

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: P724230

Luminaire Tested: **IFLD-M-SA4C-827-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724230  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4C-827-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (64) 2700K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

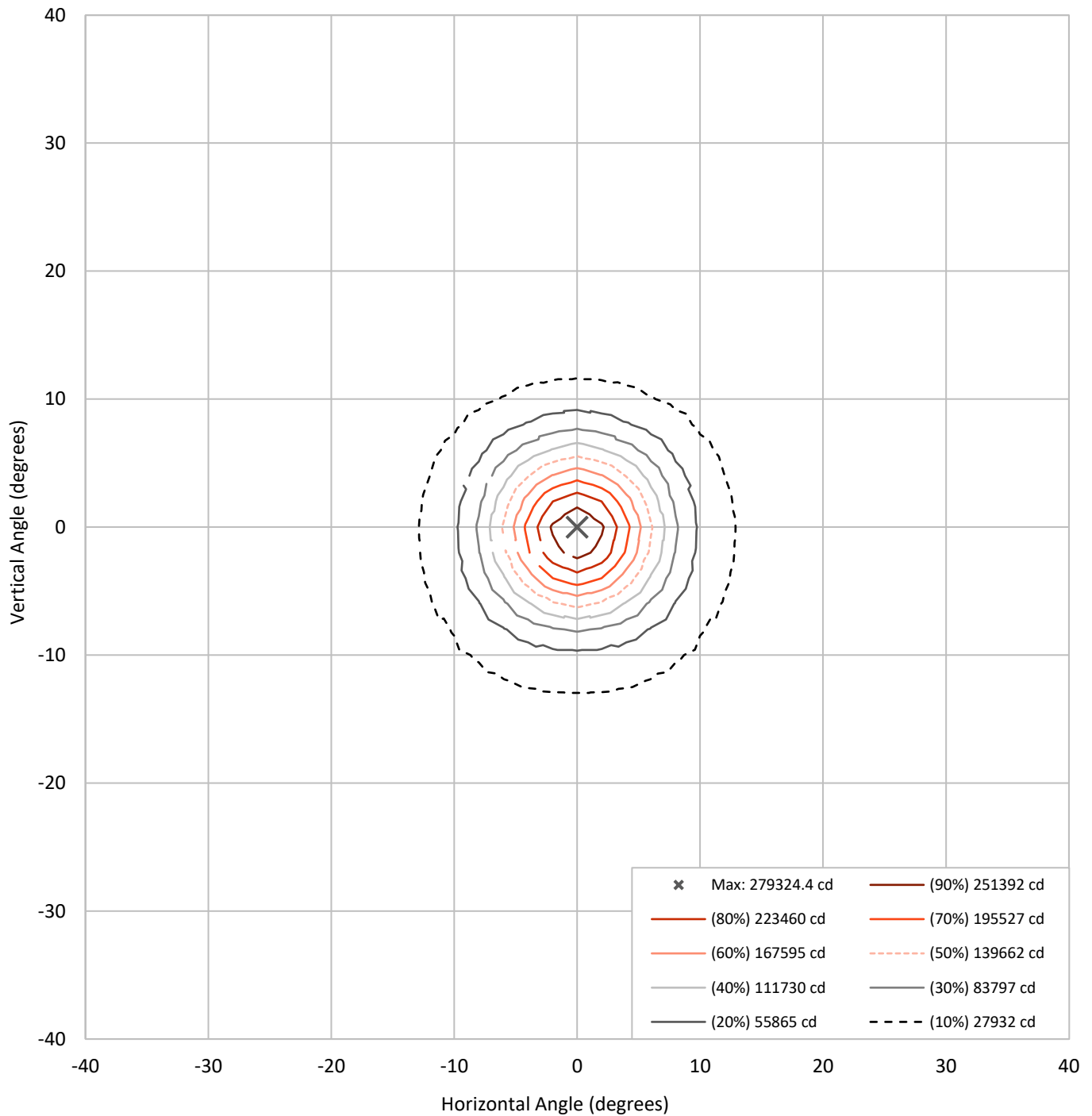
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	19510.9 lumens	Max Intensity:	279324.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6103.9 lumens	Field Lumens:	13888.6 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





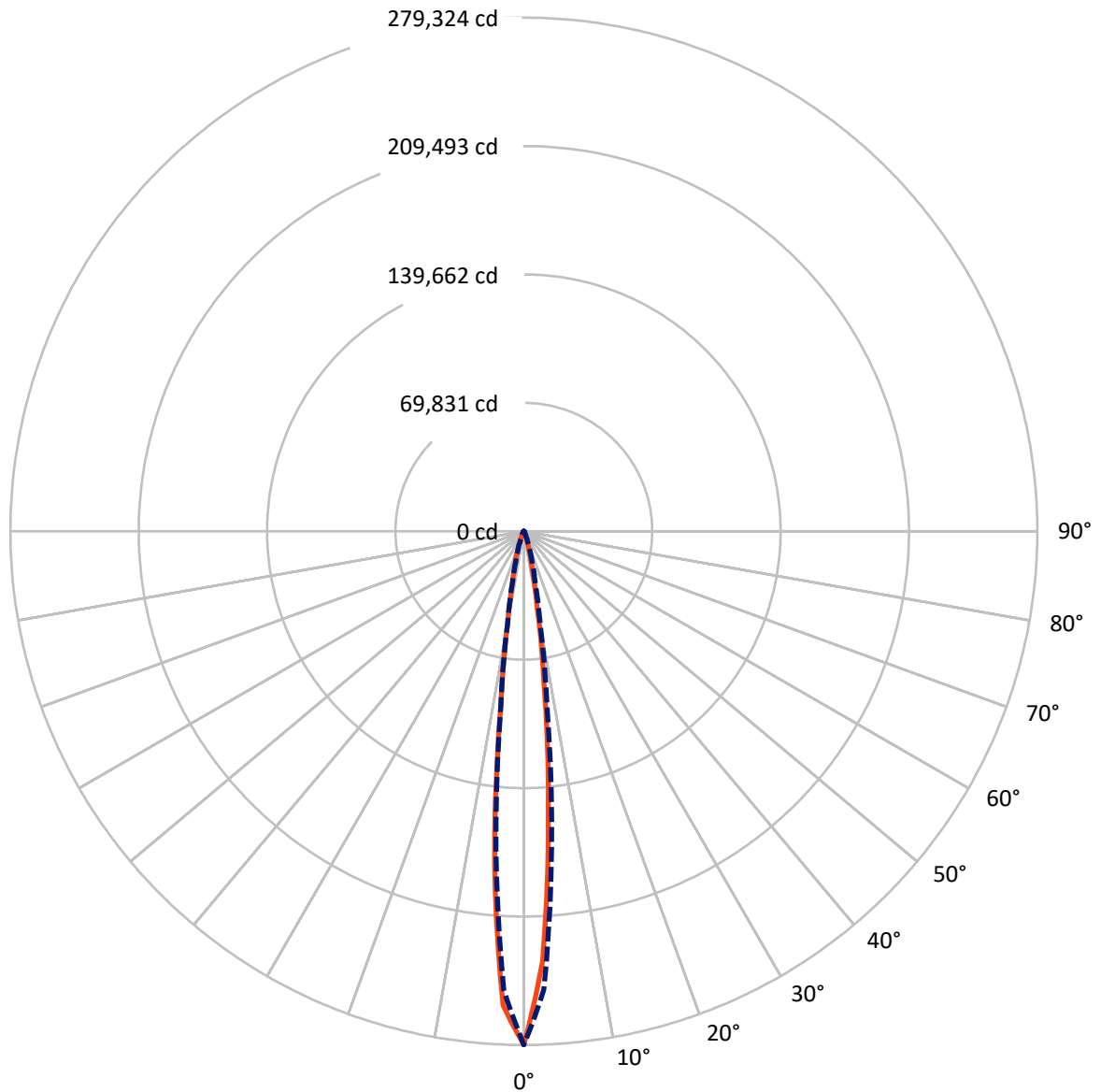
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### Lumen Table

90	0.1	1.2		1.0		0.4		0.0		0.4		1.0		1.2		0.1
80	0.1	1.2		1.0		0.4		0.0		0.4		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	0.5	1.0	1.5	1.9	2.2	2.2	1.9	1.5	1.0	0.5	0.2	0.1	
50	0.1	0.2	0.6	1.6	2.8	3.9	5.2	6.1	6.1	5.2	3.9	2.8	1.6	0.6	0.2	0.1
40		0.3	1.4	2.9	5.0	7.8	11.9	14.2	14.2	11.9	7.8	5.0	2.9	1.4	0.3	
30	0.2	0.6	2.1	4.3	7.8	13.5	26.0	42.0	42.0	26.0	13.5	7.8	4.3	2.1	0.6	0.2
20		0.9	2.8	5.9	11.9	29.4	153.7	388.9	388.9	153.7	29.4	11.9	5.9	2.8	0.9	
10	0.3	1.1	3.3	6.9	14.5	59.8	495.1	3050.8	3050.8	495.1	59.8	14.5	6.9	3.3	1.1	0.3
0		1.3	3.6	7.3	15.1	68.1	544.8	3359.8	3359.8	544.8	68.1	15.1	7.3	3.6	1.3	
-10	0.4	1.3	3.8	7.2	14.2	40.8	244.5	589.2	589.2	244.5	40.8	14.2	7.2	3.8	1.3	0.4
-20		1.3	3.7	6.9	12.0	20.8	50.5	94.9	94.9	50.5	20.8	12.0	6.9	3.7	1.3	
-30	0.4	1.2	3.5	6.4	10.0	14.7	20.9	24.5	24.5	20.9	14.7	10.0	6.4	3.5	1.2	0.4
-40		1.0	3.0	5.7	8.7	11.5	14.5	16.1	16.1	14.5	11.5	8.7	5.7	3.0	1.0	
-50	0.4	0.9	2.4	4.8	7.6	10.0	12.3	13.4	13.4	12.3	10.0	7.6	4.8	2.4	0.9	0.4
-60		0.7	1.7	3.5	5.8	8.0	10.1	11.2	11.2	10.1	8.0	5.8	3.5	1.7	0.7	
-70	0.4	0.9	2.4	4.8	7.6	10.0	12.3	13.4	13.4	12.3	10.0	7.6	4.8	2.4	0.9	0.4
-80		0.7	1.7	3.5	5.8	8.0	10.1	11.2	11.2	10.1	8.0	5.8	3.5	1.7	0.7	
-90	0.2	2.6		7.3		13.5		16.3		13.5		7.3		2.6		0.2

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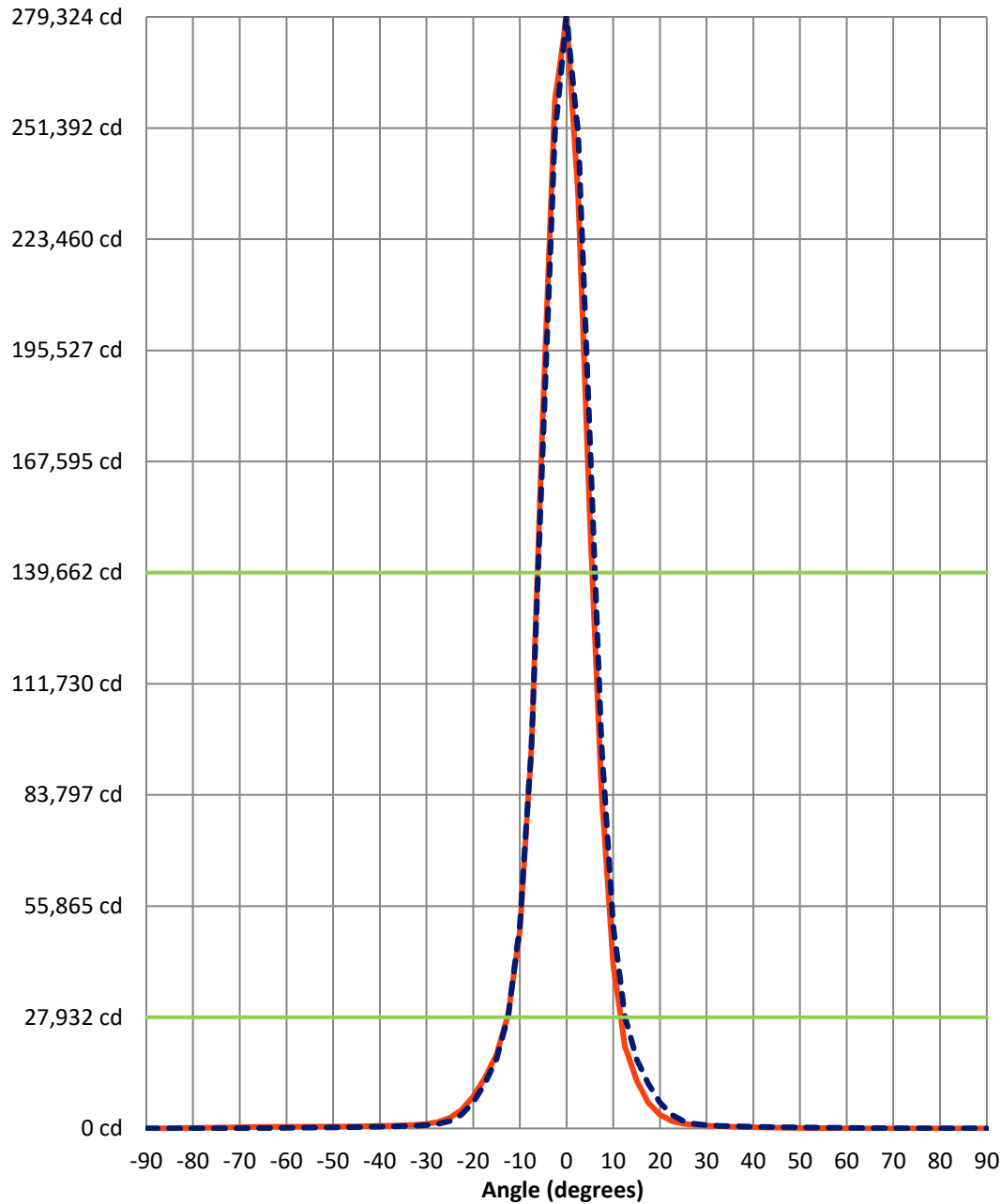
### Luminous Intensity Polar Plot



— 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: 6103.9  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 13888.6  
Efficiency: 71.2%

**Spill:**  
Lumens: 5622.3  
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	3.5	3.5
85°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	7.0	7.0
82.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	7.0	7.0	7.0
80°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	7.0	7.0	7.0
77.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	7.0
75°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
72.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
70°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
67.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
65°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
62.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
60°	7.0	7.0	7.0	7.0	10.5	10.5	14.0	14.0	14.0	7.0	14.0
57.5°	55.9	55.9	52.4	48.9	45.4	41.9	41.9	41.9	41.9	41.9	35.0
55°	76.9	76.9	76.9	73.4	73.4	69.9	66.4	62.9	62.9	59.4	55.9
52.5°	90.9	90.9	90.9	90.9	87.4	87.4	87.4	83.9	76.9	76.9	73.4
50°	129.3	125.8	125.8	125.8	125.8	118.8	115.3	108.4	104.9	101.4	97.9
47.5°	167.8	167.8	164.3	164.3	160.8	153.8	146.8	139.8	132.8	129.3	122.3
45°	199.2	199.2	195.7	195.7	192.2	185.3	174.8	164.3	157.3	150.3	143.3
42.5°	244.7	241.2	237.7	234.2	227.2	216.7	202.7	188.8	178.3	167.8	160.8
40°	293.6	293.6	290.1	286.6	276.1	265.7	248.2	230.7	213.2	192.2	181.8
37.5°	353.0	356.5	360.0	360.0	353.0	339.1	314.6	293.6	265.7	237.7	223.7
35°	461.4	461.4	468.4	468.4	457.9	440.4	422.9	377.5	342.6	307.6	276.1
32.5°	580.2	583.7	569.8	559.3	545.3	524.3	492.9	454.4	416.0	370.5	335.6
30°	695.6	695.6	678.1	657.1	629.2	594.2	555.8	513.8	468.4	422.9	381.0
27.5°	877.4	859.9	845.9	810.9	762.0	695.6	646.7	580.2	520.8	468.4	422.9
25°	1178.0	1174.5	1143.0	1083.6	985.7	880.9	800.5	688.6	597.7	517.3	464.9
22.5°	1873.6	1849.1	1775.7	1628.9	1398.2	1216.4	1052.1	877.4	713.1	604.7	520.8
20°	3464.0	3383.6	3187.8	2782.4	2265.0	1908.5	1499.5	1205.9	929.8	727.1	601.2
17.5°	6463.1	6410.6	6337.2	5400.5	4348.3	3593.3	2674.0	1849.1	1321.3	950.8	713.1
15°	12115.2	11727.2	10916.3	9794.2	8322.7	6431.6	4729.3	2985.1	1887.5	1265.4	905.3
12.5°	20710.5	20280.6	18186.8	15379.9	12733.9	10042.4	7050.3	4537.1	2688.0	1607.9	1073.1
10°	41267.2	38145.8	32283.9	24094.1	18805.5	14023.7	9899.1	6190.4	3498.9	2030.9	1272.3
7.5°	84523.3	74323.6	57272.8	40431.8	26170.4	18393.0	12643.0	8095.4	4662.9	2541.2	1454.1
5°	153194.8	135098.9	101780.3	61285.6	38002.5	23052.4	15002.4	9626.5	5519.3	2957.1	1635.9
2.5°	233918.5	210509.6	147147.7	84271.6	46859.9	26659.7	16652.3	10633.1	6064.6	3240.3	1775.7
0°	279324.4	249508.2	173290.1	96481.2	51078.9	28190.7	17459.7	11237.8	6526.0	3471.0	1866.6
-2.5°	258026.6	234023.4	159255.9	89623.2	48810.4	27519.6	17575.1	11388.2	6602.9	3533.9	1908.5
-5°	181857.4	162157.1	110193.8	66137.3	41414.0	25349.0	16582.4	10821.9	6389.7	3443.0	1891.0
-7.5°	96212.1	87298.7	65350.8	47524.0	30228.6	21455.0	14929.0	9818.7	5837.4	3198.3	1786.2
-10°	49708.7	47880.6	41260.2	31102.5	24461.1	17973.6	12740.9	8396.1	4879.6	2754.4	1607.9
-12.5°	28659.1	28348.0	26219.3	22507.2	18756.5	14764.8	10454.9	6847.6	4072.2	2282.5	1356.2
-15°	18557.3	18690.1	17949.1	16404.1	14268.4	11049.1	8032.5	5092.9	3013.1	1849.1	1195.4
-17.5°	12664.0	12629.0	12283.0	11223.9	9504.1	7462.8	5323.6	3596.8	2282.5	1440.1	992.7
-20°	8011.6	8025.5	7704.0	6973.4	5708.1	4600.0	3313.7	2425.8	1618.4	1132.5	877.4



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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°	4648.9	4659.4	4456.7	4044.2	3380.1	2726.4	2153.2	1604.4	1191.9	943.8	769.0
-25°	2670.5	2628.6	2548.2	2348.9	2037.8	1681.3	1429.6	1129.0	954.3	800.5	702.6
-27.5°	1618.4	1590.4	1548.5	1461.1	1338.8	1160.5	1045.1	912.3	810.9	720.1	660.6
-30°	1129.0	1139.5	1104.6	1059.1	1003.2	922.8	859.9	797.0	730.5	674.6	618.7
-32.5°	898.3	905.3	887.8	870.4	842.4	810.9	772.5	727.1	674.6	622.2	569.8
-35°	772.5	776.0	776.0	772.5	765.5	741.0	713.1	671.1	622.2	573.3	527.8
-37.5°	709.6	713.1	713.1	709.6	699.1	678.1	650.2	615.2	569.8	524.3	489.4
-40°	643.2	646.7	643.2	636.2	625.7	604.7	583.7	555.8	520.8	482.4	450.9
-42.5°	580.2	576.7	573.3	566.3	555.8	541.8	524.3	503.3	478.9	450.9	426.4
-45°	520.8	520.8	517.3	513.8	506.8	496.4	485.9	468.4	450.9	429.9	409.0
-47.5°	489.4	489.4	485.9	482.4	478.9	471.9	461.4	447.4	433.4	416.0	398.5
-50°	468.4	468.4	468.4	464.9	461.4	454.4	443.9	433.4	419.5	402.0	384.5
-52.5°	454.4	454.4	454.4	450.9	447.4	443.9	433.4	419.5	402.0	388.0	374.0
-55°	447.4	443.9	443.9	440.4	436.9	433.4	419.5	405.5	391.5	377.5	363.5
-57.5°	436.9	433.4	433.4	429.9	426.4	422.9	409.0	395.0	381.0	363.5	353.0
-60°	426.4	422.9	422.9	416.0	412.5	409.0	395.0	381.0	367.0	353.0	339.1
-62.5°	412.5	409.0	405.5	402.0	395.0	388.0	377.5	363.5	346.0	332.1	318.1
-65°	381.0	377.5	374.0	370.5	367.0	363.5	353.0	335.6	321.6	307.6	293.6
-67.5°	342.6	342.6	342.6	335.6	332.1	325.1	318.1	304.1	290.1	276.1	265.7
-70°	297.1	297.1	297.1	290.1	286.6	283.1	272.6	262.2	251.7	241.2	227.2
-72.5°	251.7	248.2	248.2	244.7	237.7	234.2	227.2	220.2	209.7	202.7	192.2
-75°	206.2	202.7	202.7	199.2	195.7	192.2	185.3	181.8	174.8	167.8	157.3
-77.5°	164.3	164.3	164.3	160.8	157.3	153.8	150.3	146.8	143.3	136.3	129.3
-80°	125.8	125.8	125.8	125.8	125.8	125.8	125.8	122.3	115.3	111.9	108.4
-82.5°	90.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	90.9	87.4	83.9
-85°	59.4	62.9	62.9	66.4	69.9	69.9	73.4	69.9	66.4	59.4	55.9
-87.5°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	28.0	28.0	28.0	24.5
-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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	7.0	7.0	7.0
85°	7.0	7.0	7.0	7.0	10.5	10.5	10.5	14.0	14.0	14.0	14.0
82.5°	7.0	10.5	10.5	10.5	14.0	14.0	17.5	21.0	28.0	31.5	31.5
80°	7.0	10.5	10.5	10.5	14.0	14.0	17.5	17.5	21.0	24.5	31.5
77.5°	7.0	7.0	10.5	10.5	10.5	14.0	14.0	17.5	17.5	21.0	24.5
75°	3.5	7.0	7.0	7.0	10.5	10.5	14.0	14.0	17.5	17.5	21.0
72.5°	3.5	7.0	7.0	7.0	10.5	10.5	14.0	14.0	14.0	17.5	17.5
70°	3.5	7.0	7.0	7.0	7.0	10.5	10.5	10.5	14.0	14.0	14.0
67.5°	3.5	3.5	3.5	7.0	7.0	7.0	7.0	10.5	10.5	10.5	14.0
65°	3.5	3.5	3.5	3.5	7.0	7.0	7.0	7.0	10.5	10.5	10.5
62.5°	3.5	3.5	3.5	7.0	7.0	7.0	7.0	7.0	10.5	10.5	10.5
60°	14.0	14.0	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
57.5°	31.5	31.5	28.0	24.5	21.0	21.0	17.5	14.0	14.0	10.5	10.5
55°	52.4	48.9	45.4	38.4	35.0	31.5	28.0	21.0	17.5	14.0	10.5
52.5°	66.4	62.9	59.4	55.9	48.9	41.9	38.4	35.0	28.0	21.0	17.5
50°	97.9	87.4	80.4	73.4	66.4	59.4	52.4	48.9	38.4	31.5	24.5
47.5°	118.8	111.9	101.4	94.4	87.4	76.9	66.4	59.4	52.4	41.9	31.5
45°	136.3	129.3	118.8	111.9	104.9	94.4	83.9	73.4	66.4	55.9	41.9
42.5°	153.8	146.8	136.3	129.3	118.8	108.4	97.9	87.4	76.9	69.9	55.9
40°	178.3	167.8	153.8	146.8	139.8	125.8	111.9	101.4	90.9	80.4	66.4
37.5°	209.7	199.2	181.8	167.8	157.3	146.8	132.8	118.8	108.4	94.4	80.4
35°	258.7	241.2	216.7	195.7	181.8	167.8	150.3	136.3	122.3	108.4	94.4
32.5°	307.6	279.6	248.2	223.7	202.7	185.3	167.8	153.8	136.3	118.8	104.9
30°	346.0	314.6	283.1	248.2	223.7	202.7	185.3	167.8	150.3	132.8	115.3
27.5°	384.5	349.5	314.6	279.6	244.7	216.7	199.2	181.8	164.3	146.8	125.8
25°	422.9	384.5	349.5	311.1	269.1	237.7	213.2	199.2	181.8	160.8	136.3
22.5°	457.9	422.9	388.0	346.0	297.1	255.2	230.7	213.2	195.7	171.3	150.3
20°	524.3	478.9	436.9	384.5	328.6	286.6	255.2	230.7	209.7	185.3	160.8
17.5°	611.7	545.3	489.4	429.9	374.0	321.6	276.1	248.2	227.2	199.2	171.3
15°	723.6	608.2	538.3	478.9	412.5	353.0	304.1	265.7	237.7	209.7	185.3
12.5°	807.4	657.1	580.2	524.3	454.4	388.0	325.1	279.6	248.2	220.2	192.2
10°	901.8	709.6	615.2	552.3	478.9	405.5	339.1	290.1	255.2	230.7	202.7
7.5°	978.7	751.5	632.7	562.8	492.9	419.5	353.0	300.6	265.7	237.7	209.7
5°	1048.6	786.5	646.7	566.3	499.8	429.9	360.0	307.6	272.6	244.7	216.7
2.5°	1097.6	817.9	660.6	573.3	506.8	436.9	370.5	314.6	279.6	251.7	223.7
0°	1139.5	828.4	657.1	573.3	510.3	436.9	374.0	318.1	283.1	255.2	227.2
-2.5°	1153.5	845.9	674.6	580.2	517.3	443.9	381.0	321.6	286.6	258.7	234.2
-5°	1153.5	831.9	674.6	587.2	520.8	447.4	381.0	325.1	290.1	262.2	234.2
-7.5°	1111.6	810.9	671.1	594.2	524.3	450.9	381.0	328.6	293.6	265.7	237.7
-10°	1038.1	779.5	667.6	597.7	524.3	447.4	381.0	328.6	293.6	265.7	241.2
-12.5°	919.3	737.5	650.2	590.7	517.3	440.4	377.5	328.6	293.6	269.1	241.2
-15°	859.9	702.6	629.2	569.8	499.8	429.9	370.5	325.1	293.6	269.1	244.7
-17.5°	779.5	674.6	608.2	548.8	485.9	419.5	363.5	325.1	293.6	265.7	244.7
-20°	723.6	643.2	583.7	531.3	468.4	409.0	360.0	321.6	293.6	265.7	244.7



REPORT NUMBER: P724230  
 CATALOG NUMBER: IFLD-M-SA4C-827-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°	674.6	608.2	555.8	503.3	447.4	395.0	353.0	318.1	290.1	265.7	244.7
-25°	636.2	576.7	527.8	478.9	429.9	384.5	346.0	314.6	286.6	265.7	241.2
-27.5°	601.2	545.3	499.8	454.4	409.0	374.0	339.1	311.1	286.6	262.2	237.7
-30°	562.8	517.3	471.9	429.9	398.5	363.5	332.1	304.1	283.1	258.7	234.2
-32.5°	524.3	482.4	443.9	412.5	384.5	356.5	328.6	300.6	276.1	251.7	227.2
-35°	489.4	450.9	422.9	395.0	374.0	349.5	321.6	293.6	272.6	248.2	227.2
-37.5°	454.4	426.4	402.0	381.0	360.0	339.1	311.1	286.6	265.7	241.2	216.7
-40°	426.4	405.5	388.0	370.5	349.5	325.1	304.1	279.6	258.7	234.2	206.2
-42.5°	409.0	391.5	374.0	356.5	339.1	318.1	297.1	272.6	251.7	227.2	199.2
-45°	391.5	377.5	363.5	349.5	332.1	311.1	286.6	262.2	241.2	216.7	195.7
-47.5°	381.0	367.0	353.0	342.6	328.6	300.6	279.6	255.2	230.7	209.7	185.3
-50°	370.5	356.5	346.0	332.1	314.6	290.1	269.1	244.7	223.7	199.2	178.3
-52.5°	360.0	346.0	332.1	318.1	300.6	279.6	258.7	237.7	213.2	188.8	167.8
-55°	349.5	335.6	321.6	307.6	290.1	272.6	251.7	223.7	199.2	174.8	153.8
-57.5°	339.1	328.6	311.1	293.6	276.1	258.7	234.2	209.7	185.3	160.8	143.3
-60°	325.1	311.1	297.1	276.1	258.7	237.7	216.7	195.7	171.3	150.3	132.8
-62.5°	304.1	290.1	276.1	255.2	237.7	220.2	202.7	178.3	160.8	139.8	122.3
-65°	279.6	265.7	251.7	234.2	216.7	199.2	185.3	164.3	146.8	129.3	115.3
-67.5°	251.7	237.7	227.2	209.7	195.7	178.3	164.3	146.8	129.3	115.3	101.4
-70°	216.7	206.2	195.7	181.8	167.8	153.8	139.8	125.8	111.9	101.4	87.4
-72.5°	185.3	174.8	164.3	153.8	143.3	129.3	118.8	108.4	97.9	87.4	80.4
-75°	150.3	143.3	136.3	129.3	118.8	108.4	101.4	90.9	83.9	76.9	73.4
-77.5°	125.8	118.8	111.9	104.9	97.9	90.9	83.9	76.9	73.4	69.9	66.4
-80°	101.4	97.9	94.4	87.4	83.9	76.9	73.4	66.4	66.4	66.4	66.4
-82.5°	80.4	76.9	73.4	69.9	66.4	62.9	62.9	59.4	62.9	62.9	59.4
-85°	55.9	52.4	48.9	48.9	45.4	45.4	41.9	41.9	41.9	38.4	38.4
-87.5°	24.5	24.5	24.5	24.5	21.0	21.0	21.0	21.0	21.0	17.5	17.5
-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: P724230  
 CATALOG NUMBER: IFLD-M-SA4C-827-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°	7.0	7.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	0.0	0.0
85°	14.0	14.0	10.5	10.5	10.5	7.0	7.0	3.5	3.5	3.5	3.5
82.5°	31.5	28.0	24.5	21.0	17.5	14.0	10.5	7.0	7.0	3.5	3.5
80°	38.4	38.4	38.4	35.0	28.0	21.0	14.0	10.5	7.0	3.5	3.5
77.5°	28.0	28.0	31.5	35.0	35.0	28.0	17.5	10.5	7.0	7.0	3.5
75°	21.0	21.0	21.0	24.5	28.0	28.0	21.0	14.0	7.0	7.0	3.5
72.5°	21.0	21.0	21.0	21.0	21.0	21.0	21.0	14.0	10.5	7.0	7.0
70°	17.5	17.5	17.5	17.5	17.5	17.5	17.5	14.0	10.5	7.0	7.0
67.5°	14.0	14.0	17.5	17.5	17.5	14.0	14.0	14.0	10.5	7.0	7.0
65°	10.5	14.0	14.0	17.5	14.0	14.0	14.0	10.5	10.5	7.0	7.0
62.5°	10.5	10.5	14.0	14.0	14.0	14.0	10.5	10.5	10.5	7.0	7.0
60°	10.5	10.5	10.5	14.0	10.5	10.5	10.5	10.5	10.5	7.0	7.0
57.5°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	7.0	7.0	7.0	7.0
55°	10.5	10.5	10.5	10.5	10.5	10.5	7.0	7.0	7.0	7.0	7.0
52.5°	14.0	10.5	10.5	10.5	10.5	10.5	7.0	7.0	7.0	7.0	7.0
50°	17.5	10.5	10.5	10.5	10.5	7.0	7.0	7.0	7.0	7.0	7.0
47.5°	24.5	17.5	14.0	10.5	10.5	7.0	7.0	7.0	7.0	7.0	3.5
45°	35.0	24.5	17.5	14.0	10.5	7.0	7.0	7.0	7.0	7.0	3.5
42.5°	41.9	31.5	21.0	17.5	14.0	10.5	7.0	7.0	7.0	3.5	3.5
40°	52.4	41.9	28.0	21.0	14.0	10.5	7.0	7.0	7.0	3.5	3.5
37.5°	66.4	52.4	35.0	24.5	17.5	10.5	10.5	7.0	7.0	3.5	3.5
35°	76.9	59.4	45.4	28.0	21.0	14.0	10.5	7.0	7.0	3.5	3.5
32.5°	87.4	69.9	55.9	35.0	24.5	17.5	14.0	7.0	7.0	3.5	3.5
30°	97.9	80.4	62.9	45.4	31.5	21.0	14.0	7.0	7.0	3.5	3.5
27.5°	108.4	87.4	69.9	52.4	35.0	24.5	17.5	10.5	7.0	3.5	3.5
25°	118.8	97.9	76.9	59.4	38.4	28.0	17.5	10.5	7.0	7.0	3.5
22.5°	125.8	108.4	87.4	66.4	45.4	31.5	21.0	14.0	7.0	7.0	3.5
20°	136.3	118.8	94.4	73.4	52.4	35.0	21.0	14.0	7.0	7.0	3.5
17.5°	146.8	125.8	101.4	80.4	59.4	38.4	24.5	17.5	7.0	7.0	3.5
15°	157.3	132.8	108.4	83.9	62.9	41.9	24.5	17.5	7.0	7.0	3.5
12.5°	167.8	143.3	115.3	90.9	66.4	45.4	28.0	21.0	10.5	7.0	3.5
10°	174.8	150.3	122.3	94.4	69.9	52.4	31.5	21.0	10.5	7.0	3.5
7.5°	185.3	157.3	129.3	101.4	73.4	55.9	35.0	21.0	10.5	7.0	3.5
5°	188.8	164.3	132.8	108.4	76.9	59.4	38.4	24.5	10.5	7.0	3.5
2.5°	192.2	171.3	136.3	111.9	80.4	59.4	38.4	24.5	14.0	7.0	3.5
0°	195.7	174.8	139.8	115.3	83.9	62.9	41.9	24.5	14.0	7.0	3.5
-2.5°	199.2	178.3	146.8	118.8	87.4	66.4	45.4	24.5	14.0	7.0	3.5
-5°	202.7	178.3	153.8	122.3	90.9	66.4	45.4	28.0	17.5	7.0	3.5
-7.5°	206.2	181.8	157.3	125.8	94.4	66.4	48.9	28.0	17.5	10.5	3.5
-10°	209.7	185.3	160.8	129.3	94.4	69.9	48.9	28.0	17.5	10.5	3.5
-12.5°	213.2	188.8	160.8	129.3	97.9	69.9	48.9	31.5	17.5	10.5	3.5
-15°	216.7	188.8	160.8	129.3	97.9	73.4	52.4	31.5	17.5	10.5	7.0
-17.5°	216.7	188.8	160.8	132.8	97.9	73.4	52.4	31.5	17.5	10.5	7.0
-20°	216.7	188.8	160.8	132.8	97.9	73.4	52.4	31.5	17.5	10.5	7.0



REPORT NUMBER: P724230  
 CATALOG NUMBER: IFLD-M-SA4C-827-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	213.2	185.3	160.8	129.3	97.9	73.4	52.4	31.5	21.0	10.5	7.0
-25°	213.2	185.3	160.8	129.3	97.9	73.4	48.9	31.5	21.0	10.5	7.0
-27.5°	209.7	185.3	157.3	125.8	94.4	69.9	48.9	31.5	21.0	10.5	7.0
-30°	206.2	181.8	153.8	122.3	94.4	69.9	48.9	31.5	21.0	10.5	7.0
-32.5°	202.7	174.8	150.3	118.8	90.9	66.4	48.9	31.5	21.0	10.5	7.0
-35°	195.7	171.3	143.3	115.3	87.4	66.4	45.4	31.5	21.0	14.0	7.0
-37.5°	188.8	164.3	139.8	111.9	83.9	62.9	45.4	31.5	21.0	14.0	7.0
-40°	181.8	160.8	132.8	104.9	80.4	59.4	45.4	31.5	21.0	14.0	10.5
-42.5°	174.8	153.8	129.3	101.4	80.4	59.4	41.9	31.5	21.0	14.0	10.5
-45°	171.3	150.3	122.3	97.9	76.9	59.4	41.9	28.0	21.0	14.0	10.5
-47.5°	164.3	139.8	115.3	94.4	73.4	55.9	38.4	28.0	21.0	14.0	10.5
-50°	153.8	132.8	111.9	90.9	69.9	52.4	38.4	28.0	21.0	14.0	10.5
-52.5°	143.3	122.3	104.9	83.9	66.4	52.4	38.4	28.0	21.0	14.0	10.5
-55°	132.8	115.3	97.9	80.4	62.9	48.9	35.0	28.0	21.0	14.0	10.5
-57.5°	125.8	108.4	90.9	73.4	59.4	45.4	35.0	24.5	17.5	14.0	10.5
-60°	118.8	101.4	83.9	69.9	55.9	45.4	35.0	24.5	17.5	14.0	7.0
-62.5°	108.4	94.4	76.9	66.4	52.4	41.9	31.5	24.5	17.5	14.0	7.0
-65°	97.9	83.9	69.9	59.4	48.9	38.4	31.5	24.5	17.5	14.0	7.0
-67.5°	87.4	76.9	66.4	55.9	45.4	38.4	31.5	24.5	17.5	10.5	7.0
-70°	80.4	69.9	59.4	52.4	45.4	35.0	31.5	24.5	17.5	10.5	7.0
-72.5°	69.9	62.9	55.9	48.9	41.9	38.4	31.5	24.5	14.0	10.5	7.0
-75°	66.4	59.4	52.4	48.9	45.4	38.4	31.5	21.0	14.0	10.5	7.0
-77.5°	66.4	59.4	55.9	52.4	45.4	38.4	28.0	17.5	10.5	10.5	7.0
-80°	66.4	62.9	59.4	48.9	41.9	31.5	21.0	17.5	10.5	7.0	3.5
-82.5°	59.4	48.9	41.9	35.0	31.5	24.5	17.5	14.0	7.0	7.0	3.5
-85°	38.4	31.5	28.0	24.5	21.0	17.5	10.5	7.0	7.0	3.5	3.5
-87.5°	17.5	17.5	14.0	10.5	10.5	7.0	7.0	3.5	3.5	3.5	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: P724230  
 CATALOG NUMBER: IFLD-M-SA4C-827-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°	3.5	0.0	0.0	0.0
77.5°	3.5	0.0	0.0	0.0
75°	3.5	3.5	0.0	0.0
72.5°	3.5	3.5	0.0	0.0
70°	3.5	3.5	0.0	0.0
67.5°	3.5	3.5	0.0	0.0
65°	3.5	3.5	0.0	0.0
62.5°	3.5	3.5	0.0	0.0
60°	3.5	3.5	0.0	0.0
57.5°	3.5	3.5	3.5	0.0
55°	3.5	3.5	3.5	0.0
52.5°	3.5	3.5	3.5	0.0
50°	3.5	3.5	3.5	0.0
47.5°	3.5	3.5	3.5	0.0
45°	3.5	3.5	3.5	0.0
42.5°	3.5	3.5	3.5	0.0
40°	3.5	3.5	3.5	0.0
37.5°	3.5	3.5	3.5	0.0
35°	3.5	3.5	3.5	0.0
32.5°	3.5	3.5	3.5	0.0
30°	3.5	3.5	3.5	0.0
27.5°	3.5	3.5	3.5	0.0
25°	3.5	3.5	3.5	0.0
22.5°	3.5	3.5	3.5	0.0
20°	3.5	3.5	3.5	0.0
17.5°	3.5	3.5	3.5	0.0
15°	3.5	3.5	3.5	0.0
12.5°	3.5	3.5	3.5	0.0
10°	3.5	3.5	3.5	0.0
7.5°	3.5	3.5	3.5	0.0
5°	3.5	3.5	3.5	0.0
2.5°	3.5	3.5	3.5	0.0
0°	3.5	3.5	3.5	0.0
-2.5°	3.5	3.5	3.5	0.0
-5°	3.5	3.5	3.5	0.0
-7.5°	3.5	3.5	3.5	0.0
-10°	3.5	3.5	3.5	0.0
-12.5°	3.5	3.5	3.5	0.0
-15°	3.5	3.5	3.5	0.0
-17.5°	3.5	3.5	3.5	0.0
-20°	3.5	3.5	3.5	0.0



REPORT NUMBER: P724230  
CATALOG NUMBER: IFLD-M-SA4C-827-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	3.5	3.5	3.5	0.0
-25°	3.5	3.5	3.5	0.0
-27.5°	3.5	3.5	3.5	0.0
-30°	3.5	3.5	3.5	0.0
-32.5°	3.5	3.5	3.5	0.0
-35°	3.5	3.5	3.5	0.0
-37.5°	3.5	3.5	3.5	0.0
-40°	3.5	3.5	3.5	0.0
-42.5°	3.5	3.5	3.5	0.0
-45°	3.5	3.5	3.5	0.0
-47.5°	3.5	3.5	3.5	0.0
-50°	3.5	3.5	3.5	0.0
-52.5°	3.5	3.5	3.5	0.0
-55°	3.5	3.5	3.5	0.0
-57.5°	3.5	3.5	3.5	0.0
-60°	3.5	3.5	0.0	0.0
-62.5°	3.5	3.5	0.0	0.0
-65°	3.5	3.5	0.0	0.0
-67.5°	3.5	3.5	0.0	0.0
-70°	3.5	3.5	0.0	0.0
-72.5°	3.5	3.5	0.0	0.0
-75°	3.5	3.5	0.0	0.0
-77.5°	3.5	0.0	0.0	0.0
-80°	3.5	0.0	0.0	0.0
-82.5°	3.5	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)