

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: P724040

Luminaire Tested: **IFLD-S-SA2B-727-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724040
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2B-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

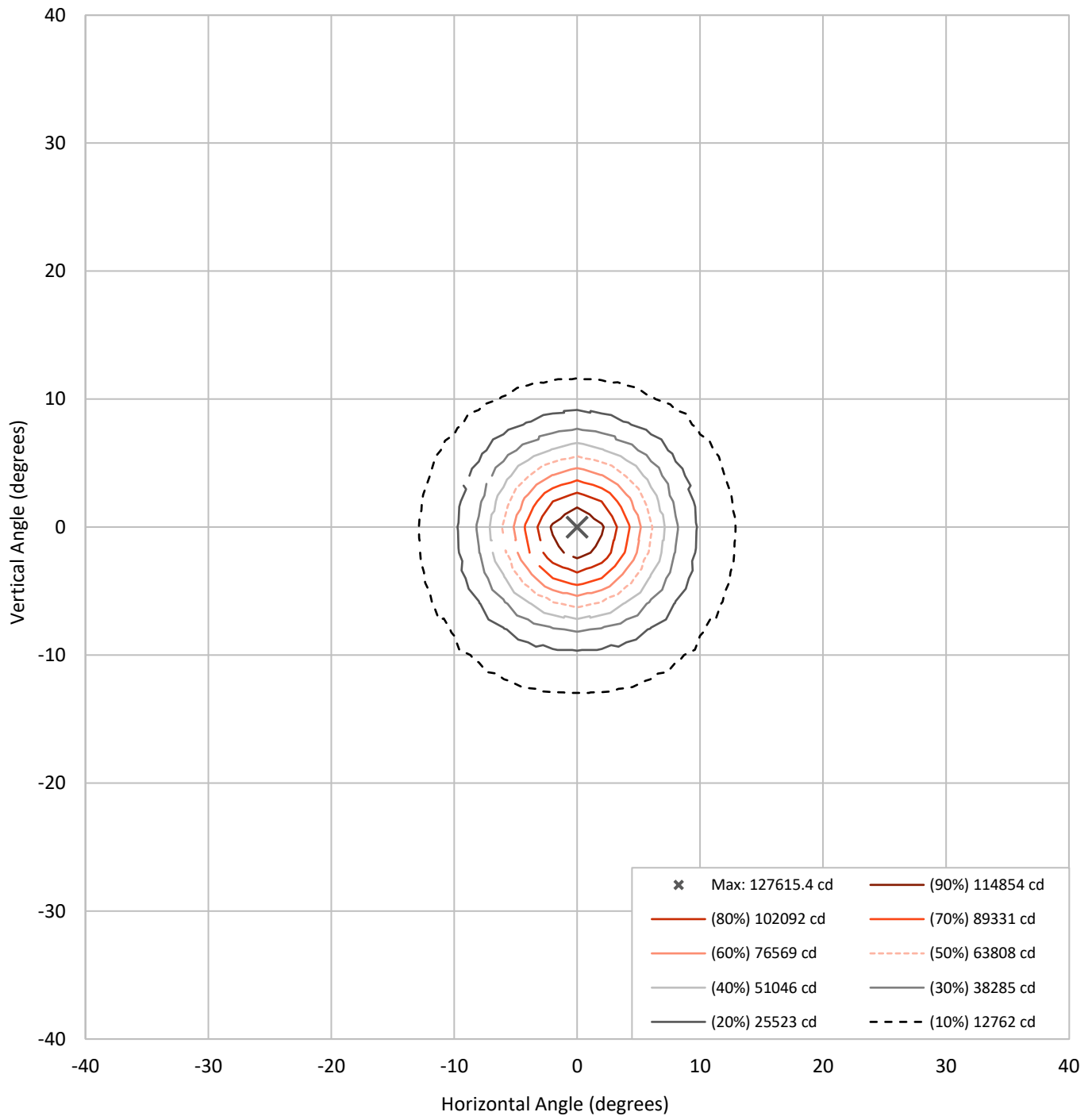
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	8914 lumens	Max Intensity:	127615.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	2788.7 lumens	Field Lumens:	6345.3 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 82.4
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





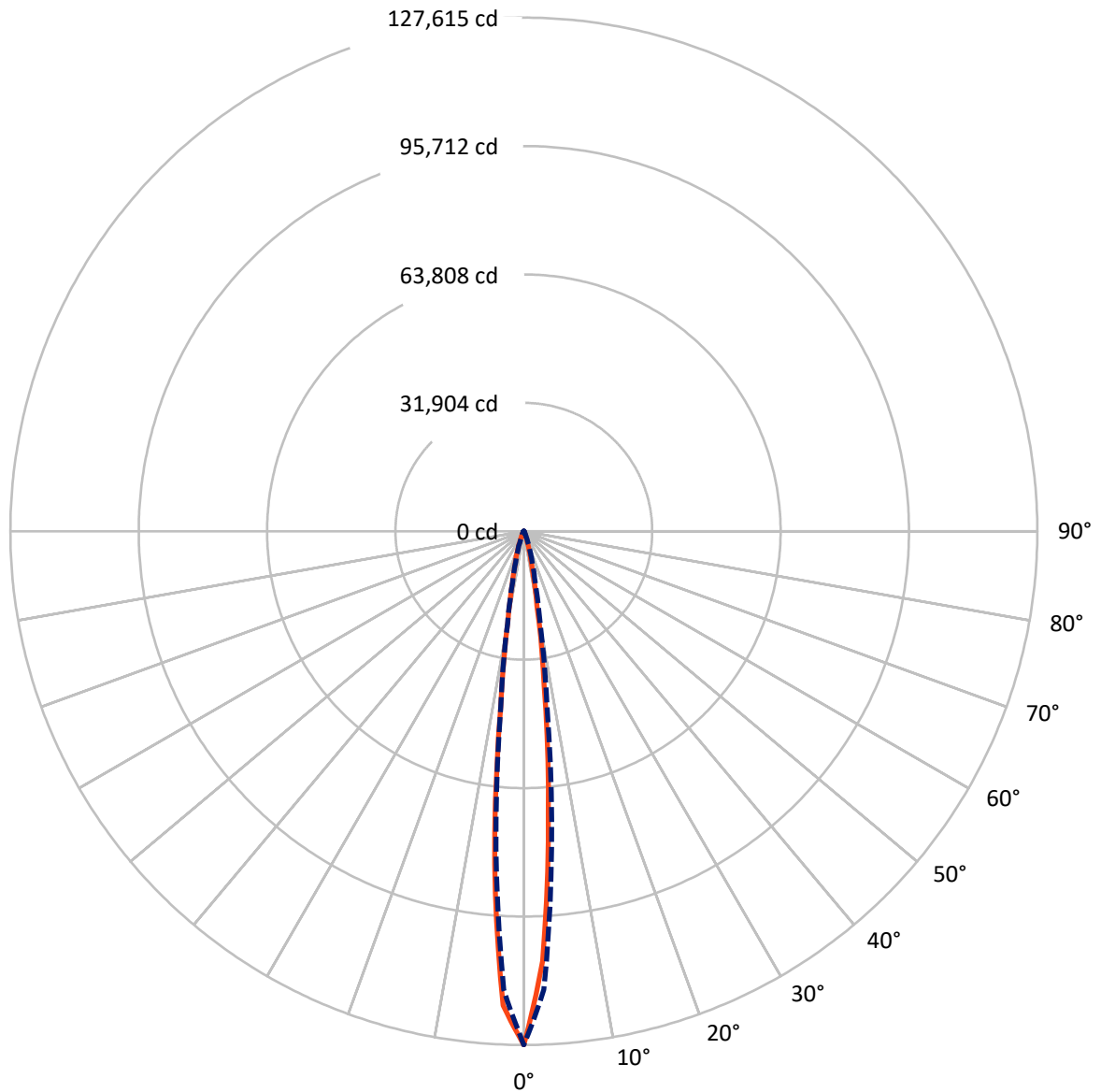
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Lumen Table

90	0.1	0.5		0.5		0.2		0.0		0.2		0.5		0.5		0.1
80	0.1	0.5		0.5		0.2		0.0		0.2		0.5		0.5		0.1
70	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
60		0.1	0.1	0.2	0.5	0.7	0.9	1.0	1.0	0.9	0.7	0.5	0.2	0.1	0.1	
50	0.1	0.1	0.3	0.7	1.3	1.8	2.4	2.8	2.8	2.4	1.8	1.3	0.7	0.3	0.1	0.1
40		0.1	0.6	1.3	2.3	3.6	5.4	6.5	6.5	5.4	3.6	2.3	1.3	0.6	0.1	
30	0.1	0.3	1.0	2.0	3.6	6.2	11.9	19.2	19.2	11.9	6.2	3.6	2.0	1.0	0.3	0.1
20		0.4	1.3	2.7	5.4	13.4	70.2	177.7	177.7	70.2	13.4	5.4	2.7	1.3	0.4	
10	0.1	0.5	1.5	3.2	6.6	27.3	226.2	1393.8	1393.8	226.2	27.3	6.6	3.2	1.5	0.5	0.1
0		0.6	1.7	3.3	6.9	31.1	248.9	1535.0	1535.0	248.9	31.1	6.9	3.3	1.7	0.6	
-10	0.2	0.6	1.7	3.3	6.5	18.7	111.7	269.2	269.2	111.7	18.7	6.5	3.3	1.7	0.6	0.2
-20		0.6	1.7	3.1	5.5	9.5	23.1	43.4	43.4	23.1	9.5	5.5	3.1	1.7	0.6	
-30	0.2	0.5	1.6	2.9	4.6	6.7	9.5	11.2	11.2	9.5	6.7	4.6	2.9	1.6	0.5	0.2
-40		0.5	1.4	2.6	4.0	5.2	6.6	7.4	7.4	6.6	5.2	4.0	2.6	1.4	0.5	
-50	0.2	0.4	1.1	2.2	3.5	4.6	5.6	6.1	6.1	5.6	4.6	3.5	2.2	1.1	0.4	0.2
-60		0.3	0.8	1.6	2.7	3.7	4.6	5.1	5.1	4.6	3.7	2.7	1.6	0.8	0.3	
-70	0.2	0.4	1.1	2.2	3.5	4.6	5.6	6.1	6.1	5.6	4.6	3.5	2.2	1.1	0.4	0.2
-80		0.3	0.8	1.6	2.7	3.7	4.6	5.1	5.1	4.6	3.7	2.7	1.6	0.8	0.3	
-90	0.1	1.2		3.3		6.2		7.4		6.2		3.3		1.2		0.1

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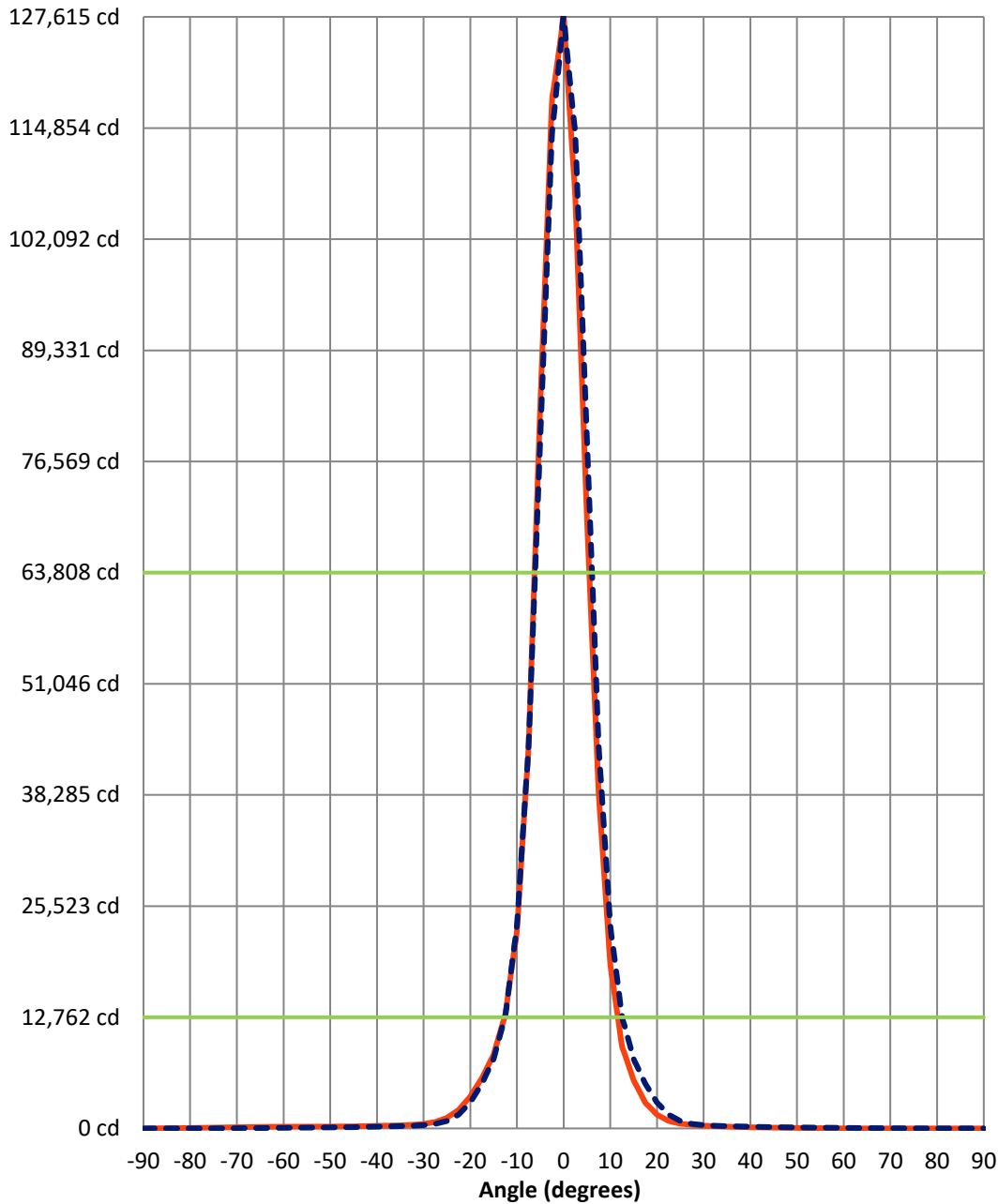
Luminous Intensity Polar Plot



— 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: 2788.7
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 6345.3
Efficiency: 71.2%

Spill:
Lumens: 2568.7
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	1.6	1.6
85°	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.6	1.6	3.2	3.2
82.5°	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.6	3.2	3.2	3.2
80°	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.6	3.2	3.2	3.2
77.5°	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.6	1.6	1.6	3.2
75°	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6
67.5°	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6
65°	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6
62.5°	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6
60°	3.2	3.2	3.2	3.2	4.8	4.8	6.4	6.4	6.4	3.2	6.4
57.5°	25.6	25.6	24.0	22.4	20.8	19.2	19.2	19.2	19.2	19.2	16.0
55°	35.1	35.1	35.1	33.5	33.5	31.9	30.3	28.7	28.7	27.1	25.6
52.5°	41.5	41.5	41.5	41.5	39.9	39.9	39.9	38.3	35.1	35.1	33.5
50°	59.1	57.5	57.5	57.5	57.5	54.3	52.7	49.5	47.9	46.3	44.7
47.5°	76.7	76.7	75.1	75.1	73.5	70.3	67.1	63.9	60.7	59.1	55.9
45°	91.0	91.0	89.4	89.4	87.8	84.6	79.8	75.1	71.9	68.7	65.5
42.5°	111.8	110.2	108.6	107.0	103.8	99.0	92.6	86.2	81.4	76.7	73.5
40°	134.1	134.1	132.5	131.0	126.2	121.4	113.4	105.4	97.4	87.8	83.0
37.5°	161.3	162.9	164.5	164.5	161.3	154.9	143.7	134.1	121.4	108.6	102.2
35°	210.8	210.8	214.0	214.0	209.2	201.2	193.2	172.5	156.5	140.5	126.2
32.5°	265.1	266.7	260.3	255.5	249.1	239.5	225.2	207.6	190.0	169.3	153.3
30°	317.8	317.8	309.8	300.2	287.5	271.5	253.9	234.8	214.0	193.2	174.1
27.5°	400.8	392.9	386.5	370.5	348.1	317.8	295.4	265.1	237.9	214.0	193.2
25°	538.2	536.6	522.2	495.1	450.3	402.4	365.7	314.6	273.1	236.4	212.4
22.5°	856.0	844.8	811.3	744.2	638.8	555.7	480.7	400.8	325.8	276.3	237.9
20°	1582.6	1545.9	1456.4	1271.2	1034.8	871.9	685.1	551.0	424.8	332.2	274.7
17.5°	2952.8	2928.8	2895.3	2467.3	1986.6	1641.7	1221.7	844.8	603.7	434.4	325.8
15°	5535.1	5357.8	4987.3	4474.7	3802.4	2938.4	2160.7	1363.8	862.4	578.1	413.6
12.5°	9462.0	9265.6	8309.0	7026.7	5817.8	4588.1	3221.1	2072.9	1228.1	734.6	490.3
10°	18853.8	17427.7	14749.6	11007.9	8591.7	6407.0	4522.6	2828.2	1598.6	927.8	581.3
7.5°	38616.3	33956.4	26166.3	18472.1	11956.5	8403.3	5776.2	3698.6	2130.4	1161.0	664.3
5°	69990.4	61722.9	46500.6	27999.7	17362.3	10532.0	6854.2	4398.1	2521.6	1351.0	747.4
2.5°	106870.8	96175.9	67227.6	38501.3	21409.0	12180.1	7608.0	4858.0	2770.7	1480.4	811.3
0°	127615.4	113993.3	79171.4	44079.6	23336.5	12879.6	7976.9	5134.3	2981.5	1585.8	852.8
-2.5°	117885.1	106918.7	72759.5	40946.3	22300.1	12572.9	8029.6	5202.9	3016.7	1614.5	871.9
-5°	83085.5	74085.0	50344.5	30216.3	18920.9	11581.2	7576.0	4944.2	2919.3	1573.0	864.0
-7.5°	43956.6	39884.3	29856.9	21712.4	13810.6	9802.2	6820.7	4485.9	2666.9	1461.2	816.1
-10°	22710.5	21875.3	18850.6	14209.8	11175.6	8211.6	5821.0	3835.9	2229.4	1258.4	734.6
-12.5°	13093.6	12951.4	11978.9	10282.9	8569.3	6745.6	4776.5	3128.5	1860.5	1042.8	619.6
-15°	8478.3	8539.0	8200.4	7494.6	6518.8	5048.0	3669.8	2326.8	1376.6	844.8	546.2
-17.5°	5785.8	5769.9	5611.8	5127.9	4342.2	3409.5	2432.2	1643.3	1042.8	658.0	453.5
-20°	3660.3	3666.6	3519.7	3186.0	2607.9	2101.6	1513.9	1108.3	739.4	517.4	400.8



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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°	2124.0	2128.8	2036.1	1847.7	1544.3	1245.6	983.7	733.0	544.6	431.2	351.3
-25°	1220.1	1200.9	1164.2	1073.2	931.0	768.1	653.2	515.8	436.0	365.7	321.0
-27.5°	739.4	726.6	707.5	667.5	611.6	530.2	477.5	416.8	370.5	329.0	301.8
-30°	515.8	520.6	504.6	483.9	458.3	421.6	392.9	364.1	333.8	308.2	282.7
-32.5°	410.4	413.6	405.6	397.6	384.9	370.5	352.9	332.2	308.2	284.3	260.3
-35°	352.9	354.5	354.5	352.9	349.7	338.6	325.8	306.6	284.3	261.9	241.1
-37.5°	324.2	325.8	325.8	324.2	319.4	309.8	297.0	281.1	260.3	239.5	223.6
-40°	293.8	295.4	293.8	290.6	285.9	276.3	266.7	253.9	237.9	220.4	206.0
-42.5°	265.1	263.5	261.9	258.7	253.9	247.5	239.5	230.0	218.8	206.0	194.8
-45°	237.9	237.9	236.4	234.8	231.6	226.8	222.0	214.0	206.0	196.4	186.8
-47.5°	223.6	223.6	222.0	220.4	218.8	215.6	210.8	204.4	198.0	190.0	182.1
-50°	214.0	214.0	214.0	212.4	210.8	207.6	202.8	198.0	191.6	183.7	175.7
-52.5°	207.6	207.6	207.6	206.0	204.4	202.8	198.0	191.6	183.7	177.3	170.9
-55°	204.4	202.8	202.8	201.2	199.6	198.0	191.6	185.2	178.9	172.5	166.1
-57.5°	199.6	198.0	198.0	196.4	194.8	193.2	186.8	180.5	174.1	166.1	161.3
-60°	194.8	193.2	193.2	190.0	188.4	186.8	180.5	174.1	167.7	161.3	154.9
-62.5°	188.4	186.8	185.2	183.7	180.5	177.3	172.5	166.1	158.1	151.7	145.3
-65°	174.1	172.5	170.9	169.3	167.7	166.1	161.3	153.3	146.9	140.5	134.1
-67.5°	156.5	156.5	156.5	153.3	151.7	148.5	145.3	138.9	132.5	126.2	121.4
-70°	135.7	135.7	135.7	132.5	131.0	129.4	124.6	119.8	115.0	110.2	103.8
-72.5°	115.0	113.4	113.4	111.8	108.6	107.0	103.8	100.6	95.8	92.6	87.8
-75°	94.2	92.6	92.6	91.0	89.4	87.8	84.6	83.0	79.8	76.7	71.9
-77.5°	75.1	75.1	75.1	73.5	71.9	70.3	68.7	67.1	65.5	62.3	59.1
-80°	57.5	57.5	57.5	57.5	57.5	57.5	57.5	55.9	52.7	51.1	49.5
-82.5°	41.5	43.1	43.1	43.1	43.1	43.1	43.1	43.1	41.5	39.9	38.3
-85°	27.1	28.7	28.7	30.3	31.9	31.9	33.5	31.9	30.3	27.1	25.6
-87.5°	14.4	14.4	14.4	14.4	14.4	14.4	14.4	12.8	12.8	12.8	11.2
-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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.2	3.2	3.2
85°	3.2	3.2	3.2	3.2	4.8	4.8	4.8	6.4	6.4	6.4	6.4
82.5°	3.2	4.8	4.8	4.8	6.4	6.4	8.0	9.6	12.8	14.4	14.4
80°	3.2	4.8	4.8	4.8	6.4	6.4	8.0	8.0	9.6	11.2	14.4
77.5°	3.2	3.2	4.8	4.8	4.8	6.4	6.4	8.0	8.0	9.6	11.2
75°	1.6	3.2	3.2	3.2	4.8	4.8	6.4	6.4	8.0	8.0	9.6
72.5°	1.6	3.2	3.2	3.2	4.8	4.8	6.4	6.4	6.4	8.0	8.0
70°	1.6	3.2	3.2	3.2	3.2	4.8	4.8	4.8	6.4	6.4	6.4
67.5°	1.6	1.6	1.6	3.2	3.2	3.2	3.2	4.8	4.8	4.8	6.4
65°	1.6	1.6	1.6	1.6	3.2	3.2	3.2	3.2	4.8	4.8	4.8
62.5°	1.6	1.6	1.6	3.2	3.2	3.2	3.2	3.2	4.8	4.8	4.8
60°	6.4	6.4	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
57.5°	14.4	14.4	12.8	11.2	9.6	9.6	8.0	6.4	6.4	4.8	4.8
55°	24.0	22.4	20.8	17.6	16.0	14.4	12.8	9.6	8.0	6.4	4.8
52.5°	30.3	28.7	27.1	25.6	22.4	19.2	17.6	16.0	12.8	9.6	8.0
50°	44.7	39.9	36.7	33.5	30.3	27.1	24.0	22.4	17.6	14.4	11.2
47.5°	54.3	51.1	46.3	43.1	39.9	35.1	30.3	27.1	24.0	19.2	14.4
45°	62.3	59.1	54.3	51.1	47.9	43.1	38.3	33.5	30.3	25.6	19.2
42.5°	70.3	67.1	62.3	59.1	54.3	49.5	44.7	39.9	35.1	31.9	25.6
40°	81.4	76.7	70.3	67.1	63.9	57.5	51.1	46.3	41.5	36.7	30.3
37.5°	95.8	91.0	83.0	76.7	71.9	67.1	60.7	54.3	49.5	43.1	36.7
35°	118.2	110.2	99.0	89.4	83.0	76.7	68.7	62.3	55.9	49.5	43.1
32.5°	140.5	127.8	113.4	102.2	92.6	84.6	76.7	70.3	62.3	54.3	47.9
30°	158.1	143.7	129.4	113.4	102.2	92.6	84.6	76.7	68.7	60.7	52.7
27.5°	175.7	159.7	143.7	127.8	111.8	99.0	91.0	83.0	75.1	67.1	57.5
25°	193.2	175.7	159.7	142.1	123.0	108.6	97.4	91.0	83.0	73.5	62.3
22.5°	209.2	193.2	177.3	158.1	135.7	116.6	105.4	97.4	89.4	78.3	68.7
20°	239.5	218.8	199.6	175.7	150.1	131.0	116.6	105.4	95.8	84.6	73.5
17.5°	279.5	249.1	223.6	196.4	170.9	146.9	126.2	113.4	103.8	91.0	78.3
15°	330.6	277.9	245.9	218.8	188.4	161.3	138.9	121.4	108.6	95.8	84.6
12.5°	368.9	300.2	265.1	239.5	207.6	177.3	148.5	127.8	113.4	100.6	87.8
10°	412.0	324.2	281.1	252.3	218.8	185.2	154.9	132.5	116.6	105.4	92.6
7.5°	447.2	343.3	289.1	257.1	225.2	191.6	161.3	137.3	121.4	108.6	95.8
5°	479.1	359.3	295.4	258.7	228.4	196.4	164.5	140.5	124.6	111.8	99.0
2.5°	501.4	373.7	301.8	261.9	231.6	199.6	169.3	143.7	127.8	115.0	102.2
0°	520.6	378.5	300.2	261.9	233.2	199.6	170.9	145.3	129.4	116.6	103.8
-2.5°	527.0	386.5	308.2	265.1	236.4	202.8	174.1	146.9	131.0	118.2	107.0
-5°	527.0	380.1	308.2	268.3	237.9	204.4	174.1	148.5	132.5	119.8	107.0
-7.5°	507.8	370.5	306.6	271.5	239.5	206.0	174.1	150.1	134.1	121.4	108.6
-10°	474.3	356.1	305.0	273.1	239.5	204.4	174.1	150.1	134.1	121.4	110.2
-12.5°	420.0	337.0	297.0	269.9	236.4	201.2	172.5	150.1	134.1	123.0	110.2
-15°	392.9	321.0	287.5	260.3	228.4	196.4	169.3	148.5	134.1	123.0	111.8
-17.5°	356.1	308.2	277.9	250.7	222.0	191.6	166.1	148.5	134.1	121.4	111.8
-20°	330.6	293.8	266.7	242.7	214.0	186.8	164.5	146.9	134.1	121.4	111.8



REPORT NUMBER: P724040
 CATALOG NUMBER: IFLD-S-SA2B-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°	308.2	277.9	253.9	230.0	204.4	180.5	161.3	145.3	132.5	121.4	111.8
-25°	290.6	263.5	241.1	218.8	196.4	175.7	158.1	143.7	131.0	121.4	110.2
-27.5°	274.7	249.1	228.4	207.6	186.8	170.9	154.9	142.1	131.0	119.8	108.6
-30°	257.1	236.4	215.6	196.4	182.1	166.1	151.7	138.9	129.4	118.2	107.0
-32.5°	239.5	220.4	202.8	188.4	175.7	162.9	150.1	137.3	126.2	115.0	103.8
-35°	223.6	206.0	193.2	180.5	170.9	159.7	146.9	134.1	124.6	113.4	103.8
-37.5°	207.6	194.8	183.7	174.1	164.5	154.9	142.1	131.0	121.4	110.2	99.0
-40°	194.8	185.2	177.3	169.3	159.7	148.5	138.9	127.8	118.2	107.0	94.2
-42.5°	186.8	178.9	170.9	162.9	154.9	145.3	135.7	124.6	115.0	103.8	91.0
-45°	178.9	172.5	166.1	159.7	151.7	142.1	131.0	119.8	110.2	99.0	89.4
-47.5°	174.1	167.7	161.3	156.5	150.1	137.3	127.8	116.6	105.4	95.8	84.6
-50°	169.3	162.9	158.1	151.7	143.7	132.5	123.0	111.8	102.2	91.0	81.4
-52.5°	164.5	158.1	151.7	145.3	137.3	127.8	118.2	108.6	97.4	86.2	76.7
-55°	159.7	153.3	146.9	140.5	132.5	124.6	115.0	102.2	91.0	79.8	70.3
-57.5°	154.9	150.1	142.1	134.1	126.2	118.2	107.0	95.8	84.6	73.5	65.5
-60°	148.5	142.1	135.7	126.2	118.2	108.6	99.0	89.4	78.3	68.7	60.7
-62.5°	138.9	132.5	126.2	116.6	108.6	100.6	92.6	81.4	73.5	63.9	55.9
-65°	127.8	121.4	115.0	107.0	99.0	91.0	84.6	75.1	67.1	59.1	52.7
-67.5°	115.0	108.6	103.8	95.8	89.4	81.4	75.1	67.1	59.1	52.7	46.3
-70°	99.0	94.2	89.4	83.0	76.7	70.3	63.9	57.5	51.1	46.3	39.9
-72.5°	84.6	79.8	75.1	70.3	65.5	59.1	54.3	49.5	44.7	39.9	36.7
-75°	68.7	65.5	62.3	59.1	54.3	49.5	46.3	41.5	38.3	35.1	33.5
-77.5°	57.5	54.3	51.1	47.9	44.7	41.5	38.3	35.1	33.5	31.9	30.3
-80°	46.3	44.7	43.1	39.9	38.3	35.1	33.5	30.3	30.3	30.3	30.3
-82.5°	36.7	35.1	33.5	31.9	30.3	28.7	28.7	27.1	28.7	28.7	27.1
-85°	25.6	24.0	22.4	22.4	20.8	20.8	19.2	19.2	19.2	17.6	17.6
-87.5°	11.2	11.2	11.2	11.2	9.6	9.6	9.6	9.6	9.6	8.0	8.0
-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: P724040
 CATALOG NUMBER: IFLD-S-SA2B-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°	3.2	3.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.0	0.0
85°	6.4	6.4	4.8	4.8	4.8	3.2	3.2	1.6	1.6	1.6	1.6
82.5°	14.4	12.8	11.2	9.6	8.0	6.4	4.8	3.2	3.2	1.6	1.6
80°	17.6	17.6	17.6	16.0	12.8	9.6	6.4	4.8	3.2	1.6	1.6
77.5°	12.8	12.8	14.4	16.0	16.0	12.8	8.0	4.8	3.2	3.2	1.6
75°	9.6	9.6	9.6	11.2	12.8	12.8	9.6	6.4	3.2	3.2	1.6
72.5°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	6.4	4.8	3.2	3.2
70°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.4	4.8	3.2	3.2
67.5°	6.4	6.4	8.0	8.0	8.0	6.4	6.4	6.4	4.8	3.2	3.2
65°	4.8	6.4	6.4	8.0	6.4	6.4	6.4	4.8	4.8	3.2	3.2
62.5°	4.8	4.8	6.4	6.4	6.4	6.4	4.8	4.8	4.8	3.2	3.2
60°	4.8	4.8	4.8	6.4	4.8	4.8	4.8	4.8	4.8	3.2	3.2
57.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.2	3.2	3.2	3.2
55°	4.8	4.8	4.8	4.8	4.8	4.8	3.2	3.2	3.2	3.2	3.2
52.5°	6.4	4.8	4.8	4.8	4.8	4.8	3.2	3.2	3.2	3.2	3.2
50°	8.0	4.8	4.8	4.8	4.8	3.2	3.2	3.2	3.2	3.2	3.2
47.5°	11.2	8.0	6.4	4.8	4.8	3.2	3.2	3.2	3.2	3.2	1.6
45°	16.0	11.2	8.0	6.4	4.8	3.2	3.2	3.2	3.2	3.2	1.6
42.5°	19.2	14.4	9.6	8.0	6.4	4.8	3.2	3.2	3.2	1.6	1.6
40°	24.0	19.2	12.8	9.6	6.4	4.8	3.2	3.2	3.2	1.6	1.6
37.5°	30.3	24.0	16.0	11.2	8.0	4.8	4.8	3.2	3.2	1.6	1.6
35°	35.1	27.1	20.8	12.8	9.6	6.4	4.8	3.2	3.2	1.6	1.6
32.5°	39.9	31.9	25.6	16.0	11.2	8.0	6.4	3.2	3.2	1.6	1.6
30°	44.7	36.7	28.7	20.8	14.4	9.6	6.4	3.2	3.2	1.6	1.6
27.5°	49.5	39.9	31.9	24.0	16.0	11.2	8.0	4.8	3.2	1.6	1.6
25°	54.3	44.7	35.1	27.1	17.6	12.8	8.0	4.8	3.2	3.2	1.6
22.5°	57.5	49.5	39.9	30.3	20.8	14.4	9.6	6.4	3.2	3.2	1.6
20°	62.3	54.3	43.1	33.5	24.0	16.0	9.6	6.4	3.2	3.2	1.6
17.5°	67.1	57.5	46.3	36.7	27.1	17.6	11.2	8.0	3.2	3.2	1.6
15°	71.9	60.7	49.5	38.3	28.7	19.2	11.2	8.0	3.2	3.2	1.6
12.5°	76.7	65.5	52.7	41.5	30.3	20.8	12.8	9.6	4.8	3.2	1.6
10°	79.8	68.7	55.9	43.1	31.9	24.0	14.4	9.6	4.8	3.2	1.6
7.5°	84.6	71.9	59.1	46.3	33.5	25.6	16.0	9.6	4.8	3.2	1.6
5°	86.2	75.1	60.7	49.5	35.1	27.1	17.6	11.2	4.8	3.2	1.6
2.5°	87.8	78.3	62.3	51.1	36.7	27.1	17.6	11.2	6.4	3.2	1.6
0°	89.4	79.8	63.9	52.7	38.3	28.7	19.2	11.2	6.4	3.2	1.6
-2.5°	91.0	81.4	67.1	54.3	39.9	30.3	20.8	11.2	6.4	3.2	1.6
-5°	92.6	81.4	70.3	55.9	41.5	30.3	20.8	12.8	8.0	3.2	1.6
-7.5°	94.2	83.0	71.9	57.5	43.1	30.3	22.4	12.8	8.0	4.8	1.6
-10°	95.8	84.6	73.5	59.1	43.1	31.9	22.4	12.8	8.0	4.8	1.6
-12.5°	97.4	86.2	73.5	59.1	44.7	31.9	22.4	14.4	8.0	4.8	1.6
-15°	99.0	86.2	73.5	59.1	44.7	33.5	24.0	14.4	8.0	4.8	3.2
-17.5°	99.0	86.2	73.5	60.7	44.7	33.5	24.0	14.4	8.0	4.8	3.2
-20°	99.0	86.2	73.5	60.7	44.7	33.5	24.0	14.4	8.0	4.8	3.2



REPORT NUMBER: P724040

CATALOG NUMBER: IFLD-S-SA2B-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°	97.4	84.6	73.5	59.1	44.7	33.5	24.0	14.4	9.6	4.8	3.2
-25°	97.4	84.6	73.5	59.1	44.7	33.5	22.4	14.4	9.6	4.8	3.2
-27.5°	95.8	84.6	71.9	57.5	43.1	31.9	22.4	14.4	9.6	4.8	3.2
-30°	94.2	83.0	70.3	55.9	43.1	31.9	22.4	14.4	9.6	4.8	3.2
-32.5°	92.6	79.8	68.7	54.3	41.5	30.3	22.4	14.4	9.6	4.8	3.2
-35°	89.4	78.3	65.5	52.7	39.9	30.3	20.8	14.4	9.6	6.4	3.2
-37.5°	86.2	75.1	63.9	51.1	38.3	28.7	20.8	14.4	9.6	6.4	3.2
-40°	83.0	73.5	60.7	47.9	36.7	27.1	20.8	14.4	9.6	6.4	4.8
-42.5°	79.8	70.3	59.1	46.3	36.7	27.1	19.2	14.4	9.6	6.4	4.8
-45°	78.3	68.7	55.9	44.7	35.1	27.1	19.2	12.8	9.6	6.4	4.8
-47.5°	75.1	63.9	52.7	43.1	33.5	25.6	17.6	12.8	9.6	6.4	4.8
-50°	70.3	60.7	51.1	41.5	31.9	24.0	17.6	12.8	9.6	6.4	4.8
-52.5°	65.5	55.9	47.9	38.3	30.3	24.0	17.6	12.8	9.6	6.4	4.8
-55°	60.7	52.7	44.7	36.7	28.7	22.4	16.0	12.8	9.6	6.4	4.8
-57.5°	57.5	49.5	41.5	33.5	27.1	20.8	16.0	11.2	8.0	6.4	4.8
-60°	54.3	46.3	38.3	31.9	25.6	20.8	16.0	11.2	8.0	6.4	3.2
-62.5°	49.5	43.1	35.1	30.3	24.0	19.2	14.4	11.2	8.0	6.4	3.2
-65°	44.7	38.3	31.9	27.1	22.4	17.6	14.4	11.2	8.0	6.4	3.2
-67.5°	39.9	35.1	30.3	25.6	20.8	17.6	14.4	11.2	8.0	4.8	3.2
-70°	36.7	31.9	27.1	24.0	20.8	16.0	14.4	11.2	8.0	4.8	3.2
-72.5°	31.9	28.7	25.6	22.4	19.2	17.6	14.4	11.2	6.4	4.8	3.2
-75°	30.3	27.1	24.0	22.4	20.8	17.6	14.4	9.6	6.4	4.8	3.2
-77.5°	30.3	27.1	25.6	24.0	20.8	17.6	12.8	8.0	4.8	4.8	3.2
-80°	30.3	28.7	27.1	22.4	19.2	14.4	9.6	8.0	4.8	3.2	1.6
-82.5°	27.1	22.4	19.2	16.0	14.4	11.2	8.0	6.4	3.2	3.2	1.6
-85°	17.6	14.4	12.8	11.2	9.6	8.0	4.8	3.2	3.2	1.6	1.6
-87.5°	8.0	8.0	6.4	4.8	4.8	3.2	3.2	1.6	1.6	1.6	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: P724040
 CATALOG NUMBER: IFLD-S-SA2B-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°	1.6	0.0	0.0	0.0
77.5°	1.6	0.0	0.0	0.0
75°	1.6	1.6	0.0	0.0
72.5°	1.6	1.6	0.0	0.0
70°	1.6	1.6	0.0	0.0
67.5°	1.6	1.6	0.0	0.0
65°	1.6	1.6	0.0	0.0
62.5°	1.6	1.6	0.0	0.0
60°	1.6	1.6	0.0	0.0
57.5°	1.6	1.6	1.6	0.0
55°	1.6	1.6	1.6	0.0
52.5°	1.6	1.6	1.6	0.0
50°	1.6	1.6	1.6	0.0
47.5°	1.6	1.6	1.6	0.0
45°	1.6	1.6	1.6	0.0
42.5°	1.6	1.6	1.6	0.0
40°	1.6	1.6	1.6	0.0
37.5°	1.6	1.6	1.6	0.0
35°	1.6	1.6	1.6	0.0
32.5°	1.6	1.6	1.6	0.0
30°	1.6	1.6	1.6	0.0
27.5°	1.6	1.6	1.6	0.0
25°	1.6	1.6	1.6	0.0
22.5°	1.6	1.6	1.6	0.0
20°	1.6	1.6	1.6	0.0
17.5°	1.6	1.6	1.6	0.0
15°	1.6	1.6	1.6	0.0
12.5°	1.6	1.6	1.6	0.0
10°	1.6	1.6	1.6	0.0
7.5°	1.6	1.6	1.6	0.0
5°	1.6	1.6	1.6	0.0
2.5°	1.6	1.6	1.6	0.0
0°	1.6	1.6	1.6	0.0
-2.5°	1.6	1.6	1.6	0.0
-5°	1.6	1.6	1.6	0.0
-7.5°	1.6	1.6	1.6	0.0
-10°	1.6	1.6	1.6	0.0
-12.5°	1.6	1.6	1.6	0.0
-15°	1.6	1.6	1.6	0.0
-17.5°	1.6	1.6	1.6	0.0
-20°	1.6	1.6	1.6	0.0



REPORT NUMBER: P724040

CATALOG NUMBER: IFLD-S-SA2B-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	1.6	1.6	1.6	0.0
-25°	1.6	1.6	1.6	0.0
-27.5°	1.6	1.6	1.6	0.0
-30°	1.6	1.6	1.6	0.0
-32.5°	1.6	1.6	1.6	0.0
-35°	1.6	1.6	1.6	0.0
-37.5°	1.6	1.6	1.6	0.0
-40°	1.6	1.6	1.6	0.0
-42.5°	1.6	1.6	1.6	0.0
-45°	1.6	1.6	1.6	0.0
-47.5°	1.6	1.6	1.6	0.0
-50°	1.6	1.6	1.6	0.0
-52.5°	1.6	1.6	1.6	0.0
-55°	1.6	1.6	1.6	0.0
-57.5°	1.6	1.6	1.6	0.0
-60°	1.6	1.6	0.0	0.0
-62.5°	1.6	1.6	0.0	0.0
-65°	1.6	1.6	0.0	0.0
-67.5°	1.6	1.6	0.0	0.0
-70°	1.6	1.6	0.0	0.0
-72.5°	1.6	1.6	0.0	0.0
-75°	1.6	1.6	0.0	0.0
-77.5°	1.6	0.0	0.0	0.0
-80°	1.6	0.0	0.0	0.0
-82.5°	1.6	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)