

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: P724191

Luminaire Tested: **IFLD-S-SA3C-760-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724191  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3C-760-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (48) 5700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

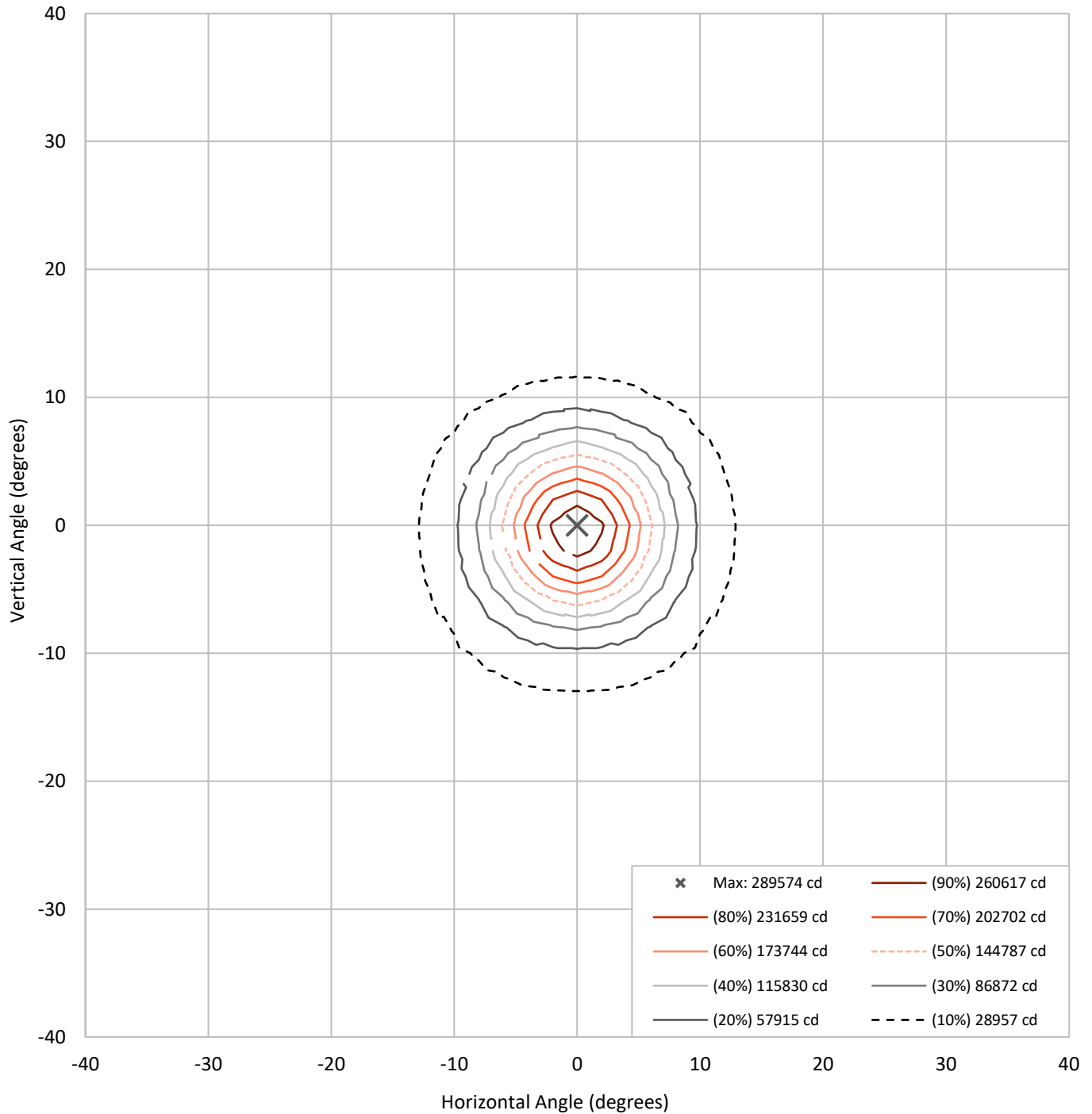
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	20226.9 lumens	Max Intensity:	289574 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	125.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6327.9 lumens	Field Lumens:	14398.2 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 160.8  
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





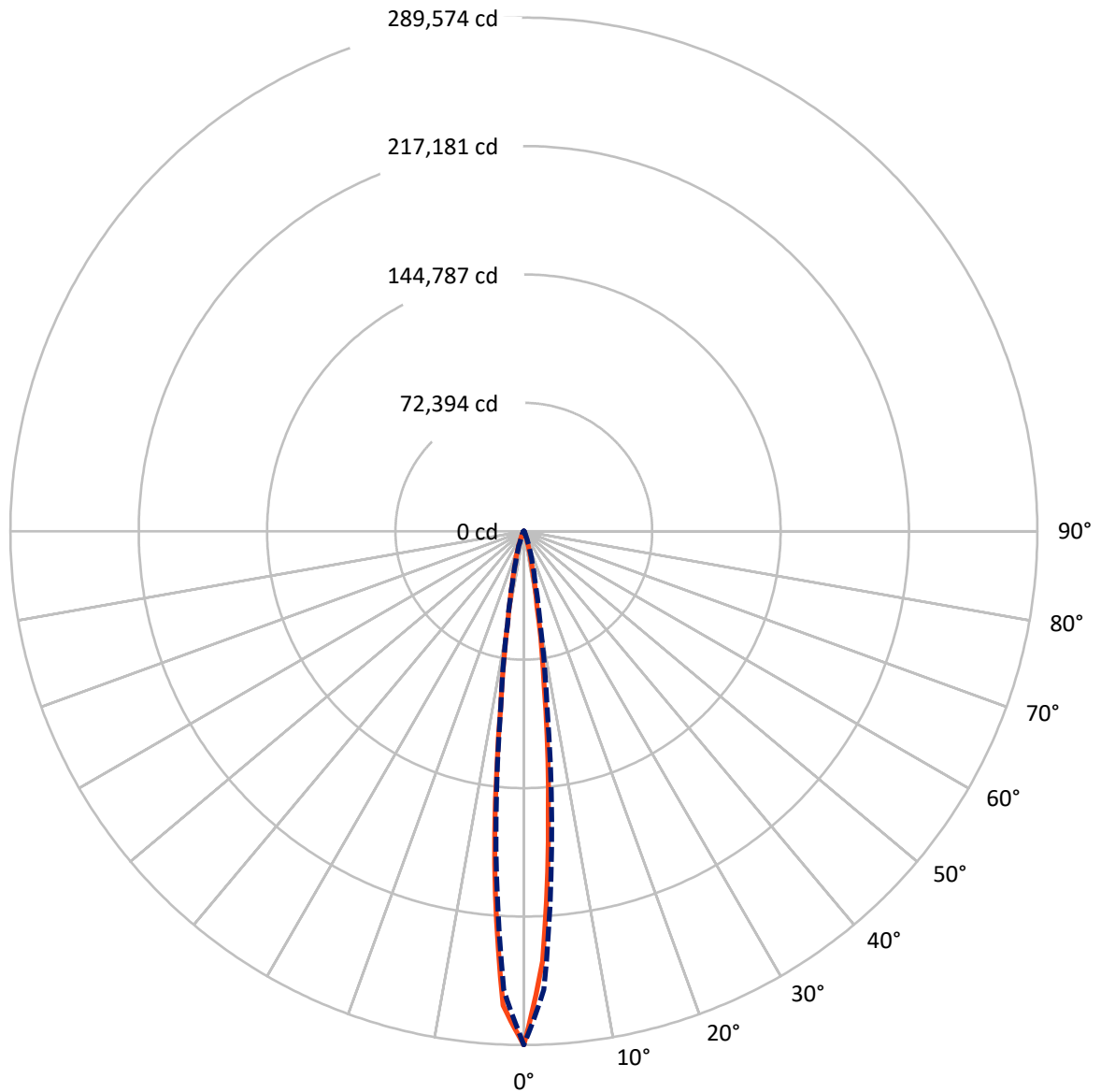
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### Lumen Table

90	0.1	1.2		1.0		0.5		0.0		0.5		1.0		1.2		0.1			
80	0.1	1.2		1.0		0.5		0.0		0.5		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	0.6	1.0	1.6	2.0	2.2	2.2	2.0	1.6	1.0	0.6	0.2	0.1				
50	0.1	0.2	0.6	1.7	2.9	4.1	5.4	6.3	6.3	5.4	4.1	2.9	1.7	0.6	0.2	0.1			
40		0.3	1.4	3.1	5.2	8.1	12.3	14.7	14.7	12.3	8.1	5.2	3.1	1.4	0.3				
30	0.2	0.6	2.2	4.4	8.1	14.0	27.0	43.5	43.5	27.0	14.0	8.1	4.4	2.2	0.6	0.2			
20		0.9	2.9	6.1	12.3	30.5	159.4	403.2	403.2	159.4	30.5	12.3	6.1	2.9	0.9				
10	0.3	1.1	3.5	7.2	15.0	62.0	513.2	3162.8	3162.8	513.2	62.0	15.0	7.2	3.5	1.1	0.3			
0		1.3	3.8	7.6	15.7	70.6	564.8	3483.0	3483.0	564.8	70.6	15.7	7.6	3.8	1.3				
-10	0.4	1.4	3.9	7.5	14.7	42.3	253.5	610.9	610.9	253.5	42.3	14.7	7.5	3.9	1.4	0.4			
-20		1.4	3.9	7.1	12.4	21.6	52.4	98.4	98.4	52.4	21.6	12.4	7.1	3.9	1.4				
-30	0.4	1.2	3.6	6.6	10.3	15.3	21.6	25.4	25.4	21.6	15.3	10.3	6.6	3.6	1.2	0.4			
-40		1.1	3.1	5.9	9.0	11.9	15.0	16.7	16.7	15.0	11.9	9.0	5.9	3.1	1.1				
-50	0.4	0.9	2.5	5.0	7.9	10.4	12.8	13.9	13.9	12.8	10.4	7.9	5.0	2.5	0.9	0.4			
-60		0.7	1.8	3.7	6.0	8.3	10.4	11.6	11.6	10.4	8.3	6.0	3.7	1.8	0.7				
-70	0.2	2.7		7.6		14.0		16.9		14.0		7.6		2.7		0.2			
-80		2.7		7.6		14.0		16.9		14.0		7.6		2.7					
-90	0.2	2.7		7.6		14.0		16.9		14.0		7.6		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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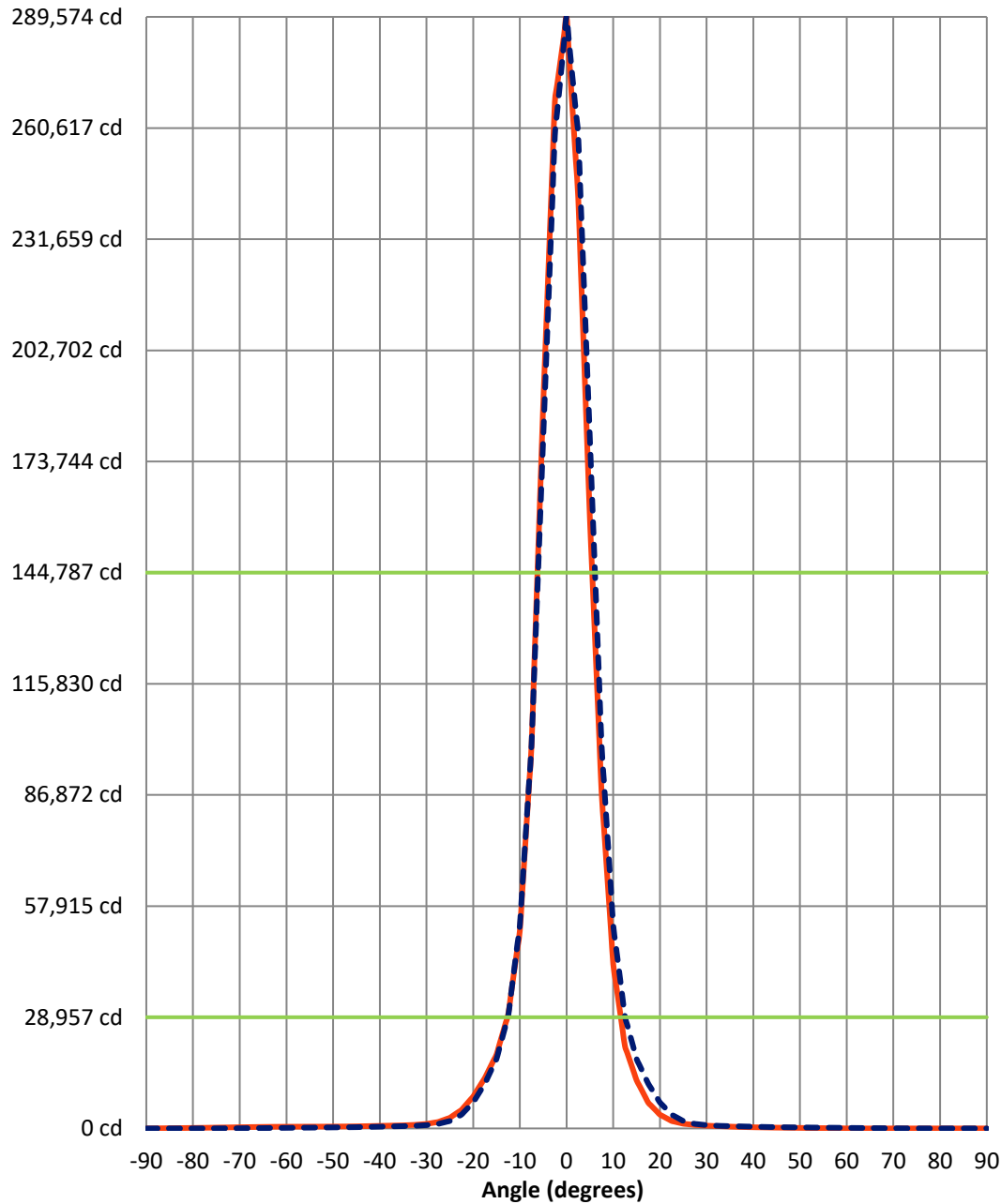
### Luminous Intensity Polar Plot



— 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: 6327.9  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 14398.2  
Efficiency: 71.2%

**Spill:**  
Lumens: 5828.6  
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	3.6	3.6
85°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	7.2	7.2
82.5°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	7.2	7.2	7.2
80°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	7.2	7.2	7.2
77.5°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	7.2
75°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6
72.5°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6
70°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6
67.5°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6
65°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6
62.5°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6
60°	7.2	7.2	7.2	7.2	10.9	10.9	14.5	14.5	14.5	7.2	14.5
57.5°	58.0	58.0	54.4	50.7	47.1	43.5	43.5	43.5	43.5	43.5	36.2
55°	79.7	79.7	79.7	76.1	76.1	72.5	68.9	65.2	65.2	61.6	58.0
52.5°	94.2	94.2	94.2	94.2	90.6	90.6	90.6	87.0	79.7	79.7	76.1
50°	134.1	130.5	130.5	130.5	130.5	123.2	119.6	112.3	108.7	105.1	101.5
47.5°	173.9	173.9	170.3	170.3	166.7	159.4	152.2	144.9	137.7	134.1	126.8
45°	206.6	206.6	202.9	202.9	199.3	192.1	181.2	170.3	163.1	155.8	148.6
42.5°	253.7	250.0	246.4	242.8	235.5	224.7	210.2	195.7	184.8	173.9	166.7
40°	304.4	304.4	300.8	297.1	286.3	275.4	257.3	239.2	221.0	199.3	188.4
37.5°	366.0	369.6	373.2	373.2	366.0	351.5	326.1	304.4	275.4	246.4	231.9
35°	478.3	478.3	485.6	485.6	474.7	456.6	438.5	391.4	355.1	318.9	286.3
32.5°	601.5	605.2	590.7	579.8	565.3	543.6	510.9	471.1	431.2	384.1	347.9
30°	721.1	721.1	703.0	681.3	652.3	616.0	576.2	532.7	485.6	438.5	395.0
27.5°	909.6	891.4	876.9	840.7	790.0	721.1	670.4	601.5	539.9	485.6	438.5
25°	1221.2	1217.6	1185.0	1123.3	1021.9	913.2	829.8	713.9	619.7	536.3	482.0
22.5°	1942.3	1916.9	1840.8	1688.6	1449.5	1261.0	1090.7	909.6	739.2	626.9	539.9
20°	3591.1	3507.7	3304.8	2884.5	2348.2	1978.5	1554.6	1250.2	963.9	753.7	623.3
17.5°	6700.2	6645.9	6569.8	5598.6	4507.9	3725.2	2772.1	1916.9	1369.8	985.6	739.2
15°	12559.8	12157.5	11316.8	10153.6	8628.0	6667.6	4902.9	3094.6	1956.8	1311.8	938.5
12.5°	21470.5	21024.7	18854.1	15944.3	13201.2	10410.9	7309.0	4703.6	2786.6	1666.9	1112.5
10°	42781.5	39545.5	33468.6	24978.2	19495.5	14538.3	10262.3	6417.6	3627.3	2105.4	1319.0
7.5°	87624.8	77050.9	59374.4	41915.4	27130.7	19067.9	13106.9	8392.5	4834.0	2634.4	1507.5
5°	158816.2	140056.2	105515.1	63534.4	39396.9	23898.3	15552.9	9979.7	5721.8	3065.7	1695.9
2.5°	242502.0	218234.1	152547.2	87363.9	48579.4	27638.0	17263.3	11023.3	6287.1	3359.2	1840.8
0°	289574.0	258663.8	179648.9	100021.5	52953.2	29225.2	18100.4	11650.2	6765.5	3598.3	1935.1
-2.5°	267494.7	242610.8	165099.7	92911.8	50601.4	28529.4	18220.0	11806.0	6845.2	3663.6	1978.5
-5°	188530.6	168107.4	114237.3	68564.1	42933.7	26279.1	17190.9	11219.0	6624.1	3569.4	1960.4
-7.5°	99742.5	90502.1	67748.8	49267.9	31337.8	22242.3	15476.8	10179.0	6051.6	3315.7	1851.7
-10°	51532.7	49637.5	42774.2	32243.7	25358.7	18633.1	13208.4	8704.1	5058.7	2855.5	1666.9
-12.5°	29710.8	29388.3	27181.4	23333.0	19444.8	15306.5	10838.5	7098.8	4221.6	2366.3	1406.0
-15°	19238.3	19376.0	18607.7	17006.1	14792.0	11454.5	8327.3	5279.7	3123.6	1916.9	1239.3
-17.5°	13128.7	13092.5	12733.7	11635.7	9852.9	7736.6	5518.9	3728.8	2366.3	1493.0	1029.1
-20°	8305.5	8320.0	7986.6	7229.3	5917.5	4768.8	3435.3	2514.9	1677.8	1174.1	909.6



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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°	4819.5	4830.4	4620.2	4192.6	3504.1	2826.5	2232.2	1663.3	1235.7	978.4	797.2
-25°	2768.5	2725.0	2641.7	2435.1	2112.6	1743.0	1482.1	1170.5	989.3	829.8	728.4
-27.5°	1677.8	1648.8	1605.3	1514.7	1387.9	1203.1	1083.5	945.8	840.7	746.5	684.9
-30°	1170.5	1181.3	1145.1	1098.0	1040.0	956.7	891.4	826.2	757.4	699.4	641.4
-32.5°	931.3	938.5	920.4	902.3	873.3	840.7	800.8	753.7	699.4	645.0	590.7
-35°	800.8	804.5	804.5	800.8	793.6	768.2	739.2	695.8	645.0	594.3	547.2
-37.5°	735.6	739.2	739.2	735.6	724.7	703.0	674.0	637.8	590.7	543.6	507.3
-40°	666.8	670.4	666.8	659.5	648.6	626.9	605.2	576.2	539.9	500.1	467.5
-42.5°	601.5	597.9	594.3	587.0	576.2	561.7	543.6	521.8	496.4	467.5	442.1
-45°	539.9	539.9	536.3	532.7	525.4	514.6	503.7	485.6	467.5	445.7	424.0
-47.5°	507.3	507.3	503.7	500.1	496.4	489.2	478.3	463.8	449.3	431.2	413.1
-50°	485.6	485.6	485.6	482.0	478.3	471.1	460.2	449.3	434.8	416.7	398.6
-52.5°	471.1	471.1	471.1	467.5	463.8	460.2	449.3	434.8	416.7	402.2	387.7
-55°	463.8	460.2	460.2	456.6	453.0	449.3	434.8	420.3	405.9	391.4	376.9
-57.5°	453.0	449.3	449.3	445.7	442.1	438.5	424.0	409.5	395.0	376.9	366.0
-60°	442.1	438.5	438.5	431.2	427.6	424.0	409.5	395.0	380.5	366.0	351.5
-62.5°	427.6	424.0	420.3	416.7	409.5	402.2	391.4	376.9	358.7	344.3	329.8
-65°	395.0	391.4	387.7	384.1	380.5	376.9	366.0	347.9	333.4	318.9	304.4
-67.5°	355.1	355.1	355.1	347.9	344.3	337.0	329.8	315.3	300.8	286.3	275.4
-70°	308.0	308.0	308.0	300.8	297.1	293.5	282.6	271.8	260.9	250.0	235.5
-72.5°	260.9	257.3	257.3	253.7	246.4	242.8	235.5	228.3	217.4	210.2	199.3
-75°	213.8	210.2	210.2	206.6	202.9	199.3	192.1	188.4	181.2	173.9	163.1
-77.5°	170.3	170.3	170.3	166.7	163.1	159.4	155.8	152.2	148.6	141.3	134.1
-80°	130.5	130.5	130.5	130.5	130.5	130.5	130.5	126.8	119.6	116.0	112.3
-82.5°	94.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	94.2	90.6	87.0
-85°	61.6	65.2	65.2	68.9	72.5	72.5	76.1	72.5	68.9	61.6	58.0
-87.5°	32.6	32.6	32.6	32.6	32.6	32.6	32.6	29.0	29.0	29.0	25.4
-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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	7.2	7.2	7.2
85°	7.2	7.2	7.2	7.2	10.9	10.9	10.9	14.5	14.5	14.5	14.5
82.5°	7.2	10.9	10.9	10.9	14.5	14.5	18.1	21.7	29.0	32.6	32.6
80°	7.2	10.9	10.9	10.9	14.5	14.5	18.1	18.1	21.7	25.4	32.6
77.5°	7.2	7.2	10.9	10.9	10.9	14.5	14.5	18.1	18.1	21.7	25.4
75°	3.6	7.2	7.2	7.2	10.9	10.9	14.5	14.5	18.1	18.1	21.7
72.5°	3.6	7.2	7.2	7.2	10.9	10.9	14.5	14.5	14.5	18.1	18.1
70°	3.6	7.2	7.2	7.2	7.2	10.9	10.9	10.9	14.5	14.5	14.5
67.5°	3.6	3.6	3.6	7.2	7.2	7.2	7.2	10.9	10.9	10.9	14.5
65°	3.6	3.6	3.6	3.6	7.2	7.2	7.2	7.2	10.9	10.9	10.9
62.5°	3.6	3.6	3.6	7.2	7.2	7.2	7.2	7.2	10.9	10.9	10.9
60°	14.5	14.5	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
57.5°	32.6	32.6	29.0	25.4	21.7	21.7	18.1	14.5	14.5	10.9	10.9
55°	54.4	50.7	47.1	39.9	36.2	32.6	29.0	21.7	18.1	14.5	10.9
52.5°	68.9	65.2	61.6	58.0	50.7	43.5	39.9	36.2	29.0	21.7	18.1
50°	101.5	90.6	83.3	76.1	68.9	61.6	54.4	50.7	39.9	32.6	25.4
47.5°	123.2	116.0	105.1	97.8	90.6	79.7	68.9	61.6	54.4	43.5	32.6
45°	141.3	134.1	123.2	116.0	108.7	97.8	87.0	76.1	68.9	58.0	43.5
42.5°	159.4	152.2	141.3	134.1	123.2	112.3	101.5	90.6	79.7	72.5	58.0
40°	184.8	173.9	159.4	152.2	144.9	130.5	116.0	105.1	94.2	83.3	68.9
37.5°	217.4	206.6	188.4	173.9	163.1	152.2	137.7	123.2	112.3	97.8	83.3
35°	268.2	250.0	224.7	202.9	188.4	173.9	155.8	141.3	126.8	112.3	97.8
32.5°	318.9	289.9	257.3	231.9	210.2	192.1	173.9	159.4	141.3	123.2	108.7
30°	358.7	326.1	293.5	257.3	231.9	210.2	192.1	173.9	155.8	137.7	119.6
27.5°	398.6	362.4	326.1	289.9	253.7	224.7	206.6	188.4	170.3	152.2	130.5
25°	438.5	398.6	362.4	322.5	279.0	246.4	221.0	206.6	188.4	166.7	141.3
22.5°	474.7	438.5	402.2	358.7	308.0	264.5	239.2	221.0	202.9	177.6	155.8
20°	543.6	496.4	453.0	398.6	340.6	297.1	264.5	239.2	217.4	192.1	166.7
17.5°	634.1	565.3	507.3	445.7	387.7	333.4	286.3	257.3	235.5	206.6	177.6
15°	750.1	630.5	558.1	496.4	427.6	366.0	315.3	275.4	246.4	217.4	192.1
12.5°	837.1	681.3	601.5	543.6	471.1	402.2	337.0	289.9	257.3	228.3	199.3
10°	934.9	735.6	637.8	572.5	496.4	420.3	351.5	300.8	264.5	239.2	210.2
7.5°	1014.6	779.1	655.9	583.4	510.9	434.8	366.0	311.6	275.4	246.4	217.4
5°	1087.1	815.3	670.4	587.0	518.2	445.7	373.2	318.9	282.6	253.7	224.7
2.5°	1137.8	847.9	684.9	594.3	525.4	453.0	384.1	326.1	289.9	260.9	231.9
0°	1181.3	858.8	681.3	594.3	529.1	453.0	387.7	329.8	293.5	264.5	235.5
-2.5°	1195.8	876.9	699.4	601.5	536.3	460.2	395.0	333.4	297.1	268.2	242.8
-5°	1195.8	862.4	699.4	608.8	539.9	463.8	395.0	337.0	300.8	271.8	242.8
-7.5°	1152.3	840.7	695.8	616.0	543.6	467.5	395.0	340.6	304.4	275.4	246.4
-10°	1076.2	808.1	692.1	619.7	543.6	463.8	395.0	340.6	304.4	275.4	250.0
-12.5°	953.0	764.6	674.0	612.4	536.3	456.6	391.4	340.6	304.4	279.0	250.0
-15°	891.4	728.4	652.3	590.7	518.2	445.7	384.1	337.0	304.4	279.0	253.7
-17.5°	808.1	699.4	630.5	568.9	503.7	434.8	376.9	337.0	304.4	275.4	253.7
-20°	750.1	666.8	605.2	550.8	485.6	424.0	373.2	333.4	304.4	275.4	253.7



REPORT NUMBER: P724191  
 CATALOG NUMBER: IFLD-S-SA3C-760-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°	699.4	630.5	576.2	521.8	463.8	409.5	366.0	329.8	300.8	275.4	253.7
-25°	659.5	597.9	547.2	496.4	445.7	398.6	358.7	326.1	297.1	275.4	250.0
-27.5°	623.3	565.3	518.2	471.1	424.0	387.7	351.5	322.5	297.1	271.8	246.4
-30°	583.4	536.3	489.2	445.7	413.1	376.9	344.3	315.3	293.5	268.2	242.8
-32.5°	543.6	500.1	460.2	427.6	398.6	369.6	340.6	311.6	286.3	260.9	235.5
-35°	507.3	467.5	438.5	409.5	387.7	362.4	333.4	304.4	282.6	257.3	235.5
-37.5°	471.1	442.1	416.7	395.0	373.2	351.5	322.5	297.1	275.4	250.0	224.7
-40°	442.1	420.3	402.2	384.1	362.4	337.0	315.3	289.9	268.2	242.8	213.8
-42.5°	424.0	405.9	387.7	369.6	351.5	329.8	308.0	282.6	260.9	235.5	206.6
-45°	405.9	391.4	376.9	362.4	344.3	322.5	297.1	271.8	250.0	224.7	202.9
-47.5°	395.0	380.5	366.0	355.1	340.6	311.6	289.9	264.5	239.2	217.4	192.1
-50°	384.1	369.6	358.7	344.3	326.1	300.8	279.0	253.7	231.9	206.6	184.8
-52.5°	373.2	358.7	344.3	329.8	311.6	289.9	268.2	246.4	221.0	195.7	173.9
-55°	362.4	347.9	333.4	318.9	300.8	282.6	260.9	231.9	206.6	181.2	159.4
-57.5°	351.5	340.6	322.5	304.4	286.3	268.2	242.8	217.4	192.1	166.7	148.6
-60°	337.0	322.5	308.0	286.3	268.2	246.4	224.7	202.9	177.6	155.8	137.7
-62.5°	315.3	300.8	286.3	264.5	246.4	228.3	210.2	184.8	166.7	144.9	126.8
-65°	289.9	275.4	260.9	242.8	224.7	206.6	192.1	170.3	152.2	134.1	119.6
-67.5°	260.9	246.4	235.5	217.4	202.9	184.8	170.3	152.2	134.1	119.6	105.1
-70°	224.7	213.8	202.9	188.4	173.9	159.4	144.9	130.5	116.0	105.1	90.6
-72.5°	192.1	181.2	170.3	159.4	148.6	134.1	123.2	112.3	101.5	90.6	83.3
-75°	155.8	148.6	141.3	134.1	123.2	112.3	105.1	94.2	87.0	79.7	76.1
-77.5°	130.5	123.2	116.0	108.7	101.5	94.2	87.0	79.7	76.1	72.5	68.9
-80°	105.1	101.5	97.8	90.6	87.0	79.7	76.1	68.9	68.9	68.9	68.9
-82.5°	83.3	79.7	76.1	72.5	68.9	65.2	65.2	61.6	65.2	65.2	61.6
-85°	58.0	54.4	50.7	50.7	47.1	47.1	43.5	43.5	43.5	39.9	39.9
-87.5°	25.4	25.4	25.4	25.4	21.7	21.7	21.7	21.7	21.7	18.1	18.1
-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: P724191  
 CATALOG NUMBER: IFLD-S-SA3C-760-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°	7.2	7.2	3.6	3.6	3.6	3.6	3.6	3.6	3.6	0.0	0.0
85°	14.5	14.5	10.9	10.9	10.9	7.2	7.2	3.6	3.6	3.6	3.6
82.5°	32.6	29.0	25.4	21.7	18.1	14.5	10.9	7.2	7.2	3.6	3.6
80°	39.9	39.9	39.9	36.2	29.0	21.7	14.5	10.9	7.2	3.6	3.6
77.5°	29.0	29.0	32.6	36.2	36.2	29.0	18.1	10.9	7.2	7.2	3.6
75°	21.7	21.7	21.7	25.4	29.0	29.0	21.7	14.5	7.2	7.2	3.6
72.5°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	14.5	10.9	7.2	7.2
70°	18.1	18.1	18.1	18.1	18.1	18.1	18.1	14.5	10.9	7.2	7.2
67.5°	14.5	14.5	18.1	18.1	18.1	14.5	14.5	14.5	10.9	7.2	7.2
65°	10.9	14.5	14.5	18.1	14.5	14.5	14.5	10.9	10.9	7.2	7.2
62.5°	10.9	10.9	14.5	14.5	14.5	14.5	10.9	10.9	10.9	7.2	7.2
60°	10.9	10.9	10.9	14.5	10.9	10.9	10.9	10.9	10.9	7.2	7.2
57.5°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	7.2	7.2	7.2	7.2
55°	10.9	10.9	10.9	10.9	10.9	10.9	7.2	7.2	7.2	7.2	7.2
52.5°	14.5	10.9	10.9	10.9	10.9	10.9	7.2	7.2	7.2	7.2	7.2
50°	18.1	10.9	10.9	10.9	10.9	7.2	7.2	7.2	7.2	7.2	7.2
47.5°	25.4	18.1	14.5	10.9	10.9	7.2	7.2	7.2	7.2	7.2	3.6
45°	36.2	25.4	18.1	14.5	10.9	7.2	7.2	7.2	7.2	7.2	3.6
42.5°	43.5	32.6	21.7	18.1	14.5	10.9	7.2	7.2	7.2	3.6	3.6
40°	54.4	43.5	29.0	21.7	14.5	10.9	7.2	7.2	7.2	3.6	3.6
37.5°	68.9	54.4	36.2	25.4	18.1	10.9	10.9	7.2	7.2	3.6	3.6
35°	79.7	61.6	47.1	29.0	21.7	14.5	10.9	7.2	7.2	3.6	3.6
32.5°	90.6	72.5	58.0	36.2	25.4	18.1	14.5	7.2	7.2	3.6	3.6
30°	101.5	83.3	65.2	47.1	32.6	21.7	14.5	7.2	7.2	3.6	3.6
27.5°	112.3	90.6	72.5	54.4	36.2	25.4	18.1	10.9	7.2	3.6	3.6
25°	123.2	101.5	79.7	61.6	39.9	29.0	18.1	10.9	7.2	7.2	3.6
22.5°	130.5	112.3	90.6	68.9	47.1	32.6	21.7	14.5	7.2	7.2	3.6
20°	141.3	123.2	97.8	76.1	54.4	36.2	21.7	14.5	7.2	7.2	3.6
17.5°	152.2	130.5	105.1	83.3	61.6	39.9	25.4	18.1	7.2	7.2	3.6
15°	163.1	137.7	112.3	87.0	65.2	43.5	25.4	18.1	7.2	7.2	3.6
12.5°	173.9	148.6	119.6	94.2	68.9	47.1	29.0	21.7	10.9	7.2	3.6
10°	181.2	155.8	126.8	97.8	72.5	54.4	32.6	21.7	10.9	7.2	3.6
7.5°	192.1	163.1	134.1	105.1	76.1	58.0	36.2	21.7	10.9	7.2	3.6
5°	195.7	170.3	137.7	112.3	79.7	61.6	39.9	25.4	10.9	7.2	3.6
2.5°	199.3	177.6	141.3	116.0	83.3	61.6	39.9	25.4	14.5	7.2	3.6
0°	202.9	181.2	144.9	119.6	87.0	65.2	43.5	25.4	14.5	7.2	3.6
-2.5°	206.6	184.8	152.2	123.2	90.6	68.9	47.1	25.4	14.5	7.2	3.6
-5°	210.2	184.8	159.4	126.8	94.2	68.9	47.1	29.0	18.1	7.2	3.6
-7.5°	213.8	188.4	163.1	130.5	97.8	68.9	50.7	29.0	18.1	10.9	3.6
-10°	217.4	192.1	166.7	134.1	97.8	72.5	50.7	29.0	18.1	10.9	3.6
-12.5°	221.0	195.7	166.7	134.1	101.5	72.5	50.7	32.6	18.1	10.9	3.6
-15°	224.7	195.7	166.7	134.1	101.5	76.1	54.4	32.6	18.1	10.9	7.2
-17.5°	224.7	195.7	166.7	137.7	101.5	76.1	54.4	32.6	18.1	10.9	7.2
-20°	224.7	195.7	166.7	137.7	101.5	76.1	54.4	32.6	18.1	10.9	7.2



REPORT NUMBER: P724191  
 CATALOG NUMBER: IFLD-S-SA3C-760-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	221.0	192.1	166.7	134.1	101.5	76.1	54.4	32.6	21.7	10.9	7.2
-25°	221.0	192.1	166.7	134.1	101.5	76.1	50.7	32.6	21.7	10.9	7.2
-27.5°	217.4	192.1	163.1	130.5	97.8	72.5	50.7	32.6	21.7	10.9	7.2
-30°	213.8	188.4	159.4	126.8	97.8	72.5	50.7	32.6	21.7	10.9	7.2
-32.5°	210.2	181.2	155.8	123.2	94.2	68.9	50.7	32.6	21.7	10.9	7.2
-35°	202.9	177.6	148.6	119.6	90.6	68.9	47.1	32.6	21.7	14.5	7.2
-37.5°	195.7	170.3	144.9	116.0	87.0	65.2	47.1	32.6	21.7	14.5	7.2
-40°	188.4	166.7	137.7	108.7	83.3	61.6	47.1	32.6	21.7	14.5	10.9
-42.5°	181.2	159.4	134.1	105.1	83.3	61.6	43.5	32.6	21.7	14.5	10.9
-45°	177.6	155.8	126.8	101.5	79.7	61.6	43.5	29.0	21.7	14.5	10.9
-47.5°	170.3	144.9	119.6	97.8	76.1	58.0	39.9	29.0	21.7	14.5	10.9
-50°	159.4	137.7	116.0	94.2	72.5	54.4	39.9	29.0	21.7	14.5	10.9
-52.5°	148.6	126.8	108.7	87.0	68.9	54.4	39.9	29.0	21.7	14.5	10.9
-55°	137.7	119.6	101.5	83.3	65.2	50.7	36.2	29.0	21.7	14.5	10.9
-57.5°	130.5	112.3	94.2	76.1	61.6	47.1	36.2	25.4	18.1	14.5	10.9
-60°	123.2	105.1	87.0	72.5	58.0	47.1	36.2	25.4	18.1	14.5	7.2
-62.5°	112.3	97.8	79.7	68.9	54.4	43.5	32.6	25.4	18.1	14.5	7.2
-65°	101.5	87.0	72.5	61.6	50.7	39.9	32.6	25.4	18.1	14.5	7.2
-67.5°	90.6	79.7	68.9	58.0	47.1	39.9	32.6	25.4	18.1	10.9	7.2
-70°	83.3	72.5	61.6	54.4	47.1	36.2	32.6	25.4	18.1	10.9	7.2
-72.5°	72.5	65.2	58.0	50.7	43.5	39.9	32.6	25.4	14.5	10.9	7.2
-75°	68.9	61.6	54.4	50.7	47.1	39.9	32.6	21.7	14.5	10.9	7.2
-77.5°	68.9	61.6	58.0	54.4	47.1	39.9	29.0	18.1	10.9	10.9	7.2
-80°	68.9	65.2	61.6	50.7	43.5	32.6	21.7	18.1	10.9	7.2	3.6
-82.5°	61.6	50.7	43.5	36.2	32.6	25.4	18.1	14.5	7.2	7.2	3.6
-85°	39.9	32.6	29.0	25.4	21.7	18.1	10.9	7.2	7.2	3.6	3.6
-87.5°	18.1	18.1	14.5	10.9	10.9	7.2	7.2	3.6	3.6	3.6	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: P724191  
 CATALOG NUMBER: IFLD-S-SA3C-760-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°	3.6	0.0	0.0	0.0
77.5°	3.6	0.0	0.0	0.0
75°	3.6	3.6	0.0	0.0
72.5°	3.6	3.6	0.0	0.0
70°	3.6	3.6	0.0	0.0
67.5°	3.6	3.6	0.0	0.0
65°	3.6	3.6	0.0	0.0
62.5°	3.6	3.6	0.0	0.0
60°	3.6	3.6	0.0	0.0
57.5°	3.6	3.6	3.6	0.0
55°	3.6	3.6	3.6	0.0
52.5°	3.6	3.6	3.6	0.0
50°	3.6	3.6	3.6	0.0
47.5°	3.6	3.6	3.6	0.0
45°	3.6	3.6	3.6	0.0
42.5°	3.6	3.6	3.6	0.0
40°	3.6	3.6	3.6	0.0
37.5°	3.6	3.6	3.6	0.0
35°	3.6	3.6	3.6	0.0
32.5°	3.6	3.6	3.6	0.0
30°	3.6	3.6	3.6	0.0
27.5°	3.6	3.6	3.6	0.0
25°	3.6	3.6	3.6	0.0
22.5°	3.6	3.6	3.6	0.0
20°	3.6	3.6	3.6	0.0
17.5°	3.6	3.6	3.6	0.0
15°	3.6	3.6	3.6	0.0
12.5°	3.6	3.6	3.6	0.0
10°	3.6	3.6	3.6	0.0
7.5°	3.6	3.6	3.6	0.0
5°	3.6	3.6	3.6	0.0
2.5°	3.6	3.6	3.6	0.0
0°	3.6	3.6	3.6	0.0
-2.5°	3.6	3.6	3.6	0.0
-5°	3.6	3.6	3.6	0.0
-7.5°	3.6	3.6	3.6	0.0
-10°	3.6	3.6	3.6	0.0
-12.5°	3.6	3.6	3.6	0.0
-15°	3.6	3.6	3.6	0.0
-17.5°	3.6	3.6	3.6	0.0
-20°	3.6	3.6	3.6	0.0



REPORT NUMBER: P724191  
CATALOG NUMBER: IFLD-S-SA3C-760-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	3.6	3.6	3.6	0.0
-25°	3.6	3.6	3.6	0.0
-27.5°	3.6	3.6	3.6	0.0
-30°	3.6	3.6	3.6	0.0
-32.5°	3.6	3.6	3.6	0.0
-35°	3.6	3.6	3.6	0.0
-37.5°	3.6	3.6	3.6	0.0
-40°	3.6	3.6	3.6	0.0
-42.5°	3.6	3.6	3.6	0.0
-45°	3.6	3.6	3.6	0.0
-47.5°	3.6	3.6	3.6	0.0
-50°	3.6	3.6	3.6	0.0
-52.5°	3.6	3.6	3.6	0.0
-55°	3.6	3.6	3.6	0.0
-57.5°	3.6	3.6	3.6	0.0
-60°	3.6	3.6	0.0	0.0
-62.5°	3.6	3.6	0.0	0.0
-65°	3.6	3.6	0.0	0.0
-67.5°	3.6	3.6	0.0	0.0
-70°	3.6	3.6	0.0	0.0
-72.5°	3.6	3.6	0.0	0.0
-75°	3.6	3.6	0.0	0.0
-77.5°	3.6	0.0	0.0	0.0
-80°	3.6	0.0	0.0	0.0
-82.5°	3.6	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)