

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: P724017

Luminaire Tested: **IFLD-S-SA3C-722-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724017
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-722-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (48) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

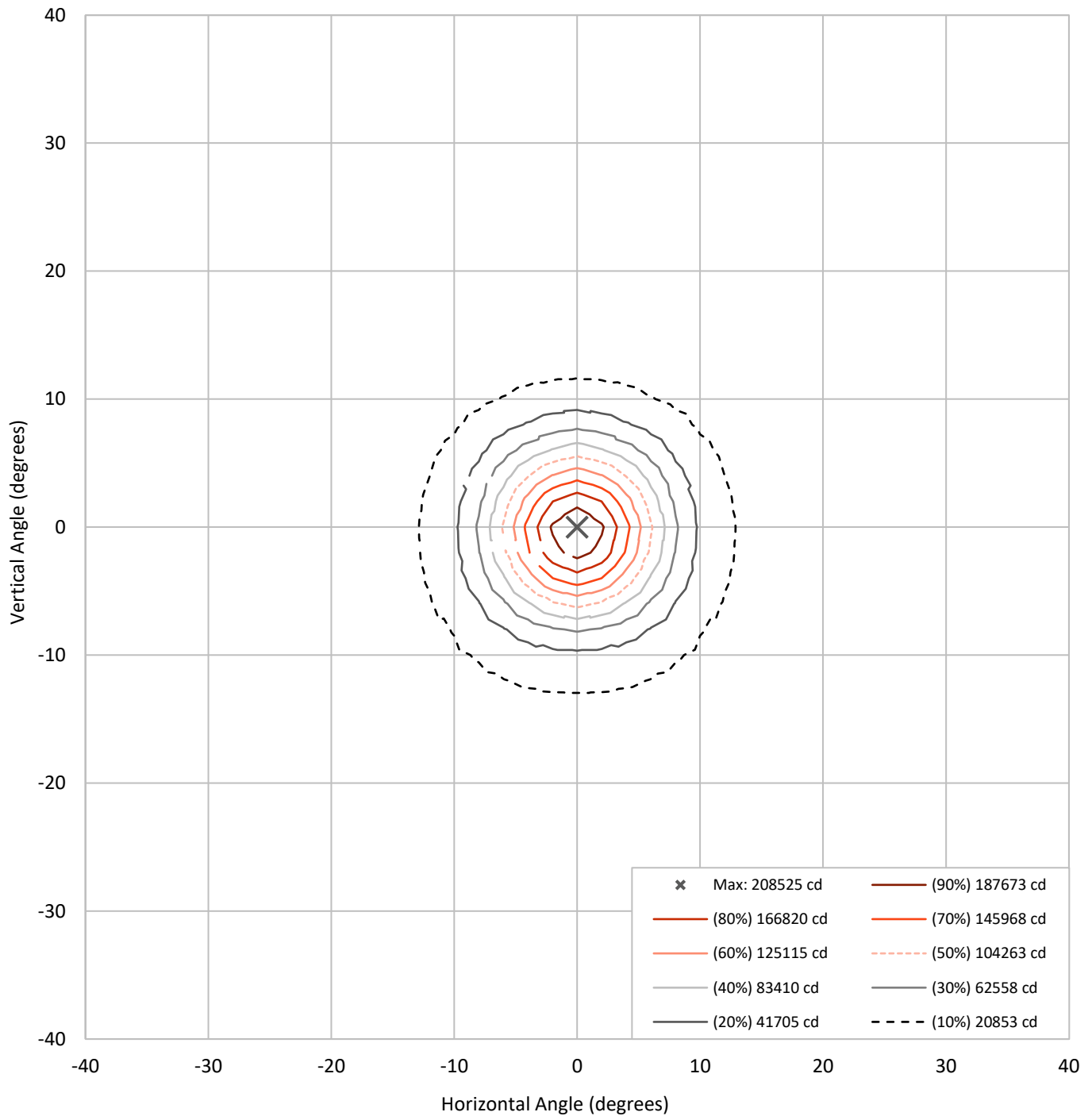
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	14565.5 lumens	Max Intensity:	208525 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4556.8 lumens	Field Lumens:	10368.3 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





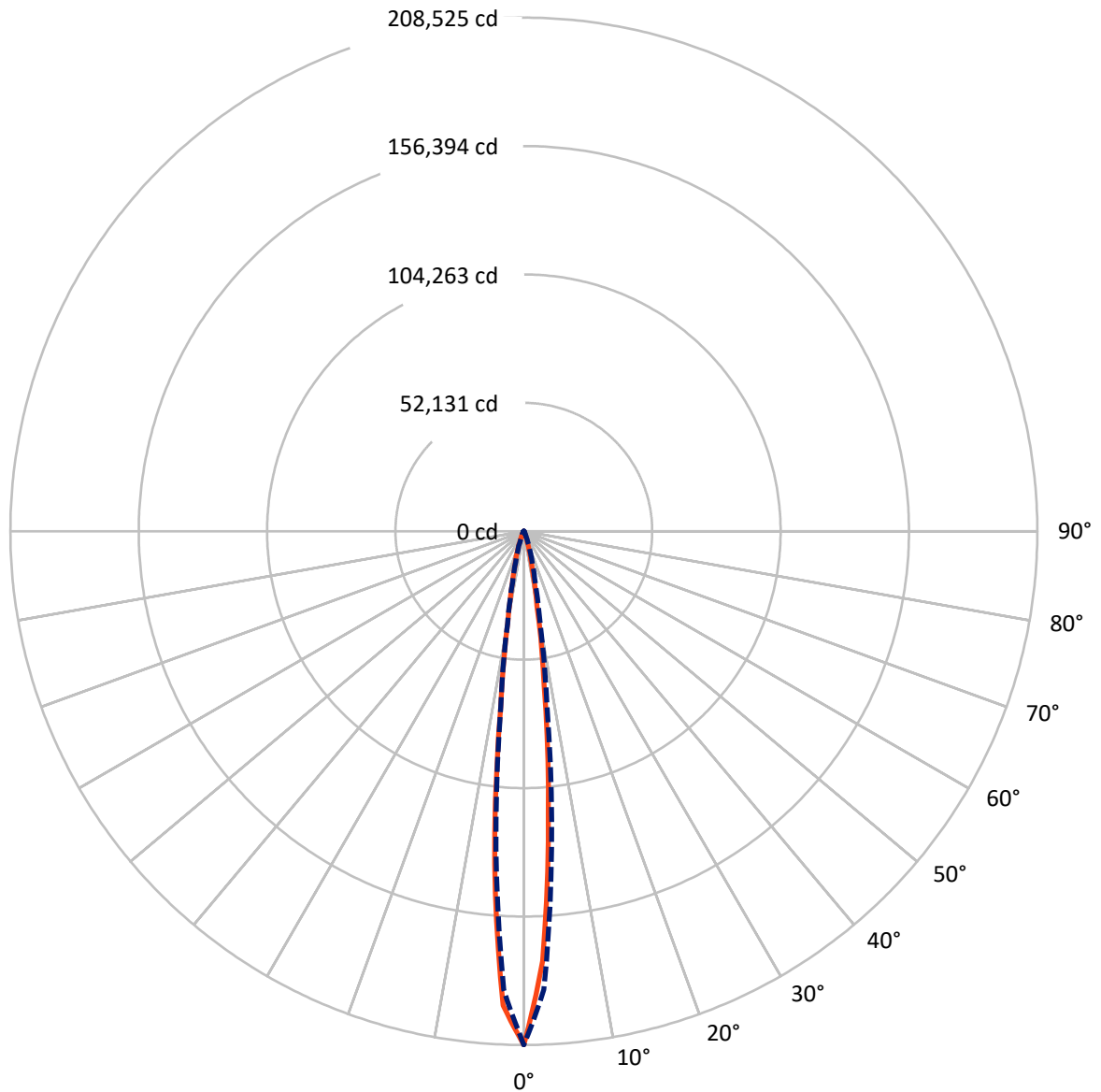
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Lumen Table

90	0.1	0.9	0.7	0.3	0.0	0.3	0.7	0.9	0.1										
80	0.1	0.9	0.7	0.3	0.0	0.3	0.7	0.9	0.1										
70	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.1			
60		0.1	0.2	0.4	0.8	1.1	1.4	1.6	1.6	1.4	1.1	0.8	0.4	0.2	0.1				
50	0.1	0.1	0.5	1.2	2.1	2.9	3.9	4.6	4.6	3.9	2.9	2.1	1.2	0.5	0.1	0.1			
40		0.2	1.0	2.2	3.7	5.9	8.9	10.6	10.6	8.9	5.9	3.7	2.2	1.0	0.2				
30	0.1	0.4	1.6	3.2	5.8	10.1	19.4	31.4	31.4	19.4	10.1	5.8	3.2	1.6	0.4	0.1			
20		0.6	2.1	4.4	8.9	22.0	114.8	290.3	290.3	114.8	22.0	8.9	4.4	2.1	0.6				
10	0.2	0.8	2.5	5.2	10.8	44.6	369.6	2277.5	2277.5	369.6	44.6	10.8	5.2	2.5	0.8	0.2			
0		0.9	2.7	5.5	11.3	50.9	406.7	2508.2	2508.2	406.7	50.9	11.3	5.5	2.7	0.9				
-10	0.3	1.0	2.8	5.4	10.6	30.5	182.5	439.9	439.9	182.5	30.5	10.6	5.4	2.8	1.0	0.3			
-20		1.0	2.8	5.1	9.0	15.5	37.7	70.9	70.9	37.7	15.5	9.0	5.1	2.8	1.0				
-30	0.3	0.9	2.6	4.8	7.4	11.0	15.6	18.3	18.3	15.6	11.0	7.4	4.8	2.6	0.9	0.3			
-40		0.8	2.2	4.3	6.5	8.6	10.8	12.0	12.0	10.8	8.6	6.5	4.3	2.2	0.8				
-50	0.3	0.6	1.8	3.6	5.7	7.5	9.2	10.0	10.0	9.2	7.5	5.7	3.6	1.8	0.6	0.3			
-60		0.5	1.3	2.6	4.3	6.0	7.5	8.3	8.3	7.5	6.0	4.3	2.6	1.3	0.5				
-70	0.3	0.6	1.8	3.6	5.7	7.5	9.2	10.0	10.0	9.2	7.5	5.7	3.6	1.8	0.6	0.3			
-80		0.5	1.3	2.6	4.3	6.0	7.5	8.3	8.3	7.5	6.0	4.3	2.6	1.3	0.5				
-90	0.1	2.0	5.5	10.1	12.1	10.1	5.5	2.0	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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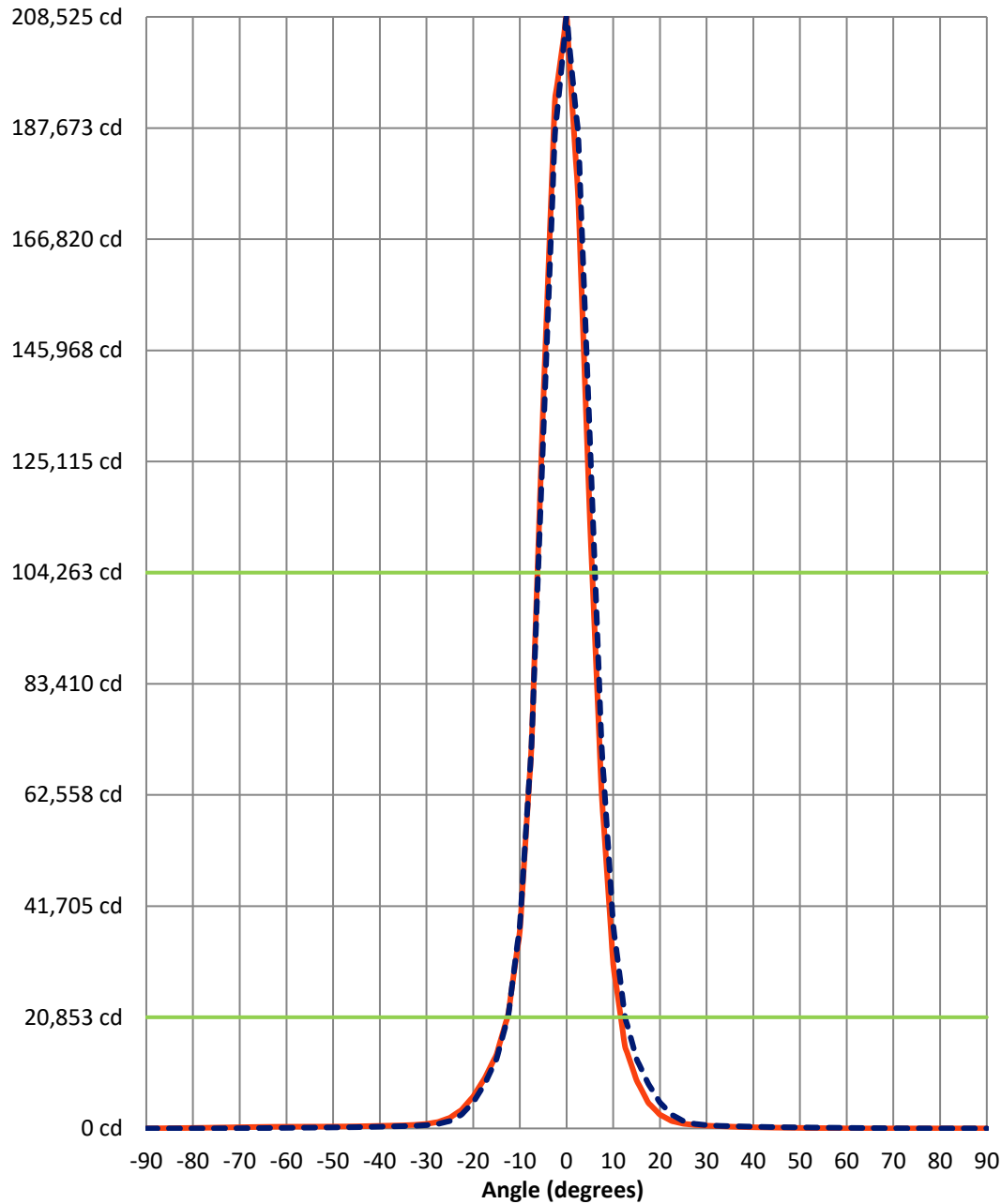
Luminous Intensity Polar Plot



— 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: 4556.8
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 10368.3
 Efficiency: 71.2%

Spill:
 Lumens: 4197.2
 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	2.6	2.6
85°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	5.2	5.2
82.5°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	5.2	5.2	5.2
80°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	5.2	5.2	5.2
77.5°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	5.2
75°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
72.5°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
70°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
67.5°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
65°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
62.5°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
60°	5.2	5.2	5.2	5.2	7.8	7.8	10.4	10.4	10.4	5.2	10.4
57.5°	41.8	41.8	39.1	36.5	33.9	31.3	31.3	31.3	31.3	31.3	26.1
55°	57.4	57.4	57.4	54.8	54.8	52.2	49.6	47.0	47.0	44.4	41.8
52.5°	67.8	67.8	67.8	67.8	65.2	65.2	65.2	62.6	57.4	57.4	54.8
50°	96.6	93.9	93.9	93.9	93.9	88.7	86.1	80.9	78.3	75.7	73.1
47.5°	125.3	125.3	122.6	122.6	120.0	114.8	109.6	104.4	99.2	96.6	91.3
45°	148.7	148.7	146.1	146.1	143.5	138.3	130.5	122.6	117.4	112.2	107.0
42.5°	182.7	180.1	177.4	174.8	169.6	161.8	151.3	140.9	133.1	125.3	120.0
40°	219.2	219.2	216.6	214.0	206.1	198.3	185.3	172.2	159.2	143.5	135.7
37.5°	263.6	266.2	268.8	268.8	263.6	253.1	234.9	219.2	198.3	177.4	167.0
35°	344.4	344.4	349.7	349.7	341.8	328.8	315.7	281.8	255.7	229.6	206.1
32.5°	433.2	435.8	425.3	417.5	407.1	391.4	367.9	339.2	310.5	276.6	250.5
30°	519.3	519.3	506.2	490.6	469.7	443.6	414.9	383.6	349.7	315.7	284.4
27.5°	655.0	641.9	631.5	605.4	568.9	519.3	482.8	433.2	388.8	349.7	315.7
25°	879.4	876.8	853.3	808.9	735.9	657.6	597.6	514.1	446.2	386.2	347.1
22.5°	1398.7	1380.4	1325.6	1216.0	1043.8	908.1	785.4	655.0	532.3	451.4	388.8
20°	2586.0	2526.0	2379.8	2077.1	1690.9	1424.8	1119.5	900.3	694.1	542.8	448.8
17.5°	4824.9	4785.8	4731.0	4031.6	3246.2	2682.5	1996.2	1380.4	986.4	709.8	532.3
15°	9044.4	8754.8	8149.4	7311.7	6213.1	4801.4	3530.6	2228.5	1409.1	944.6	675.9
12.5°	15461.1	15140.1	13577.0	11481.6	9506.3	7497.0	5263.3	3387.1	2006.7	1200.4	801.1
10°	30807.3	28477.1	24101.0	17987.0	14038.9	10469.2	7390.0	4621.4	2612.1	1516.1	949.8
7.5°	63099.5	55485.1	42756.1	30183.7	19537.1	13731.0	9438.4	6043.5	3481.0	1897.1	1085.5
5°	114365.0	100855.8	75982.4	45751.8	28370.1	17209.4	11199.8	7186.5	4120.3	2207.6	1221.2
2.5°	174628.0	157152.4	109850.7	62911.6	34982.5	19902.4	12431.5	7938.0	4527.4	2419.0	1325.6
0°	208525.0	186266.2	129366.8	72026.5	38132.1	21045.3	13034.3	8389.4	4871.9	2591.2	1393.5
-2.5°	192625.5	174706.3	118889.8	66906.7	36438.6	20544.3	13120.4	8501.6	4929.3	2638.2	1424.8
-5°	135762.6	121055.7	82263.4	49373.7	30916.9	18923.8	12379.3	8078.9	4770.1	2570.3	1411.7
-7.5°	71825.5	65171.4	48786.6	35478.3	22566.7	16016.9	11145.0	7330.0	4357.8	2387.7	1333.4
-10°	37109.2	35744.5	30802.1	23219.0	18261.0	13417.9	9511.5	6267.9	3642.8	2056.3	1200.4
-12.5°	21395.0	21162.8	19573.6	16802.3	14002.4	11022.4	7804.9	5111.9	3040.0	1704.0	1012.5
-15°	13853.7	13952.8	13399.6	12246.2	10651.8	8248.5	5996.6	3802.0	2249.4	1380.4	892.4
-17.5°	9454.1	9428.0	9169.7	8379.0	7095.1	5571.2	3974.2	2685.1	1704.0	1075.1	741.1
-20°	5980.9	5991.3	5751.3	5205.9	4261.3	3434.1	2473.8	1811.0	1208.2	845.5	655.0



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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°	3470.6	3478.4	3327.1	3019.2	2523.4	2035.4	1607.4	1197.7	889.8	704.6	574.1
-25°	1993.6	1962.3	1902.3	1753.6	1521.3	1255.2	1067.3	842.9	712.4	597.6	524.5
-27.5°	1208.2	1187.3	1156.0	1090.8	999.4	866.3	780.2	681.1	605.4	537.5	493.2
-30°	842.9	850.7	824.6	790.7	748.9	688.9	641.9	595.0	545.4	503.6	461.9
-32.5°	670.6	675.9	662.8	649.8	628.9	605.4	576.7	542.8	503.6	464.5	425.3
-35°	576.7	579.3	579.3	576.7	571.5	553.2	532.3	501.0	464.5	428.0	394.0
-37.5°	529.7	532.3	532.3	529.7	521.9	506.2	485.4	459.3	425.3	391.4	365.3
-40°	480.1	482.8	480.1	474.9	467.1	451.4	435.8	414.9	388.8	360.1	336.6
-42.5°	433.2	430.6	428.0	422.7	414.9	404.5	391.4	375.8	357.5	336.6	318.4
-45°	388.8	388.8	386.2	383.6	378.4	370.5	362.7	349.7	336.6	321.0	305.3
-47.5°	365.3	365.3	362.7	360.1	357.5	352.3	344.4	334.0	323.6	310.5	297.5
-50°	349.7	349.7	349.7	347.1	344.4	339.2	331.4	323.6	313.1	300.1	287.0
-52.5°	339.2	339.2	339.2	336.6	334.0	331.4	323.6	313.1	300.1	289.7	279.2
-55°	334.0	331.4	331.4	328.8	326.2	323.6	313.1	302.7	292.3	281.8	271.4
-57.5°	326.2	323.6	323.6	321.0	318.4	315.7	305.3	294.9	284.4	271.4	263.6
-60°	318.4	315.7	315.7	310.5	307.9	305.3	294.9	284.4	274.0	263.6	253.1
-62.5°	307.9	305.3	302.7	300.1	294.9	289.7	281.8	271.4	258.3	247.9	237.5
-65°	284.4	281.8	279.2	276.6	274.0	271.4	263.6	250.5	240.1	229.6	219.2
-67.5°	255.7	255.7	255.7	250.5	247.9	242.7	237.5	227.0	216.6	206.1	198.3
-70°	221.8	221.8	221.8	216.6	214.0	211.4	203.5	195.7	187.9	180.1	169.6
-72.5°	187.9	185.3	185.3	182.7	177.4	174.8	169.6	164.4	156.6	151.3	143.5
-75°	154.0	151.3	151.3	148.7	146.1	143.5	138.3	135.7	130.5	125.3	117.4
-77.5°	122.6	122.6	122.6	120.0	117.4	114.8	112.2	109.6	107.0	101.8	96.6
-80°	93.9	93.9	93.9	93.9	93.9	93.9	93.9	91.3	86.1	83.5	80.9
-82.5°	67.8	70.5	70.5	70.5	70.5	70.5	70.5	70.5	67.8	65.2	62.6
-85°	44.4	47.0	47.0	49.6	52.2	52.2	54.8	52.2	49.6	44.4	41.8
-87.5°	23.5	23.5	23.5	23.5	23.5	23.5	23.5	20.9	20.9	20.9	18.3
-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°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	5.2	5.2	5.2
85°	5.2	5.2	5.2	5.2	7.8	7.8	7.8	10.4	10.4	10.4	10.4
82.5°	5.2	7.8	7.8	7.8	10.4	10.4	13.0	15.7	20.9	23.5	23.5
80°	5.2	7.8	7.8	7.8	10.4	10.4	13.0	13.0	15.7	18.3	23.5
77.5°	5.2	5.2	7.8	7.8	7.8	10.4	10.4	13.0	13.0	15.7	18.3
75°	2.6	5.2	5.2	5.2	7.8	7.8	10.4	10.4	13.0	13.0	15.7
72.5°	2.6	5.2	5.2	5.2	7.8	7.8	10.4	10.4	10.4	13.0	13.0
70°	2.6	5.2	5.2	5.2	5.2	7.8	7.8	7.8	10.4	10.4	10.4
67.5°	2.6	2.6	2.6	5.2	5.2	5.2	5.2	7.8	7.8	7.8	10.4
65°	2.6	2.6	2.6	2.6	5.2	5.2	5.2	5.2	7.8	7.8	7.8
62.5°	2.6	2.6	2.6	5.2	5.2	5.2	5.2	5.2	7.8	7.8	7.8
60°	10.4	10.4	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
57.5°	23.5	23.5	20.9	18.3	15.7	15.7	13.0	10.4	10.4	7.8	7.8
55°	39.1	36.5	33.9	28.7	26.1	23.5	20.9	15.7	13.0	10.4	7.8
52.5°	49.6	47.0	44.4	41.8	36.5	31.3	28.7	26.1	20.9	15.7	13.0
50°	73.1	65.2	60.0	54.8	49.6	44.4	39.1	36.5	28.7	23.5	18.3
47.5°	88.7	83.5	75.7	70.5	65.2	57.4	49.6	44.4	39.1	31.3	23.5
45°	101.8	96.6	88.7	83.5	78.3	70.5	62.6	54.8	49.6	41.8	31.3
42.5°	114.8	109.6	101.8	96.6	88.7	80.9	73.1	65.2	57.4	52.2	41.8
40°	133.1	125.3	114.8	109.6	104.4	93.9	83.5	75.7	67.8	60.0	49.6
37.5°	156.6	148.7	135.7	125.3	117.4	109.6	99.2	88.7	80.9	70.5	60.0
35°	193.1	180.1	161.8	146.1	135.7	125.3	112.2	101.8	91.3	80.9	70.5
32.5°	229.6	208.8	185.3	167.0	151.3	138.3	125.3	114.8	101.8	88.7	78.3
30°	258.3	234.9	211.4	185.3	167.0	151.3	138.3	125.3	112.2	99.2	86.1
27.5°	287.0	260.9	234.9	208.8	182.7	161.8	148.7	135.7	122.6	109.6	93.9
25°	315.7	287.0	260.9	232.2	200.9	177.4	159.2	148.7	135.7	120.0	101.8
22.5°	341.8	315.7	289.7	258.3	221.8	190.5	172.2	159.2	146.1	127.9	112.2
20°	391.4	357.5	326.2	287.0	245.3	214.0	190.5	172.2	156.6	138.3	120.0
17.5°	456.7	407.1	365.3	321.0	279.2	240.1	206.1	185.3	169.6	148.7	127.9
15°	540.2	454.0	401.9	357.5	307.9	263.6	227.0	198.3	177.4	156.6	138.3
12.5°	602.8	490.6	433.2	391.4	339.2	289.7	242.7	208.8	185.3	164.4	143.5
10°	673.2	529.7	459.3	412.3	357.5	302.7	253.1	216.6	190.5	172.2	151.3
7.5°	730.7	561.0	472.3	420.1	367.9	313.1	263.6	224.4	198.3	177.4	156.6
5°	782.8	587.1	482.8	422.7	373.2	321.0	268.8	229.6	203.5	182.7	161.8
2.5°	819.4	610.6	493.2	428.0	378.4	326.2	276.6	234.9	208.8	187.9	167.0
0°	850.7	618.4	490.6	428.0	381.0	326.2	279.2	237.5	211.4	190.5	169.6
-2.5°	861.1	631.5	503.6	433.2	386.2	331.4	284.4	240.1	214.0	193.1	174.8
-5°	861.1	621.1	503.6	438.4	388.8	334.0	284.4	242.7	216.6	195.7	174.8
-7.5°	829.8	605.4	501.0	443.6	391.4	336.6	284.4	245.3	219.2	198.3	177.4
-10°	775.0	581.9	498.4	446.2	391.4	334.0	284.4	245.3	219.2	198.3	180.1
-12.5°	686.3	550.6	485.4	441.0	386.2	328.8	281.8	245.3	219.2	200.9	180.1
-15°	641.9	524.5	469.7	425.3	373.2	321.0	276.6	242.7	219.2	200.9	182.7
-17.5°	581.9	503.6	454.0	409.7	362.7	313.1	271.4	242.7	219.2	198.3	182.7
-20°	540.2	480.1	435.8	396.6	349.7	305.3	268.8	240.1	219.2	198.3	182.7



REPORT NUMBER: P724017
 CATALOG NUMBER: IFLD-S-SA3C-722-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°	503.6	454.0	414.9	375.8	334.0	294.9	263.6	237.5	216.6	198.3	182.7
-25°	474.9	430.6	394.0	357.5	321.0	287.0	258.3	234.9	214.0	198.3	180.1
-27.5°	448.8	407.1	373.2	339.2	305.3	279.2	253.1	232.2	214.0	195.7	177.4
-30°	420.1	386.2	352.3	321.0	297.5	271.4	247.9	227.0	211.4	193.1	174.8
-32.5°	391.4	360.1	331.4	307.9	287.0	266.2	245.3	224.4	206.1	187.9	169.6
-35°	365.3	336.6	315.7	294.9	279.2	260.9	240.1	219.2	203.5	185.3	169.6
-37.5°	339.2	318.4	300.1	284.4	268.8	253.1	232.2	214.0	198.3	180.1	161.8
-40°	318.4	302.7	289.7	276.6	260.9	242.7	227.0	208.8	193.1	174.8	154.0
-42.5°	305.3	292.3	279.2	266.2	253.1	237.5	221.8	203.5	187.9	169.6	148.7
-45°	292.3	281.8	271.4	260.9	247.9	232.2	214.0	195.7	180.1	161.8	146.1
-47.5°	284.4	274.0	263.6	255.7	245.3	224.4	208.8	190.5	172.2	156.6	138.3
-50°	276.6	266.2	258.3	247.9	234.9	216.6	200.9	182.7	167.0	148.7	133.1
-52.5°	268.8	258.3	247.9	237.5	224.4	208.8	193.1	177.4	159.2	140.9	125.3
-55°	260.9	250.5	240.1	229.6	216.6	203.5	187.9	167.0	148.7	130.5	114.8
-57.5°	253.1	245.3	232.2	219.2	206.1	193.1	174.8	156.6	138.3	120.0	107.0
-60°	242.7	232.2	221.8	206.1	193.1	177.4	161.8	146.1	127.9	112.2	99.2
-62.5°	227.0	216.6	206.1	190.5	177.4	164.4	151.3	133.1	120.0	104.4	91.3
-65°	208.8	198.3	187.9	174.8	161.8	148.7	138.3	122.6	109.6	96.6	86.1
-67.5°	187.9	177.4	169.6	156.6	146.1	133.1	122.6	109.6	96.6	86.1	75.7
-70°	161.8	154.0	146.1	135.7	125.3	114.8	104.4	93.9	83.5	75.7	65.2
-72.5°	138.3	130.5	122.6	114.8	107.0	96.6	88.7	80.9	73.1	65.2	60.0
-75°	112.2	107.0	101.8	96.6	88.7	80.9	75.7	67.8	62.6	57.4	54.8
-77.5°	93.9	88.7	83.5	78.3	73.1	67.8	62.6	57.4	54.8	52.2	49.6
-80°	75.7	73.1	70.5	65.2	62.6	57.4	54.8	49.6	49.6	49.6	49.6
-82.5°	60.0	57.4	54.8	52.2	49.6	47.0	47.0	44.4	47.0	47.0	44.4
-85°	41.8	39.1	36.5	36.5	33.9	33.9	31.3	31.3	31.3	28.7	28.7
-87.5°	18.3	18.3	18.3	18.3	15.7	15.7	15.7	15.7	15.7	13.0	13.0
-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: P724017
 CATALOG NUMBER: IFLD-S-SA3C-722-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°	5.2	5.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6	0.0	0.0
85°	10.4	10.4	7.8	7.8	7.8	5.2	5.2	2.6	2.6	2.6	2.6
82.5°	23.5	20.9	18.3	15.7	13.0	10.4	7.8	5.2	5.2	2.6	2.6
80°	28.7	28.7	28.7	26.1	20.9	15.7	10.4	7.8	5.2	2.6	2.6
77.5°	20.9	20.9	23.5	26.1	26.1	20.9	13.0	7.8	5.2	5.2	2.6
75°	15.7	15.7	15.7	18.3	20.9	20.9	15.7	10.4	5.2	5.2	2.6
72.5°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	10.4	7.8	5.2	5.2
70°	13.0	13.0	13.0	13.0	13.0	13.0	13.0	10.4	7.8	5.2	5.2
67.5°	10.4	10.4	13.0	13.0	13.0	10.4	10.4	10.4	7.8	5.2	5.2
65°	7.8	10.4	10.4	13.0	10.4	10.4	10.4	7.8	7.8	5.2	5.2
62.5°	7.8	7.8	10.4	10.4	10.4	10.4	7.8	7.8	7.8	5.2	5.2
60°	7.8	7.8	7.8	10.4	7.8	7.8	7.8	7.8	7.8	5.2	5.2
57.5°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	5.2	5.2	5.2	5.2
55°	7.8	7.8	7.8	7.8	7.8	7.8	5.2	5.2	5.2	5.2	5.2
52.5°	10.4	7.8	7.8	7.8	7.8	7.8	5.2	5.2	5.2	5.2	5.2
50°	13.0	7.8	7.8	7.8	7.8	5.2	5.2	5.2	5.2	5.2	5.2
47.5°	18.3	13.0	10.4	7.8	7.8	5.2	5.2	5.2	5.2	5.2	2.6
45°	26.1	18.3	13.0	10.4	7.8	5.2	5.2	5.2	5.2	5.2	2.6
42.5°	31.3	23.5	15.7	13.0	10.4	7.8	5.2	5.2	5.2	2.6	2.6
40°	39.1	31.3	20.9	15.7	10.4	7.8	5.2	5.2	5.2	2.6	2.6
37.5°	49.6	39.1	26.1	18.3	13.0	7.8	7.8	5.2	5.2	2.6	2.6
35°	57.4	44.4	33.9	20.9	15.7	10.4	7.8	5.2	5.2	2.6	2.6
32.5°	65.2	52.2	41.8	26.1	18.3	13.0	10.4	5.2	5.2	2.6	2.6
30°	73.1	60.0	47.0	33.9	23.5	15.7	10.4	5.2	5.2	2.6	2.6
27.5°	80.9	65.2	52.2	39.1	26.1	18.3	13.0	7.8	5.2	2.6	2.6
25°	88.7	73.1	57.4	44.4	28.7	20.9	13.0	7.8	5.2	5.2	2.6
22.5°	93.9	80.9	65.2	49.6	33.9	23.5	15.7	10.4	5.2	5.2	2.6
20°	101.8	88.7	70.5	54.8	39.1	26.1	15.7	10.4	5.2	5.2	2.6
17.5°	109.6	93.9	75.7	60.0	44.4	28.7	18.3	13.0	5.2	5.2	2.6
15°	117.4	99.2	80.9	62.6	47.0	31.3	18.3	13.0	5.2	5.2	2.6
12.5°	125.3	107.0	86.1	67.8	49.6	33.9	20.9	15.7	7.8	5.2	2.6
10°	130.5	112.2	91.3	70.5	52.2	39.1	23.5	15.7	7.8	5.2	2.6
7.5°	138.3	117.4	96.6	75.7	54.8	41.8	26.1	15.7	7.8	5.2	2.6
5°	140.9	122.6	99.2	80.9	57.4	44.4	28.7	18.3	7.8	5.2	2.6
2.5°	143.5	127.9	101.8	83.5	60.0	44.4	28.7	18.3	10.4	5.2	2.6
0°	146.1	130.5	104.4	86.1	62.6	47.0	31.3	18.3	10.4	5.2	2.6
-2.5°	148.7	133.1	109.6	88.7	65.2	49.6	33.9	18.3	10.4	5.2	2.6
-5°	151.3	133.1	114.8	91.3	67.8	49.6	33.9	20.9	13.0	5.2	2.6
-7.5°	154.0	135.7	117.4	93.9	70.5	49.6	36.5	20.9	13.0	7.8	2.6
-10°	156.6	138.3	120.0	96.6	70.5	52.2	36.5	20.9	13.0	7.8	2.6
-12.5°	159.2	140.9	120.0	96.6	73.1	52.2	36.5	23.5	13.0	7.8	2.6
-15°	161.8	140.9	120.0	96.6	73.1	54.8	39.1	23.5	13.0	7.8	5.2
-17.5°	161.8	140.9	120.0	99.2	73.1	54.8	39.1	23.5	13.0	7.8	5.2
-20°	161.8	140.9	120.0	99.2	73.1	54.8	39.1	23.5	13.0	7.8	5.2



REPORT NUMBER: P724017

CATALOG NUMBER: IFLD-S-SA3C-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	159.2	138.3	120.0	96.6	73.1	54.8	39.1	23.5	15.7	7.8	5.2
-25°	159.2	138.3	120.0	96.6	73.1	54.8	36.5	23.5	15.7	7.8	5.2
-27.5°	156.6	138.3	117.4	93.9	70.5	52.2	36.5	23.5	15.7	7.8	5.2
-30°	154.0	135.7	114.8	91.3	70.5	52.2	36.5	23.5	15.7	7.8	5.2
-32.5°	151.3	130.5	112.2	88.7	67.8	49.6	36.5	23.5	15.7	7.8	5.2
-35°	146.1	127.9	107.0	86.1	65.2	49.6	33.9	23.5	15.7	10.4	5.2
-37.5°	140.9	122.6	104.4	83.5	62.6	47.0	33.9	23.5	15.7	10.4	5.2
-40°	135.7	120.0	99.2	78.3	60.0	44.4	33.9	23.5	15.7	10.4	7.8
-42.5°	130.5	114.8	96.6	75.7	60.0	44.4	31.3	23.5	15.7	10.4	7.8
-45°	127.9	112.2	91.3	73.1	57.4	44.4	31.3	20.9	15.7	10.4	7.8
-47.5°	122.6	104.4	86.1	70.5	54.8	41.8	28.7	20.9	15.7	10.4	7.8
-50°	114.8	99.2	83.5	67.8	52.2	39.1	28.7	20.9	15.7	10.4	7.8
-52.5°	107.0	91.3	78.3	62.6	49.6	39.1	28.7	20.9	15.7	10.4	7.8
-55°	99.2	86.1	73.1	60.0	47.0	36.5	26.1	20.9	15.7	10.4	7.8
-57.5°	93.9	80.9	67.8	54.8	44.4	33.9	26.1	18.3	13.0	10.4	7.8
-60°	88.7	75.7	62.6	52.2	41.8	33.9	26.1	18.3	13.0	10.4	5.2
-62.5°	80.9	70.5	57.4	49.6	39.1	31.3	23.5	18.3	13.0	10.4	5.2
-65°	73.1	62.6	52.2	44.4	36.5	28.7	23.5	18.3	13.0	10.4	5.2
-67.5°	65.2	57.4	49.6	41.8	33.9	28.7	23.5	18.3	13.0	7.8	5.2
-70°	60.0	52.2	44.4	39.1	33.9	26.1	23.5	18.3	13.0	7.8	5.2
-72.5°	52.2	47.0	41.8	36.5	31.3	28.7	23.5	18.3	10.4	7.8	5.2
-75°	49.6	44.4	39.1	36.5	33.9	28.7	23.5	15.7	10.4	7.8	5.2
-77.5°	49.6	44.4	41.8	39.1	33.9	28.7	20.9	13.0	7.8	7.8	5.2
-80°	49.6	47.0	44.4	36.5	31.3	23.5	15.7	13.0	7.8	5.2	2.6
-82.5°	44.4	36.5	31.3	26.1	23.5	18.3	13.0	10.4	5.2	5.2	2.6
-85°	28.7	23.5	20.9	18.3	15.7	13.0	7.8	5.2	5.2	2.6	2.6
-87.5°	13.0	13.0	10.4	7.8	7.8	5.2	5.2	2.6	2.6	2.6	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: P724017
 CATALOG NUMBER: IFLD-S-SA3C-722-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°	2.6	0.0	0.0	0.0
77.5°	2.6	0.0	0.0	0.0
75°	2.6	2.6	0.0	0.0
72.5°	2.6	2.6	0.0	0.0
70°	2.6	2.6	0.0	0.0
67.5°	2.6	2.6	0.0	0.0
65°	2.6	2.6	0.0	0.0
62.5°	2.6	2.6	0.0	0.0
60°	2.6	2.6	0.0	0.0
57.5°	2.6	2.6	2.6	0.0
55°	2.6	2.6	2.6	0.0
52.5°	2.6	2.6	2.6	0.0
50°	2.6	2.6	2.6	0.0
47.5°	2.6	2.6	2.6	0.0
45°	2.6	2.6	2.6	0.0
42.5°	2.6	2.6	2.6	0.0
40°	2.6	2.6	2.6	0.0
37.5°	2.6	2.6	2.6	0.0
35°	2.6	2.6	2.6	0.0
32.5°	2.6	2.6	2.6	0.0
30°	2.6	2.6	2.6	0.0
27.5°	2.6	2.6	2.6	0.0
25°	2.6	2.6	2.6	0.0
22.5°	2.6	2.6	2.6	0.0
20°	2.6	2.6	2.6	0.0
17.5°	2.6	2.6	2.6	0.0
15°	2.6	2.6	2.6	0.0
12.5°	2.6	2.6	2.6	0.0
10°	2.6	2.6	2.6	0.0
7.5°	2.6	2.6	2.6	0.0
5°	2.6	2.6	2.6	0.0
2.5°	2.6	2.6	2.6	0.0
0°	2.6	2.6	2.6	0.0
-2.5°	2.6	2.6	2.6	0.0
-5°	2.6	2.6	2.6	0.0
-7.5°	2.6	2.6	2.6	0.0
-10°	2.6	2.6	2.6	0.0
-12.5°	2.6	2.6	2.6	0.0
-15°	2.6	2.6	2.6	0.0
-17.5°	2.6	2.6	2.6	0.0
-20°	2.6	2.6	2.6	0.0



REPORT NUMBER: P724017
CATALOG NUMBER: IFLD-S-SA3C-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	2.6	2.6	2.6	0.0
-25°	2.6	2.6	2.6	0.0
-27.5°	2.6	2.6	2.6	0.0
-30°	2.6	2.6	2.6	0.0
-32.5°	2.6	2.6	2.6	0.0
-35°	2.6	2.6	2.6	0.0
-37.5°	2.6	2.6	2.6	0.0
-40°	2.6	2.6	2.6	0.0
-42.5°	2.6	2.6	2.6	0.0
-45°	2.6	2.6	2.6	0.0
-47.5°	2.6	2.6	2.6	0.0
-50°	2.6	2.6	2.6	0.0
-52.5°	2.6	2.6	2.6	0.0
-55°	2.6	2.6	2.6	0.0
-57.5°	2.6	2.6	2.6	0.0
-60°	2.6	2.6	0.0	0.0
-62.5°	2.6	2.6	0.0	0.0
-65°	2.6	2.6	0.0	0.0
-67.5°	2.6	2.6	0.0	0.0
-70°	2.6	2.6	0.0	0.0
-72.5°	2.6	2.6	0.0	0.0
-75°	2.6	2.6	0.0	0.0
-77.5°	2.6	0.0	0.0	0.0
-80°	2.6	0.0	0.0	0.0
-82.5°	2.6	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)