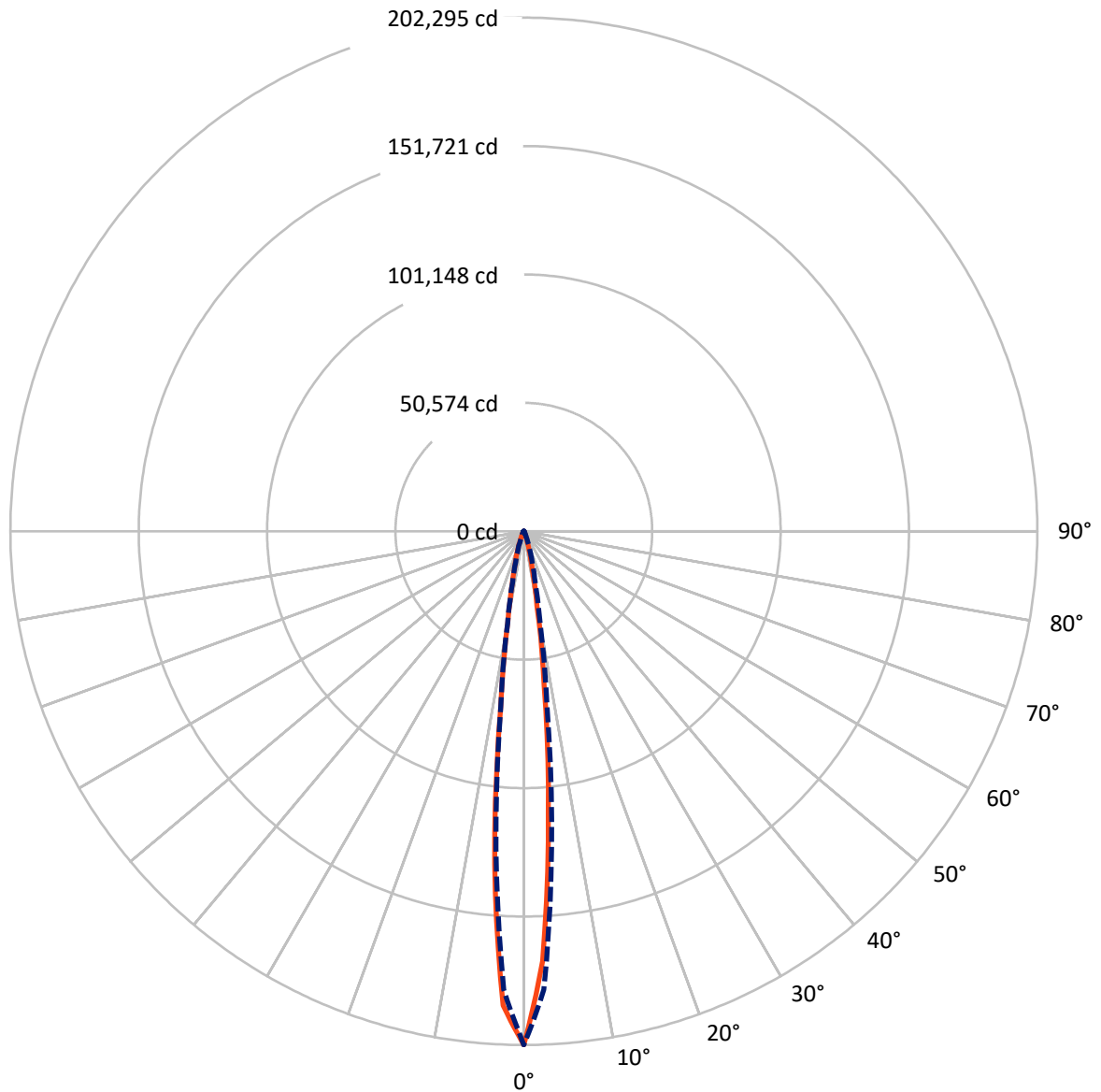
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Lumen Table

90	0.1	0.8		0.7		0.3		0.0		0.3		0.7		0.8		0.1
80	0.1	0.8		0.7		0.3		0.0		0.3		0.7		0.8		0.1
70	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.1
60		0.1	0.2	0.4	0.7	1.1	1.4	1.6	1.6	1.4	1.1	0.7	0.4	0.2	0.1	
50	0.1	0.1	0.5	1.2	2.0	2.8	3.8	4.4	4.4	3.8	2.8	2.0	1.2	0.5	0.1	0.1
40		0.2	1.0	2.1	3.6	5.7	8.6	10.3	10.3	8.6	5.7	3.6	2.1	1.0	0.2	
30	0.1	0.4	1.5	3.1	5.7	9.8	18.8	30.4	30.4	18.8	9.8	5.7	3.1	1.5	0.4	0.1
20		0.6	2.0	4.2	8.6	21.3	111.3	281.6	281.6	111.3	21.3	8.6	4.2	2.0	0.6	
10	0.2	0.8	2.4	5.0	10.5	43.3	358.6	2209.5	2209.5	358.6	43.3	10.5	5.0	2.4	0.8	0.2
0		0.9	2.6	5.3	10.9	49.3	394.5	2433.2	2433.2	394.5	49.3	10.9	5.3	2.6	0.9	
-10	0.3	1.0	2.7	5.2	10.3	29.6	177.1	426.7	426.7	177.1	29.6	10.3	5.2	2.7	1.0	0.3
-20		1.0	2.7	5.0	8.7	15.1	36.6	68.8	68.8	36.6	15.1	8.7	5.0	2.7	1.0	
-30	0.3	0.9	2.5	4.6	7.2	10.7	15.1	17.7	17.7	15.1	10.7	7.2	4.6	2.5	0.9	0.3
-40		0.8	2.2	4.1	6.3	8.3	10.5	11.7	11.7	10.5	8.3	6.3	4.1	2.2	0.8	
-50	0.3	0.6	1.7	3.5	5.5	7.3	8.9	9.7	9.7	8.9	7.3	5.5	3.5	1.7	0.6	0.3
-60		0.5	1.3	2.6	4.2	5.8	7.3	8.1	8.1	7.3	5.8	4.2	2.6	1.3	0.5	
-70	0.3	0.6	1.7	3.5	5.5	7.3	8.9	9.7	9.7	8.9	7.3	5.5	3.5	1.7	0.6	0.3
-80		0.5	1.3	2.6	4.2	5.8	7.3	8.1	8.1	7.3	5.8	4.2	2.6	1.3	0.5	
-90	0.1	1.9		5.3		9.8		11.8		9.8		5.3		1.9		0.1

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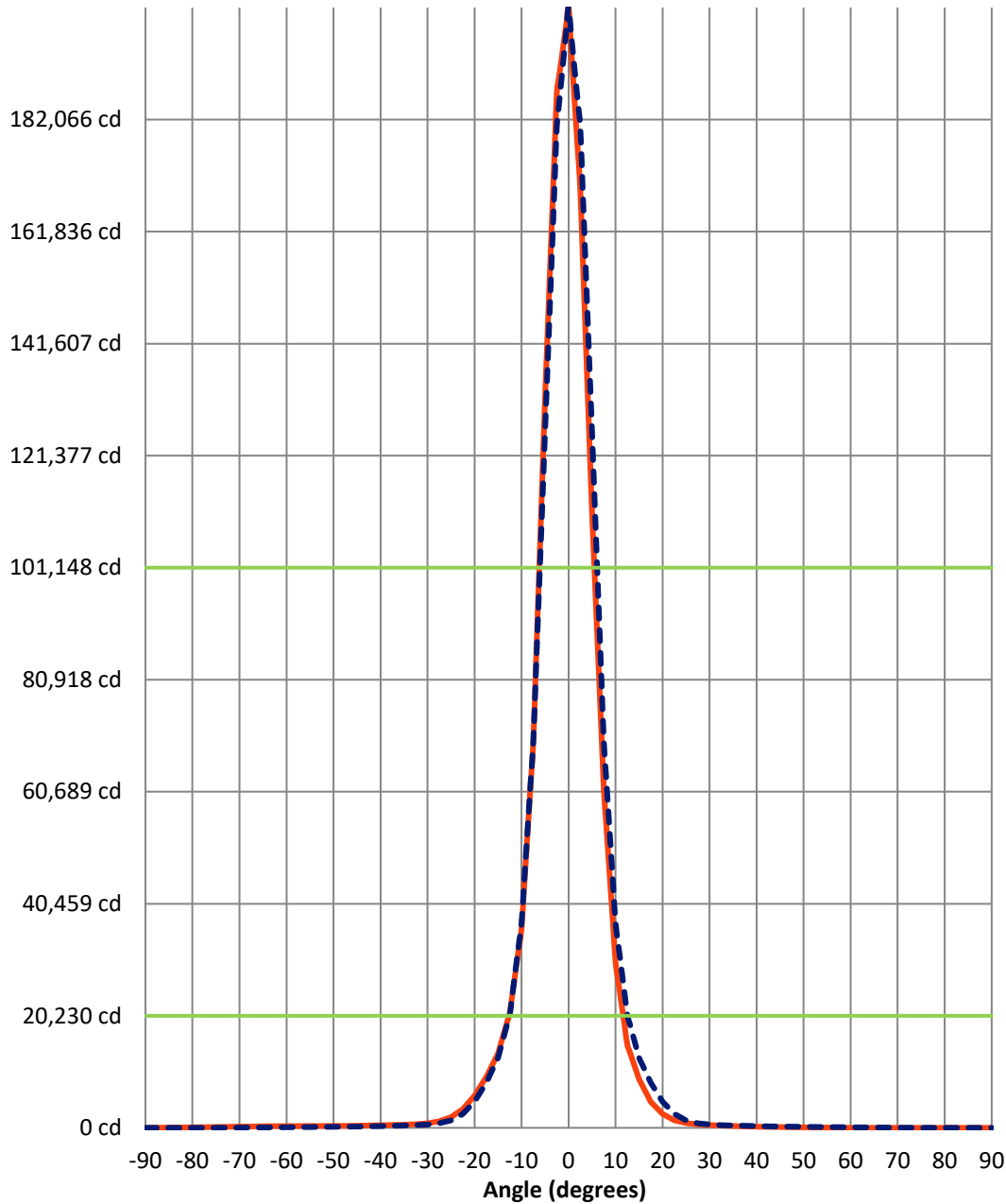
Luminous Intensity Polar Plot



— 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: 4420.6
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 10058.5
Efficiency: 71.2%

Spill:
Lumens: 4071.9
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	2.5	2.5
85°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	5.1	5.1
82.5°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	5.1	5.1	5.1
80°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	5.1	5.1	5.1
77.5°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	5.1
75°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5
72.5°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5
70°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5
67.5°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5
65°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5
62.5°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5
60°	5.1	5.1	5.1	5.1	7.6	7.6	10.1	10.1	10.1	5.1	10.1
57.5°	40.5	40.5	38.0	35.4	32.9	30.4	30.4	30.4	30.4	30.4	25.3
55°	55.7	55.7	55.7	53.2	53.2	50.6	48.1	45.6	45.6	43.0	40.5
52.5°	65.8	65.8	65.8	65.8	63.3	63.3	63.3	60.8	55.7	55.7	53.2
50°	93.7	91.1	91.1	91.1	91.1	86.1	83.5	78.5	75.9	73.4	70.9
47.5°	121.5	121.5	119.0	119.0	116.4	111.4	106.3	101.3	96.2	93.7	88.6
45°	144.3	144.3	141.8	141.8	139.2	134.2	126.6	119.0	113.9	108.9	103.8
42.5°	177.2	174.7	172.1	169.6	164.5	157.0	146.8	136.7	129.1	121.5	116.4
40°	212.6	212.6	210.1	207.6	200.0	192.4	179.7	167.1	154.4	139.2	131.6
37.5°	255.7	258.2	260.7	260.7	255.7	245.6	227.8	212.6	192.4	172.1	162.0
35°	334.2	334.2	339.2	339.2	331.6	319.0	306.3	273.4	248.1	222.8	200.0
32.5°	420.2	422.8	412.6	405.0	394.9	379.7	356.9	329.1	301.2	268.3	243.0
30°	503.8	503.8	491.1	475.9	455.7	430.4	402.5	372.1	339.2	306.3	275.9
27.5°	635.4	622.8	612.6	587.3	551.9	503.8	468.3	420.2	377.2	339.2	306.3
25°	853.1	850.6	827.8	784.8	713.9	637.9	579.7	498.7	432.9	374.7	336.7
22.5°	1356.9	1339.2	1286.0	1179.7	1012.6	881.0	762.0	635.4	516.4	438.0	377.2
20°	2508.7	2450.5	2308.7	2015.1	1640.4	1382.2	1086.0	873.4	673.4	526.6	435.4
17.5°	4680.8	4642.8	4589.6	3911.2	3149.2	2602.4	1936.6	1339.2	956.9	688.6	516.4
15°	8774.2	8493.2	7905.9	7093.3	6027.5	4658.0	3425.1	2161.9	1367.0	916.4	655.7
12.5°	14999.2	14687.8	13171.4	11138.6	9222.3	7273.0	5106.0	3285.9	1946.7	1164.5	777.2
10°	29886.9	27626.3	23381.0	17449.7	13619.5	10156.4	7169.2	4483.3	2534.0	1470.8	921.5
7.5°	61214.3	53827.4	41478.7	29281.9	18953.4	13320.8	9156.5	5863.0	3377.0	1840.4	1053.1
5°	110948.3	97842.7	73712.4	44384.9	27522.5	16695.3	10865.2	6971.8	3997.2	2141.7	1184.7
2.5°	169410.8	152457.3	106568.8	61032.0	33937.4	19307.8	12060.1	7700.8	4392.2	2346.7	1286.0
0°	202295.1	180701.3	125501.9	69874.6	36992.9	20416.6	12644.9	8138.8	4726.3	2513.8	1351.8
-2.5°	186870.6	169486.8	115337.9	64907.8	35349.9	19930.5	12728.4	8247.6	4782.0	2559.4	1382.2
-5°	131706.6	117439.0	79805.7	47898.6	29993.3	18358.5	12009.5	7837.5	4627.6	2493.5	1369.5
-7.5°	69679.7	63224.3	47329.0	34418.3	21892.5	15538.4	10812.1	7111.0	4227.6	2316.3	1293.6
-10°	36000.5	34676.6	29881.9	22525.3	17715.5	13017.0	9227.3	6080.7	3534.0	1994.8	1164.5
-12.5°	20755.8	20530.5	18988.8	16300.4	13584.1	10693.1	7571.7	4959.2	2949.2	1653.1	982.2
-15°	13439.8	13536.0	12999.3	11880.4	10333.6	8002.1	5817.4	3688.4	2182.2	1339.2	865.8
-17.5°	9171.6	9146.3	8895.7	8128.7	6883.2	5404.8	3855.5	2604.9	1653.1	1043.0	718.9
-20°	5802.2	5812.3	5579.4	5050.4	4133.9	3331.5	2399.9	1756.9	1172.1	820.2	635.4



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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°	3366.9	3374.5	3227.7	2929.0	2448.0	1974.6	1559.4	1162.0	863.2	683.5	556.9
-25°	1934.1	1903.7	1845.5	1701.2	1475.9	1217.7	1035.4	817.7	691.1	579.7	508.8
-27.5°	1172.1	1151.8	1121.5	1058.2	969.6	840.5	756.9	660.7	587.3	521.5	478.5
-30°	817.7	825.3	800.0	767.0	726.5	668.3	622.8	577.2	529.1	488.6	448.1
-32.5°	650.6	655.7	643.0	630.3	610.1	587.3	559.5	526.6	488.6	450.6	412.6
-35°	559.5	562.0	562.0	559.5	554.4	536.7	516.4	486.0	450.6	415.2	382.3
-37.5°	513.9	516.4	516.4	513.9	506.3	491.1	470.9	445.5	412.6	379.7	354.4
-40°	465.8	468.3	465.8	460.7	453.1	438.0	422.8	402.5	377.2	349.3	326.6
-42.5°	420.2	417.7	415.2	410.1	402.5	392.4	379.7	364.5	346.8	326.6	308.8
-45°	377.2	377.2	374.7	372.1	367.1	359.5	351.9	339.2	326.6	311.4	296.2
-47.5°	354.4	354.4	351.9	349.3	346.8	341.8	334.2	324.0	313.9	301.2	288.6
-50°	339.2	339.2	339.2	336.7	334.2	329.1	321.5	313.9	303.8	291.1	278.5
-52.5°	329.1	329.1	329.1	326.6	324.0	321.5	313.9	303.8	291.1	281.0	270.9
-55°	324.0	321.5	321.5	319.0	316.4	313.9	303.8	293.7	283.5	273.4	263.3
-57.5°	316.4	313.9	313.9	311.4	308.8	306.3	296.2	286.1	275.9	263.3	255.7
-60°	308.8	306.3	306.3	301.2	298.7	296.2	286.1	275.9	265.8	255.7	245.6
-62.5°	298.7	296.2	293.7	291.1	286.1	281.0	273.4	263.3	250.6	240.5	230.4
-65°	275.9	273.4	270.9	268.3	265.8	263.3	255.7	243.0	232.9	222.8	212.6
-67.5°	248.1	248.1	248.1	243.0	240.5	235.4	230.4	220.2	210.1	200.0	192.4
-70°	215.2	215.2	215.2	210.1	207.6	205.1	197.5	189.9	182.3	174.7	164.5
-72.5°	182.3	179.7	179.7	177.2	172.1	169.6	164.5	159.5	151.9	146.8	139.2
-75°	149.4	146.8	146.8	144.3	141.8	139.2	134.2	131.6	126.6	121.5	113.9
-77.5°	119.0	119.0	119.0	116.4	113.9	111.4	108.9	106.3	103.8	98.7	93.7
-80°	91.1	91.1	91.1	91.1	91.1	91.1	91.1	88.6	83.5	81.0	78.5
-82.5°	65.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	65.8	63.3	60.8
-85°	43.0	45.6	45.6	48.1	50.6	50.6	53.2	50.6	48.1	43.0	40.5
-87.5°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	20.3	20.3	20.3	17.7
-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.1	5.1	5.1
85°	5.1	5.1	5.1	5.1	7.6	7.6	7.6	10.1	10.1	10.1	10.1
82.5°	5.1	7.6	7.6	7.6	10.1	10.1	12.7	15.2	20.3	22.8	22.8
80°	5.1	7.6	7.6	7.6	10.1	10.1	12.7	12.7	15.2	17.7	22.8
77.5°	5.1	5.1	7.6	7.6	7.6	10.1	10.1	12.7	12.7	15.2	17.7
75°	2.5	5.1	5.1	5.1	7.6	7.6	10.1	10.1	12.7	12.7	15.2
72.5°	2.5	5.1	5.1	5.1	7.6	7.6	10.1	10.1	10.1	12.7	12.7
70°	2.5	5.1	5.1	5.1	5.1	7.6	7.6	7.6	10.1	10.1	10.1
67.5°	2.5	2.5	2.5	5.1	5.1	5.1	5.1	7.6	7.6	7.6	10.1
65°	2.5	2.5	2.5	2.5	5.1	5.1	5.1	5.1	7.6	7.6	7.6
62.5°	2.5	2.5	2.5	5.1	5.1	5.1	5.1	5.1	7.6	7.6	7.6
60°	10.1	10.1	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
57.5°	22.8	22.8	20.3	17.7	15.2	15.2	12.7	10.1	10.1	7.6	7.6
55°	38.0	35.4	32.9	27.8	25.3	22.8	20.3	15.2	12.7	10.1	7.6
52.5°	48.1	45.6	43.0	40.5	35.4	30.4	27.8	25.3	20.3	15.2	12.7
50°	70.9	63.3	58.2	53.2	48.1	43.0	38.0	35.4	27.8	22.8	17.7
47.5°	86.1	81.0	73.4	68.4	63.3	55.7	48.1	43.0	38.0	30.4	22.8
45°	98.7	93.7	86.1	81.0	75.9	68.4	60.8	53.2	48.1	40.5	30.4
42.5°	111.4	106.3	98.7	93.7	86.1	78.5	70.9	63.3	55.7	50.6	40.5
40°	129.1	121.5	111.4	106.3	101.3	91.1	81.0	73.4	65.8	58.2	48.1
37.5°	151.9	144.3	131.6	121.5	113.9	106.3	96.2	86.1	78.5	68.4	58.2
35°	187.3	174.7	157.0	141.8	131.6	121.5	108.9	98.7	88.6	78.5	68.4
32.5°	222.8	202.5	179.7	162.0	146.8	134.2	121.5	111.4	98.7	86.1	75.9
30°	250.6	227.8	205.1	179.7	162.0	146.8	134.2	121.5	108.9	96.2	83.5
27.5°	278.5	253.2	227.8	202.5	177.2	157.0	144.3	131.6	119.0	106.3	91.1
25°	306.3	278.5	253.2	225.3	194.9	172.1	154.4	144.3	131.6	116.4	98.7
22.5°	331.6	306.3	281.0	250.6	215.2	184.8	167.1	154.4	141.8	124.0	108.9
20°	379.7	346.8	316.4	278.5	238.0	207.6	184.8	167.1	151.9	134.2	116.4
17.5°	443.0	394.9	354.4	311.4	270.9	232.9	200.0	179.7	164.5	144.3	124.0
15°	524.0	440.5	389.9	346.8	298.7	255.7	220.2	192.4	172.1	151.9	134.2
12.5°	584.8	475.9	420.2	379.7	329.1	281.0	235.4	202.5	179.7	159.5	139.2
10°	653.1	513.9	445.5	400.0	346.8	293.7	245.6	210.1	184.8	167.1	146.8
7.5°	708.8	544.3	458.2	407.6	356.9	303.8	255.7	217.7	192.4	172.1	151.9
5°	759.5	569.6	468.3	410.1	362.0	311.4	260.7	222.8	197.5	177.2	157.0
2.5°	794.9	592.4	478.5	415.2	367.1	316.4	268.3	227.8	202.5	182.3	162.0
0°	825.3	600.0	475.9	415.2	369.6	316.4	270.9	230.4	205.1	184.8	164.5
-2.5°	835.4	612.6	488.6	420.2	374.7	321.5	275.9	232.9	207.6	187.3	169.6
-5°	835.4	602.5	488.6	425.3	377.2	324.0	275.9	235.4	210.1	189.9	169.6
-7.5°	805.0	587.3	486.0	430.4	379.7	326.6	275.9	238.0	212.6	192.4	172.1
-10°	751.9	564.5	483.5	432.9	379.7	324.0	275.9	238.0	212.6	192.4	174.7
-12.5°	665.8	534.1	470.9	427.8	374.7	319.0	273.4	238.0	212.6	194.9	174.7
-15°	622.8	508.8	455.7	412.6	362.0	311.4	268.3	235.4	212.6	194.9	177.2
-17.5°	564.5	488.6	440.5	397.4	351.9	303.8	263.3	235.4	212.6	192.4	177.2
-20°	524.0	465.8	422.8	384.8	339.2	296.2	260.7	232.9	212.6	192.4	177.2



REPORT NUMBER: P724043

CATALOG NUMBER: IFLD-S-SA2E-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°	488.6	440.5	402.5	364.5	324.0	286.1	255.7	230.4	210.1	192.4	177.2
-25°	460.7	417.7	382.3	346.8	311.4	278.5	250.6	227.8	207.6	192.4	174.7
-27.5°	435.4	394.9	362.0	329.1	296.2	270.9	245.6	225.3	207.6	189.9	172.1
-30°	407.6	374.7	341.8	311.4	288.6	263.3	240.5	220.2	205.1	187.3	169.6
-32.5°	379.7	349.3	321.5	298.7	278.5	258.2	238.0	217.7	200.0	182.3	164.5
-35°	354.4	326.6	306.3	286.1	270.9	253.2	232.9	212.6	197.5	179.7	164.5
-37.5°	329.1	308.8	291.1	275.9	260.7	245.6	225.3	207.6	192.4	174.7	157.0
-40°	308.8	293.7	281.0	268.3	253.2	235.4	220.2	202.5	187.3	169.6	149.4
-42.5°	296.2	283.5	270.9	258.2	245.6	230.4	215.2	197.5	182.3	164.5	144.3
-45°	283.5	273.4	263.3	253.2	240.5	225.3	207.6	189.9	174.7	157.0	141.8
-47.5°	275.9	265.8	255.7	248.1	238.0	217.7	202.5	184.8	167.1	151.9	134.2
-50°	268.3	258.2	250.6	240.5	227.8	210.1	194.9	177.2	162.0	144.3	129.1
-52.5°	260.7	250.6	240.5	230.4	217.7	202.5	187.3	172.1	154.4	136.7	121.5
-55°	253.2	243.0	232.9	222.8	210.1	197.5	182.3	162.0	144.3	126.6	111.4
-57.5°	245.6	238.0	225.3	212.6	200.0	187.3	169.6	151.9	134.2	116.4	103.8
-60°	235.4	225.3	215.2	200.0	187.3	172.1	157.0	141.8	124.0	108.9	96.2
-62.5°	220.2	210.1	200.0	184.8	172.1	159.5	146.8	129.1	116.4	101.3	88.6
-65°	202.5	192.4	182.3	169.6	157.0	144.3	134.2	119.0	106.3	93.7	83.5
-67.5°	182.3	172.1	164.5	151.9	141.8	129.1	119.0	106.3	93.7	83.5	73.4
-70°	157.0	149.4	141.8	131.6	121.5	111.4	101.3	91.1	81.0	73.4	63.3
-72.5°	134.2	126.6	119.0	111.4	103.8	93.7	86.1	78.5	70.9	63.3	58.2
-75°	108.9	103.8	98.7	93.7	86.1	78.5	73.4	65.8	60.8	55.7	53.2
-77.5°	91.1	86.1	81.0	75.9	70.9	65.8	60.8	55.7	53.2	50.6	48.1
-80°	73.4	70.9	68.4	63.3	60.8	55.7	53.2	48.1	48.1	48.1	48.1
-82.5°	58.2	55.7	53.2	50.6	48.1	45.6	45.6	43.0	45.6	45.6	43.0
-85°	40.5	38.0	35.4	35.4	32.9	32.9	30.4	30.4	30.4	27.8	27.8
-87.5°	17.7	17.7	17.7	17.7	15.2	15.2	15.2	15.2	15.2	12.7	12.7
-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: P724043
 CATALOG NUMBER: IFLD-S-SA2E-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°	5.1	5.1	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0	0.0
85°	10.1	10.1	7.6	7.6	7.6	5.1	5.1	2.5	2.5	2.5	2.5
82.5°	22.8	20.3	17.7	15.2	12.7	10.1	7.6	5.1	5.1	2.5	2.5
80°	27.8	27.8	27.8	25.3	20.3	15.2	10.1	7.6	5.1	2.5	2.5
77.5°	20.3	20.3	22.8	25.3	25.3	20.3	12.7	7.6	5.1	5.1	2.5
75°	15.2	15.2	15.2	17.7	20.3	20.3	15.2	10.1	5.1	5.1	2.5
72.5°	15.2	15.2	15.2	15.2	15.2	15.2	15.2	10.1	7.6	5.1	5.1
70°	12.7	12.7	12.7	12.7	12.7	12.7	12.7	10.1	7.6	5.1	5.1
67.5°	10.1	10.1	12.7	12.7	12.7	10.1	10.1	10.1	7.6	5.1	5.1
65°	7.6	10.1	10.1	12.7	10.1	10.1	10.1	7.6	7.6	5.1	5.1
62.5°	7.6	7.6	10.1	10.1	10.1	10.1	7.6	7.6	7.6	5.1	5.1
60°	7.6	7.6	7.6	10.1	7.6	7.6	7.6	7.6	7.6	5.1	5.1
57.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	5.1	5.1	5.1	5.1
55°	7.6	7.6	7.6	7.6	7.6	7.6	5.1	5.1	5.1	5.1	5.1
52.5°	10.1	7.6	7.6	7.6	7.6	7.6	5.1	5.1	5.1	5.1	5.1
50°	12.7	7.6	7.6	7.6	7.6	5.1	5.1	5.1	5.1	5.1	5.1
47.5°	17.7	12.7	10.1	7.6	7.6	5.1	5.1	5.1	5.1	5.1	2.5
45°	25.3	17.7	12.7	10.1	7.6	5.1	5.1	5.1	5.1	5.1	2.5
42.5°	30.4	22.8	15.2	12.7	10.1	7.6	5.1	5.1	5.1	2.5	2.5
40°	38.0	30.4	20.3	15.2	10.1	7.6	5.1	5.1	5.1	2.5	2.5
37.5°	48.1	38.0	25.3	17.7	12.7	7.6	7.6	5.1	5.1	2.5	2.5
35°	55.7	43.0	32.9	20.3	15.2	10.1	7.6	5.1	5.1	2.5	2.5
32.5°	63.3	50.6	40.5	25.3	17.7	12.7	10.1	5.1	5.1	2.5	2.5
30°	70.9	58.2	45.6	32.9	22.8	15.2	10.1	5.1	5.1	2.5	2.5
27.5°	78.5	63.3	50.6	38.0	25.3	17.7	12.7	7.6	5.1	2.5	2.5
25°	86.1	70.9	55.7	43.0	27.8	20.3	12.7	7.6	5.1	5.1	2.5
22.5°	91.1	78.5	63.3	48.1	32.9	22.8	15.2	10.1	5.1	5.1	2.5
20°	98.7	86.1	68.4	53.2	38.0	25.3	15.2	10.1	5.1	5.1	2.5
17.5°	106.3	91.1	73.4	58.2	43.0	27.8	17.7	12.7	5.1	5.1	2.5
15°	113.9	96.2	78.5	60.8	45.6	30.4	17.7	12.7	5.1	5.1	2.5
12.5°	121.5	103.8	83.5	65.8	48.1	32.9	20.3	15.2	7.6	5.1	2.5
10°	126.6	108.9	88.6	68.4	50.6	38.0	22.8	15.2	7.6	5.1	2.5
7.5°	134.2	113.9	93.7	73.4	53.2	40.5	25.3	15.2	7.6	5.1	2.5
5°	136.7	119.0	96.2	78.5	55.7	43.0	27.8	17.7	7.6	5.1	2.5
2.5°	139.2	124.0	98.7	81.0	58.2	43.0	27.8	17.7	10.1	5.1	2.5
0°	141.8	126.6	101.3	83.5	60.8	45.6	30.4	17.7	10.1	5.1	2.5
-2.5°	144.3	129.1	106.3	86.1	63.3	48.1	32.9	17.7	10.1	5.1	2.5
-5°	146.8	129.1	111.4	88.6	65.8	48.1	32.9	20.3	12.7	5.1	2.5
-7.5°	149.4	131.6	113.9	91.1	68.4	48.1	35.4	20.3	12.7	7.6	2.5
-10°	151.9	134.2	116.4	93.7	68.4	50.6	35.4	20.3	12.7	7.6	2.5
-12.5°	154.4	136.7	116.4	93.7	70.9	50.6	35.4	22.8	12.7	7.6	2.5
-15°	157.0	136.7	116.4	93.7	70.9	53.2	38.0	22.8	12.7	7.6	5.1
-17.5°	157.0	136.7	116.4	96.2	70.9	53.2	38.0	22.8	12.7	7.6	5.1
-20°	157.0	136.7	116.4	96.2	70.9	53.2	38.0	22.8	12.7	7.6	5.1



REPORT NUMBER: P724043

CATALOG NUMBER: IFLD-S-SA2E-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°	154.4	134.2	116.4	93.7	70.9	53.2	38.0	22.8	15.2	7.6	5.1
-25°	154.4	134.2	116.4	93.7	70.9	53.2	35.4	22.8	15.2	7.6	5.1
-27.5°	151.9	134.2	113.9	91.1	68.4	50.6	35.4	22.8	15.2	7.6	5.1
-30°	149.4	131.6	111.4	88.6	68.4	50.6	35.4	22.8	15.2	7.6	5.1
-32.5°	146.8	126.6	108.9	86.1	65.8	48.1	35.4	22.8	15.2	7.6	5.1
-35°	141.8	124.0	103.8	83.5	63.3	48.1	32.9	22.8	15.2	10.1	5.1
-37.5°	136.7	119.0	101.3	81.0	60.8	45.6	32.9	22.8	15.2	10.1	5.1
-40°	131.6	116.4	96.2	75.9	58.2	43.0	32.9	22.8	15.2	10.1	7.6
-42.5°	126.6	111.4	93.7	73.4	58.2	43.0	30.4	22.8	15.2	10.1	7.6
-45°	124.0	108.9	88.6	70.9	55.7	43.0	30.4	20.3	15.2	10.1	7.6
-47.5°	119.0	101.3	83.5	68.4	53.2	40.5	27.8	20.3	15.2	10.1	7.6
-50°	111.4	96.2	81.0	65.8	50.6	38.0	27.8	20.3	15.2	10.1	7.6
-52.5°	103.8	88.6	75.9	60.8	48.1	38.0	27.8	20.3	15.2	10.1	7.6
-55°	96.2	83.5	70.9	58.2	45.6	35.4	25.3	20.3	15.2	10.1	7.6
-57.5°	91.1	78.5	65.8	53.2	43.0	32.9	25.3	17.7	12.7	10.1	7.6
-60°	86.1	73.4	60.8	50.6	40.5	32.9	25.3	17.7	12.7	10.1	5.1
-62.5°	78.5	68.4	55.7	48.1	38.0	30.4	22.8	17.7	12.7	10.1	5.1
-65°	70.9	60.8	50.6	43.0	35.4	27.8	22.8	17.7	12.7	10.1	5.1
-67.5°	63.3	55.7	48.1	40.5	32.9	27.8	22.8	17.7	12.7	7.6	5.1
-70°	58.2	50.6	43.0	38.0	32.9	25.3	22.8	17.7	12.7	7.6	5.1
-72.5°	50.6	45.6	40.5	35.4	30.4	27.8	22.8	17.7	10.1	7.6	5.1
-75°	48.1	43.0	38.0	35.4	32.9	27.8	22.8	15.2	10.1	7.6	5.1
-77.5°	48.1	43.0	40.5	38.0	32.9	27.8	20.3	12.7	7.6	7.6	5.1
-80°	48.1	45.6	43.0	35.4	30.4	22.8	15.2	12.7	7.6	5.1	2.5
-82.5°	43.0	35.4	30.4	25.3	22.8	17.7	12.7	10.1	5.1	5.1	2.5
-85°	27.8	22.8	20.3	17.7	15.2	12.7	7.6	5.1	5.1	2.5	2.5
-87.5°	12.7	12.7	10.1	7.6	7.6	5.1	5.1	2.5	2.5	2.5	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: P724043
 CATALOG NUMBER: IFLD-S-SA2E-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°	2.5	0.0	0.0	0.0
77.5°	2.5	0.0	0.0	0.0
75°	2.5	2.5	0.0	0.0
72.5°	2.5	2.5	0.0	0.0
70°	2.5	2.5	0.0	0.0
67.5°	2.5	2.5	0.0	0.0
65°	2.5	2.5	0.0	0.0
62.5°	2.5	2.5	0.0	0.0
60°	2.5	2.5	0.0	0.0
57.5°	2.5	2.5	2.5	0.0
55°	2.5	2.5	2.5	0.0
52.5°	2.5	2.5	2.5	0.0
50°	2.5	2.5	2.5	0.0
47.5°	2.5	2.5	2.5	0.0
45°	2.5	2.5	2.5	0.0
42.5°	2.5	2.5	2.5	0.0
40°	2.5	2.5	2.5	0.0
37.5°	2.5	2.5	2.5	0.0
35°	2.5	2.5	2.5	0.0
32.5°	2.5	2.5	2.5	0.0
30°	2.5	2.5	2.5	0.0
27.5°	2.5	2.5	2.5	0.0
25°	2.5	2.5	2.5	0.0
22.5°	2.5	2.5	2.5	0.0
20°	2.5	2.5	2.5	0.0
17.5°	2.5	2.5	2.5	0.0
15°	2.5	2.5	2.5	0.0
12.5°	2.5	2.5	2.5	0.0
10°	2.5	2.5	2.5	0.0
7.5°	2.5	2.5	2.5	0.0
5°	2.5	2.5	2.5	0.0
2.5°	2.5	2.5	2.5	0.0
0°	2.5	2.5	2.5	0.0
-2.5°	2.5	2.5	2.5	0.0
-5°	2.5	2.5	2.5	0.0
-7.5°	2.5	2.5	2.5	0.0
-10°	2.5	2.5	2.5	0.0
-12.5°	2.5	2.5	2.5	0.0
-15°	2.5	2.5	2.5	0.0
-17.5°	2.5	2.5	2.5	0.0
-20°	2.5	2.5	2.5	0.0



REPORT NUMBER: P724043
CATALOG NUMBER: IFLD-S-SA2E-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	2.5	2.5	2.5	0.0
-25°	2.5	2.5	2.5	0.0
-27.5°	2.5	2.5	2.5	0.0
-30°	2.5	2.5	2.5	0.0
-32.5°	2.5	2.5	2.5	0.0
-35°	2.5	2.5	2.5	0.0
-37.5°	2.5	2.5	2.5	0.0
-40°	2.5	2.5	2.5	0.0
-42.5°	2.5	2.5	2.5	0.0
-45°	2.5	2.5	2.5	0.0
-47.5°	2.5	2.5	2.5	0.0
-50°	2.5	2.5	2.5	0.0
-52.5°	2.5	2.5	2.5	0.0
-55°	2.5	2.5	2.5	0.0
-57.5°	2.5	2.5	2.5	0.0
-60°	2.5	2.5	0.0	0.0
-62.5°	2.5	2.5	0.0	0.0
-65°	2.5	2.5	0.0	0.0
-67.5°	2.5	2.5	0.0	0.0
-70°	2.5	2.5	0.0	0.0
-72.5°	2.5	2.5	0.0	0.0
-75°	2.5	2.5	0.0	0.0
-77.5°	2.5	0.0	0.0	0.0
-80°	2.5	0.0	0.0	0.0
-82.5°	2.5	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)