

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: P724103

Luminaire Tested: **IFLD-S-SA3B-735-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724103  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3B-735-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (48) 3500K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

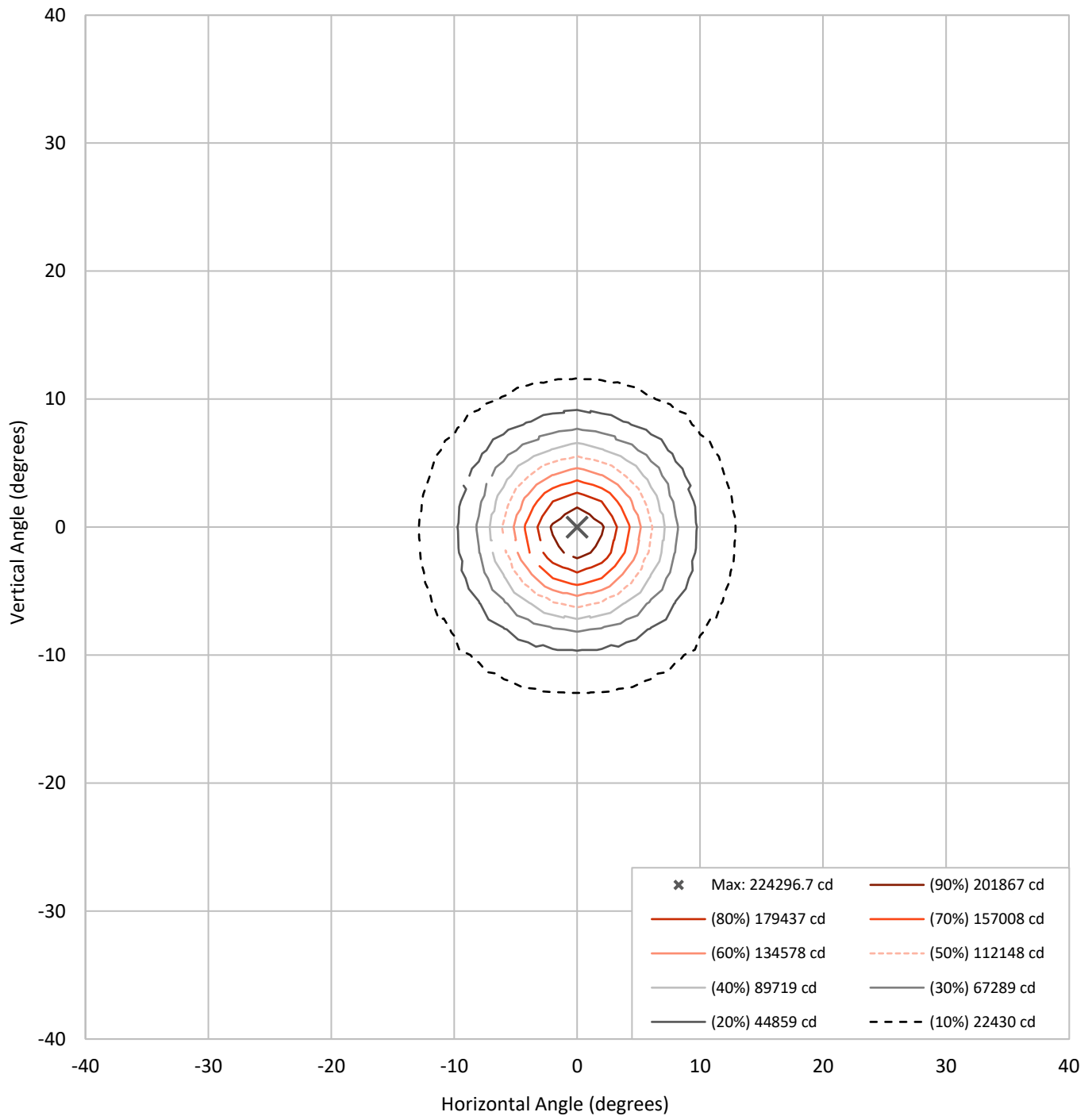
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	15667.2 lumens	Max Intensity:	224296.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	128.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4901.4 lumens	Field Lumens:	11152.5 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 122.4  
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





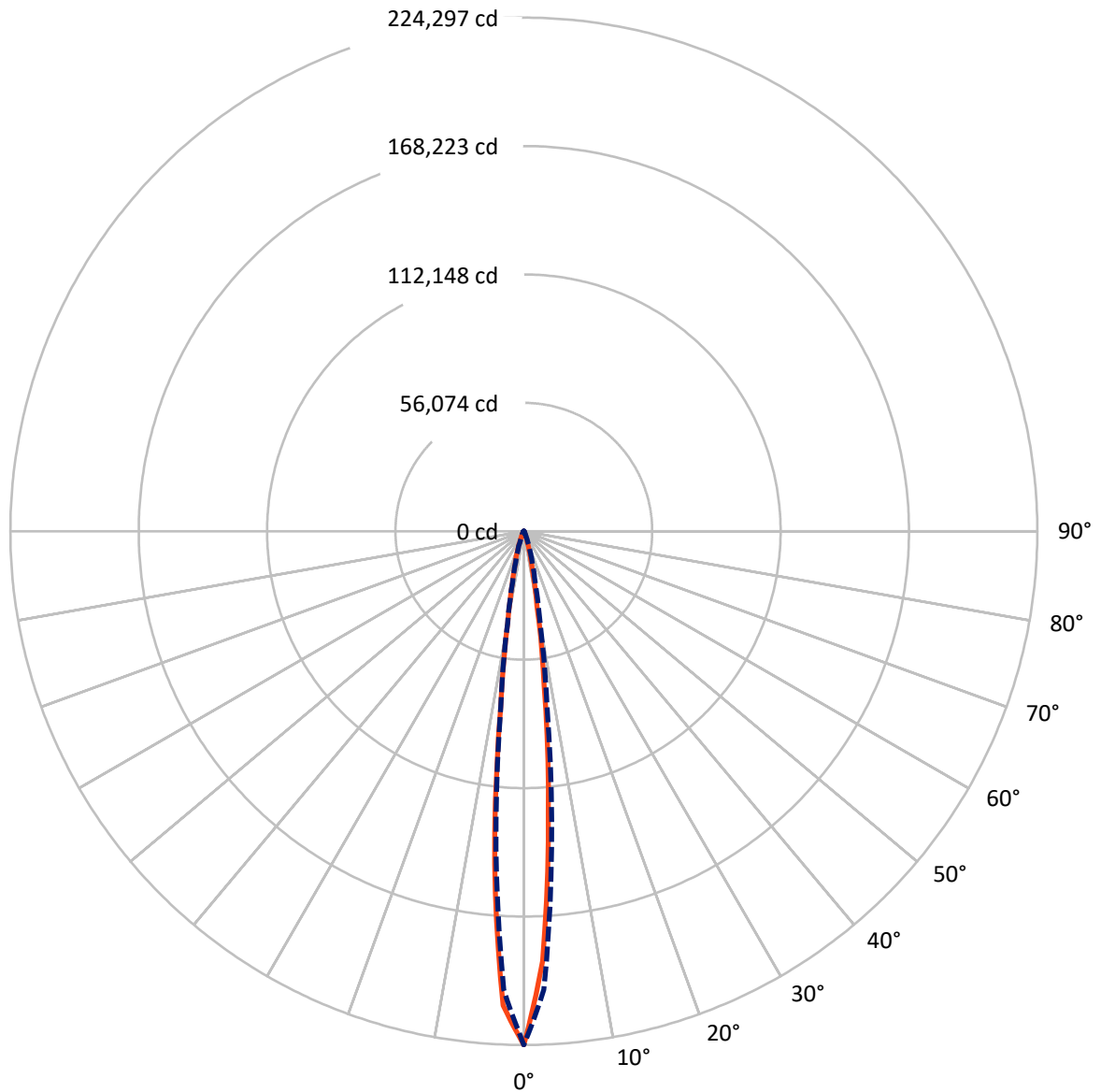
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### Lumen Table

90	0.1	0.9	0.8	0.4	0.0	0.4	0.8	0.9	0.1										
80	0.1	0.9	0.8	0.4	0.0	0.4	0.8	0.9	0.1										
70	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.1			
60		0.1	0.2	0.4	0.8	1.2	1.5	1.7	1.7	1.5	1.2	0.8	0.4	0.2	0.1				
50	0.1	0.1	0.5	1.3	2.2	3.2	4.2	4.9	4.9	4.2	3.2	2.2	1.3	0.5	0.1	0.1			
40		0.3	1.1	2.4	4.0	6.3	9.5	11.4	11.4	9.5	6.3	4.0	2.4	1.1	0.3				
30	0.2	0.5	1.7	3.4	6.3	10.8	20.9	33.7	33.7	20.9	10.8	6.3	3.4	1.7	0.5	0.2			
20		0.7	2.2	4.7	9.5	23.6	123.4	312.3	312.3	123.4	23.6	9.5	4.7	2.2	0.7				
10	0.3	0.9	2.7	5.5	11.6	48.0	397.5	2449.8	2449.8	397.5	48.0	11.6	5.5	2.7	0.9	0.3			
0		1.0	2.9	5.9	12.1	54.7	437.5	2697.9	2697.9	437.5	54.7	12.1	5.9	2.9	1.0				
-10	0.3	1.1	3.0	5.8	11.4	32.8	196.3	473.2	473.2	196.3	32.8	11.4	5.8	3.0	1.1	0.3			
-20		1.1	3.0	5.5	9.6	16.7	40.6	76.2	76.2	40.6	16.7	9.6	5.5	3.0	1.1				
-30	0.3	1.0	2.8	5.1	8.0	11.8	16.7	19.7	19.7	16.7	11.8	8.0	5.1	2.8	1.0	0.3			
-40		0.8	2.4	4.6	7.0	9.2	11.7	12.9	12.9	11.7	9.2	7.0	4.6	2.4	0.8				
-50	0.3	0.7	1.9	3.9	6.1	8.0	9.9	10.8	10.8	9.9	8.0	6.1	3.9	1.9	0.7	0.3			
-60		0.5	1.4	2.8	4.7	6.4	8.1	9.0	9.0	8.1	6.4	4.7	2.8	1.4	0.5				
-70	0.2	0.2	0.9	0.8	0.4	0.0	0.4	0.8	0.9	0.1	0.1	0.1	0.2	0.2	0.2	0.1			
-80		0.2	2.1	5.9	10.8	13.1	10.8	5.9	2.1	0.2									
-90	0.2	2.1	5.9	10.8	13.1	10.8	5.9	2.1	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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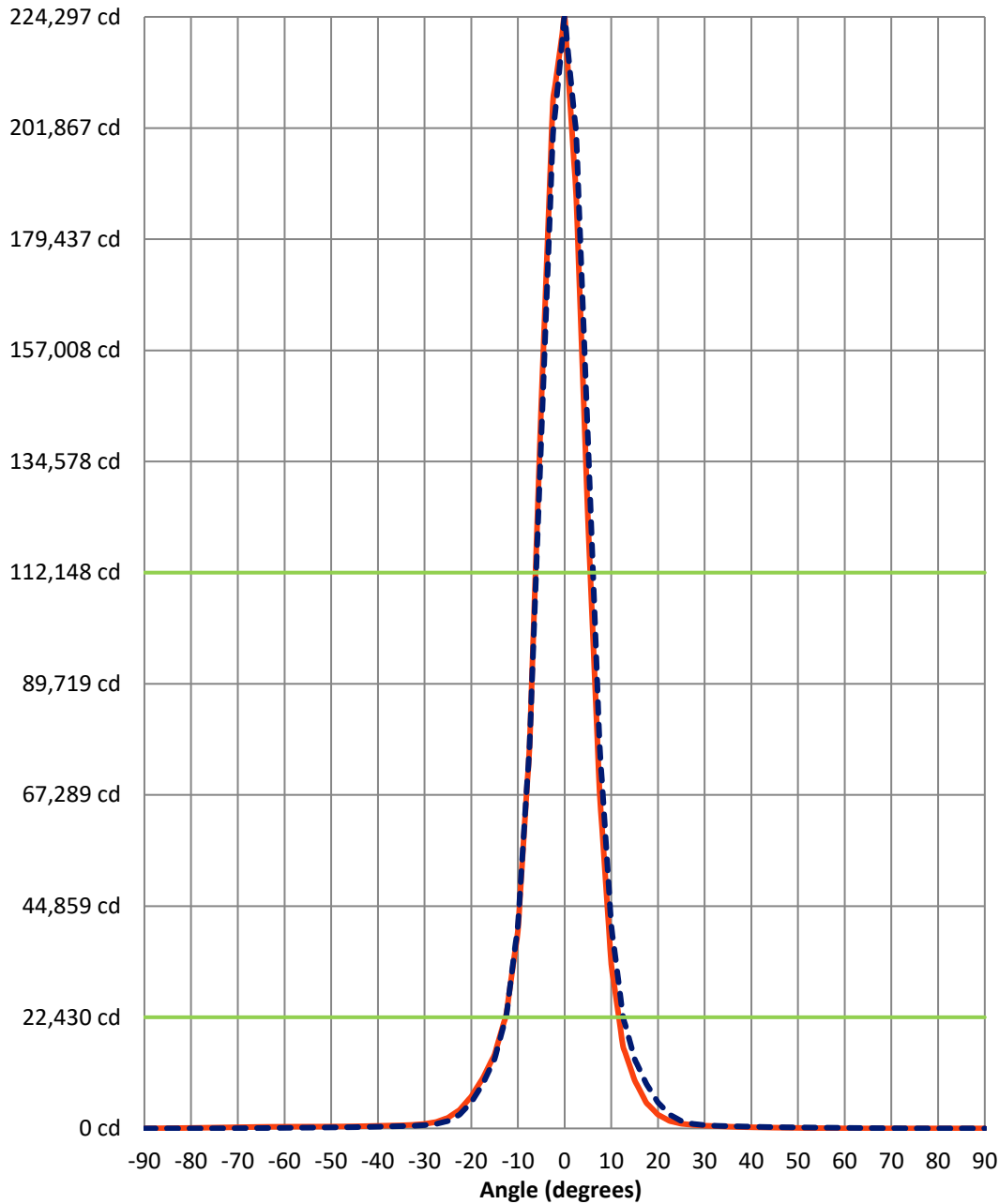
### Luminous Intensity Polar Plot



— 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: 4901.4  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 11152.5  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 4514.7  
 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	2.8	2.8
85°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	5.6	5.6
82.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	5.6	5.6	5.6
80°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	5.6	5.6	5.6
77.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	5.6
75°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
70°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
67.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
65°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
62.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
60°	5.6	5.6	5.6	5.6	8.4	8.4	11.2	11.2	11.2	5.6	11.2
57.5°	44.9	44.9	42.1	39.3	36.5	33.7	33.7	33.7	33.7	33.7	28.1
55°	61.8	61.8	61.8	58.9	58.9	56.1	53.3	50.5	50.5	47.7	44.9
52.5°	73.0	73.0	73.0	73.0	70.2	70.2	70.2	67.4	61.8	61.8	58.9
50°	103.9	101.0	101.0	101.0	101.0	95.4	92.6	87.0	84.2	81.4	78.6
47.5°	134.7	134.7	131.9	131.9	129.1	123.5	117.9	112.3	106.7	103.9	98.2
45°	160.0	160.0	157.2	157.2	154.4	148.8	140.3	131.9	126.3	120.7	115.1
42.5°	196.5	193.7	190.9	188.1	182.4	174.0	162.8	151.6	143.1	134.7	129.1
40°	235.8	235.8	233.0	230.2	221.7	213.3	199.3	185.3	171.2	154.4	146.0
37.5°	283.5	286.3	289.1	289.1	283.5	272.3	252.6	235.8	213.3	190.9	179.6
35°	370.5	370.5	376.1	376.1	367.7	353.7	339.6	303.1	275.1	247.0	221.7
32.5°	465.9	468.7	457.5	449.1	437.9	421.0	395.8	364.9	334.0	297.5	269.5
30°	558.6	558.6	544.5	527.7	505.2	477.2	446.3	412.6	376.1	339.6	305.9
27.5°	704.5	690.5	679.3	651.2	611.9	558.6	519.3	465.9	418.2	376.1	339.6
25°	945.9	943.1	917.8	870.1	791.5	707.3	642.8	552.9	480.0	415.4	373.3
22.5°	1504.5	1484.8	1425.9	1308.0	1122.7	976.8	844.9	704.5	572.6	485.6	418.2
20°	2781.6	2717.0	2559.8	2234.2	1818.8	1532.5	1204.1	968.4	746.6	583.8	482.8
17.5°	5189.8	5147.7	5088.8	4336.6	3491.7	2885.4	2147.2	1484.8	1061.0	763.5	572.6
15°	9728.5	9416.9	8765.7	7864.7	6683.1	5164.6	3797.6	2397.0	1515.7	1016.1	727.0
12.5°	16630.5	16285.2	14603.9	12350.1	10225.3	8064.0	5661.4	3643.3	2158.5	1291.1	861.7
10°	33137.5	30631.0	25923.9	19347.5	15100.8	11261.0	7948.9	4970.9	2809.6	1630.8	1021.7
7.5°	67872.0	59681.7	45989.9	32466.6	21014.7	14769.5	10152.3	6500.6	3744.3	2040.6	1167.6
5°	123015.0	108484.0	81729.3	49212.2	30515.9	18511.1	12046.9	7730.0	4432.0	2374.6	1313.6
2.5°	187836.0	169038.6	118159.2	67669.9	37628.4	21407.7	13371.7	8538.4	4869.9	2601.9	1425.9
0°	224296.7	200354.4	139151.5	77474.2	41016.2	22637.1	14020.1	9024.0	5240.4	2787.2	1498.8
-2.5°	207194.7	187920.2	127882.0	71967.2	39194.6	22098.2	14112.7	9144.7	5302.1	2837.7	1532.5
-5°	146031.0	130211.7	88485.4	53108.1	33255.3	20355.1	13315.6	8689.9	5130.9	2764.7	1518.5
-7.5°	77258.0	70100.6	52476.5	38161.7	24273.5	17228.3	11988.0	7884.4	4687.4	2568.3	1434.3
-10°	39915.9	38448.0	33131.8	24975.2	19642.2	14432.7	10230.9	6742.0	3918.3	2211.8	1291.1
-12.5°	23013.2	22763.4	21054.0	18073.2	15061.5	11856.1	8395.2	5498.6	3270.0	1832.9	1089.1
-15°	14901.5	15008.1	14413.1	13172.5	11457.5	8872.4	6450.1	4089.6	2419.5	1484.8	959.9
-17.5°	10169.1	10141.1	9863.2	9012.7	7631.8	5992.6	4274.8	2888.2	1832.9	1156.4	797.1
-20°	6433.3	6444.5	6186.3	5599.6	4583.6	3693.8	2660.9	1947.9	1299.6	909.4	704.5



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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°	3733.1	3741.5	3578.7	3247.5	2714.2	2189.3	1729.0	1288.3	957.1	757.8	617.5
-25°	2144.4	2110.7	2046.2	1886.2	1636.4	1350.1	1148.0	906.6	766.3	642.8	564.2
-27.5°	1299.6	1277.1	1243.4	1173.3	1075.0	931.9	839.2	732.6	651.2	578.2	530.5
-30°	906.6	915.0	887.0	850.5	805.6	741.0	690.5	640.0	586.6	541.7	496.8
-32.5°	721.4	727.0	712.9	698.9	676.4	651.2	620.3	583.8	541.7	499.6	457.5
-35°	620.3	623.1	623.1	620.3	614.7	595.0	572.6	538.9	499.6	460.3	423.8
-37.5°	569.8	572.6	572.6	569.8	561.4	544.5	522.1	494.0	457.5	421.0	393.0
-40°	516.5	519.3	516.5	510.8	502.4	485.6	468.7	446.3	418.2	387.3	362.1
-42.5°	465.9	463.1	460.3	454.7	446.3	435.1	421.0	404.2	384.5	362.1	342.4
-45°	418.2	418.2	415.4	412.6	407.0	398.6	390.1	376.1	362.1	345.2	328.4
-47.5°	393.0	393.0	390.1	387.3	384.5	378.9	370.5	359.3	348.0	334.0	320.0
-50°	376.1	376.1	376.1	373.3	370.5	364.9	356.5	348.0	336.8	322.8	308.8
-52.5°	364.9	364.9	364.9	362.1	359.3	356.5	348.0	336.8	322.8	311.6	300.3
-55°	359.3	356.5	356.5	353.7	350.9	348.0	336.8	325.6	314.4	303.1	291.9
-57.5°	350.9	348.0	348.0	345.2	342.4	339.6	328.4	317.2	305.9	291.9	283.5
-60°	342.4	339.6	339.6	334.0	331.2	328.4	317.2	305.9	294.7	283.5	272.3
-62.5°	331.2	328.4	325.6	322.8	317.2	311.6	303.1	291.9	277.9	266.6	255.4
-65°	305.9	303.1	300.3	297.5	294.7	291.9	283.5	269.5	258.2	247.0	235.8
-67.5°	275.1	275.1	275.1	269.5	266.6	261.0	255.4	244.2	233.0	221.7	213.3
-70°	238.6	238.6	238.6	233.0	230.2	227.4	218.9	210.5	202.1	193.7	182.4
-72.5°	202.1	199.3	199.3	196.5	190.9	188.1	182.4	176.8	168.4	162.8	154.4
-75°	165.6	162.8	162.8	160.0	157.2	154.4	148.8	146.0	140.3	134.7	126.3
-77.5°	131.9	131.9	131.9	129.1	126.3	123.5	120.7	117.9	115.1	109.5	103.9
-80°	101.0	101.0	101.0	101.0	101.0	101.0	101.0	98.2	92.6	89.8	87.0
-82.5°	73.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8	73.0	70.2	67.4
-85°	47.7	50.5	50.5	53.3	56.1	56.1	58.9	56.1	53.3	47.7	44.9
-87.5°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	22.5	22.5	22.5	19.6
-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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	5.6	5.6	5.6
85°	5.6	5.6	5.6	5.6	8.4	8.4	8.4	11.2	11.2	11.2	11.2
82.5°	5.6	8.4	8.4	8.4	11.2	11.2	14.0	16.8	22.5	25.3	25.3
80°	5.6	8.4	8.4	8.4	11.2	11.2	14.0	14.0	16.8	19.6	25.3
77.5°	5.6	5.6	8.4	8.4	8.4	11.2	11.2	14.0	14.0	16.8	19.6
75°	2.8	5.6	5.6	5.6	8.4	8.4	11.2	11.2	14.0	14.0	16.8
72.5°	2.8	5.6	5.6	5.6	8.4	8.4	11.2	11.2	11.2	14.0	14.0
70°	2.8	5.6	5.6	5.6	5.6	8.4	8.4	8.4	11.2	11.2	11.2
67.5°	2.8	2.8	2.8	5.6	5.6	5.6	5.6	8.4	8.4	8.4	11.2
65°	2.8	2.8	2.8	2.8	5.6	5.6	5.6	5.6	8.4	8.4	8.4
62.5°	2.8	2.8	2.8	5.6	5.6	5.6	5.6	5.6	8.4	8.4	8.4
60°	11.2	11.2	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
57.5°	25.3	25.3	22.5	19.6	16.8	16.8	14.0	11.2	11.2	8.4	8.4
55°	42.1	39.3	36.5	30.9	28.1	25.3	22.5	16.8	14.0	11.2	8.4
52.5°	53.3	50.5	47.7	44.9	39.3	33.7	30.9	28.1	22.5	16.8	14.0
50°	78.6	70.2	64.6	58.9	53.3	47.7	42.1	39.3	30.9	25.3	19.6
47.5°	95.4	89.8	81.4	75.8	70.2	61.8	53.3	47.7	42.1	33.7	25.3
45°	109.5	103.9	95.4	89.8	84.2	75.8	67.4	58.9	53.3	44.9	33.7
42.5°	123.5	117.9	109.5	103.9	95.4	87.0	78.6	70.2	61.8	56.1	44.9
40°	143.1	134.7	123.5	117.9	112.3	101.0	89.8	81.4	73.0	64.6	53.3
37.5°	168.4	160.0	146.0	134.7	126.3	117.9	106.7	95.4	87.0	75.8	64.6
35°	207.7	193.7	174.0	157.2	146.0	134.7	120.7	109.5	98.2	87.0	75.8
32.5°	247.0	224.5	199.3	179.6	162.8	148.8	134.7	123.5	109.5	95.4	84.2
30°	277.9	252.6	227.4	199.3	179.6	162.8	148.8	134.7	120.7	106.7	92.6
27.5°	308.8	280.7	252.6	224.5	196.5	174.0	160.0	146.0	131.9	117.9	101.0
25°	339.6	308.8	280.7	249.8	216.1	190.9	171.2	160.0	146.0	129.1	109.5
22.5°	367.7	339.6	311.6	277.9	238.6	204.9	185.3	171.2	157.2	137.5	120.7
20°	421.0	384.5	350.9	308.8	263.8	230.2	204.9	185.3	168.4	148.8	129.1
17.5°	491.2	437.9	393.0	345.2	300.3	258.2	221.7	199.3	182.4	160.0	137.5
15°	581.0	488.4	432.3	384.5	331.2	283.5	244.2	213.3	190.9	168.4	148.8
12.5°	648.4	527.7	465.9	421.0	364.9	311.6	261.0	224.5	199.3	176.8	154.4
10°	724.2	569.8	494.0	443.5	384.5	325.6	272.3	233.0	204.9	185.3	162.8
7.5°	785.9	603.5	508.0	451.9	395.8	336.8	283.5	241.4	213.3	190.9	168.4
5°	842.0	631.5	519.3	454.7	401.4	345.2	289.1	247.0	218.9	196.5	174.0
2.5°	881.3	656.8	530.5	460.3	407.0	350.9	297.5	252.6	224.5	202.1	179.6
0°	915.0	665.2	527.7	460.3	409.8	350.9	300.3	255.4	227.4	204.9	182.4
-2.5°	926.3	679.3	541.7	465.9	415.4	356.5	305.9	258.2	230.2	207.7	188.1
-5°	926.3	668.0	541.7	471.5	418.2	359.3	305.9	261.0	233.0	210.5	188.1
-7.5°	892.6	651.2	538.9	477.2	421.0	362.1	305.9	263.8	235.8	213.3	190.9
-10°	833.6	625.9	536.1	480.0	421.0	359.3	305.9	263.8	235.8	213.3	193.7
-12.5°	738.2	592.2	522.1	474.4	415.4	353.7	303.1	263.8	235.8	216.1	193.7
-15°	690.5	564.2	505.2	457.5	401.4	345.2	297.5	261.0	235.8	216.1	196.5
-17.5°	625.9	541.7	488.4	440.7	390.1	336.8	291.9	261.0	235.8	213.3	196.5
-20°	581.0	516.5	468.7	426.6	376.1	328.4	289.1	258.2	235.8	213.3	196.5



REPORT NUMBER: P724103  
 CATALOG NUMBER: IFLD-S-SA3B-735-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°	541.7	488.4	446.3	404.2	359.3	317.2	283.5	255.4	233.0	213.3	196.5
-25°	510.8	463.1	423.8	384.5	345.2	308.8	277.9	252.6	230.2	213.3	193.7
-27.5°	482.8	437.9	401.4	364.9	328.4	300.3	272.3	249.8	230.2	210.5	190.9
-30°	451.9	415.4	378.9	345.2	320.0	291.9	266.6	244.2	227.4	207.7	188.1
-32.5°	421.0	387.3	356.5	331.2	308.8	286.3	263.8	241.4	221.7	202.1	182.4
-35°	393.0	362.1	339.6	317.2	300.3	280.7	258.2	235.8	218.9	199.3	182.4
-37.5°	364.9	342.4	322.8	305.9	289.1	272.3	249.8	230.2	213.3	193.7	174.0
-40°	342.4	325.6	311.6	297.5	280.7	261.0	244.2	224.5	207.7	188.1	165.6
-42.5°	328.4	314.4	300.3	286.3	272.3	255.4	238.6	218.9	202.1	182.4	160.0
-45°	314.4	303.1	291.9	280.7	266.6	249.8	230.2	210.5	193.7	174.0	157.2
-47.5°	305.9	294.7	283.5	275.1	263.8	241.4	224.5	204.9	185.3	168.4	148.8
-50°	297.5	286.3	277.9	266.6	252.6	233.0	216.1	196.5	179.6	160.0	143.1
-52.5°	289.1	277.9	266.6	255.4	241.4	224.5	207.7	190.9	171.2	151.6	134.7
-55°	280.7	269.5	258.2	247.0	233.0	218.9	202.1	179.6	160.0	140.3	123.5
-57.5°	272.3	263.8	249.8	235.8	221.7	207.7	188.1	168.4	148.8	129.1	115.1
-60°	261.0	249.8	238.6	221.7	207.7	190.9	174.0	157.2	137.5	120.7	106.7
-62.5°	244.2	233.0	221.7	204.9	190.9	176.8	162.8	143.1	129.1	112.3	98.2
-65°	224.5	213.3	202.1	188.1	174.0	160.0	148.8	131.9	117.9	103.9	92.6
-67.5°	202.1	190.9	182.4	168.4	157.2	143.1	131.9	117.9	103.9	92.6	81.4
-70°	174.0	165.6	157.2	146.0	134.7	123.5	112.3	101.0	89.8	81.4	70.2
-72.5°	148.8	140.3	131.9	123.5	115.1	103.9	95.4	87.0	78.6	70.2	64.6
-75°	120.7	115.1	109.5	103.9	95.4	87.0	81.4	73.0	67.4	61.8	58.9
-77.5°	101.0	95.4	89.8	84.2	78.6	73.0	67.4	61.8	58.9	56.1	53.3
-80°	81.4	78.6	75.8	70.2	67.4	61.8	58.9	53.3	53.3	53.3	53.3
-82.5°	64.6	61.8	58.9	56.1	53.3	50.5	50.5	47.7	50.5	50.5	47.7
-85°	44.9	42.1	39.3	39.3	36.5	36.5	33.7	33.7	33.7	30.9	30.9
-87.5°	19.6	19.6	19.6	19.6	16.8	16.8	16.8	16.8	16.8	14.0	14.0
-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: P724103  
 CATALOG NUMBER: IFLD-S-SA3B-735-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°	5.6	5.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	0.0	0.0
85°	11.2	11.2	8.4	8.4	8.4	5.6	5.6	2.8	2.8	2.8	2.8
82.5°	25.3	22.5	19.6	16.8	14.0	11.2	8.4	5.6	5.6	2.8	2.8
80°	30.9	30.9	30.9	28.1	22.5	16.8	11.2	8.4	5.6	2.8	2.8
77.5°	22.5	22.5	25.3	28.1	28.1	22.5	14.0	8.4	5.6	5.6	2.8
75°	16.8	16.8	16.8	19.6	22.5	22.5	16.8	11.2	5.6	5.6	2.8
72.5°	16.8	16.8	16.8	16.8	16.8	16.8	16.8	11.2	8.4	5.6	5.6
70°	14.0	14.0	14.0	14.0	14.0	14.0	14.0	11.2	8.4	5.6	5.6
67.5°	11.2	11.2	14.0	14.0	14.0	11.2	11.2	11.2	8.4	5.6	5.6
65°	8.4	11.2	11.2	14.0	11.2	11.2	11.2	8.4	8.4	5.6	5.6
62.5°	8.4	8.4	11.2	11.2	11.2	11.2	8.4	8.4	8.4	5.6	5.6
60°	8.4	8.4	8.4	11.2	8.4	8.4	8.4	8.4	8.4	5.6	5.6
57.5°	8.4	8.4	8.4	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6
55°	8.4	8.4	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6	5.6
52.5°	11.2	8.4	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6	5.6
50°	14.0	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6	5.6	5.6
47.5°	19.6	14.0	11.2	8.4	8.4	5.6	5.6	5.6	5.6	5.6	2.8
45°	28.1	19.6	14.0	11.2	8.4	5.6	5.6	5.6	5.6	5.6	2.8
42.5°	33.7	25.3	16.8	14.0	11.2	8.4	5.6	5.6	5.6	2.8	2.8
40°	42.1	33.7	22.5	16.8	11.2	8.4	5.6	5.6	5.6	2.8	2.8
37.5°	53.3	42.1	28.1	19.6	14.0	8.4	8.4	5.6	5.6	2.8	2.8
35°	61.8	47.7	36.5	22.5	16.8	11.2	8.4	5.6	5.6	2.8	2.8
32.5°	70.2	56.1	44.9	28.1	19.6	14.0	11.2	5.6	5.6	2.8	2.8
30°	78.6	64.6	50.5	36.5	25.3	16.8	11.2	5.6	5.6	2.8	2.8
27.5°	87.0	70.2	56.1	42.1	28.1	19.6	14.0	8.4	5.6	2.8	2.8
25°	95.4	78.6	61.8	47.7	30.9	22.5	14.0	8.4	5.6	5.6	2.8
22.5°	101.0	87.0	70.2	53.3	36.5	25.3	16.8	11.2	5.6	5.6	2.8
20°	109.5	95.4	75.8	58.9	42.1	28.1	16.8	11.2	5.6	5.6	2.8
17.5°	117.9	101.0	81.4	64.6	47.7	30.9	19.6	14.0	5.6	5.6	2.8
15°	126.3	106.7	87.0	67.4	50.5	33.7	19.6	14.0	5.6	5.6	2.8
12.5°	134.7	115.1	92.6	73.0	53.3	36.5	22.5	16.8	8.4	5.6	2.8
10°	140.3	120.7	98.2	75.8	56.1	42.1	25.3	16.8	8.4	5.6	2.8
7.5°	148.8	126.3	103.9	81.4	58.9	44.9	28.1	16.8	8.4	5.6	2.8
5°	151.6	131.9	106.7	87.0	61.8	47.7	30.9	19.6	8.4	5.6	2.8
2.5°	154.4	137.5	109.5	89.8	64.6	47.7	30.9	19.6	11.2	5.6	2.8
0°	157.2	140.3	112.3	92.6	67.4	50.5	33.7	19.6	11.2	5.6	2.8
-2.5°	160.0	143.1	117.9	95.4	70.2	53.3	36.5	19.6	11.2	5.6	2.8
-5°	162.8	143.1	123.5	98.2	73.0	53.3	36.5	22.5	14.0	5.6	2.8
-7.5°	165.6	146.0	126.3	101.0	75.8	53.3	39.3	22.5	14.0	8.4	2.8
-10°	168.4	148.8	129.1	103.9	75.8	56.1	39.3	22.5	14.0	8.4	2.8
-12.5°	171.2	151.6	129.1	103.9	78.6	56.1	39.3	25.3	14.0	8.4	2.8
-15°	174.0	151.6	129.1	103.9	78.6	58.9	42.1	25.3	14.0	8.4	5.6
-17.5°	174.0	151.6	129.1	106.7	78.6	58.9	42.1	25.3	14.0	8.4	5.6
-20°	174.0	151.6	129.1	106.7	78.6	58.9	42.1	25.3	14.0	8.4	5.6



REPORT NUMBER: P724103

CATALOG NUMBER: IFLD-S-SA3B-735-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	171.2	148.8	129.1	103.9	78.6	58.9	42.1	25.3	16.8	8.4	5.6
-25°	171.2	148.8	129.1	103.9	78.6	58.9	39.3	25.3	16.8	8.4	5.6
-27.5°	168.4	148.8	126.3	101.0	75.8	56.1	39.3	25.3	16.8	8.4	5.6
-30°	165.6	146.0	123.5	98.2	75.8	56.1	39.3	25.3	16.8	8.4	5.6
-32.5°	162.8	140.3	120.7	95.4	73.0	53.3	39.3	25.3	16.8	8.4	5.6
-35°	157.2	137.5	115.1	92.6	70.2	53.3	36.5	25.3	16.8	11.2	5.6
-37.5°	151.6	131.9	112.3	89.8	67.4	50.5	36.5	25.3	16.8	11.2	5.6
-40°	146.0	129.1	106.7	84.2	64.6	47.7	36.5	25.3	16.8	11.2	8.4
-42.5°	140.3	123.5	103.9	81.4	64.6	47.7	33.7	25.3	16.8	11.2	8.4
-45°	137.5	120.7	98.2	78.6	61.8	47.7	33.7	22.5	16.8	11.2	8.4
-47.5°	131.9	112.3	92.6	75.8	58.9	44.9	30.9	22.5	16.8	11.2	8.4
-50°	123.5	106.7	89.8	73.0	56.1	42.1	30.9	22.5	16.8	11.2	8.4
-52.5°	115.1	98.2	84.2	67.4	53.3	42.1	30.9	22.5	16.8	11.2	8.4
-55°	106.7	92.6	78.6	64.6	50.5	39.3	28.1	22.5	16.8	11.2	8.4
-57.5°	101.0	87.0	73.0	58.9	47.7	36.5	28.1	19.6	14.0	11.2	8.4
-60°	95.4	81.4	67.4	56.1	44.9	36.5	28.1	19.6	14.0	11.2	5.6
-62.5°	87.0	75.8	61.8	53.3	42.1	33.7	25.3	19.6	14.0	11.2	5.6
-65°	78.6	67.4	56.1	47.7	39.3	30.9	25.3	19.6	14.0	11.2	5.6
-67.5°	70.2	61.8	53.3	44.9	36.5	30.9	25.3	19.6	14.0	8.4	5.6
-70°	64.6	56.1	47.7	42.1	36.5	28.1	25.3	19.6	14.0	8.4	5.6
-72.5°	56.1	50.5	44.9	39.3	33.7	30.9	25.3	19.6	11.2	8.4	5.6
-75°	53.3	47.7	42.1	39.3	36.5	30.9	25.3	16.8	11.2	8.4	5.6
-77.5°	53.3	47.7	44.9	42.1	36.5	30.9	22.5	14.0	8.4	8.4	5.6
-80°	53.3	50.5	47.7	39.3	33.7	25.3	16.8	14.0	8.4	5.6	2.8
-82.5°	47.7	39.3	33.7	28.1	25.3	19.6	14.0	11.2	5.6	5.6	2.8
-85°	30.9	25.3	22.5	19.6	16.8	14.0	8.4	5.6	5.6	2.8	2.8
-87.5°	14.0	14.0	11.2	8.4	8.4	5.6	5.6	2.8	2.8	2.8	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: P724103  
 CATALOG NUMBER: IFLD-S-SA3B-735-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°	2.8	0.0	0.0	0.0
77.5°	2.8	0.0	0.0	0.0
75°	2.8	2.8	0.0	0.0
72.5°	2.8	2.8	0.0	0.0
70°	2.8	2.8	0.0	0.0
67.5°	2.8	2.8	0.0	0.0
65°	2.8	2.8	0.0	0.0
62.5°	2.8	2.8	0.0	0.0
60°	2.8	2.8	0.0	0.0
57.5°	2.8	2.8	2.8	0.0
55°	2.8	2.8	2.8	0.0
52.5°	2.8	2.8	2.8	0.0
50°	2.8	2.8	2.8	0.0
47.5°	2.8	2.8	2.8	0.0
45°	2.8	2.8	2.8	0.0
42.5°	2.8	2.8	2.8	0.0
40°	2.8	2.8	2.8	0.0
37.5°	2.8	2.8	2.8	0.0
35°	2.8	2.8	2.8	0.0
32.5°	2.8	2.8	2.8	0.0
30°	2.8	2.8	2.8	0.0
27.5°	2.8	2.8	2.8	0.0
25°	2.8	2.8	2.8	0.0
22.5°	2.8	2.8	2.8	0.0
20°	2.8	2.8	2.8	0.0
17.5°	2.8	2.8	2.8	0.0
15°	2.8	2.8	2.8	0.0
12.5°	2.8	2.8	2.8	0.0
10°	2.8	2.8	2.8	0.0
7.5°	2.8	2.8	2.8	0.0
5°	2.8	2.8	2.8	0.0
2.5°	2.8	2.8	2.8	0.0
0°	2.8	2.8	2.8	0.0
-2.5°	2.8	2.8	2.8	0.0
-5°	2.8	2.8	2.8	0.0
-7.5°	2.8	2.8	2.8	0.0
-10°	2.8	2.8	2.8	0.0
-12.5°	2.8	2.8	2.8	0.0
-15°	2.8	2.8	2.8	0.0
-17.5°	2.8	2.8	2.8	0.0
-20°	2.8	2.8	2.8	0.0



REPORT NUMBER: P724103  
CATALOG NUMBER: IFLD-S-SA3B-735-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	2.8	2.8	2.8	0.0
-25°	2.8	2.8	2.8	0.0
-27.5°	2.8	2.8	2.8	0.0
-30°	2.8	2.8	2.8	0.0
-32.5°	2.8	2.8	2.8	0.0
-35°	2.8	2.8	2.8	0.0
-37.5°	2.8	2.8	2.8	0.0
-40°	2.8	2.8	2.8	0.0
-42.5°	2.8	2.8	2.8	0.0
-45°	2.8	2.8	2.8	0.0
-47.5°	2.8	2.8	2.8	0.0
-50°	2.8	2.8	2.8	0.0
-52.5°	2.8	2.8	2.8	0.0
-55°	2.8	2.8	2.8	0.0
-57.5°	2.8	2.8	2.8	0.0
-60°	2.8	2.8	0.0	0.0
-62.5°	2.8	2.8	0.0	0.0
-65°	2.8	2.8	0.0	0.0
-67.5°	2.8	2.8	0.0	0.0
-70°	2.8	2.8	0.0	0.0
-72.5°	2.8	2.8	0.0	0.0
-75°	2.8	2.8	0.0	0.0
-77.5°	2.8	0.0	0.0	0.0
-80°	2.8	0.0	0.0	0.0
-82.5°	2.8	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)