

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: P724048

Luminaire Tested: **IFLD-S-SA3E-727-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724048  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3E-727-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (48) 2700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

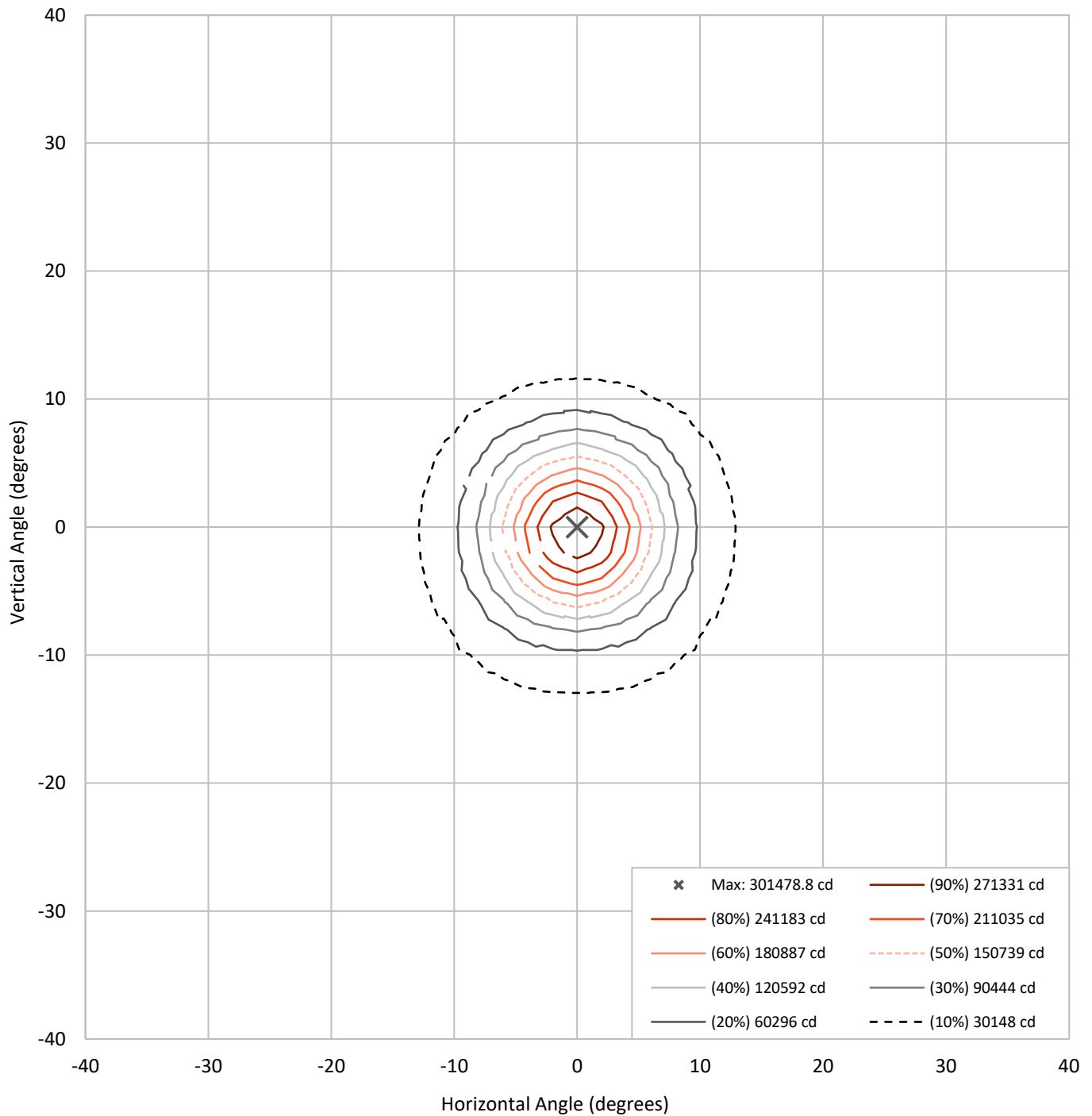
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	21058.4 lumens	Max Intensity:	301478.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6588 lumens	Field Lumens:	14990.2 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 232.1  
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





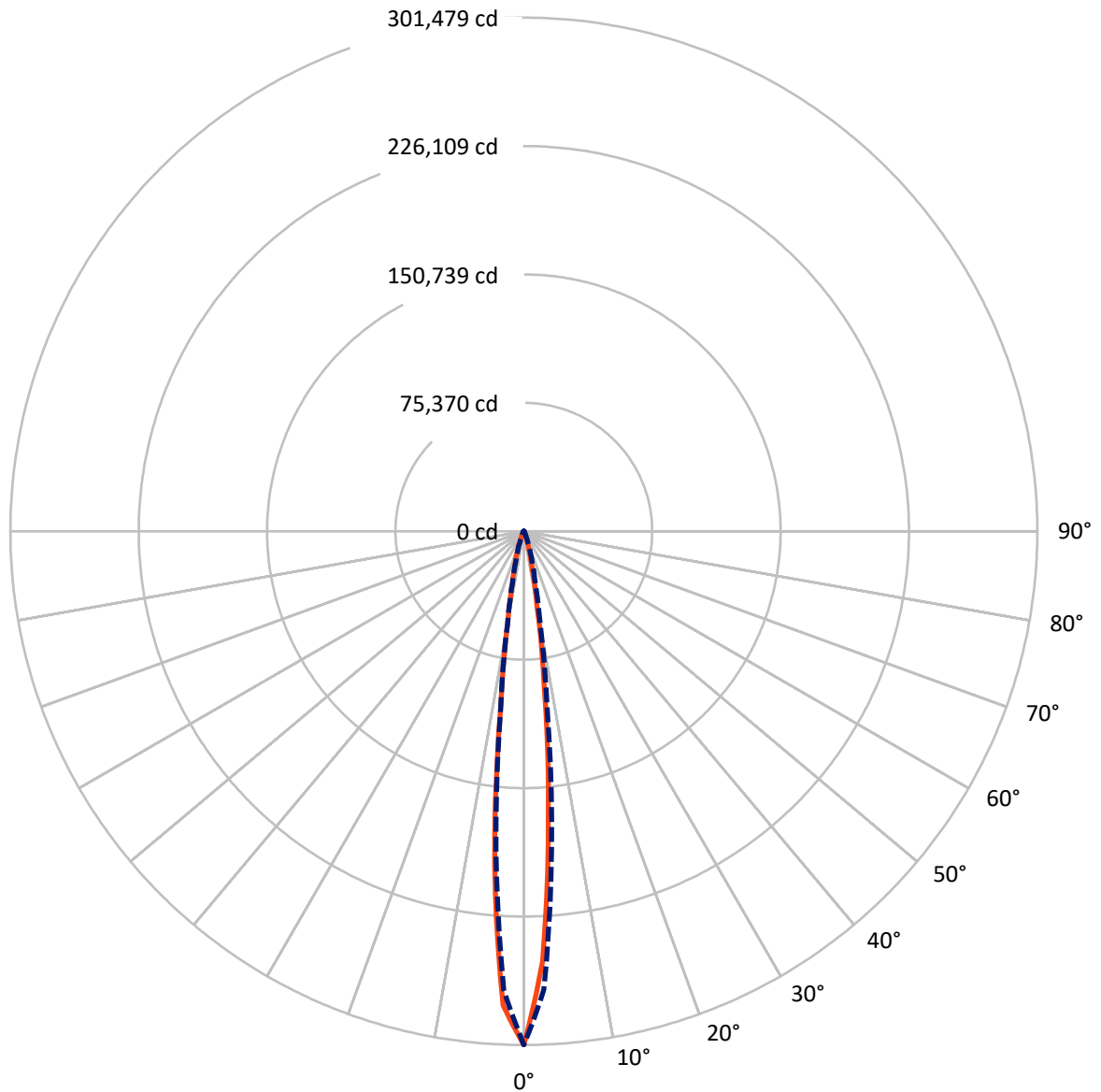
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### Lumen Table

90	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1
80	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		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	1.1	1.6	2.0	2.3	2.3	2.0	1.6	1.1	0.6	0.2	0.1	
50	0.1	0.2	0.7	1.7	3.0	4.2	5.6	6.6	6.6	5.6	4.2	3.0	1.7	0.7	0.2	0.1
40		0.3	1.5	3.2	5.4	8.5	12.8	15.3	15.3	12.8	8.5	5.4	3.2	1.5	0.3	
30	0.2	0.6	2.3	4.6	8.5	14.6	28.1	45.3	45.3	28.1	14.6	8.5	4.6	2.3	0.6	0.2
20		0.9	3.0	6.3	12.8	31.8	165.9	419.7	419.7	165.9	31.8	12.8	6.3	3.0	0.9	
10	0.3	1.2	3.6	7.5	15.6	64.5	534.3	3292.8	3292.8	534.3	64.5	15.6	7.5	3.6	1.2	0.3
0		1.4	3.9	7.9	16.3	73.5	588.0	3626.2	3626.2	588.0	73.5	16.3	7.9	3.9	1.4	
-10	0.4	1.5	4.1	7.8	15.3	44.1	263.9	636.0	636.0	263.9	44.1	15.3	7.8	4.1	1.5	0.4
-20		1.4	4.0	7.4	12.9	22.4	54.5	102.5	102.5	54.5	22.4	12.9	7.4	4.0	1.4	
-30	0.4	1.3	3.7	6.9	10.8	15.9	22.5	26.4	26.4	22.5	15.9	10.8	6.9	3.7	1.3	0.4
-40		1.1	3.2	6.2	9.4	12.4	15.7	17.4	17.4	15.7	12.4	9.4	6.2	3.2	1.1	
-50	0.4	0.9	2.6	5.2	8.2	10.8	13.3	14.5	14.5	13.3	10.8	8.2	5.2	2.6	0.9	0.4
-60		0.7	1.9	3.8	6.3	8.6	10.9	12.1	12.1	10.9	8.6	6.3	3.8	1.9	0.7	
-70	0.4	0.9	2.6	5.2	8.2	10.8	13.3	14.5	14.5	13.3	10.8	8.2	5.2	2.6	0.9	0.4
-80		0.7	1.9	3.8	6.3	8.6	10.9	12.1	12.1	10.9	8.6	6.3	3.8	1.9	0.7	
-90	0.2	2.9		7.9		14.6		17.5		14.6		7.9		2.9		0.2

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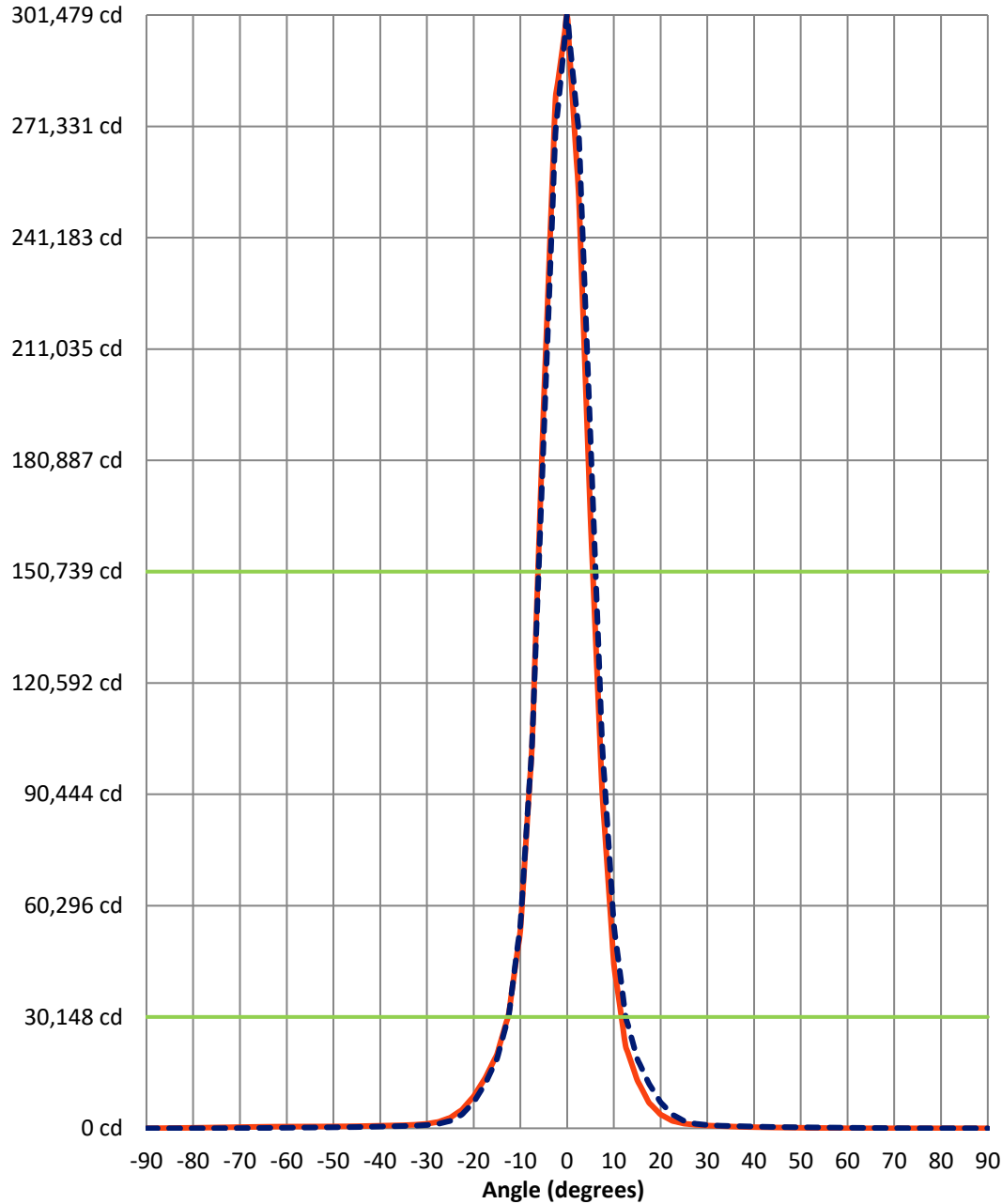
### Luminous Intensity Polar Plot



— 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: 6588  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 14990.2  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 6068.3  
 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	3.8	3.8
85°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	7.5	7.5
82.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	7.5	7.5	7.5
80°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	7.5	7.5	7.5
77.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	7.5
75°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
72.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
70°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
67.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
65°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
62.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
60°	7.5	7.5	7.5	7.5	11.3	11.3	15.1	15.1	15.1	7.5	15.1
57.5°	60.4	60.4	56.6	52.8	49.0	45.3	45.3	45.3	45.3	45.3	37.7
55°	83.0	83.0	83.0	79.2	79.2	75.5	71.7	67.9	67.9	64.1	60.4
52.5°	98.1	98.1	98.1	98.1	94.3	94.3	94.3	90.5	83.0	83.0	79.2
50°	139.6	135.8	135.8	135.8	135.8	128.3	124.5	117.0	113.2	109.4	105.6
47.5°	181.1	181.1	177.3	177.3	173.5	166.0	158.5	150.9	143.4	139.6	132.0
45°	215.0	215.0	211.3	211.3	207.5	200.0	188.6	177.3	169.8	162.2	154.7
42.5°	264.1	260.3	256.5	252.8	245.2	233.9	218.8	203.7	192.4	181.1	173.5
40°	316.9	316.9	313.1	309.4	298.0	286.7	267.9	249.0	230.1	207.5	196.2
37.5°	381.0	384.8	388.6	388.6	381.0	366.0	339.5	316.9	286.7	256.5	241.5
35°	498.0	498.0	505.5	505.5	494.2	475.4	456.5	407.4	369.7	332.0	298.0
32.5°	626.3	630.0	614.9	603.6	588.5	565.9	531.9	490.4	448.9	399.9	362.2
30°	750.8	750.8	731.9	709.3	679.1	641.4	599.9	554.6	505.5	456.5	411.2
27.5°	946.9	928.1	913.0	875.3	822.4	750.8	697.9	626.3	562.1	505.5	456.5
25°	1271.4	1267.6	1233.7	1169.5	1063.9	950.7	863.9	743.2	645.1	558.4	501.8
22.5°	2022.2	1995.7	1916.5	1758.1	1509.1	1312.9	1135.6	946.9	769.6	652.7	562.1
20°	3738.7	3652.0	3440.7	3003.1	2444.7	2059.9	1618.5	1301.6	1003.5	784.7	648.9
17.5°	6975.7	6919.1	6839.9	5828.8	4693.2	3878.3	2886.1	1995.7	1426.1	1026.2	769.6
15°	13076.1	12657.3	11782.1	10571.1	8982.8	6941.7	5104.4	3221.9	2037.2	1365.7	977.1
12.5°	22353.1	21889.1	19629.3	16599.8	13743.9	10838.9	7609.5	4896.9	2901.2	1735.4	1158.2
10°	44540.3	41171.3	34844.5	26005.1	20297.0	15136.0	10684.2	6681.4	3776.5	2191.9	1373.3
7.5°	91227.2	80218.5	61815.4	43638.6	28246.1	19851.9	13645.8	8737.5	5032.8	2742.7	1569.4
5°	165345.3	145814.2	109853.0	66146.4	41016.6	24880.8	16192.4	10390.0	5957.1	3191.7	1765.6
2.5°	252471.6	227206.0	158818.6	90955.6	50576.6	28774.2	17973.1	11476.5	6545.6	3497.3	1916.5
0°	301478.8	269297.8	187034.5	104133.6	55130.2	30426.7	18844.5	12129.2	7043.6	3746.3	2014.6
-2.5°	278491.8	252584.8	171887.2	96731.6	52681.7	29702.3	18969.0	12291.4	7126.6	3814.2	2059.9
-5°	196281.3	175018.5	118933.8	71382.9	44698.7	27359.5	17897.6	11680.2	6896.5	3716.1	2041.0
-7.5°	103843.1	94222.7	70534.1	51293.4	32626.2	23156.7	16113.1	10597.5	6300.4	3452.0	1927.8
-10°	53651.3	51678.2	44532.7	33569.3	26401.2	19399.1	13751.4	9062.0	5266.7	2972.9	1735.4
-12.5°	30932.2	30596.5	28298.9	24292.3	20244.2	15935.8	11284.1	7390.7	4395.2	2463.6	1463.8
-15°	20029.2	20172.5	19372.7	17705.2	15400.1	11925.4	8669.6	5496.8	3252.1	1995.7	1290.3
-17.5°	13668.4	13630.7	13257.2	12114.1	10257.9	8054.7	5745.8	3882.1	2463.6	1554.3	1071.4
-20°	8647.0	8662.1	8315.0	7526.5	6160.8	4964.8	3576.5	2618.2	1746.8	1222.3	946.9



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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°	5017.7	5029.0	4810.2	4365.0	3648.2	2942.7	2324.0	1731.7	1286.5	1018.6	830.0
-25°	2882.3	2837.1	2750.3	2535.2	2199.5	1814.7	1543.0	1218.6	1029.9	863.9	758.3
-27.5°	1746.8	1716.6	1671.3	1577.0	1444.9	1252.5	1128.0	984.7	875.3	777.2	713.0
-30°	1218.6	1229.9	1192.2	1143.1	1082.8	996.0	928.1	860.2	788.5	728.1	667.8
-32.5°	969.6	977.1	958.3	939.4	909.2	875.3	833.8	784.7	728.1	671.5	614.9
-35°	833.8	837.5	837.5	833.8	826.2	799.8	769.6	724.4	671.5	618.7	569.7
-37.5°	765.9	769.6	769.6	765.9	754.5	731.9	701.7	664.0	614.9	565.9	528.2
-40°	694.2	697.9	694.2	686.6	675.3	652.7	630.0	599.9	562.1	520.6	486.7
-42.5°	626.3	622.5	618.7	611.2	599.9	584.8	565.9	543.3	516.9	486.7	460.3
-45°	562.1	562.1	558.4	554.6	547.0	535.7	524.4	505.5	486.7	464.0	441.4
-47.5°	528.2	528.2	524.4	520.6	516.9	509.3	498.0	482.9	467.8	448.9	430.1
-50°	505.5	505.5	505.5	501.8	498.0	490.4	479.1	467.8	452.7	433.9	415.0
-52.5°	490.4	490.4	490.4	486.7	482.9	479.1	467.8	452.7	433.9	418.8	403.7
-55°	482.9	479.1	479.1	475.4	471.6	467.8	452.7	437.6	422.5	407.4	392.4
-57.5°	471.6	467.8	467.8	464.0	460.3	456.5	441.4	426.3	411.2	392.4	381.0
-60°	460.3	456.5	456.5	448.9	445.2	441.4	426.3	411.2	396.1	381.0	366.0
-62.5°	445.2	441.4	437.6	433.9	426.3	418.8	407.4	392.4	373.5	358.4	343.3
-65°	411.2	407.4	403.7	399.9	396.1	392.4	381.0	362.2	347.1	332.0	316.9
-67.5°	369.7	369.7	369.7	362.2	358.4	350.9	343.3	328.2	313.1	298.0	286.7
-70°	320.7	320.7	320.7	313.1	309.4	305.6	294.3	283.0	271.6	260.3	245.2
-72.5°	271.6	267.9	267.9	264.1	256.5	252.8	245.2	237.7	226.4	218.8	207.5
-75°	222.6	218.8	218.8	215.0	211.3	207.5	200.0	196.2	188.6	181.1	169.8
-77.5°	177.3	177.3	177.3	173.5	169.8	166.0	162.2	158.5	154.7	147.1	139.6
-80°	135.8	135.8	135.8	135.8	135.8	135.8	135.8	132.0	124.5	120.7	117.0
-82.5°	98.1	101.9	101.9	101.9	101.9	101.9	101.9	101.9	98.1	94.3	90.5
-85°	64.1	67.9	67.9	71.7	75.5	75.5	79.2	75.5	71.7	64.1	60.4
-87.5°	34.0	34.0	34.0	34.0	34.0	34.0	34.0	30.2	30.2	30.2	26.4
-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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	7.5	7.5	7.5
85°	7.5	7.5	7.5	7.5	11.3	11.3	11.3	15.1	15.1	15.1	15.1
82.5°	7.5	11.3	11.3	11.3	15.1	15.1	18.9	22.6	30.2	34.0	34.0
80°	7.5	11.3	11.3	11.3	15.1	15.1	18.9	18.9	22.6	26.4	34.0
77.5°	7.5	7.5	11.3	11.3	11.3	15.1	15.1	18.9	18.9	22.6	26.4
75°	3.8	7.5	7.5	7.5	11.3	11.3	15.1	15.1	18.9	18.9	22.6
72.5°	3.8	7.5	7.5	7.5	11.3	11.3	15.1	15.1	15.1	18.9	18.9
70°	3.8	7.5	7.5	7.5	7.5	11.3	11.3	11.3	15.1	15.1	15.1
67.5°	3.8	3.8	3.8	7.5	7.5	7.5	7.5	11.3	11.3	11.3	15.1
65°	3.8	3.8	3.8	3.8	7.5	7.5	7.5	7.5	11.3	11.3	11.3
62.5°	3.8	3.8	3.8	7.5	7.5	7.5	7.5	7.5	11.3	11.3	11.3
60°	15.1	15.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
57.5°	34.0	34.0	30.2	26.4	22.6	22.6	18.9	15.1	15.1	11.3	11.3
55°	56.6	52.8	49.0	41.5	37.7	34.0	30.2	22.6	18.9	15.1	11.3
52.5°	71.7	67.9	64.1	60.4	52.8	45.3	41.5	37.7	30.2	22.6	18.9
50°	105.6	94.3	86.8	79.2	71.7	64.1	56.6	52.8	41.5	34.0	26.4
47.5°	128.3	120.7	109.4	101.9	94.3	83.0	71.7	64.1	56.6	45.3	34.0
45°	147.1	139.6	128.3	120.7	113.2	101.9	90.5	79.2	71.7	60.4	45.3
42.5°	166.0	158.5	147.1	139.6	128.3	117.0	105.6	94.3	83.0	75.5	60.4
40°	192.4	181.1	166.0	158.5	150.9	135.8	120.7	109.4	98.1	86.8	71.7
37.5°	226.4	215.0	196.2	181.1	169.8	158.5	143.4	128.3	117.0	101.9	86.8
35°	279.2	260.3	233.9	211.3	196.2	181.1	162.2	147.1	132.0	117.0	101.9
32.5°	332.0	301.8	267.9	241.5	218.8	200.0	181.1	166.0	147.1	128.3	113.2
30°	373.5	339.5	305.6	267.9	241.5	218.8	200.0	181.1	162.2	143.4	124.5
27.5°	415.0	377.3	339.5	301.8	264.1	233.9	215.0	196.2	177.3	158.5	135.8
25°	456.5	415.0	377.3	335.8	290.5	256.5	230.1	215.0	196.2	173.5	147.1
22.5°	494.2	456.5	418.8	373.5	320.7	275.4	249.0	230.1	211.3	184.9	162.2
20°	565.9	516.9	471.6	415.0	354.6	309.4	275.4	249.0	226.4	200.0	173.5
17.5°	660.2	588.5	528.2	464.0	403.7	347.1	298.0	267.9	245.2	215.0	184.9
15°	780.9	656.4	581.0	516.9	445.2	381.0	328.2	286.7	256.5	226.4	200.0
12.5°	871.5	709.3	626.3	565.9	490.4	418.8	350.9	301.8	267.9	237.7	207.5
10°	973.4	765.9	664.0	596.1	516.9	437.6	366.0	313.1	275.4	249.0	218.8
7.5°	1056.4	811.1	682.9	607.4	531.9	452.7	381.0	324.5	286.7	256.5	226.4
5°	1131.8	848.9	697.9	611.2	539.5	464.0	388.6	332.0	294.3	264.1	233.9
2.5°	1184.6	882.8	713.0	618.7	547.0	471.6	399.9	339.5	301.8	271.6	241.5
0°	1229.9	894.1	709.3	618.7	550.8	471.6	403.7	343.3	305.6	275.4	245.2
-2.5°	1245.0	913.0	728.1	626.3	558.4	479.1	411.2	347.1	309.4	279.2	252.8
-5°	1245.0	897.9	728.1	633.8	562.1	482.9	411.2	350.9	313.1	283.0	252.8
-7.5°	1199.7	875.3	724.4	641.4	565.9	486.7	411.2	354.6	316.9	286.7	256.5
-10°	1120.5	841.3	720.6	645.1	565.9	482.9	411.2	354.6	316.9	286.7	260.3
-12.5°	992.2	796.0	701.7	637.6	558.4	475.4	407.4	354.6	316.9	290.5	260.3
-15°	928.1	758.3	679.1	614.9	539.5	464.0	399.9	350.9	316.9	290.5	264.1
-17.5°	841.3	728.1	656.4	592.3	524.4	452.7	392.4	350.9	316.9	286.7	264.1
-20°	780.9	694.2	630.0	573.4	505.5	441.4	388.6	347.1	316.9	286.7	264.1



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	728.1	656.4	599.9	543.3	482.9	426.3	381.0	343.3	313.1	286.7	264.1
-25°	686.6	622.5	569.7	516.9	464.0	415.0	373.5	339.5	309.4	286.7	260.3
-27.5°	648.9	588.5	539.5	490.4	441.4	403.7	366.0	335.8	309.4	283.0	256.5
-30°	607.4	558.4	509.3	464.0	430.1	392.4	358.4	328.2	305.6	279.2	252.8
-32.5°	565.9	520.6	479.1	445.2	415.0	384.8	354.6	324.5	298.0	271.6	245.2
-35°	528.2	486.7	456.5	426.3	403.7	377.3	347.1	316.9	294.3	267.9	245.2
-37.5°	490.4	460.3	433.9	411.2	388.6	366.0	335.8	309.4	286.7	260.3	233.9
-40°	460.3	437.6	418.8	399.9	377.3	350.9	328.2	301.8	279.2	252.8	222.6
-42.5°	441.4	422.5	403.7	384.8	366.0	343.3	320.7	294.3	271.6	245.2	215.0
-45°	422.5	407.4	392.4	377.3	358.4	335.8	309.4	283.0	260.3	233.9	211.3
-47.5°	411.2	396.1	381.0	369.7	354.6	324.5	301.8	275.4	249.0	226.4	200.0
-50°	399.9	384.8	373.5	358.4	339.5	313.1	290.5	264.1	241.5	215.0	192.4
-52.5°	388.6	373.5	358.4	343.3	324.5	301.8	279.2	256.5	230.1	203.7	181.1
-55°	377.3	362.2	347.1	332.0	313.1	294.3	271.6	241.5	215.0	188.6	166.0
-57.5°	366.0	354.6	335.8	316.9	298.0	279.2	252.8	226.4	200.0	173.5	154.7
-60°	350.9	335.8	320.7	298.0	279.2	256.5	233.9	211.3	184.9	162.2	143.4
-62.5°	328.2	313.1	298.0	275.4	256.5	237.7	218.8	192.4	173.5	150.9	132.0
-65°	301.8	286.7	271.6	252.8	233.9	215.0	200.0	177.3	158.5	139.6	124.5
-67.5°	271.6	256.5	245.2	226.4	211.3	192.4	177.3	158.5	139.6	124.5	109.4
-70°	233.9	222.6	211.3	196.2	181.1	166.0	150.9	135.8	120.7	109.4	94.3
-72.5°	200.0	188.6	177.3	166.0	154.7	139.6	128.3	117.0	105.6	94.3	86.8
-75°	162.2	154.7	147.1	139.6	128.3	117.0	109.4	98.1	90.5	83.0	79.2
-77.5°	135.8	128.3	120.7	113.2	105.6	98.1	90.5	83.0	79.2	75.5	71.7
-80°	109.4	105.6	101.9	94.3	90.5	83.0	79.2	71.7	71.7	71.7	71.7
-82.5°	86.8	83.0	79.2	75.5	71.7	67.9	67.9	64.1	67.9	67.9	64.1
-85°	60.4	56.6	52.8	52.8	49.0	49.0	45.3	45.3	45.3	41.5	41.5
-87.5°	26.4	26.4	26.4	26.4	22.6	22.6	22.6	22.6	22.6	18.9	18.9
-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: P724048  
 CATALOG NUMBER: IFLD-S-SA3E-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°	7.5	7.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	0.0	0.0
85°	15.1	15.1	11.3	11.3	11.3	7.5	7.5	3.8	3.8	3.8	3.8
82.5°	34.0	30.2	26.4	22.6	18.9	15.1	11.3	7.5	7.5	3.8	3.8
80°	41.5	41.5	41.5	37.7	30.2	22.6	15.1	11.3	7.5	3.8	3.8
77.5°	30.2	30.2	34.0	37.7	37.7	30.2	18.9	11.3	7.5	7.5	3.8
75°	22.6	22.6	22.6	26.4	30.2	30.2	22.6	15.1	7.5	7.5	3.8
72.5°	22.6	22.6	22.6	22.6	22.6	22.6	22.6	15.1	11.3	7.5	7.5
70°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	15.1	11.3	7.5	7.5
67.5°	15.1	15.1	18.9	18.9	18.9	15.1	15.1	15.1	11.3	7.5	7.5
65°	11.3	15.1	15.1	18.9	15.1	15.1	15.1	11.3	11.3	7.5	7.5
62.5°	11.3	11.3	15.1	15.1	15.1	15.1	11.3	11.3	11.3	7.5	7.5
60°	11.3	11.3	11.3	15.1	11.3	11.3	11.3	11.3	11.3	7.5	7.5
57.5°	11.3	11.3	11.3	11.3	11.3	11.3	11.3	7.5	7.5	7.5	7.5
55°	11.3	11.3	11.3	11.3	11.3	11.3	7.5	7.5	7.5	7.5	7.5
52.5°	15.1	11.3	11.3	11.3	11.3	11.3	7.5	7.5	7.5	7.5	7.5
50°	18.9	11.3	11.3	11.3	11.3	7.5	7.5	7.5	7.5	7.5	7.5
47.5°	26.4	18.9	15.1	11.3	11.3	7.5	7.5	7.5	7.5	7.5	3.8
45°	37.7	26.4	18.9	15.1	11.3	7.5	7.5	7.5	7.5	7.5	3.8
42.5°	45.3	34.0	22.6	18.9	15.1	11.3	7.5	7.5	7.5	3.8	3.8
40°	56.6	45.3	30.2	22.6	15.1	11.3	7.5	7.5	7.5	3.8	3.8
37.5°	71.7	56.6	37.7	26.4	18.9	11.3	11.3	7.5	7.5	3.8	3.8
35°	83.0	64.1	49.0	30.2	22.6	15.1	11.3	7.5	7.5	3.8	3.8
32.5°	94.3	75.5	60.4	37.7	26.4	18.9	15.1	7.5	7.5	3.8	3.8
30°	105.6	86.8	67.9	49.0	34.0	22.6	15.1	7.5	7.5	3.8	3.8
27.5°	117.0	94.3	75.5	56.6	37.7	26.4	18.9	11.3	7.5	3.8	3.8
25°	128.3	105.6	83.0	64.1	41.5	30.2	18.9	11.3	7.5	7.5	3.8
22.5°	135.8	117.0	94.3	71.7	49.0	34.0	22.6	15.1	7.5	7.5	3.8
20°	147.1	128.3	101.9	79.2	56.6	37.7	22.6	15.1	7.5	7.5	3.8
17.5°	158.5	135.8	109.4	86.8	64.1	41.5	26.4	18.9	7.5	7.5	3.8
15°	169.8	143.4	117.0	90.5	67.9	45.3	26.4	18.9	7.5	7.5	3.8
12.5°	181.1	154.7	124.5	98.1	71.7	49.0	30.2	22.6	11.3	7.5	3.8
10°	188.6	162.2	132.0	101.9	75.5	56.6	34.0	22.6	11.3	7.5	3.8
7.5°	200.0	169.8	139.6	109.4	79.2	60.4	37.7	22.6	11.3	7.5	3.8
5°	203.7	177.3	143.4	117.0	83.0	64.1	41.5	26.4	11.3	7.5	3.8
2.5°	207.5	184.9	147.1	120.7	86.8	64.1	41.5	26.4	15.1	7.5	3.8
0°	211.3	188.6	150.9	124.5	90.5	67.9	45.3	26.4	15.1	7.5	3.8
-2.5°	215.0	192.4	158.5	128.3	94.3	71.7	49.0	26.4	15.1	7.5	3.8
-5°	218.8	192.4	166.0	132.0	98.1	71.7	49.0	30.2	18.9	7.5	3.8
-7.5°	222.6	196.2	169.8	135.8	101.9	71.7	52.8	30.2	18.9	11.3	3.8
-10°	226.4	200.0	173.5	139.6	101.9	75.5	52.8	30.2	18.9	11.3	3.8
-12.5°	230.1	203.7	173.5	139.6	105.6	75.5	52.8	34.0	18.9	11.3	3.8
-15°	233.9	203.7	173.5	139.6	105.6	79.2	56.6	34.0	18.9	11.3	7.5
-17.5°	233.9	203.7	173.5	143.4	105.6	79.2	56.6	34.0	18.9	11.3	7.5
-20°	233.9	203.7	173.5	143.4	105.6	79.2	56.6	34.0	18.9	11.3	7.5



REPORT NUMBER: P724048  
 CATALOG NUMBER: IFLD-S-SA3E-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°	230.1	200.0	173.5	139.6	105.6	79.2	56.6	34.0	22.6	11.3	7.5
-25°	230.1	200.0	173.5	139.6	105.6	79.2	52.8	34.0	22.6	11.3	7.5
-27.5°	226.4	200.0	169.8	135.8	101.9	75.5	52.8	34.0	22.6	11.3	7.5
-30°	222.6	196.2	166.0	132.0	101.9	75.5	52.8	34.0	22.6	11.3	7.5
-32.5°	218.8	188.6	162.2	128.3	98.1	71.7	52.8	34.0	22.6	11.3	7.5
-35°	211.3	184.9	154.7	124.5	94.3	71.7	49.0	34.0	22.6	15.1	7.5
-37.5°	203.7	177.3	150.9	120.7	90.5	67.9	49.0	34.0	22.6	15.1	7.5
-40°	196.2	173.5	143.4	113.2	86.8	64.1	49.0	34.0	22.6	15.1	11.3
-42.5°	188.6	166.0	139.6	109.4	86.8	64.1	45.3	34.0	22.6	15.1	11.3
-45°	184.9	162.2	132.0	105.6	83.0	64.1	45.3	30.2	22.6	15.1	11.3
-47.5°	177.3	150.9	124.5	101.9	79.2	60.4	41.5	30.2	22.6	15.1	11.3
-50°	166.0	143.4	120.7	98.1	75.5	56.6	41.5	30.2	22.6	15.1	11.3
-52.5°	154.7	132.0	113.2	90.5	71.7	56.6	41.5	30.2	22.6	15.1	11.3
-55°	143.4	124.5	105.6	86.8	67.9	52.8	37.7	30.2	22.6	15.1	11.3
-57.5°	135.8	117.0	98.1	79.2	64.1	49.0	37.7	26.4	18.9	15.1	11.3
-60°	128.3	109.4	90.5	75.5	60.4	49.0	37.7	26.4	18.9	15.1	7.5
-62.5°	117.0	101.9	83.0	71.7	56.6	45.3	34.0	26.4	18.9	15.1	7.5
-65°	105.6	90.5	75.5	64.1	52.8	41.5	34.0	26.4	18.9	15.1	7.5
-67.5°	94.3	83.0	71.7	60.4	49.0	41.5	34.0	26.4	18.9	11.3	7.5
-70°	86.8	75.5	64.1	56.6	49.0	37.7	34.0	26.4	18.9	11.3	7.5
-72.5°	75.5	67.9	60.4	52.8	45.3	41.5	34.0	26.4	15.1	11.3	7.5
-75°	71.7	64.1	56.6	52.8	49.0	41.5	34.0	22.6	15.1	11.3	7.5
-77.5°	71.7	64.1	60.4	56.6	49.0	41.5	30.2	18.9	11.3	11.3	7.5
-80°	71.7	67.9	64.1	52.8	45.3	34.0	22.6	18.9	11.3	7.5	3.8
-82.5°	64.1	52.8	45.3	37.7	34.0	26.4	18.9	15.1	7.5	7.5	3.8
-85°	41.5	34.0	30.2	26.4	22.6	18.9	11.3	7.5	7.5	3.8	3.8
-87.5°	18.9	18.9	15.1	11.3	11.3	7.5	7.5	3.8	3.8	3.8	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: P724048  
 CATALOG NUMBER: IFLD-S-SA3E-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°	3.8	0.0	0.0	0.0
77.5°	3.8	0.0	0.0	0.0
75°	3.8	3.8	0.0	0.0
72.5°	3.8	3.8	0.0	0.0
70°	3.8	3.8	0.0	0.0
67.5°	3.8	3.8	0.0	0.0
65°	3.8	3.8	0.0	0.0
62.5°	3.8	3.8	0.0	0.0
60°	3.8	3.8	0.0	0.0
57.5°	3.8	3.8	3.8	0.0
55°	3.8	3.8	3.8	0.0
52.5°	3.8	3.8	3.8	0.0
50°	3.8	3.8	3.8	0.0
47.5°	3.8	3.8	3.8	0.0
45°	3.8	3.8	3.8	0.0
42.5°	3.8	3.8	3.8	0.0
40°	3.8	3.8	3.8	0.0
37.5°	3.8	3.8	3.8	0.0
35°	3.8	3.8	3.8	0.0
32.5°	3.8	3.8	3.8	0.0
30°	3.8	3.8	3.8	0.0
27.5°	3.8	3.8	3.8	0.0
25°	3.8	3.8	3.8	0.0
22.5°	3.8	3.8	3.8	0.0
20°	3.8	3.8	3.8	0.0
17.5°	3.8	3.8	3.8	0.0
15°	3.8	3.8	3.8	0.0
12.5°	3.8	3.8	3.8	0.0
10°	3.8	3.8	3.8	0.0
7.5°	3.8	3.8	3.8	0.0
5°	3.8	3.8	3.8	0.0
2.5°	3.8	3.8	3.8	0.0
0°	3.8	3.8	3.8	0.0
-2.5°	3.8	3.8	3.8	0.0
-5°	3.8	3.8	3.8	0.0
-7.5°	3.8	3.8	3.8	0.0
-10°	3.8	3.8	3.8	0.0
-12.5°	3.8	3.8	3.8	0.0
-15°	3.8	3.8	3.8	0.0
-17.5°	3.8	3.8	3.8	0.0
-20°	3.8	3.8	3.8	0.0



REPORT NUMBER: P724048

CATALOG NUMBER: IFLD-S-SA3E-727-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	3.8	3.8	3.8	0.0
-25°	3.8	3.8	3.8	0.0
-27.5°	3.8	3.8	3.8	0.0
-30°	3.8	3.8	3.8	0.0
-32.5°	3.8	3.8	3.8	0.0
-35°	3.8	3.8	3.8	0.0
-37.5°	3.8	3.8	3.8	0.0
-40°	3.8	3.8	3.8	0.0
-42.5°	3.8	3.8	3.8	0.0
-45°	3.8	3.8	3.8	0.0
-47.5°	3.8	3.8	3.8	0.0
-50°	3.8	3.8	3.8	0.0
-52.5°	3.8	3.8	3.8	0.0
-55°	3.8	3.8	3.8	0.0
-57.5°	3.8	3.8	3.8	0.0
-60°	3.8	3.8	0.0	0.0
-62.5°	3.8	3.8	0.0	0.0
-65°	3.8	3.8	0.0	0.0
-67.5°	3.8	3.8	0.0	0.0
-70°	3.8	3.8	0.0	0.0
-72.5°	3.8	3.8	0.0	0.0
-75°	3.8	3.8	0.0	0.0
-77.5°	3.8	0.0	0.0	0.0
-80°	3.8	0.0	0.0	0.0
-82.5°	3.8	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)