

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: P724046

Luminaire Tested: **IFLD-S-SA3C-727-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724046
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-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

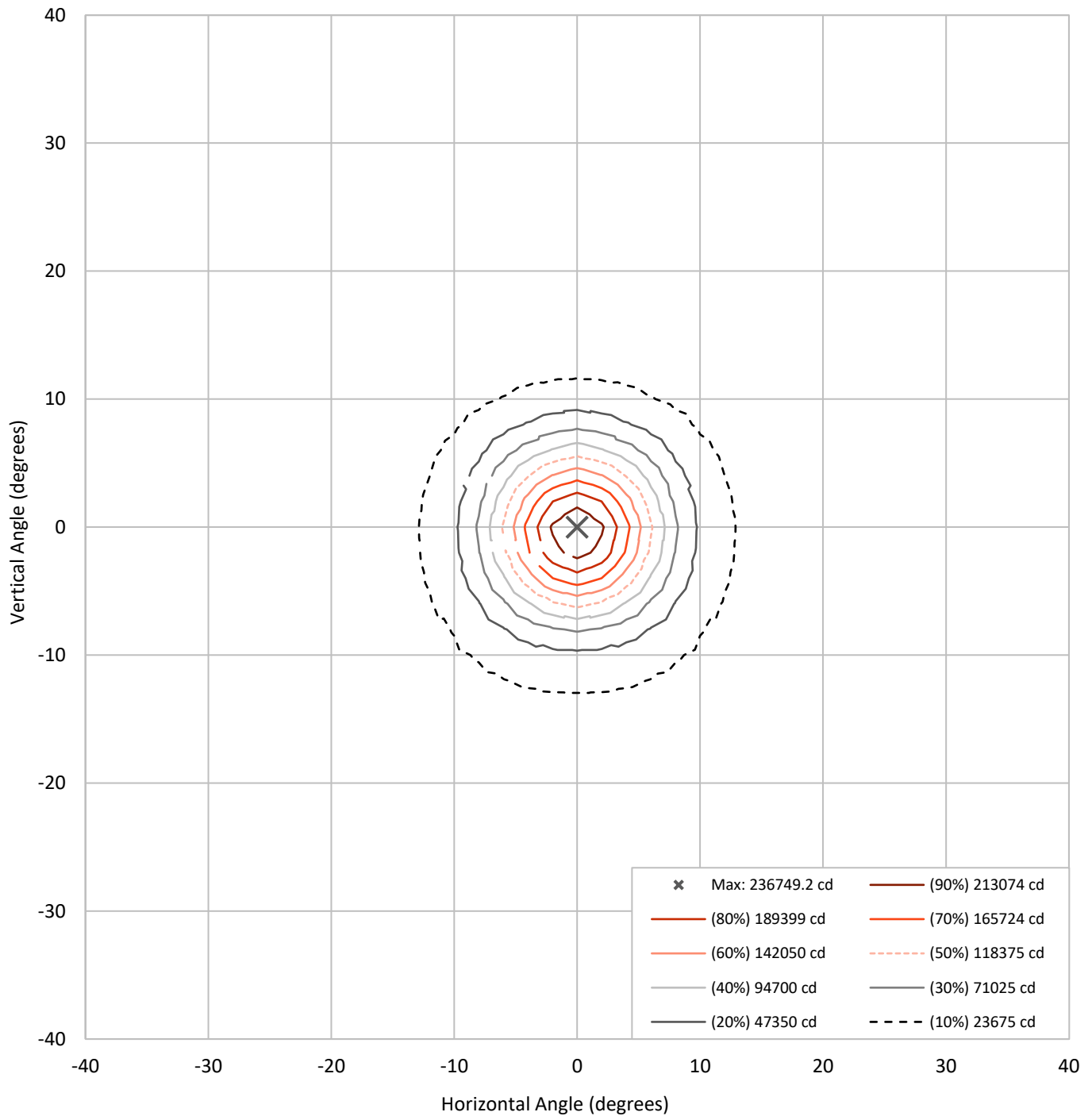
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	16537.1 lumens	Max Intensity:	236749.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	5173.5 lumens	Field Lumens:	11771.7 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





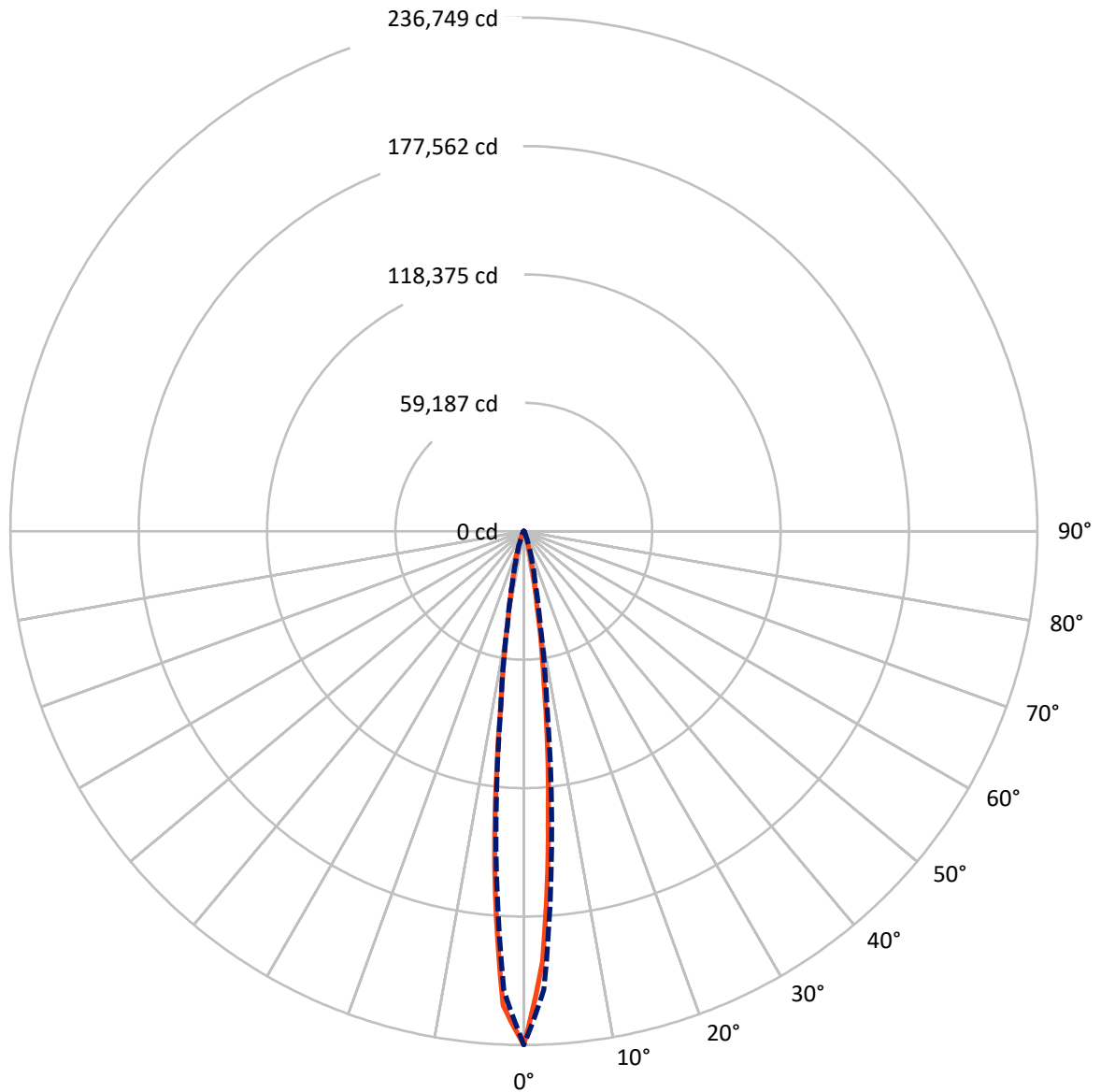
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Lumen Table

90	0.1	1.0	0.8	0.4	0.0	0.4	0.8	1.0	0.1										
80	0.1	1.0	0.8	0.4	0.0	0.4	0.8	1.0	0.1										
70	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.1			
60		0.1	0.2	0.5	0.9	1.3	1.6	1.8	1.8	1.6	1.3	0.9	0.5	0.2	0.1				
50	0.1	0.1	0.5	1.4	2.4	3.3	4.4	5.2	5.2	4.4	3.3	2.4	1.4	0.5	0.1	0.1			
40		0.3	1.1	2.5	4.2	6.6	10.1	12.0	12.0	10.1	6.6	4.2	2.5	1.1	0.3				
30	0.2	0.5	1.8	3.6	6.6	11.4	22.1	35.6	35.6	22.1	11.4	6.6	3.6	1.8	0.5	0.2			
20		0.7	2.4	5.0	10.1	24.9	130.3	329.6	329.6	130.3	24.9	10.1	5.0	2.4	0.7				
10	0.3	0.9	2.8	5.9	12.3	50.7	419.6	2585.8	2585.8	419.6	50.7	12.3	5.9	2.8	0.9	0.3			
0		1.1	3.1	6.2	12.8	57.7	461.7	2847.7	2847.7	461.7	57.7	12.8	6.2	3.1	1.1				
-10	0.3	1.1	3.2	6.1	12.0	34.6	207.2	499.4	499.4	207.2	34.6	12.0	6.1	3.2	1.1	0.3			
-20		1.1	3.2	5.8	10.2	17.6	42.8	80.5	80.5	42.8	17.6	10.2	5.8	3.2	1.1				
-30	0.3	1.0	2.9	5.4	8.5	12.5	17.7	20.8	20.8	17.7	12.5	8.5	5.4	2.9	1.0	0.3			
-40		0.9	2.5	4.8	7.4	9.7	12.3	13.7	13.7	12.3	9.7	7.4	4.8	2.5	0.9				
-50	0.3	0.7	2.0	4.1	6.4	8.5	10.4	11.4	11.4	10.4	8.5	6.4	4.1	2.0	0.7	0.3			
-60		0.6	1.5	3.0	4.9	6.8	8.5	9.5	9.5	8.5	6.8	4.9	3.0	1.5	0.6				
-70	0.2	0.6	1.5	3.0	4.9	6.8	8.5	9.5	9.5	8.5	6.8	4.9	3.0	1.5	0.6	0.2			
-80		0.2	2.2	6.2	11.4	13.8	11.4	6.2	2.2	0.2									
-90	0.2	2.2	6.2	11.4	13.8	11.4	6.2	2.2	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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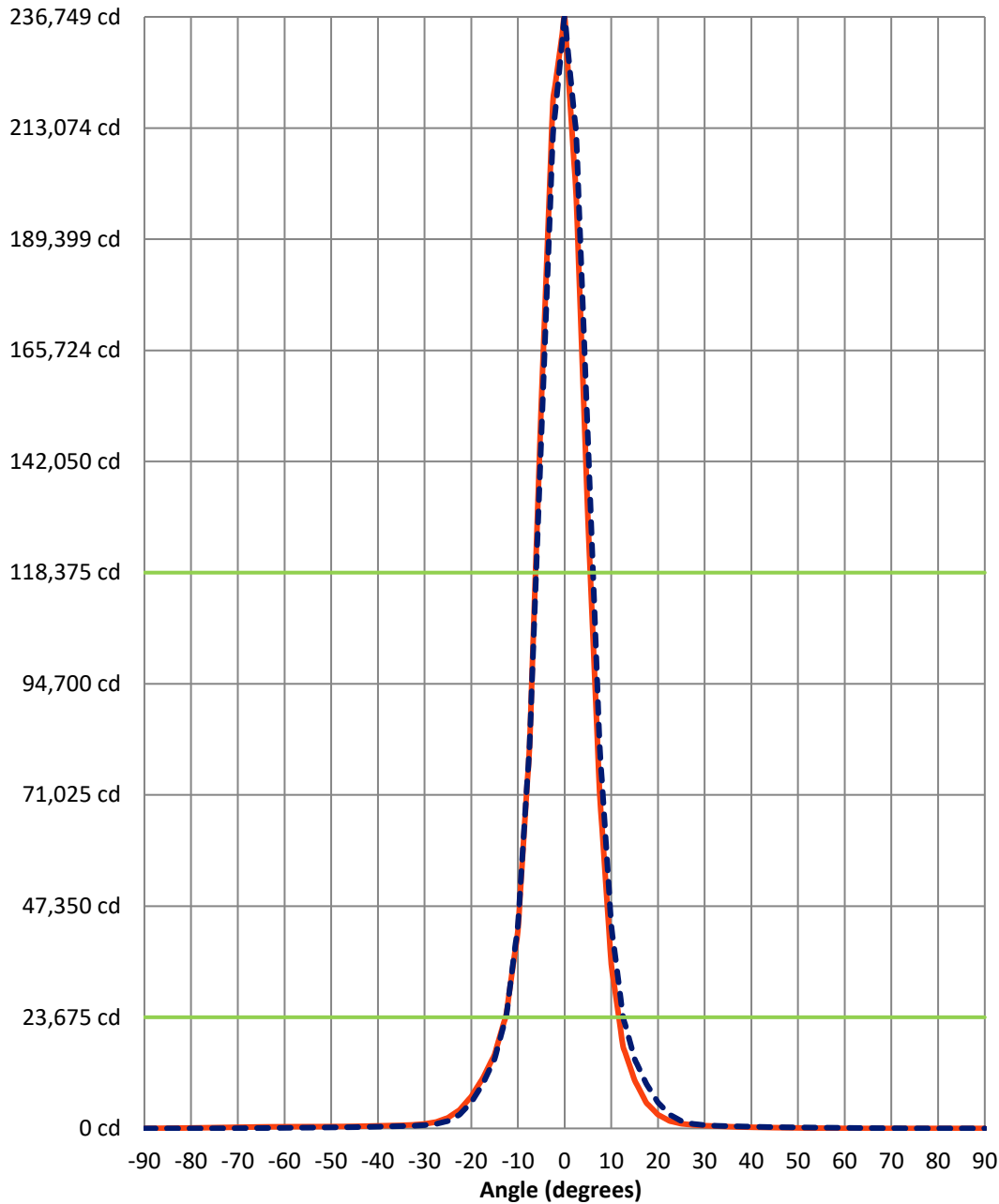
Luminous Intensity Polar Plot



— 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: 5173.5
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 11771.7
 Efficiency: 71.2%

Spill:
 Lumens: 4765.4
 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	3.0	3.0
85°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	5.9	5.9
82.5°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	5.9	5.9	5.9
80°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	5.9	5.9	5.9
77.5°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	5.9
75°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
72.5°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
70°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
67.5°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
65°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
62.5°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
60°	5.9	5.9	5.9	5.9	8.9	8.9	11.9	11.9	11.9	5.9	11.9
57.5°	47.4	47.4	44.4	41.5	38.5	35.6	35.6	35.6	35.6	35.6	29.6
55°	65.2	65.2	65.2	62.2	62.2	59.3	56.3	53.3	53.3	50.4	47.4
52.5°	77.0	77.0	77.0	77.0	74.1	74.1	74.1	71.1	65.2	65.2	62.2
50°	109.6	106.7	106.7	106.7	106.7	100.7	97.8	91.8	88.9	85.9	83.0
47.5°	142.2	142.2	139.2	139.2	136.3	130.4	124.4	118.5	112.6	109.6	103.7
45°	168.9	168.9	165.9	165.9	162.9	157.0	148.1	139.2	133.3	127.4	121.5
42.5°	207.4	204.4	201.5	198.5	192.6	183.7	171.8	160.0	151.1	142.2	136.3
40°	248.9	248.9	245.9	242.9	234.1	225.2	210.3	195.5	180.7	162.9	154.1
37.5°	299.2	302.2	305.2	305.2	299.2	287.4	266.6	248.9	225.2	201.5	189.6
35°	391.1	391.1	397.0	397.0	388.1	373.3	358.5	320.0	290.3	260.7	234.1
32.5°	491.8	494.8	482.9	474.0	462.2	444.4	417.7	385.1	352.6	314.0	284.4
30°	589.6	589.6	574.8	557.0	533.3	503.7	471.1	435.5	397.0	358.5	322.9
27.5°	743.6	728.8	717.0	687.3	645.9	589.6	548.1	491.8	441.4	397.0	358.5
25°	998.4	995.5	968.8	918.4	835.5	746.6	678.4	583.6	506.6	438.5	394.0
22.5°	1588.0	1567.2	1505.0	1380.6	1185.1	1031.0	891.8	743.6	604.4	512.5	441.4
20°	2936.0	2867.9	2701.9	2358.3	1919.8	1617.6	1271.0	1022.1	788.1	616.2	509.6
17.5°	5478.0	5433.5	5371.3	4577.3	3685.5	3045.6	2266.4	1567.2	1119.9	805.8	604.4
15°	10268.6	9939.7	9252.4	8301.4	7054.1	5451.3	4008.5	2530.1	1599.8	1072.5	767.3
12.5°	17553.8	17189.4	15414.7	13035.7	10793.0	8511.7	5975.7	3845.5	2278.3	1362.8	909.5
10°	34977.2	32331.5	27363.1	20421.6	15939.1	11886.2	8390.3	5246.9	2965.6	1721.3	1078.4
7.5°	71640.1	62995.1	48543.2	34269.1	22181.4	15589.5	10715.9	6861.5	3952.2	2153.9	1232.5
5°	129844.5	114506.8	86266.7	51944.3	32210.0	19538.7	12715.7	8159.2	4678.0	2506.4	1386.5
2.5°	198264.2	178423.3	124719.1	71426.8	39717.4	22596.2	14114.1	9012.4	5140.2	2746.4	1505.0
0°	236749.2	211477.7	146876.9	81775.4	43293.4	23893.9	14798.5	9525.0	5531.3	2941.9	1582.1
-2.5°	218697.7	198353.1	134981.8	75962.6	41370.6	23325.0	14896.3	9652.3	5596.5	2995.2	1617.6
-5°	154138.3	137440.8	93397.9	56056.5	35101.6	21485.2	14054.9	9172.4	5415.7	2918.2	1602.8
-7.5°	81547.2	73992.4	55389.9	40280.3	25621.1	18184.8	12653.5	8322.1	4947.6	2710.8	1513.9
-10°	42132.0	40582.5	34971.2	26361.8	20732.7	15234.0	10798.9	7116.3	4135.9	2334.6	1362.8
-12.5°	24290.9	24027.2	22222.9	19076.6	15897.6	12514.3	8861.3	5803.9	3451.5	1934.6	1149.5
-15°	15728.8	15841.3	15213.3	13903.8	12093.6	9365.0	6808.2	4316.6	2553.8	1567.2	1013.2
-17.5°	10733.7	10704.1	10410.8	9513.1	8055.5	6325.3	4512.1	3048.6	1934.6	1220.6	841.4
-20°	6790.4	6802.3	6529.7	5910.5	4838.0	3898.9	2808.6	2056.1	1371.7	959.9	743.6



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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°	3940.3	3949.2	3777.4	3427.8	2864.9	2310.9	1825.0	1359.9	1010.3	799.9	651.8
-25°	2263.5	2227.9	2159.8	1990.9	1727.2	1425.0	1211.7	956.9	808.8	678.4	595.5
-27.5°	1371.7	1348.0	1312.5	1238.4	1134.7	983.6	885.8	773.3	687.3	610.3	559.9
-30°	956.9	965.8	936.2	897.7	850.3	782.1	728.8	675.5	619.2	571.8	524.4
-32.5°	761.4	767.3	752.5	737.7	714.0	687.3	654.7	616.2	571.8	527.4	482.9
-35°	654.7	657.7	657.7	654.7	648.8	628.1	604.4	568.8	527.4	485.9	447.4
-37.5°	601.4	604.4	604.4	601.4	592.5	574.8	551.1	521.4	482.9	444.4	414.8
-40°	545.1	548.1	545.1	539.2	530.3	512.5	494.8	471.1	441.4	408.8	382.2
-42.5°	491.8	488.8	485.9	480.0	471.1	459.2	444.4	426.6	405.9	382.2	361.4
-45°	441.4	441.4	438.5	435.5	429.6	420.7	411.8	397.0	382.2	364.4	346.6
-47.5°	414.8	414.8	411.8	408.8	405.9	400.0	391.1	379.2	367.4	352.6	337.7
-50°	397.0	397.0	397.0	394.0	391.1	385.1	376.3	367.4	355.5	340.7	325.9
-52.5°	385.1	385.1	385.1	382.2	379.2	376.3	367.4	355.5	340.7	328.9	317.0
-55°	379.2	376.3	376.3	373.3	370.3	367.4	355.5	343.7	331.8	320.0	308.1
-57.5°	370.3	367.4	367.4	364.4	361.4	358.5	346.6	334.8	322.9	308.1	299.2
-60°	361.4	358.5	358.5	352.6	349.6	346.6	334.8	322.9	311.1	299.2	287.4
-62.5°	349.6	346.6	343.7	340.7	334.8	328.9	320.0	308.1	293.3	281.5	269.6
-65°	322.9	320.0	317.0	314.0	311.1	308.1	299.2	284.4	272.6	260.7	248.9
-67.5°	290.3	290.3	290.3	284.4	281.5	275.5	269.6	257.8	245.9	234.1	225.2
-70°	251.8	251.8	251.8	245.9	242.9	240.0	231.1	222.2	213.3	204.4	192.6
-72.5°	213.3	210.3	210.3	207.4	201.5	198.5	192.6	186.6	177.8	171.8	162.9
-75°	174.8	171.8	171.8	168.9	165.9	162.9	157.0	154.1	148.1	142.2	133.3
-77.5°	139.2	139.2	139.2	136.3	133.3	130.4	127.4	124.4	121.5	115.5	109.6
-80°	106.7	106.7	106.7	106.7	106.7	106.7	106.7	103.7	97.8	94.8	91.8
-82.5°	77.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	77.0	74.1	71.1
-85°	50.4	53.3	53.3	56.3	59.3	59.3	62.2	59.3	56.3	50.4	47.4
-87.5°	26.7	26.7	26.7	26.7	26.7	26.7	26.7	23.7	23.7	23.7	20.7
-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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	5.9	5.9	5.9
85°	5.9	5.9	5.9	5.9	8.9	8.9	8.9	11.9	11.9	11.9	11.9
82.5°	5.9	8.9	8.9	8.9	11.9	11.9	14.8	17.8	23.7	26.7	26.7
80°	5.9	8.9	8.9	8.9	11.9	11.9	14.8	14.8	17.8	20.7	26.7
77.5°	5.9	5.9	8.9	8.9	8.9	11.9	11.9	14.8	14.8	17.8	20.7
75°	3.0	5.9	5.9	5.9	8.9	8.9	11.9	11.9	14.8	14.8	17.8
72.5°	3.0	5.9	5.9	5.9	8.9	8.9	11.9	11.9	11.9	14.8	14.8
70°	3.0	5.9	5.9	5.9	5.9	8.9	8.9	8.9	11.9	11.9	11.9
67.5°	3.0	3.0	3.0	5.9	5.9	5.9	5.9	8.9	8.9	8.9	11.9
65°	3.0	3.0	3.0	3.0	5.9	5.9	5.9	5.9	8.9	8.9	8.9
62.5°	3.0	3.0	3.0	5.9	5.9	5.9	5.9	5.9	8.9	8.9	8.9
60°	11.9	11.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
57.5°	26.7	26.7	23.7	20.7	17.8	17.8	14.8	11.9	11.9	8.9	8.9
55°	44.4	41.5	38.5	32.6	29.6	26.7	23.7	17.8	14.8	11.9	8.9
52.5°	56.3	53.3	50.4	47.4	41.5	35.6	32.6	29.6	23.7	17.8	14.8
50°	83.0	74.1	68.1	62.2	56.3	50.4	44.4	41.5	32.6	26.7	20.7
47.5°	100.7	94.8	85.9	80.0	74.1	65.2	56.3	50.4	44.4	35.6	26.7
45°	115.5	109.6	100.7	94.8	88.9	80.0	71.1	62.2	56.3	47.4	35.6
42.5°	130.4	124.4	115.5	109.6	100.7	91.8	83.0	74.1	65.2	59.3	47.4
40°	151.1	142.2	130.4	124.4	118.5	106.7	94.8	85.9	77.0	68.1	56.3
37.5°	177.8	168.9	154.1	142.2	133.3	124.4	112.6	100.7	91.8	80.0	68.1
35°	219.2	204.4	183.7	165.9	154.1	142.2	127.4	115.5	103.7	91.8	80.0
32.5°	260.7	237.0	210.3	189.6	171.8	157.0	142.2	130.4	115.5	100.7	88.9
30°	293.3	266.6	240.0	210.3	189.6	171.8	157.0	142.2	127.4	112.6	97.8
27.5°	325.9	296.3	266.6	237.0	207.4	183.7	168.9	154.1	139.2	124.4	106.7
25°	358.5	325.9	296.3	263.7	228.1	201.5	180.7	168.9	154.1	136.3	115.5
22.5°	388.1	358.5	328.9	293.3	251.8	216.3	195.5	180.7	165.9	145.2	127.4
20°	444.4	405.9	370.3	325.9	278.5	242.9	216.3	195.5	177.8	157.0	136.3
17.5°	518.5	462.2	414.8	364.4	317.0	272.6	234.1	210.3	192.6	168.9	145.2
15°	613.3	515.5	456.2	405.9	349.6	299.2	257.8	225.2	201.5	177.8	157.0
12.5°	684.4	557.0	491.8	444.4	385.1	328.9	275.5	237.0	210.3	186.6	162.9
10°	764.4	601.4	521.4	468.1	405.9	343.7	287.4	245.9	216.3	195.5	171.8
7.5°	829.5	637.0	536.2	477.0	417.7	355.5	299.2	254.8	225.2	201.5	177.8
5°	888.8	666.6	548.1	480.0	423.7	364.4	305.2	260.7	231.1	207.4	183.7
2.5°	930.3	693.3	559.9	485.9	429.6	370.3	314.0	266.6	237.0	213.3	189.6
0°	965.8	702.2	557.0	485.9	432.5	370.3	317.0	269.6	240.0	216.3	192.6
-2.5°	977.7	717.0	571.8	491.8	438.5	376.3	322.9	272.6	242.9	219.2	198.5
-5°	977.7	705.1	571.8	497.7	441.4	379.2	322.9	275.5	245.9	222.2	198.5
-7.5°	942.1	687.3	568.8	503.7	444.4	382.2	322.9	278.5	248.9	225.2	201.5
-10°	879.9	660.7	565.9	506.6	444.4	379.2	322.9	278.5	248.9	225.2	204.4
-12.5°	779.2	625.1	551.1	500.7	438.5	373.3	320.0	278.5	248.9	228.1	204.4
-15°	728.8	595.5	533.3	482.9	423.7	364.4	314.0	275.5	248.9	228.1	207.4
-17.5°	660.7	571.8	515.5	465.1	411.8	355.5	308.1	275.5	248.9	225.2	207.4
-20°	613.3	545.1	494.8	450.3	397.0	346.6	305.2	272.6	248.9	225.2	207.4



REPORT NUMBER: P724046
 CATALOG NUMBER: IFLD-S-SA3C-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°	571.8	515.5	471.1	426.6	379.2	334.8	299.2	269.6	245.9	225.2	207.4
-25°	539.2	488.8	447.4	405.9	364.4	325.9	293.3	266.6	242.9	225.2	204.4
-27.5°	509.6	462.2	423.7	385.1	346.6	317.0	287.4	263.7	242.9	222.2	201.5
-30°	477.0	438.5	400.0	364.4	337.7	308.1	281.5	257.8	240.0	219.2	198.5
-32.5°	444.4	408.8	376.3	349.6	325.9	302.2	278.5	254.8	234.1	213.3	192.6
-35°	414.8	382.2	358.5	334.8	317.0	296.3	272.6	248.9	231.1	210.3	192.6
-37.5°	385.1	361.4	340.7	322.9	305.2	287.4	263.7	242.9	225.2	204.4	183.7
-40°	361.4	343.7	328.9	314.0	296.3	275.5	257.8	237.0	219.2	198.5	174.8
-42.5°	346.6	331.8	317.0	302.2	287.4	269.6	251.8	231.1	213.3	192.6	168.9
-45°	331.8	320.0	308.1	296.3	281.5	263.7	242.9	222.2	204.4	183.7	165.9
-47.5°	322.9	311.1	299.2	290.3	278.5	254.8	237.0	216.3	195.5	177.8	157.0
-50°	314.0	302.2	293.3	281.5	266.6	245.9	228.1	207.4	189.6	168.9	151.1
-52.5°	305.2	293.3	281.5	269.6	254.8	237.0	219.2	201.5	180.7	160.0	142.2
-55°	296.3	284.4	272.6	260.7	245.9	231.1	213.3	189.6	168.9	148.1	130.4
-57.5°	287.4	278.5	263.7	248.9	234.1	219.2	198.5	177.8	157.0	136.3	121.5
-60°	275.5	263.7	251.8	234.1	219.2	201.5	183.7	165.9	145.2	127.4	112.6
-62.5°	257.8	245.9	234.1	216.3	201.5	186.6	171.8	151.1	136.3	118.5	103.7
-65°	237.0	225.2	213.3	198.5	183.7	168.9	157.0	139.2	124.4	109.6	97.8
-67.5°	213.3	201.5	192.6	177.8	165.9	151.1	139.2	124.4	109.6	97.8	85.9
-70°	183.7	174.8	165.9	154.1	142.2	130.4	118.5	106.7	94.8	85.9	74.1
-72.5°	157.0	148.1	139.2	130.4	121.5	109.6	100.7	91.8	83.0	74.1	68.1
-75°	127.4	121.5	115.5	109.6	100.7	91.8	85.9	77.0	71.1	65.2	62.2
-77.5°	106.7	100.7	94.8	88.9	83.0	77.0	71.1	65.2	62.2	59.3	56.3
-80°	85.9	83.0	80.0	74.1	71.1	65.2	62.2	56.3	56.3	56.3	56.3
-82.5°	68.1	65.2	62.2	59.3	56.3	53.3	53.3	50.4	53.3	53.3	50.4
-85°	47.4	44.4	41.5	41.5	38.5	38.5	35.6	35.6	35.6	32.6	32.6
-87.5°	20.7	20.7	20.7	20.7	17.8	17.8	17.8	17.8	17.8	14.8	14.8
-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: P724046
 CATALOG NUMBER: IFLD-S-SA3C-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°	5.9	5.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0
85°	11.9	11.9	8.9	8.9	8.9	5.9	5.9	3.0	3.0	3.0	3.0
82.5°	26.7	23.7	20.7	17.8	14.8	11.9	8.9	5.9	5.9	3.0	3.0
80°	32.6	32.6	32.6	29.6	23.7	17.8	11.9	8.9	5.9	3.0	3.0
77.5°	23.7	23.7	26.7	29.6	29.6	23.7	14.8	8.9	5.9	5.9	3.0
75°	17.8	17.8	17.8	20.7	23.7	23.7	17.8	11.9	5.9	5.9	3.0
72.5°	17.8	17.8	17.8	17.8	17.8	17.8	17.8	11.9	8.9	5.9	5.9
70°	14.8	14.8	14.8	14.8	14.8	14.8	14.8	11.9	8.9	5.9	5.9
67.5°	11.9	11.9	14.8	14.8	14.8	11.9	11.9	11.9	8.9	5.9	5.9
65°	8.9	11.9	11.9	14.8	11.9	11.9	11.9	8.9	8.9	5.9	5.9
62.5°	8.9	8.9	11.9	11.9	11.9	11.9	8.9	8.9	8.9	5.9	5.9
60°	8.9	8.9	8.9	11.9	8.9	8.9	8.9	8.9	8.9	5.9	5.9
57.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	5.9	5.9	5.9	5.9
55°	8.9	8.9	8.9	8.9	8.9	8.9	5.9	5.9	5.9	5.9	5.9
52.5°	11.9	8.9	8.9	8.9	8.9	8.9	5.9	5.9	5.9	5.9	5.9
50°	14.8	8.9	8.9	8.9	8.9	5.9	5.9	5.9	5.9	5.9	5.9
47.5°	20.7	14.8	11.9	8.9	8.9	5.9	5.9	5.9	5.9	5.9	3.0
45°	29.6	20.7	14.8	11.9	8.9	5.9	5.9	5.9	5.9	5.9	3.0
42.5°	35.6	26.7	17.8	14.8	11.9	8.9	5.9	5.9	5.9	3.0	3.0
40°	44.4	35.6	23.7	17.8	11.9	8.9	5.9	5.9	5.9	3.0	3.0
37.5°	56.3	44.4	29.6	20.7	14.8	8.9	8.9	5.9	5.9	3.0	3.0
35°	65.2	50.4	38.5	23.7	17.8	11.9	8.9	5.9	5.9	3.0	3.0
32.5°	74.1	59.3	47.4	29.6	20.7	14.8	11.9	5.9	5.9	3.0	3.0
30°	83.0	68.1	53.3	38.5	26.7	17.8	11.9	5.9	5.9	3.0	3.0
27.5°	91.8	74.1	59.3	44.4	29.6	20.7	14.8	8.9	5.9	3.0	3.0
25°	100.7	83.0	65.2	50.4	32.6	23.7	14.8	8.9	5.9	5.9	3.0
22.5°	106.7	91.8	74.1	56.3	38.5	26.7	17.8	11.9	5.9	5.9	3.0
20°	115.5	100.7	80.0	62.2	44.4	29.6	17.8	11.9	5.9	5.9	3.0
17.5°	124.4	106.7	85.9	68.1	50.4	32.6	20.7	14.8	5.9	5.9	3.0
15°	133.3	112.6	91.8	71.1	53.3	35.6	20.7	14.8	5.9	5.9	3.0
12.5°	142.2	121.5	97.8	77.0	56.3	38.5	23.7	17.8	8.9	5.9	3.0
10°	148.1	127.4	103.7	80.0	59.3	44.4	26.7	17.8	8.9	5.9	3.0
7.5°	157.0	133.3	109.6	85.9	62.2	47.4	29.6	17.8	8.9	5.9	3.0
5°	160.0	139.2	112.6	91.8	65.2	50.4	32.6	20.7	8.9	5.9	3.0
2.5°	162.9	145.2	115.5	94.8	68.1	50.4	32.6	20.7	11.9	5.9	3.0
0°	165.9	148.1	118.5	97.8	71.1	53.3	35.6	20.7	11.9	5.9	3.0
-2.5°	168.9	151.1	124.4	100.7	74.1	56.3	38.5	20.7	11.9	5.9	3.0
-5°	171.8	151.1	130.4	103.7	77.0	56.3	38.5	23.7	14.8	5.9	3.0
-7.5°	174.8	154.1	133.3	106.7	80.0	56.3	41.5	23.7	14.8	8.9	3.0
-10°	177.8	157.0	136.3	109.6	80.0	59.3	41.5	23.7	14.8	8.9	3.0
-12.5°	180.7	160.0	136.3	109.6	83.0	59.3	41.5	26.7	14.8	8.9	3.0
-15°	183.7	160.0	136.3	109.6	83.0	62.2	44.4	26.7	14.8	8.9	5.9
-17.5°	183.7	160.0	136.3	112.6	83.0	62.2	44.4	26.7	14.8	8.9	5.9
-20°	183.7	160.0	136.3	112.6	83.0	62.2	44.4	26.7	14.8	8.9	5.9



REPORT NUMBER: P724046
 CATALOG NUMBER: IFLD-S-SA3C-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°	180.7	157.0	136.3	109.6	83.0	62.2	44.4	26.7	17.8	8.9	5.9
-25°	180.7	157.0	136.3	109.6	83.0	62.2	41.5	26.7	17.8	8.9	5.9
-27.5°	177.8	157.0	133.3	106.7	80.0	59.3	41.5	26.7	17.8	8.9	5.9
-30°	174.8	154.1	130.4	103.7	80.0	59.3	41.5	26.7	17.8	8.9	5.9
-32.5°	171.8	148.1	127.4	100.7	77.0	56.3	41.5	26.7	17.8	8.9	5.9
-35°	165.9	145.2	121.5	97.8	74.1	56.3	38.5	26.7	17.8	11.9	5.9
-37.5°	160.0	139.2	118.5	94.8	71.1	53.3	38.5	26.7	17.8	11.9	5.9
-40°	154.1	136.3	112.6	88.9	68.1	50.4	38.5	26.7	17.8	11.9	8.9
-42.5°	148.1	130.4	109.6	85.9	68.1	50.4	35.6	26.7	17.8	11.9	8.9
-45°	145.2	127.4	103.7	83.0	65.2	50.4	35.6	23.7	17.8	11.9	8.9
-47.5°	139.2	118.5	97.8	80.0	62.2	47.4	32.6	23.7	17.8	11.9	8.9
-50°	130.4	112.6	94.8	77.0	59.3	44.4	32.6	23.7	17.8	11.9	8.9
-52.5°	121.5	103.7	88.9	71.1	56.3	44.4	32.6	23.7	17.8	11.9	8.9
-55°	112.6	97.8	83.0	68.1	53.3	41.5	29.6	23.7	17.8	11.9	8.9
-57.5°	106.7	91.8	77.0	62.2	50.4	38.5	29.6	20.7	14.8	11.9	8.9
-60°	100.7	85.9	71.1	59.3	47.4	38.5	29.6	20.7	14.8	11.9	5.9
-62.5°	91.8	80.0	65.2	56.3	44.4	35.6	26.7	20.7	14.8	11.9	5.9
-65°	83.0	71.1	59.3	50.4	41.5	32.6	26.7	20.7	14.8	11.9	5.9
-67.5°	74.1	65.2	56.3	47.4	38.5	32.6	26.7	20.7	14.8	8.9	5.9
-70°	68.1	59.3	50.4	44.4	38.5	29.6	26.7	20.7	14.8	8.9	5.9
-72.5°	59.3	53.3	47.4	41.5	35.6	32.6	26.7	20.7	11.9	8.9	5.9
-75°	56.3	50.4	44.4	41.5	38.5	32.6	26.7	17.8	11.9	8.9	5.9
-77.5°	56.3	50.4	47.4	44.4	38.5	32.6	23.7	14.8	8.9	8.9	5.9
-80°	56.3	53.3	50.4	41.5	35.6	26.7	17.8	14.8	8.9	5.9	3.0
-82.5°	50.4	41.5	35.6	29.6	26.7	20.7	14.8	11.9	5.9	5.9	3.0
-85°	32.6	26.7	23.7	20.7	17.8	14.8	8.9	5.9	5.9	3.0	3.0
-87.5°	14.8	14.8	11.9	8.9	8.9	5.9	5.9	3.0	3.0	3.0	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: P724046
 CATALOG NUMBER: IFLD-S-SA3C-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°	3.0	0.0	0.0	0.0
77.5°	3.0	0.0	0.0	0.0
75°	3.0	3.0	0.0	0.0
72.5°	3.0	3.0	0.0	0.0
70°	3.0	3.0	0.0	0.0
67.5°	3.0	3.0	0.0	0.0
65°	3.0	3.0	0.0	0.0
62.5°	3.0	3.0	0.0	0.0
60°	3.0	3.0	0.0	0.0
57.5°	3.0	3.0	3.0	0.0
55°	3.0	3.0	3.0	0.0
52.5°	3.0	3.0	3.0	0.0
50°	3.0	3.0	3.0	0.0
47.5°	3.0	3.0	3.0	0.0
45°	3.0	3.0	3.0	0.0
42.5°	3.0	3.0	3.0	0.0
40°	3.0	3.0	3.0	0.0
37.5°	3.0	3.0	3.0	0.0
35°	3.0	3.0	3.0	0.0
32.5°	3.0	3.0	3.0	0.0
30°	3.0	3.0	3.0	0.0
27.5°	3.0	3.0	3.0	0.0
25°	3.0	3.0	3.0	0.0
22.5°	3.0	3.0	3.0	0.0
20°	3.0	3.0	3.0	0.0
17.5°	3.0	3.0	3.0	0.0
15°	3.0	3.0	3.0	0.0
12.5°	3.0	3.0	3.0	0.0
10°	3.0	3.0	3.0	0.0
7.5°	3.0	3.0	3.0	0.0
5°	3.0	3.0	3.0	0.0
2.5°	3.0	3.0	3.0	0.0
0°	3.0	3.0	3.0	0.0
-2.5°	3.0	3.0	3.0	0.0
-5°	3.0	3.0	3.0	0.0
-7.5°	3.0	3.0	3.0	0.0
-10°	3.0	3.0	3.0	0.0
-12.5°	3.0	3.0	3.0	0.0
-15°	3.0	3.0	3.0	0.0
-17.5°	3.0	3.0	3.0	0.0
-20°	3.0	3.0	3.0	0.0



REPORT NUMBER: P724046
CATALOG NUMBER: IFLD-S-SA3C-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.0	3.0	3.0	0.0
-25°	3.0	3.0	3.0	0.0
-27.5°	3.0	3.0	3.0	0.0
-30°	3.0	3.0	3.0	0.0
-32.5°	3.0	3.0	3.0	0.0
-35°	3.0	3.0	3.0	0.0
-37.5°	3.0	3.0	3.0	0.0
-40°	3.0	3.0	3.0	0.0
-42.5°	3.0	3.0	3.0	0.0
-45°	3.0	3.0	3.0	0.0
-47.5°	3.0	3.0	3.0	0.0
-50°	3.0	3.0	3.0	0.0
-52.5°	3.0	3.0	3.0	0.0
-55°	3.0	3.0	3.0	0.0
-57.5°	3.0	3.0	3.0	0.0
-60°	3.0	3.0	0.0	0.0
-62.5°	3.0	3.0	0.0	0.0
-65°	3.0	3.0	0.0	0.0
-67.5°	3.0	3.0	0.0	0.0
-70°	3.0	3.0	0.0	0.0
-72.5°	3.0	3.0	0.0	0.0
-75°	3.0	3.0	0.0	0.0
-77.5°	3.0	0.0	0.0	0.0
-80°	3.0	0.0	0.0	0.0
-82.5°	3.0	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)