

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: P724119

Luminaire Tested: **IFLD-L-SA7C-735-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724119  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7C-735-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (112) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

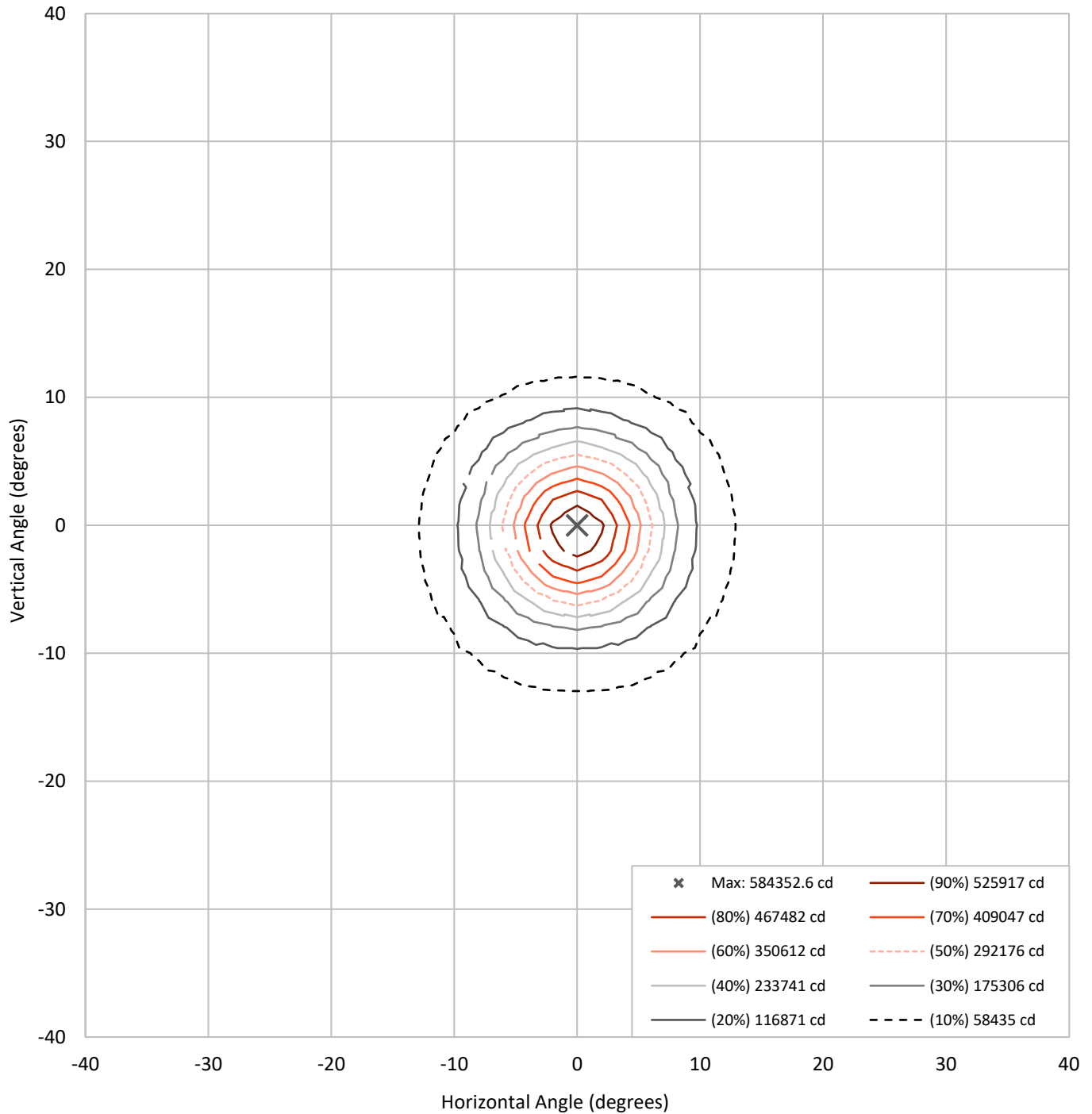
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	40817.3 lumens	Max Intensity:	584352.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	110.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	12769.5 lumens	Field Lumens:	29055.3 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 369  
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





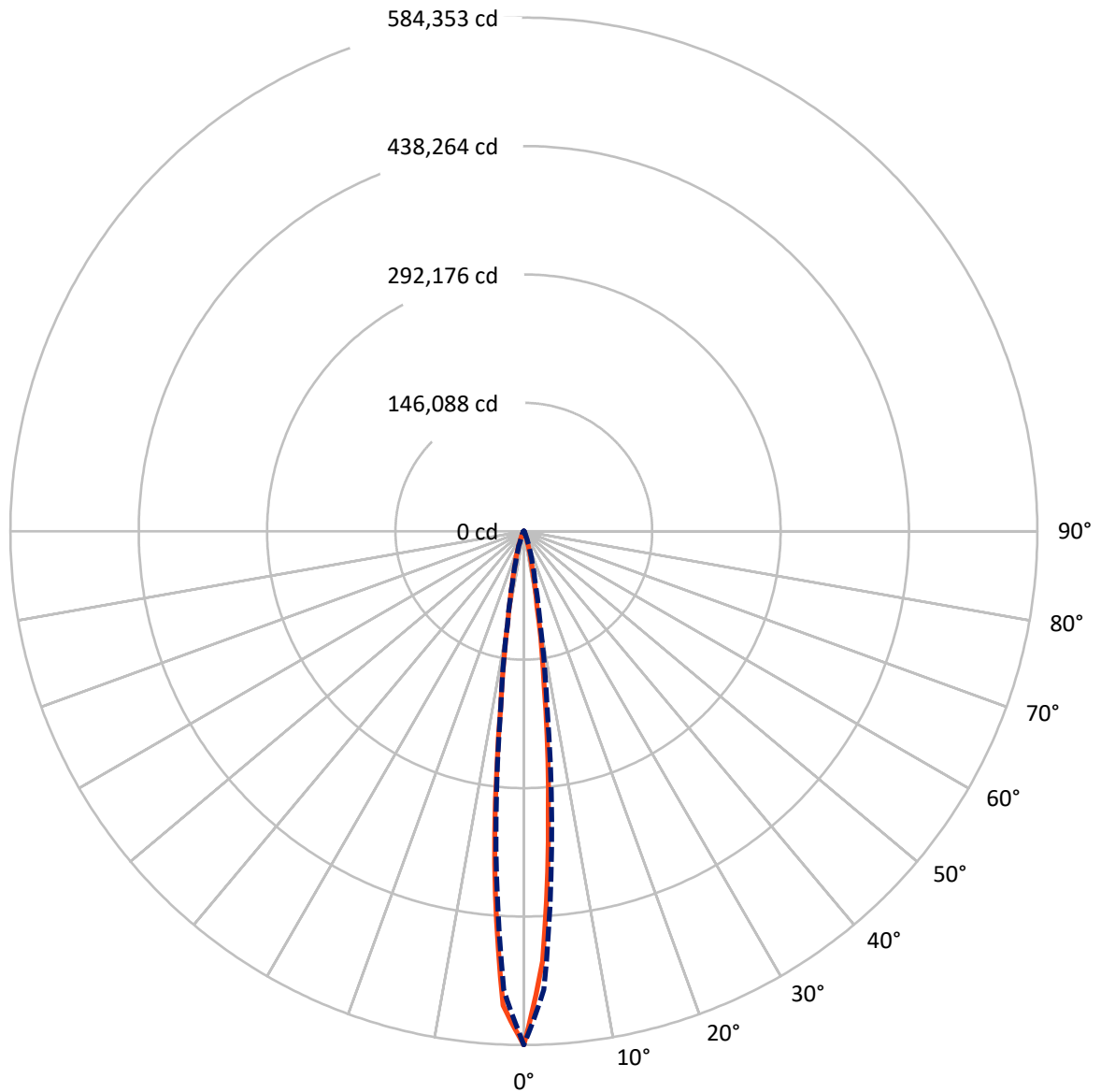
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### Lumen Table

90	0.3	2.4		2.1		0.9		0.1		0.9		2.1		2.4		0.3			
80	0.3	2.4		2.1		0.9		0.1		0.9		2.1		2.4		0.3			
70	0.3	0.4	0.5	0.4	0.3	0.3	0.3	0.1	0.1	0.3	0.3	0.3	0.4	0.5	0.4	0.3			
60		0.3	0.5	1.1	2.1	3.2	4.0	4.5	4.5	4.0	3.2	2.1	1.1	0.5	0.3				
50	0.3	0.3	1.3	3.4	5.8	8.2	10.8	12.8	12.8	10.8	8.2	5.8	3.4	1.3	0.3	0.3			
40		0.7	2.8	6.2	10.4	16.4	24.8	29.7	29.7	24.8	16.4	10.4	6.2	2.8	0.7				
30	0.4	1.2	4.4	9.0	16.4	28.2	54.4	87.9	87.9	54.4	28.2	16.4	9.0	4.4	1.2	0.4			
20		1.8	5.8	12.2	24.8	61.6	321.6	813.6	813.6	321.6	61.6	24.8	12.2	5.8	1.8				
10	0.7	2.3	7.0	14.4	30.3	125.0	1035.7	6382.4	6382.4	1035.7	125.0	30.3	14.4	7.0	2.3	0.7			
0		2.6	7.6	15.3	31.6	142.5	1139.7	7028.7	7028.7	1139.7	142.5	31.6	15.3	7.6	2.6				
-10	0.9	2.8	7.9	15.2	29.7	85.4	511.5	1232.7	1232.7	511.5	85.4	29.7	15.2	7.9	2.8	0.9			
-20		2.8	7.8	14.4	25.1	43.5	105.7	198.6	198.6	105.7	43.5	25.1	14.4	7.8	2.8				
-30	0.9	2.5	7.2	13.4	20.9	30.8	43.6	51.3	51.3	43.6	30.8	20.9	13.4	7.2	2.5	0.9			
-40		2.2	6.3	11.9	18.2	24.0	30.4	33.7	33.7	30.4	24.0	18.2	11.9	6.3	2.2				
-50	0.7	1.8	5.0	10.1	15.9	21.0	25.7	28.1	28.1	25.7	21.0	15.9	10.1	5.0	1.8	0.7			
-60		1.4	3.6	7.4	12.1	16.7	21.1	23.4	23.4	21.1	16.7	12.1	7.4	3.6	1.4				
-70	0.4	1.8	5.0	10.1	15.9	21.0	25.7	28.1	28.1	25.7	21.0	15.9	10.1	5.0	1.8	0.4			
-80		1.4	3.6	7.4	12.1	16.7	21.1	23.4	23.4	21.1	16.7	12.1	7.4	3.6	1.4				
-90	0.4	5.5		15.3		28.2		34.0		28.2		15.3		5.5		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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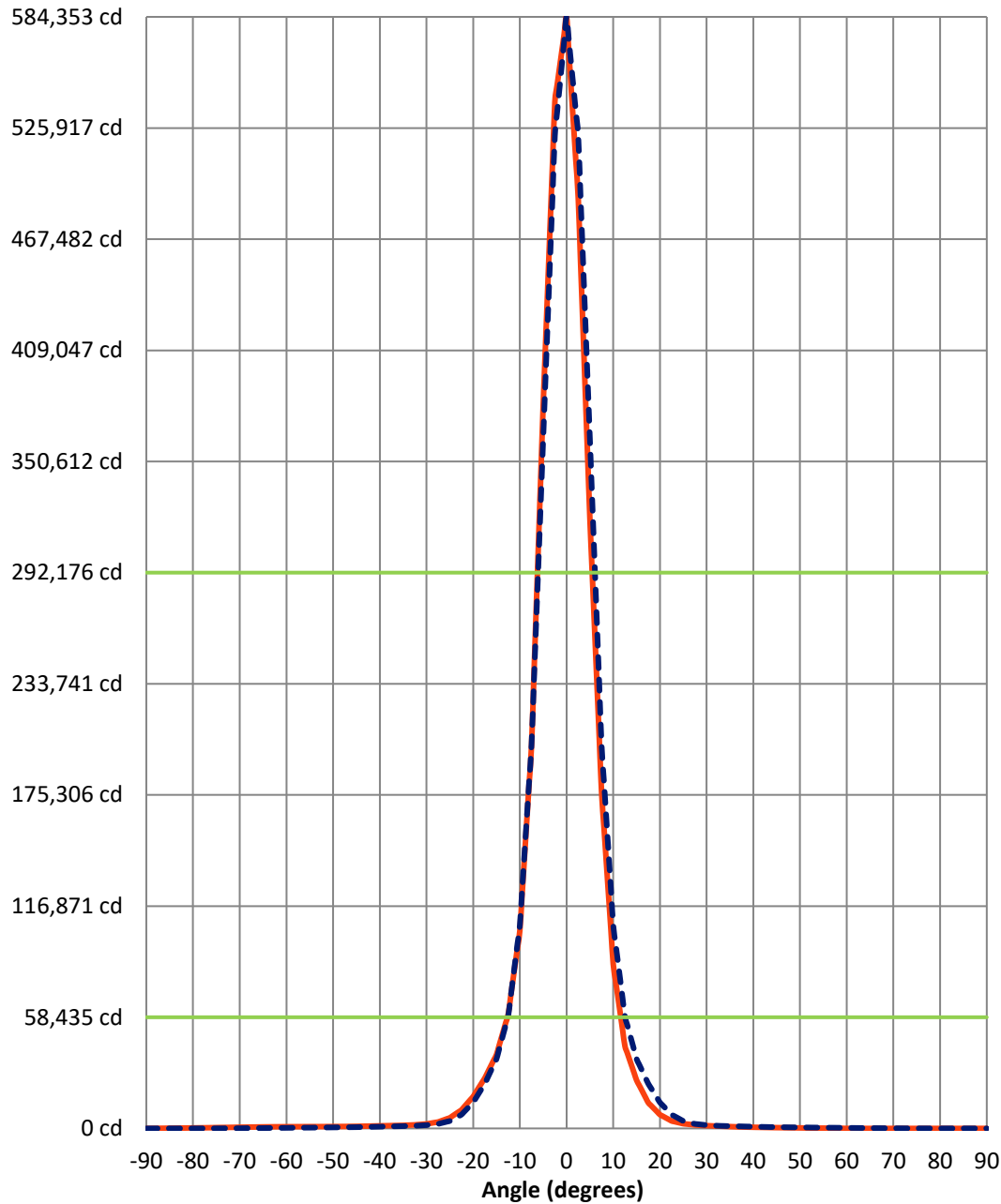
### Luminous Intensity Polar Plot



— 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: 12769.5  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 29055.3  
Efficiency: 71.2%

**Spill:**  
Lumens: 11762  
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	7.3	7.3
85°	0.0	0.0	0.0	0.0	7.3	7.3	7.3	7.3	7.3	14.6	14.6
82.5°	0.0	0.0	0.0	0.0	7.3	7.3	7.3	7.3	14.6	14.6	14.6
80°	0.0	0.0	0.0	0.0	7.3	7.3	7.3	7.3	14.6	14.6	14.6
77.5°	0.0	0.0	0.0	0.0	7.3	7.3	7.3	7.3	7.3	7.3	14.6
75°	0.0	0.0	0.0	0.0	7.3	7.3	7.3	7.3	7.3	7.3	7.3
72.5°	0.0	0.0	0.0	0.0	7.3	7.3	7.3	7.3	7.3	7.3	7.3
70°	0.0	0.0	0.0	0.0	7.3	7.3	7.3	7.3	7.3	7.3	7.3
67.5°	0.0	0.0	0.0	0.0	7.3	7.3	7.3	7.3	7.3	7.3	7.3
65°	0.0	0.0	0.0	0.0	7.3	7.3	7.3	7.3	7.3	7.3	7.3
62.5°	0.0	0.0	0.0	0.0	7.3	7.3	7.3	7.3	7.3	7.3	7.3
60°	14.6	14.6	14.6	14.6	21.9	21.9	29.3	29.3	29.3	14.6	29.3
57.5°	117.0	117.0	109.7	102.4	95.1	87.8	87.8	87.8	87.8	87.8	73.1
55°	160.9	160.9	160.9	153.6	153.6	146.3	138.9	131.6	131.6	124.3	117.0
52.5°	190.1	190.1	190.1	190.1	182.8	182.8	182.8	175.5	160.9	160.9	153.6
50°	270.6	263.3	263.3	263.3	263.3	248.6	241.3	226.7	219.4	212.1	204.8
47.5°	351.0	351.0	343.7	343.7	336.4	321.8	307.1	292.5	277.9	270.6	255.9
45°	416.8	416.8	409.5	409.5	402.2	387.6	365.6	343.7	329.1	314.4	299.8
42.5°	511.9	504.6	497.3	489.9	475.3	453.4	424.1	394.9	372.9	351.0	336.4
40°	614.3	614.3	606.9	599.6	577.7	555.8	519.2	482.6	446.1	402.2	380.3
37.5°	738.6	745.9	753.2	753.2	738.6	709.3	658.1	614.3	555.8	497.3	468.0
35°	965.3	965.3	979.9	979.9	957.9	921.4	884.8	789.8	716.6	643.5	577.7
32.5°	1213.9	1221.2	1191.9	1170.0	1140.8	1096.9	1031.1	950.6	870.2	775.1	702.0
30°	1455.2	1455.2	1418.6	1374.8	1316.3	1243.1	1162.7	1074.9	979.9	884.8	797.1
27.5°	1835.4	1798.9	1769.6	1696.5	1594.1	1455.2	1352.8	1213.9	1089.6	979.9	884.8
25°	2464.3	2457.0	2391.2	2266.9	2062.1	1842.8	1674.6	1440.6	1250.4	1082.3	972.6
22.5°	3919.5	3868.3	3714.8	3407.6	2925.0	2544.8	2201.1	1835.4	1491.8	1265.1	1089.6
20°	7246.7	7078.5	6669.0	5820.8	4738.5	3992.6	3137.1	2522.8	1945.1	1521.0	1257.8
17.5°	13520.9	13411.2	13257.6	11297.9	9096.8	7517.3	5594.1	3868.3	2764.1	1989.0	1491.8
15°	25345.3	24533.6	22837.1	20489.7	17411.2	13455.1	9893.9	6244.9	3948.8	2647.1	1893.9
12.5°	43326.8	42427.4	38047.2	32175.2	26639.6	21008.9	14749.4	9491.7	5623.3	3363.8	2245.0
10°	86331.9	79801.8	67538.6	50405.4	39341.5	29337.9	20709.1	12950.5	7319.9	4248.6	2661.8
7.5°	176824.6	155486.6	119816.0	84584.2	54749.0	38478.6	26449.5	16935.8	9754.9	5316.2	3042.0
5°	320486.8	282629.8	212926.6	128210.8	79502.0	48226.2	31385.4	20138.7	11546.5	6186.4	3422.3
2.5°	489362.7	440390.6	307836.1	176298.1	98031.9	55772.8	34837.0	22244.8	12687.3	6778.7	3714.8
0°	584352.6	521976.6	362526.6	201840.8	106858.2	58975.7	36526.2	23509.8	13652.5	7261.4	3904.9
-2.5°	539797.3	489582.0	333166.8	187493.6	102112.3	57571.6	36767.5	23824.3	13813.4	7393.0	3992.6
-5°	380449.7	339236.2	230527.9	138360.6	86639.0	53030.6	34690.7	22639.6	13367.3	7202.9	3956.1
-7.5°	201277.7	182630.8	136715.3	99421.3	63238.9	44884.4	31231.9	20540.9	12211.9	6691.0	3736.7
-10°	103991.7	100167.2	86317.3	65067.0	51173.2	37601.1	26654.2	17564.7	10208.3	5762.3	3363.8
-12.5°	59955.5	59304.7	54851.4	47085.5	39239.1	30888.2	21871.8	14325.3	8519.1	4775.1	2837.3
-15°	38822.3	39100.2	37549.9	34317.8	29849.8	23114.9	16804.2	10654.4	6303.4	3868.3	2500.9
-17.5°	26493.3	26420.2	25696.3	23480.6	19882.8	15612.3	11137.0	7524.6	4775.1	3012.8	2076.8
-20°	16760.3	16789.6	16116.8	14588.5	11941.4	9623.3	6932.3	5074.9	3385.7	2369.3	1835.4



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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°	9725.7	9747.6	9323.5	8460.6	7071.2	5703.8	4504.5	3356.5	2493.6	1974.4	1608.8
-25°	5586.8	5499.0	5330.8	4914.0	4263.2	3517.3	2990.8	2362.0	1996.3	1674.6	1469.8
-27.5°	3385.7	3327.2	3239.5	3056.6	2800.7	2427.8	2186.5	1908.6	1696.5	1506.4	1382.1
-30°	2362.0	2383.9	2310.8	2215.7	2098.7	1930.5	1798.9	1667.3	1528.3	1411.3	1294.3
-32.5°	1879.3	1893.9	1857.4	1820.8	1762.3	1696.5	1616.1	1521.0	1411.3	1301.6	1191.9
-35°	1616.1	1623.4	1623.4	1616.1	1601.4	1550.3	1491.8	1404.0	1301.6	1199.3	1104.2
-37.5°	1484.4	1491.8	1491.8	1484.4	1462.5	1418.6	1360.1	1287.0	1191.9	1096.9	1023.8
-40°	1345.5	1352.8	1345.5	1330.9	1308.9	1265.1	1221.2	1162.7	1089.6	1009.1	943.3
-42.5°	1213.9	1206.6	1199.3	1184.6	1162.7	1133.4	1096.9	1053.0	1001.8	943.3	892.1
-45°	1089.6	1089.6	1082.3	1074.9	1060.3	1038.4	1016.4	979.9	943.3	899.4	855.6
-47.5°	1023.8	1023.8	1016.4	1009.1	1001.8	987.2	965.3	936.0	906.8	870.2	833.6
-50°	979.9	979.9	979.9	972.6	965.3	950.6	928.7	906.8	877.5	840.9	804.4
-52.5°	950.6	950.6	950.6	943.3	936.0	928.7	906.8	877.5	840.9	811.7	782.4
-55°	936.0	928.7	928.7	921.4	914.1	906.8	877.5	848.3	819.0	789.8	760.5
-57.5°	914.1	906.8	906.8	899.4	892.1	884.8	855.6	826.3	797.1	760.5	738.6
-60°	892.1	884.8	884.8	870.2	862.9	855.6	826.3	797.1	767.8	738.6	709.3
-62.5°	862.9	855.6	848.3	840.9	826.3	811.7	789.8	760.5	723.9	694.7	665.4
-65°	797.1	789.8	782.4	775.1	767.8	760.5	738.6	702.0	672.8	643.5	614.3
-67.5°	716.6	716.6	716.6	702.0	694.7	680.1	665.4	636.2	606.9	577.7	555.8
-70°	621.6	621.6	621.6	606.9	599.6	592.3	570.4	548.4	526.5	504.6	475.3
-72.5°	526.5	519.2	519.2	511.9	497.3	489.9	475.3	460.7	438.8	424.1	402.2
-75°	431.4	424.1	424.1	416.8	409.5	402.2	387.6	380.3	365.6	351.0	329.1
-77.5°	343.7	343.7	343.7	336.4	329.1	321.8	314.4	307.1	299.8	285.2	270.6
-80°	263.3	263.3	263.3	263.3	263.3	263.3	263.3	255.9	241.3	234.0	226.7
-82.5°	190.1	197.4	197.4	197.4	197.4	197.4	197.4	197.4	190.1	182.8	175.5
-85°	124.3	131.6	131.6	138.9	146.3	146.3	153.6	146.3	138.9	124.3	117.0
-87.5°	65.8	65.8	65.8	65.8	65.8	65.8	65.8	58.5	58.5	58.5	51.2
-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°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	14.6	14.6	14.6
85°	14.6	14.6	14.6	14.6	21.9	21.9	21.9	29.3	29.3	29.3	29.3
82.5°	14.6	21.9	21.9	21.9	29.3	29.3	36.6	43.9	58.5	65.8	65.8
80°	14.6	21.9	21.9	21.9	29.3	29.3	36.6	36.6	43.9	51.2	65.8
77.5°	14.6	14.6	21.9	21.9	21.9	29.3	29.3	36.6	36.6	43.9	51.2
75°	7.3	14.6	14.6	14.6	21.9	21.9	29.3	29.3	36.6	36.6	43.9
72.5°	7.3	14.6	14.6	14.6	21.9	21.9	29.3	29.3	29.3	36.6	36.6
70°	7.3	14.6	14.6	14.6	14.6	21.9	21.9	21.9	29.3	29.3	29.3
67.5°	7.3	7.3	7.3	14.6	14.6	14.6	14.6	21.9	21.9	21.9	29.3
65°	7.3	7.3	7.3	7.3	14.6	14.6	14.6	14.6	21.9	21.9	21.9
62.5°	7.3	7.3	7.3	14.6	14.6	14.6	14.6	14.6	21.9	21.9	21.9
60°	29.3	29.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
57.5°	65.8	65.8	58.5	51.2	43.9	43.9	36.6	29.3	29.3	21.9	21.9
55°	109.7	102.4	95.1	80.4	73.1	65.8	58.5	43.9	36.6	29.3	21.9
52.5°	138.9	131.6	124.3	117.0	102.4	87.8	80.4	73.1	58.5	43.9	36.6
50°	204.8	182.8	168.2	153.6	138.9	124.3	109.7	102.4	80.4	65.8	51.2
47.5°	248.6	234.0	212.1	197.4	182.8	160.9	138.9	124.3	109.7	87.8	65.8
45°	285.2	270.6	248.6	234.0	219.4	197.4	175.5	153.6	138.9	117.0	87.8
42.5°	321.8	307.1	285.2	270.6	248.6	226.7	204.8	182.8	160.9	146.3	117.0
40°	372.9	351.0	321.8	307.1	292.5	263.3	234.0	212.1	190.1	168.2	138.9
37.5°	438.8	416.8	380.3	351.0	329.1	307.1	277.9	248.6	226.7	197.4	168.2
35°	541.1	504.6	453.4	409.5	380.3	351.0	314.4	285.2	255.9	226.7	197.4
32.5°	643.5	585.0	519.2	468.0	424.1	387.6	351.0	321.8	285.2	248.6	219.4
30°	723.9	658.1	592.3	519.2	468.0	424.1	387.6	351.0	314.4	277.9	241.3
27.5°	804.4	731.3	658.1	585.0	511.9	453.4	416.8	380.3	343.7	307.1	263.3
25°	884.8	804.4	731.3	650.8	563.1	497.3	446.1	416.8	380.3	336.4	285.2
22.5°	957.9	884.8	811.7	723.9	621.6	533.8	482.6	446.1	409.5	358.3	314.4
20°	1096.9	1001.8	914.1	804.4	687.4	599.6	533.8	482.6	438.8	387.6	336.4
17.5°	1279.7	1140.8	1023.8	899.4	782.4	672.8	577.7	519.2	475.3	416.8	358.3
15°	1513.7	1272.4	1126.1	1001.8	862.9	738.6	636.2	555.8	497.3	438.8	387.6
12.5°	1689.2	1374.8	1213.9	1096.9	950.6	811.7	680.1	585.0	519.2	460.7	402.2
10°	1886.6	1484.4	1287.0	1155.4	1001.8	848.3	709.3	606.9	533.8	482.6	424.1
7.5°	2047.5	1572.2	1323.6	1177.3	1031.1	877.5	738.6	628.9	555.8	497.3	438.8
5°	2193.8	1645.3	1352.8	1184.6	1045.7	899.4	753.2	643.5	570.4	511.9	453.4
2.5°	2296.1	1711.1	1382.1	1199.3	1060.3	914.1	775.1	658.1	585.0	526.5	468.0
0°	2383.9	1733.1	1374.8	1199.3	1067.6	914.1	782.4	665.4	592.3	533.8	475.3
-2.5°	2413.1	1769.6	1411.3	1213.9	1082.3	928.7	797.1	672.8	599.6	541.1	489.9
-5°	2413.1	1740.4	1411.3	1228.5	1089.6	936.0	797.1	680.1	606.9	548.4	489.9
-7.5°	2325.4	1696.5	1404.0	1243.1	1096.9	943.3	797.1	687.4	614.3	555.8	497.3
-10°	2171.8	1630.7	1396.7	1250.4	1096.9	936.0	797.1	687.4	614.3	555.8	504.6
-12.5°	1923.2	1542.9	1360.1	1235.8	1082.3	921.4	789.8	687.4	614.3	563.1	504.6
-15°	1798.9	1469.8	1316.3	1191.9	1045.7	899.4	775.1	680.1	614.3	563.1	511.9
-17.5°	1630.7	1411.3	1272.4	1148.1	1016.4	877.5	760.5	680.1	614.3	555.8	511.9
-20°	1513.7	1345.5	1221.2	1111.5	979.9	855.6	753.2	672.8	614.3	555.8	511.9



REPORT NUMBER: P724119

CATALOG NUMBER: IFLD-L-SA7C-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°	1411.3	1272.4	1162.7	1053.0	936.0	826.3	738.6	665.4	606.9	555.8	511.9
-25°	1330.9	1206.6	1104.2	1001.8	899.4	804.4	723.9	658.1	599.6	555.8	504.6
-27.5°	1257.8	1140.8	1045.7	950.6	855.6	782.4	709.3	650.8	599.6	548.4	497.3
-30°	1177.3	1082.3	987.2	899.4	833.6	760.5	694.7	636.2	592.3	541.1	489.9
-32.5°	1096.9	1009.1	928.7	862.9	804.4	745.9	687.4	628.9	577.7	526.5	475.3
-35°	1023.8	943.3	884.8	826.3	782.4	731.3	672.8	614.3	570.4	519.2	475.3
-37.5°	950.6	892.1	840.9	797.1	753.2	709.3	650.8	599.6	555.8	504.6	453.4
-40°	892.1	848.3	811.7	775.1	731.3	680.1	636.2	585.0	541.1	489.9	431.4
-42.5°	855.6	819.0	782.4	745.9	709.3	665.4	621.6	570.4	526.5	475.3	416.8
-45°	819.0	789.8	760.5	731.3	694.7	650.8	599.6	548.4	504.6	453.4	409.5
-47.5°	797.1	767.8	738.6	716.6	687.4	628.9	585.0	533.8	482.6	438.8	387.6
-50°	775.1	745.9	723.9	694.7	658.1	606.9	563.1	511.9	468.0	416.8	372.9
-52.5°	753.2	723.9	694.7	665.4	628.9	585.0	541.1	497.3	446.1	394.9	351.0
-55°	731.3	702.0	672.8	643.5	606.9	570.4	526.5	468.0	416.8	365.6	321.8
-57.5°	709.3	687.4	650.8	614.3	577.7	541.1	489.9	438.8	387.6	336.4	299.8
-60°	680.1	650.8	621.6	577.7	541.1	497.3	453.4	409.5	358.3	314.4	277.9
-62.5°	636.2	606.9	577.7	533.8	497.3	460.7	424.1	372.9	336.4	292.5	255.9
-65°	585.0	555.8	526.5	489.9	453.4	416.8	387.6	343.7	307.1	270.6	241.3
-67.5°	526.5	497.3	475.3	438.8	409.5	372.9	343.7	307.1	270.6	241.3	212.1
-70°	453.4	431.4	409.5	380.3	351.0	321.8	292.5	263.3	234.0	212.1	182.8
-72.5°	387.6	365.6	343.7	321.8	299.8	270.6	248.6	226.7	204.8	182.8	168.2
-75°	314.4	299.8	285.2	270.6	248.6	226.7	212.1	190.1	175.5	160.9	153.6
-77.5°	263.3	248.6	234.0	219.4	204.8	190.1	175.5	160.9	153.6	146.3	138.9
-80°	212.1	204.8	197.4	182.8	175.5	160.9	153.6	138.9	138.9	138.9	138.9
-82.5°	168.2	160.9	153.6	146.3	138.9	131.6	131.6	124.3	131.6	131.6	124.3
-85°	117.0	109.7	102.4	102.4	95.1	95.1	87.8	87.8	87.8	80.4	80.4
-87.5°	51.2	51.2	51.2	51.2	43.9	43.9	43.9	43.9	43.9	36.6	36.6
-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: P724119  
 CATALOG NUMBER: IFLD-L-SA7C-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°	14.6	14.6	7.3	7.3	7.3	7.3	7.3	7.3	7.3	0.0	0.0
85°	29.3	29.3	21.9	21.9	21.9	14.6	14.6	7.3	7.3	7.3	7.3
82.5°	65.8	58.5	51.2	43.9	36.6	29.3	21.9	14.6	14.6	7.3	7.3
80°	80.4	80.4	80.4	73.1	58.5	43.9	29.3	21.9	14.6	7.3	7.3
77.5°	58.5	58.5	65.8	73.1	73.1	58.5	36.6	21.9	14.6	14.6	7.3
75°	43.9	43.9	43.9	51.2	58.5	58.5	43.9	29.3	14.6	14.6	7.3
72.5°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	29.3	21.9	14.6	14.6
70°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	29.3	21.9	14.6	14.6
67.5°	29.3	29.3	36.6	36.6	36.6	29.3	29.3	29.3	21.9	14.6	14.6
65°	21.9	29.3	29.3	36.6	29.3	29.3	29.3	21.9	21.9	14.6	14.6
62.5°	21.9	21.9	29.3	29.3	29.3	29.3	21.9	21.9	21.9	14.6	14.6
60°	21.9	21.9	21.9	29.3	21.9	21.9	21.9	21.9	21.9	14.6	14.6
57.5°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	14.6	14.6	14.6	14.6
55°	21.9	21.9	21.9	21.9	21.9	21.9	14.6	14.6	14.6	14.6	14.6
52.5°	29.3	21.9	21.9	21.9	21.9	21.9	14.6	14.6	14.6	14.6	14.6
50°	36.6	21.9	21.9	21.9	21.9	14.6	14.6	14.6	14.6	14.6	14.6
47.5°	51.2	36.6	29.3	21.9	21.9	14.6	14.6	14.6	14.6	14.6	7.3
45°	73.1	51.2	36.6	29.3	21.9	14.6	14.6	14.6	14.6	14.6	7.3
42.5°	87.8	65.8	43.9	36.6	29.3	21.9	14.6	14.6	14.6	7.3	7.3
40°	109.7	87.8	58.5	43.9	29.3	21.9	14.6	14.6	14.6	7.3	7.3
37.5°	138.9	109.7	73.1	51.2	36.6	21.9	21.9	14.6	14.6	7.3	7.3
35°	160.9	124.3	95.1	58.5	43.9	29.3	21.9	14.6	14.6	7.3	7.3
32.5°	182.8	146.3	117.0	73.1	51.2	36.6	29.3	14.6	14.6	7.3	7.3
30°	204.8	168.2	131.6	95.1	65.8	43.9	29.3	14.6	14.6	7.3	7.3
27.5°	226.7	182.8	146.3	109.7	73.1	51.2	36.6	21.9	14.6	7.3	7.3
25°	248.6	204.8	160.9	124.3	80.4	58.5	36.6	21.9	14.6	14.6	7.3
22.5°	263.3	226.7	182.8	138.9	95.1	65.8	43.9	29.3	14.6	14.6	7.3
20°	285.2	248.6	197.4	153.6	109.7	73.1	43.9	29.3	14.6	14.6	7.3
17.5°	307.1	263.3	212.1	168.2	124.3	80.4	51.2	36.6	14.6	14.6	7.3
15°	329.1	277.9	226.7	175.5	131.6	87.8	51.2	36.6	14.6	14.6	7.3
12.5°	351.0	299.8	241.3	190.1	138.9	95.1	58.5	43.9	21.9	14.6	7.3
10°	365.6	314.4	255.9	197.4	146.3	109.7	65.8	43.9	21.9	14.6	7.3
7.5°	387.6	329.1	270.6	212.1	153.6	117.0	73.1	43.9	21.9	14.6	7.3
5°	394.9	343.7	277.9	226.7	160.9	124.3	80.4	51.2	21.9	14.6	7.3
2.5°	402.2	358.3	285.2	234.0	168.2	124.3	80.4	51.2	29.3	14.6	7.3
0°	409.5	365.6	292.5	241.3	175.5	131.6	87.8	51.2	29.3	14.6	7.3
-2.5°	416.8	372.9	307.1	248.6	182.8	138.9	95.1	51.2	29.3	14.6	7.3
-5°	424.1	372.9	321.8	255.9	190.1	138.9	95.1	58.5	36.6	14.6	7.3
-7.5°	431.4	380.3	329.1	263.3	197.4	138.9	102.4	58.5	36.6	21.9	7.3
-10°	438.8	387.6	336.4	270.6	197.4	146.3	102.4	58.5	36.6	21.9	7.3
-12.5°	446.1	394.9	336.4	270.6	204.8	146.3	102.4	65.8	36.6	21.9	7.3
-15°	453.4	394.9	336.4	270.6	204.8	153.6	109.7	65.8	36.6	21.9	14.6
-17.5°	453.4	394.9	336.4	277.9	204.8	153.6	109.7	65.8	36.6	21.9	14.6
-20°	453.4	394.9	336.4	277.9	204.8	153.6	109.7	65.8	36.6	21.9	14.6



REPORT NUMBER: P724119

CATALOG NUMBER: IFLD-L-SA7C-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°	446.1	387.6	336.4	270.6	204.8	153.6	109.7	65.8	43.9	21.9	14.6
-25°	446.1	387.6	336.4	270.6	204.8	153.6	102.4	65.8	43.9	21.9	14.6
-27.5°	438.8	387.6	329.1	263.3	197.4	146.3	102.4	65.8	43.9	21.9	14.6
-30°	431.4	380.3	321.8	255.9	197.4	146.3	102.4	65.8	43.9	21.9	14.6
-32.5°	424.1	365.6	314.4	248.6	190.1	138.9	102.4	65.8	43.9	21.9	14.6
-35°	409.5	358.3	299.8	241.3	182.8	138.9	95.1	65.8	43.9	29.3	14.6
-37.5°	394.9	343.7	292.5	234.0	175.5	131.6	95.1	65.8	43.9	29.3	14.6
-40°	380.3	336.4	277.9	219.4	168.2	124.3	95.1	65.8	43.9	29.3	21.9
-42.5°	365.6	321.8	270.6	212.1	168.2	124.3	87.8	65.8	43.9	29.3	21.9
-45°	358.3	314.4	255.9	204.8	160.9	124.3	87.8	58.5	43.9	29.3	21.9
-47.5°	343.7	292.5	241.3	197.4	153.6	117.0	80.4	58.5	43.9	29.3	21.9
-50°	321.8	277.9	234.0	190.1	146.3	109.7	80.4	58.5	43.9	29.3	21.9
-52.5°	299.8	255.9	219.4	175.5	138.9	109.7	80.4	58.5	43.9	29.3	21.9
-55°	277.9	241.3	204.8	168.2	131.6	102.4	73.1	58.5	43.9	29.3	21.9
-57.5°	263.3	226.7	190.1	153.6	124.3	95.1	73.1	51.2	36.6	29.3	21.9
-60°	248.6	212.1	175.5	146.3	117.0	95.1	73.1	51.2	36.6	29.3	14.6
-62.5°	226.7	197.4	160.9	138.9	109.7	87.8	65.8	51.2	36.6	29.3	14.6
-65°	204.8	175.5	146.3	124.3	102.4	80.4	65.8	51.2	36.6	29.3	14.6
-67.5°	182.8	160.9	138.9	117.0	95.1	80.4	65.8	51.2	36.6	21.9	14.6
-70°	168.2	146.3	124.3	109.7	95.1	73.1	65.8	51.2	36.6	21.9	14.6
-72.5°	146.3	131.6	117.0	102.4	87.8	80.4	65.8	51.2	29.3	21.9	14.6
-75°	138.9	124.3	109.7	102.4	95.1	80.4	65.8	43.9	29.3	21.9	14.6
-77.5°	138.9	124.3	117.0	109.7	95.1	80.4	58.5	36.6	21.9	21.9	14.6
-80°	138.9	131.6	124.3	102.4	87.8	65.8	43.9	36.6	21.9	14.6	7.3
-82.5°	124.3	102.4	87.8	73.1	65.8	51.2	36.6	29.3	14.6	14.6	7.3
-85°	80.4	65.8	58.5	51.2	43.9	36.6	21.9	14.6	14.6	7.3	7.3
-87.5°	36.6	36.6	29.3	21.9	21.9	14.6	14.6	7.3	7.3	7.3	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: P724119  
 CATALOG NUMBER: IFLD-L-SA7C-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°	7.3	0.0	0.0	0.0
77.5°	7.3	0.0	0.0	0.0
75°	7.3	7.3	0.0	0.0
72.5°	7.3	7.3	0.0	0.0
70°	7.3	7.3	0.0	0.0
67.5°	7.3	7.3	0.0	0.0
65°	7.3	7.3	0.0	0.0
62.5°	7.3	7.3	0.0	0.0
60°	7.3	7.3	0.0	0.0
57.5°	7.3	7.3	7.3	0.0
55°	7.3	7.3	7.3	0.0
52.5°	7.3	7.3	7.3	0.0
50°	7.3	7.3	7.3	0.0
47.5°	7.3	7.3	7.3	0.0
45°	7.3	7.3	7.3	0.0
42.5°	7.3	7.3	7.3	0.0
40°	7.3	7.3	7.3	0.0
37.5°	7.3	7.3	7.3	0.0
35°	7.3	7.3	7.3	0.0
32.5°	7.3	7.3	7.3	0.0
30°	7.3	7.3	7.3	0.0
27.5°	7.3	7.3	7.3	0.0
25°	7.3	7.3	7.3	0.0
22.5°	7.3	7.3	7.3	0.0
20°	7.3	7.3	7.3	0.0
17.5°	7.3	7.3	7.3	0.0
15°	7.3	7.3	7.3	0.0
12.5°	7.3	7.3	7.3	0.0
10°	7.3	7.3	7.3	0.0
7.5°	7.3	7.3	7.3	0.0
5°	7.3	7.3	7.3	0.0
2.5°	7.3	7.3	7.3	0.0
0°	7.3	7.3	7.3	0.0
-2.5°	7.3	7.3	7.3	0.0
-5°	7.3	7.3	7.3	0.0
-7.5°	7.3	7.3	7.3	0.0
-10°	7.3	7.3	7.3	0.0
-12.5°	7.3	7.3	7.3	0.0
-15°	7.3	7.3	7.3	0.0
-17.5°	7.3	7.3	7.3	0.0
-20°	7.3	7.3	7.3	0.0



REPORT NUMBER: P724119  
 CATALOG NUMBER: IFLD-L-SA7C-735-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	7.3	7.3	7.3	0.0
-25°	7.3	7.3	7.3	0.0
-27.5°	7.3	7.3	7.3	0.0
-30°	7.3	7.3	7.3	0.0
-32.5°	7.3	7.3	7.3	0.0
-35°	7.3	7.3	7.3	0.0
-37.5°	7.3	7.3	7.3	0.0
-40°	7.3	7.3	7.3	0.0
-42.5°	7.3	7.3	7.3	0.0
-45°	7.3	7.3	7.3	0.0
-47.5°	7.3	7.3	7.3	0.0
-50°	7.3	7.3	7.3	0.0
-52.5°	7.3	7.3	7.3	0.0
-55°	7.3	7.3	7.3	0.0
-57.5°	7.3	7.3	7.3	0.0
-60°	7.3	7.3	0.0	0.0
-62.5°	7.3	7.3	0.0	0.0
-65°	7.3	7.3	0.0	0.0
-67.5°	7.3	7.3	0.0	0.0
-70°	7.3	7.3	0.0	0.0
-72.5°	7.3	7.3	0.0	0.0
-75°	7.3	7.3	0.0	0.0
-77.5°	7.3	0.0	0.0	0.0
-80°	7.3	0.0	0.0	0.0
-82.5°	7.3	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)