

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: P724049

Luminaire Tested: **IFLD-S-SA6A-727-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724049
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-727-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (96) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

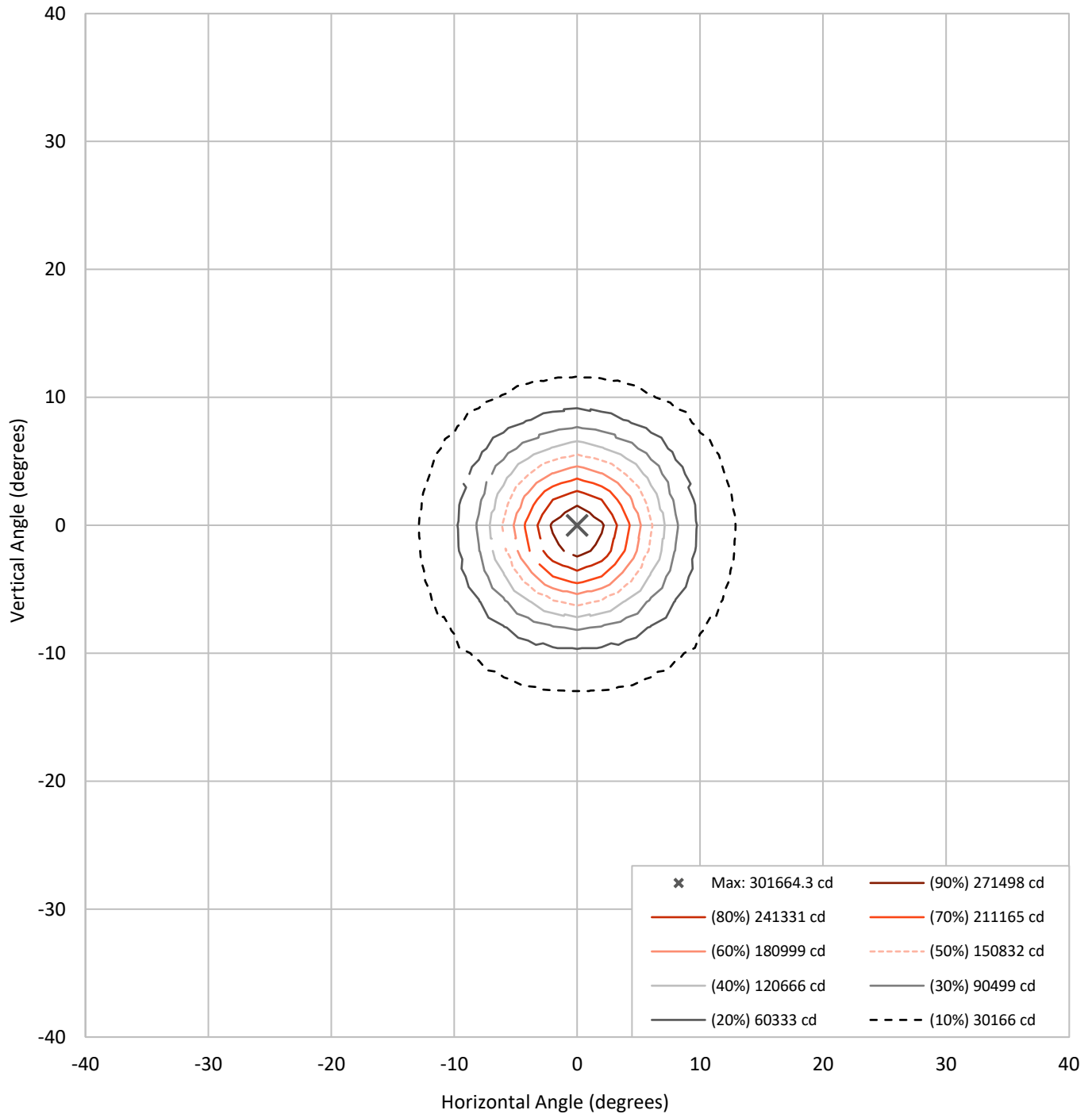
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	21071.5 lumens	Max Intensity:	301664.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	111.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6592.1 lumens	Field Lumens:	14999.4 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 189.6
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





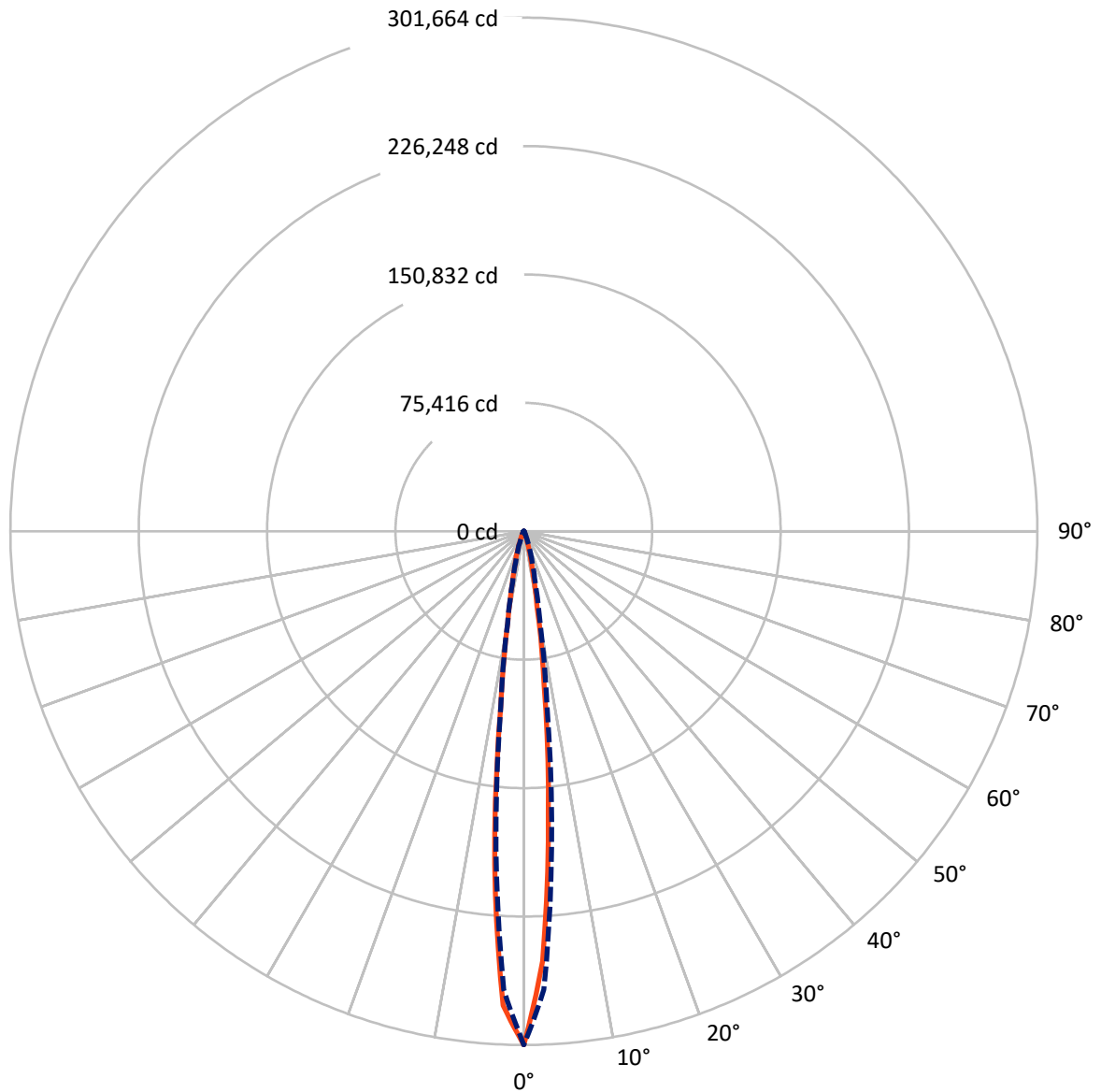
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Lumen Table

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	45.4	45.4	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	166.0	420.0	420.0	166.0	31.8	12.8	6.3	3.0	0.9	
10	0.3	1.2	3.6	7.5	15.6	64.5	534.7	3294.8	3294.8	534.7	64.5	15.6	7.5	3.6	1.2	0.3
0		1.4	3.9	7.9	16.3	73.6	588.3	3628.5	3628.5	588.3	73.6	16.3	7.9	3.9	1.4	
-10	0.4	1.5	4.1	7.8	15.3	44.1	264.1	636.4	636.4	264.1	44.1	15.3	7.8	4.1	1.5	0.4
-20		1.4	4.0	7.4	13.0	22.5	54.6	102.5	102.5	54.6	22.5	13.0	7.4	4.0	1.4	
-30	0.4	1.3	3.7	6.9	10.8	15.9	22.5	26.5	26.5	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		17.6		14.6		7.9		2.9		0.2

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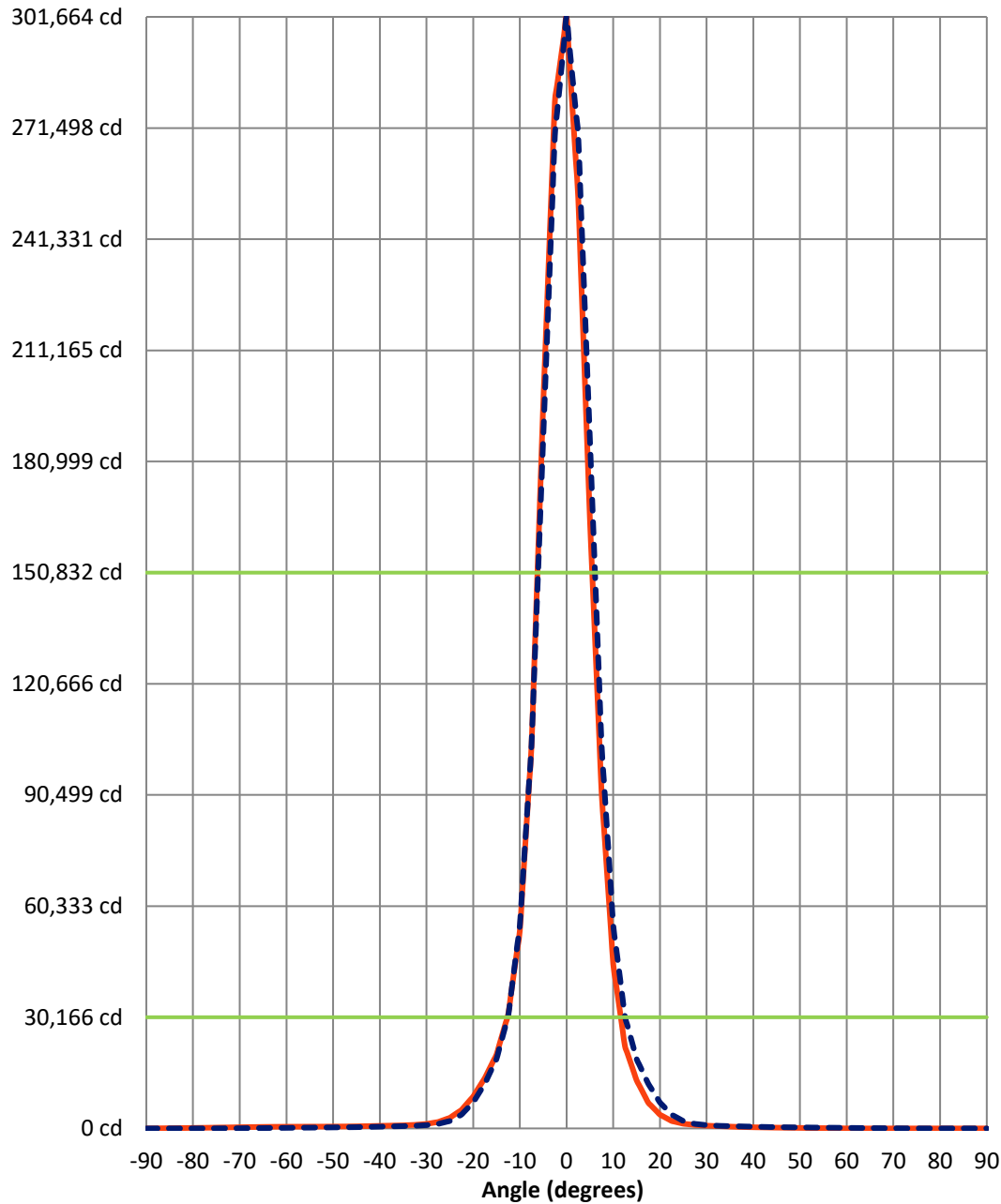
Luminous Intensity Polar Plot



— 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: 6592.1
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 14999.4
Efficiency: 71.2%

Spill:
Lumens: 6072.1
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	7.6	7.6
82.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	7.6	7.6	7.6
80°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	7.6	7.6	7.6
77.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	7.6
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°	7.6	7.6	7.6	7.6	11.3	11.3	15.1	15.1	15.1	7.6	15.1
57.5°	60.4	60.4	56.6	52.9	49.1	45.3	45.3	45.3	45.3	45.3	37.8
55°	83.1	83.1	83.1	79.3	79.3	75.5	71.7	68.0	68.0	64.2	60.4
52.5°	98.2	98.2	98.2	98.2	94.4	94.4	94.4	90.6	83.1	83.1	79.3
50°	139.7	135.9	135.9	135.9	135.9	128.4	124.6	117.0	113.3	109.5	105.7
47.5°	181.2	181.2	177.4	177.4	173.7	166.1	158.6	151.0	143.5	139.7	132.1
45°	215.2	215.2	211.4	211.4	207.6	200.1	188.8	177.4	169.9	162.3	154.8
42.5°	264.3	260.5	256.7	252.9	245.4	234.1	219.0	203.9	192.5	181.2	173.7
40°	317.1	317.1	313.3	309.6	298.2	286.9	268.0	249.2	230.3	207.6	196.3
37.5°	381.3	385.1	388.8	388.8	381.3	366.2	339.8	317.1	286.9	256.7	241.6
35°	498.3	498.3	505.9	505.9	494.5	475.7	456.8	407.7	370.0	332.2	298.2
32.5°	626.7	630.4	615.3	604.0	588.9	566.3	532.3	490.8	449.2	400.2	362.4
30°	751.2	751.2	732.4	709.7	679.5	641.8	600.2	554.9	505.9	456.8	411.5
27.5°	947.5	928.7	913.6	875.8	823.0	751.2	698.4	626.7	562.5	505.9	456.8
25°	1272.2	1268.4	1234.4	1170.3	1064.6	951.3	864.5	743.7	645.5	558.7	502.1
22.5°	2023.4	1997.0	1917.7	1759.2	1510.0	1313.7	1136.3	947.5	770.1	653.1	562.5
20°	3741.0	3654.2	3442.8	3004.9	2446.2	2061.2	1619.5	1302.4	1004.2	785.2	649.3
17.5°	6980.0	6923.4	6844.1	5832.4	4696.1	3880.7	2887.9	1997.0	1427.0	1026.8	770.1
15°	13084.2	12665.1	11789.3	10577.6	8988.3	6946.0	5107.6	3223.9	2038.5	1366.6	977.7
12.5°	22366.9	21902.6	19641.3	16610.0	13752.3	10845.6	7614.2	4900.0	2903.0	1736.5	1158.9
10°	44567.7	41196.6	34865.9	26021.1	20309.5	15145.3	10690.8	6685.5	3778.8	2193.3	1374.1
7.5°	91283.3	80267.9	61853.4	43665.5	28263.4	19864.1	13654.2	8742.9	5035.9	2744.4	1570.4
5°	165447.1	145903.9	109920.5	66187.1	41041.8	24896.1	16202.3	10396.4	5960.7	3193.7	1766.7
2.5°	252627.0	227345.8	158916.3	91011.5	50607.7	28791.9	17984.1	11483.6	6549.6	3499.4	1917.7
0°	301664.3	269463.5	187149.5	104197.6	55164.1	30445.4	18856.1	12136.6	7047.9	3748.6	2015.9
-2.5°	278663.2	252740.2	171992.9	96791.1	52714.1	29720.6	18980.7	12299.0	7131.0	3816.5	2061.2
-5°	196402.1	175126.2	119007.0	71426.8	44726.2	27376.3	17908.6	11687.4	6900.7	3718.4	2042.3
-7.5°	103907.0	94280.7	70577.5	51324.9	32646.2	23171.0	16123.0	10604.0	6304.3	3454.1	1929.0
-10°	53684.3	51710.0	44560.1	33590.0	26417.5	19411.1	13759.9	9067.6	5269.9	2974.7	1736.5
-12.5°	30951.2	30615.3	28316.3	24307.2	20256.7	15945.6	11291.0	7395.2	4397.9	2465.1	1464.7
-15°	20041.5	20184.9	19384.6	17716.1	15409.6	11932.8	8675.0	5500.2	3254.1	1997.0	1291.1
-17.5°	13676.8	13639.1	13265.4	12121.5	10264.2	8059.6	5749.3	3884.5	2465.1	1555.3	1072.1
-20°	8652.3	8667.4	8320.1	7531.1	6164.6	4967.9	3578.7	2619.9	1747.8	1223.1	947.5



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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°	5020.8	5032.1	4813.1	4367.7	3650.4	2944.5	2325.4	1732.7	1287.3	1019.3	830.5
-25°	2884.1	2838.8	2752.0	2536.8	2200.8	1815.8	1544.0	1219.3	1030.6	864.5	758.8
-27.5°	1747.8	1717.6	1672.3	1578.0	1445.8	1253.3	1128.7	985.3	875.8	777.7	713.5
-30°	1219.3	1230.7	1192.9	1143.8	1083.4	996.6	928.7	860.7	789.0	728.6	668.2
-32.5°	970.2	977.7	958.9	940.0	909.8	875.8	834.3	785.2	728.6	672.0	615.3
-35°	834.3	838.1	838.1	834.3	826.7	800.3	770.1	724.8	672.0	619.1	570.0
-37.5°	766.3	770.1	770.1	766.3	755.0	732.4	702.2	664.4	615.3	566.3	528.5
-40°	694.6	698.4	694.6	687.1	675.7	653.1	630.4	600.2	562.5	521.0	487.0
-42.5°	626.7	622.9	619.1	611.6	600.2	585.1	566.3	543.6	517.2	487.0	460.6
-45°	562.5	562.5	558.7	554.9	547.4	536.1	524.7	505.9	487.0	464.3	441.7
-47.5°	528.5	528.5	524.7	521.0	517.2	509.6	498.3	483.2	468.1	449.2	430.4
-50°	505.9	505.9	505.9	502.1	498.3	490.8	479.4	468.1	453.0	434.1	415.3
-52.5°	490.8	490.8	490.8	487.0	483.2	479.4	468.1	453.0	434.1	419.0	403.9
-55°	483.2	479.4	479.4	475.7	471.9	468.1	453.0	437.9	422.8	407.7	392.6
-57.5°	471.9	468.1	468.1	464.3	460.6	456.8	441.7	426.6	411.5	392.6	381.3
-60°	460.6	456.8	456.8	449.2	445.5	441.7	426.6	411.5	396.4	381.3	366.2
-62.5°	445.5	441.7	437.9	434.1	426.6	419.0	407.7	392.6	373.7	358.6	343.5
-65°	411.5	407.7	403.9	400.2	396.4	392.6	381.3	362.4	347.3	332.2	317.1
-67.5°	370.0	370.0	370.0	362.4	358.6	351.1	343.5	328.4	313.3	298.2	286.9
-70°	320.9	320.9	320.9	313.3	309.6	305.8	294.5	283.1	271.8	260.5	245.4
-72.5°	271.8	268.0	268.0	264.3	256.7	252.9	245.4	237.8	226.5	219.0	207.6
-75°	222.7	219.0	219.0	215.2	211.4	207.6	200.1	196.3	188.8	181.2	169.9
-77.5°	177.4	177.4	177.4	173.7	169.9	166.1	162.3	158.6	154.8	147.2	139.7
-80°	135.9	135.9	135.9	135.9	135.9	135.9	135.9	132.1	124.6	120.8	117.0
-82.5°	98.2	101.9	101.9	101.9	101.9	101.9	101.9	101.9	98.2	94.4	90.6
-85°	64.2	68.0	68.0	71.7	75.5	75.5	79.3	75.5	71.7	64.2	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	7.6	7.6	7.6
85°	7.6	7.6	7.6	7.6	11.3	11.3	11.3	15.1	15.1	15.1	15.1
82.5°	7.6	11.3	11.3	11.3	15.1	15.1	18.9	22.7	30.2	34.0	34.0
80°	7.6	11.3	11.3	11.3	15.1	15.1	18.9	18.9	22.7	26.4	34.0
77.5°	7.6	7.6	11.3	11.3	11.3	15.1	15.1	18.9	18.9	22.7	26.4
75°	3.8	7.6	7.6	7.6	11.3	11.3	15.1	15.1	18.9	18.9	22.7
72.5°	3.8	7.6	7.6	7.6	11.3	11.3	15.1	15.1	15.1	18.9	18.9
70°	3.8	7.6	7.6	7.6	7.6	11.3	11.3	11.3	15.1	15.1	15.1
67.5°	3.8	3.8	3.8	7.6	7.6	7.6	7.6	11.3	11.3	11.3	15.1
65°	3.8	3.8	3.8	3.8	7.6	7.6	7.6	7.6	11.3	11.3	11.3
62.5°	3.8	3.8	3.8	7.6	7.6	7.6	7.6	7.6	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	22.7	22.7	18.9	15.1	15.1	11.3	11.3
55°	56.6	52.9	49.1	41.5	37.8	34.0	30.2	22.7	18.9	15.1	11.3
52.5°	71.7	68.0	64.2	60.4	52.9	45.3	41.5	37.8	30.2	22.7	18.9
50°	105.7	94.4	86.8	79.3	71.7	64.2	56.6	52.9	41.5	34.0	26.4
47.5°	128.4	120.8	109.5	101.9	94.4	83.1	71.7	64.2	56.6	45.3	34.0
45°	147.2	139.7	128.4	120.8	113.3	101.9	90.6	79.3	71.7	60.4	45.3
42.5°	166.1	158.6	147.2	139.7	128.4	117.0	105.7	94.4	83.1	75.5	60.4
40°	192.5	181.2	166.1	158.6	151.0	135.9	120.8	109.5	98.2	86.8	71.7
37.5°	226.5	215.2	196.3	181.2	169.9	158.6	143.5	128.4	117.0	101.9	86.8
35°	279.4	260.5	234.1	211.4	196.3	181.2	162.3	147.2	132.1	117.0	101.9
32.5°	332.2	302.0	268.0	241.6	219.0	200.1	181.2	166.1	147.2	128.4	113.3
30°	373.7	339.8	305.8	268.0	241.6	219.0	200.1	181.2	162.3	143.5	124.6
27.5°	415.3	377.5	339.8	302.0	264.3	234.1	215.2	196.3	177.4	158.6	135.9
25°	456.8	415.3	377.5	336.0	290.7	256.7	230.3	215.2	196.3	173.7	147.2
22.5°	494.5	456.8	419.0	373.7	320.9	275.6	249.2	230.3	211.4	185.0	162.3
20°	566.3	517.2	471.9	415.3	354.9	309.6	275.6	249.2	226.5	200.1	173.7
17.5°	660.6	588.9	528.5	464.3	403.9	347.3	298.2	268.0	245.4	215.2	185.0
15°	781.4	656.9	581.4	517.2	445.5	381.3	328.4	286.9	256.7	226.5	200.1
12.5°	872.0	709.7	626.7	566.3	490.8	419.0	351.1	302.0	268.0	237.8	207.6
10°	974.0	766.3	664.4	596.5	517.2	437.9	366.2	313.3	275.6	249.2	219.0
7.5°	1057.0	811.6	683.3	607.8	532.3	453.0	381.3	324.7	286.9	256.7	226.5
5°	1132.5	849.4	698.4	611.6	539.8	464.3	388.8	332.2	294.5	264.3	234.1
2.5°	1185.4	883.4	713.5	619.1	547.4	471.9	400.2	339.8	302.0	271.8	241.6
0°	1230.7	894.7	709.7	619.1	551.2	471.9	403.9	343.5	305.8	275.6	245.4
-2.5°	1245.8	913.6	728.6	626.7	558.7	479.4	411.5	347.3	309.6	279.4	252.9
-5°	1245.8	898.5	728.6	634.2	562.5	483.2	411.5	351.1	313.3	283.1	252.9
-7.5°	1200.5	875.8	724.8	641.8	566.3	487.0	411.5	354.9	317.1	286.9	256.7
-10°	1121.2	841.8	721.0	645.5	566.3	483.2	411.5	354.9	317.1	286.9	260.5
-12.5°	992.8	796.5	702.2	638.0	558.7	475.7	407.7	354.9	317.1	290.7	260.5
-15°	928.7	758.8	679.5	615.3	539.8	464.3	400.2	351.1	317.1	290.7	264.3
-17.5°	841.8	728.6	656.9	592.7	524.7	453.0	392.6	351.1	317.1	286.9	264.3
-20°	781.4	694.6	630.4	573.8	505.9	441.7	388.8	347.3	317.1	286.9	264.3



REPORT NUMBER: P724049

CATALOG NUMBER: IFLD-S-SA6A-727-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°	728.6	656.9	600.2	543.6	483.2	426.6	381.3	343.5	313.3	286.9	264.3
-25°	687.1	622.9	570.0	517.2	464.3	415.3	373.7	339.8	309.6	286.9	260.5
-27.5°	649.3	588.9	539.8	490.8	441.7	403.9	366.2	336.0	309.6	283.1	256.7
-30°	607.8	558.7	509.6	464.3	430.4	392.6	358.6	328.4	305.8	279.4	252.9
-32.5°	566.3	521.0	479.4	445.5	415.3	385.1	354.9	324.7	298.2	271.8	245.4
-35°	528.5	487.0	456.8	426.6	403.9	377.5	347.3	317.1	294.5	268.0	245.4
-37.5°	490.8	460.6	434.1	411.5	388.8	366.2	336.0	309.6	286.9	260.5	234.1
-40°	460.6	437.9	419.0	400.2	377.5	351.1	328.4	302.0	279.4	252.9	222.7
-42.5°	441.7	422.8	403.9	385.1	366.2	343.5	320.9	294.5	271.8	245.4	215.2
-45°	422.8	407.7	392.6	377.5	358.6	336.0	309.6	283.1	260.5	234.1	211.4
-47.5°	411.5	396.4	381.3	370.0	354.9	324.7	302.0	275.6	249.2	226.5	200.1
-50°	400.2	385.1	373.7	358.6	339.8	313.3	290.7	264.3	241.6	215.2	192.5
-52.5°	388.8	373.7	358.6	343.5	324.7	302.0	279.4	256.7	230.3	203.9	181.2
-55°	377.5	362.4	347.3	332.2	313.3	294.5	271.8	241.6	215.2	188.8	166.1
-57.5°	366.2	354.9	336.0	317.1	298.2	279.4	252.9	226.5	200.1	173.7	154.8
-60°	351.1	336.0	320.9	298.2	279.4	256.7	234.1	211.4	185.0	162.3	143.5
-62.5°	328.4	313.3	298.2	275.6	256.7	237.8	219.0	192.5	173.7	151.0	132.1
-65°	302.0	286.9	271.8	252.9	234.1	215.2	200.1	177.4	158.6	139.7	124.6
-67.5°	271.8	256.7	245.4	226.5	211.4	192.5	177.4	158.6	139.7	124.6	109.5
-70°	234.1	222.7	211.4	196.3	181.2	166.1	151.0	135.9	120.8	109.5	94.4
-72.5°	200.1	188.8	177.4	166.1	154.8	139.7	128.4	117.0	105.7	94.4	86.8
-75°	162.3	154.8	147.2	139.7	128.4	117.0	109.5	98.2	90.6	83.1	79.3
-77.5°	135.9	128.4	120.8	113.3	105.7	98.2	90.6	83.1	79.3	75.5	71.7
-80°	109.5	105.7	101.9	94.4	90.6	83.1	79.3	71.7	71.7	71.7	71.7
-82.5°	86.8	83.1	79.3	75.5	71.7	68.0	68.0	64.2	68.0	68.0	64.2
-85°	60.4	56.6	52.9	52.9	49.1	49.1	45.3	45.3	45.3	41.5	41.5
-87.5°	26.4	26.4	26.4	26.4	22.7	22.7	22.7	22.7	22.7	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: P724049
 CATALOG NUMBER: IFLD-S-SA6A-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°	7.6	7.6	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	7.6	7.6	3.8	3.8	3.8	3.8
82.5°	34.0	30.2	26.4	22.7	18.9	15.1	11.3	7.6	7.6	3.8	3.8
80°	41.5	41.5	41.5	37.8	30.2	22.7	15.1	11.3	7.6	3.8	3.8
77.5°	30.2	30.2	34.0	37.8	37.8	30.2	18.9	11.3	7.6	7.6	3.8
75°	22.7	22.7	22.7	26.4	30.2	30.2	22.7	15.1	7.6	7.6	3.8
72.5°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	15.1	11.3	7.6	7.6
70°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	15.1	11.3	7.6	7.6
67.5°	15.1	15.1	18.9	18.9	18.9	15.1	15.1	15.1	11.3	7.6	7.6
65°	11.3	15.1	15.1	18.9	15.1	15.1	15.1	11.3	11.3	7.6	7.6
62.5°	11.3	11.3	15.1	15.1	15.1	15.1	11.3	11.3	11.3	7.6	7.6
60°	11.3	11.3	11.3	15.1	11.3	11.3	11.3	11.3	11.3	7.6	7.6
57.5°	11.3	11.3	11.3	11.3	11.3	11.3	11.3	7.6	7.6	7.6	7.6
55°	11.3	11.3	11.3	11.3	11.3	11.3	7.6	7.6	7.6	7.6	7.6
52.5°	15.1	11.3	11.3	11.3	11.3	11.3	7.6	7.6	7.6	7.6	7.6
50°	18.9	11.3	11.3	11.3	11.3	7.6	7.6	7.6	7.6	7.6	7.6
47.5°	26.4	18.9	15.1	11.3	11.3	7.6	7.6	7.6	7.6	7.6	3.8
45°	37.8	26.4	18.9	15.1	11.3	7.6	7.6	7.6	7.6	7.6	3.8
42.5°	45.3	34.0	22.7	18.9	15.1	11.3	7.6	7.6	7.6	3.8	3.8
40°	56.6	45.3	30.2	22.7	15.1	11.3	7.6	7.6	7.6	3.8	3.8
37.5°	71.7	56.6	37.8	26.4	18.9	11.3	11.3	7.6	7.6	3.8	3.8
35°	83.1	64.2	49.1	30.2	22.7	15.1	11.3	7.6	7.6	3.8	3.8
32.5°	94.4	75.5	60.4	37.8	26.4	18.9	15.1	7.6	7.6	3.8	3.8
30°	105.7	86.8	68.0	49.1	34.0	22.7	15.1	7.6	7.6	3.8	3.8
27.5°	117.0	94.4	75.5	56.6	37.8	26.4	18.9	11.3	7.6	3.8	3.8
25°	128.4	105.7	83.1	64.2	41.5	30.2	18.9	11.3	7.6	7.6	3.8
22.5°	135.9	117.0	94.4	71.7	49.1	34.0	22.7	15.1	7.6	7.6	3.8
20°	147.2	128.4	101.9	79.3	56.6	37.8	22.7	15.1	7.6	7.6	3.8
17.5°	158.6	135.9	109.5	86.8	64.2	41.5	26.4	18.9	7.6	7.6	3.8
15°	169.9	143.5	117.0	90.6	68.0	45.3	26.4	18.9	7.6	7.6	3.8
12.5°	181.2	154.8	124.6	98.2	71.7	49.1	30.2	22.7	11.3	7.6	3.8
10°	188.8	162.3	132.1	101.9	75.5	56.6	34.0	22.7	11.3	7.6	3.8
7.5°	200.1	169.9	139.7	109.5	79.3	60.4	37.8	22.7	11.3	7.6	3.8
5°	203.9	177.4	143.5	117.0	83.1	64.2	41.5	26.4	11.3	7.6	3.8
2.5°	207.6	185.0	147.2	120.8	86.8	64.2	41.5	26.4	15.1	7.6	3.8
0°	211.4	188.8	151.0	124.6	90.6	68.0	45.3	26.4	15.1	7.6	3.8
-2.5°	215.2	192.5	158.6	128.4	94.4	71.7	49.1	26.4	15.1	7.6	3.8
-5°	219.0	192.5	166.1	132.1	98.2	71.7	49.1	30.2	18.9	7.6	3.8
-7.5°	222.7	196.3	169.9	135.9	101.9	71.7	52.9	30.2	18.9	11.3	3.8
-10°	226.5	200.1	173.7	139.7	101.9	75.5	52.9	30.2	18.9	11.3	3.8
-12.5°	230.3	203.9	173.7	139.7	105.7	75.5	52.9	34.0	18.9	11.3	3.8
-15°	234.1	203.9	173.7	139.7	105.7	79.3	56.6	34.0	18.9	11.3	7.6
-17.5°	234.1	203.9	173.7	143.5	105.7	79.3	56.6	34.0	18.9	11.3	7.6
-20°	234.1	203.9	173.7	143.5	105.7	79.3	56.6	34.0	18.9	11.3	7.6



REPORT NUMBER: P724049

CATALOG NUMBER: IFLD-S-SA6A-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°	230.3	200.1	173.7	139.7	105.7	79.3	56.6	34.0	22.7	11.3	7.6
-25°	230.3	200.1	173.7	139.7	105.7	79.3	52.9	34.0	22.7	11.3	7.6
-27.5°	226.5	200.1	169.9	135.9	101.9	75.5	52.9	34.0	22.7	11.3	7.6
-30°	222.7	196.3	166.1	132.1	101.9	75.5	52.9	34.0	22.7	11.3	7.6
-32.5°	219.0	188.8	162.3	128.4	98.2	71.7	52.9	34.0	22.7	11.3	7.6
-35°	211.4	185.0	154.8	124.6	94.4	71.7	49.1	34.0	22.7	15.1	7.6
-37.5°	203.9	177.4	151.0	120.8	90.6	68.0	49.1	34.0	22.7	15.1	7.6
-40°	196.3	173.7	143.5	113.3	86.8	64.2	49.1	34.0	22.7	15.1	11.3
-42.5°	188.8	166.1	139.7	109.5	86.8	64.2	45.3	34.0	22.7	15.1	11.3
-45°	185.0	162.3	132.1	105.7	83.1	64.2	45.3	30.2	22.7	15.1	11.3
-47.5°	177.4	151.0	124.6	101.9	79.3	60.4	41.5	30.2	22.7	15.1	11.3
-50°	166.1	143.5	120.8	98.2	75.5	56.6	41.5	30.2	22.7	15.1	11.3
-52.5°	154.8	132.1	113.3	90.6	71.7	56.6	41.5	30.2	22.7	15.1	11.3
-55°	143.5	124.6	105.7	86.8	68.0	52.9	37.8	30.2	22.7	15.1	11.3
-57.5°	135.9	117.0	98.2	79.3	64.2	49.1	37.8	26.4	18.9	15.1	11.3
-60°	128.4	109.5	90.6	75.5	60.4	49.1	37.8	26.4	18.9	15.1	7.6
-62.5°	117.0	101.9	83.1	71.7	56.6	45.3	34.0	26.4	18.9	15.1	7.6
-65°	105.7	90.6	75.5	64.2	52.9	41.5	34.0	26.4	18.9	15.1	7.6
-67.5°	94.4	83.1	71.7	60.4	49.1	41.5	34.0	26.4	18.9	11.3	7.6
-70°	86.8	75.5	64.2	56.6	49.1	37.8	34.0	26.4	18.9	11.3	7.6
-72.5°	75.5	68.0	60.4	52.9	45.3	41.5	34.0	26.4	15.1	11.3	7.6
-75°	71.7	64.2	56.6	52.9	49.1	41.5	34.0	22.7	15.1	11.3	7.6
-77.5°	71.7	64.2	60.4	56.6	49.1	41.5	30.2	18.9	11.3	11.3	7.6
-80°	71.7	68.0	64.2	52.9	45.3	34.0	22.7	18.9	11.3	7.6	3.8
-82.5°	64.2	52.9	45.3	37.8	34.0	26.4	18.9	15.1	7.6	7.6	3.8
-85°	41.5	34.0	30.2	26.4	22.7	18.9	11.3	7.6	7.6	3.8	3.8
-87.5°	18.9	18.9	15.1	11.3	11.3	7.6	7.6	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: P724049
 CATALOG NUMBER: IFLD-S-SA6A-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: P724049

CATALOG NUMBER: IFLD-S-SA6A-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)