

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: P724093

Luminaire Tested: **IFLD-L-SA8A-730-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724093
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-730-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (128) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

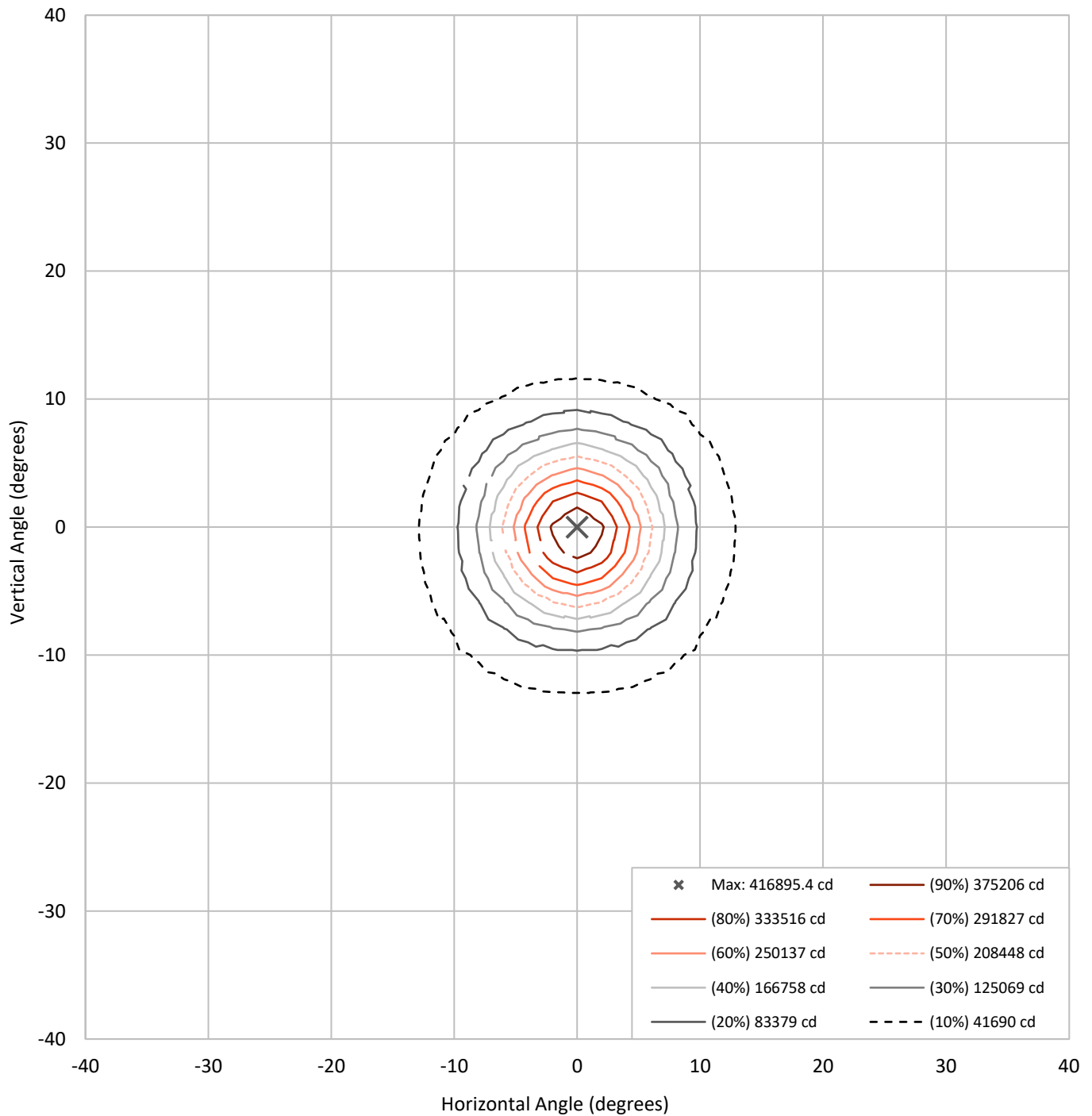
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	29120.3 lumens	Max Intensity:	416895.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	9110.2 lumens	Field Lumens:	20728.9 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 247.8
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





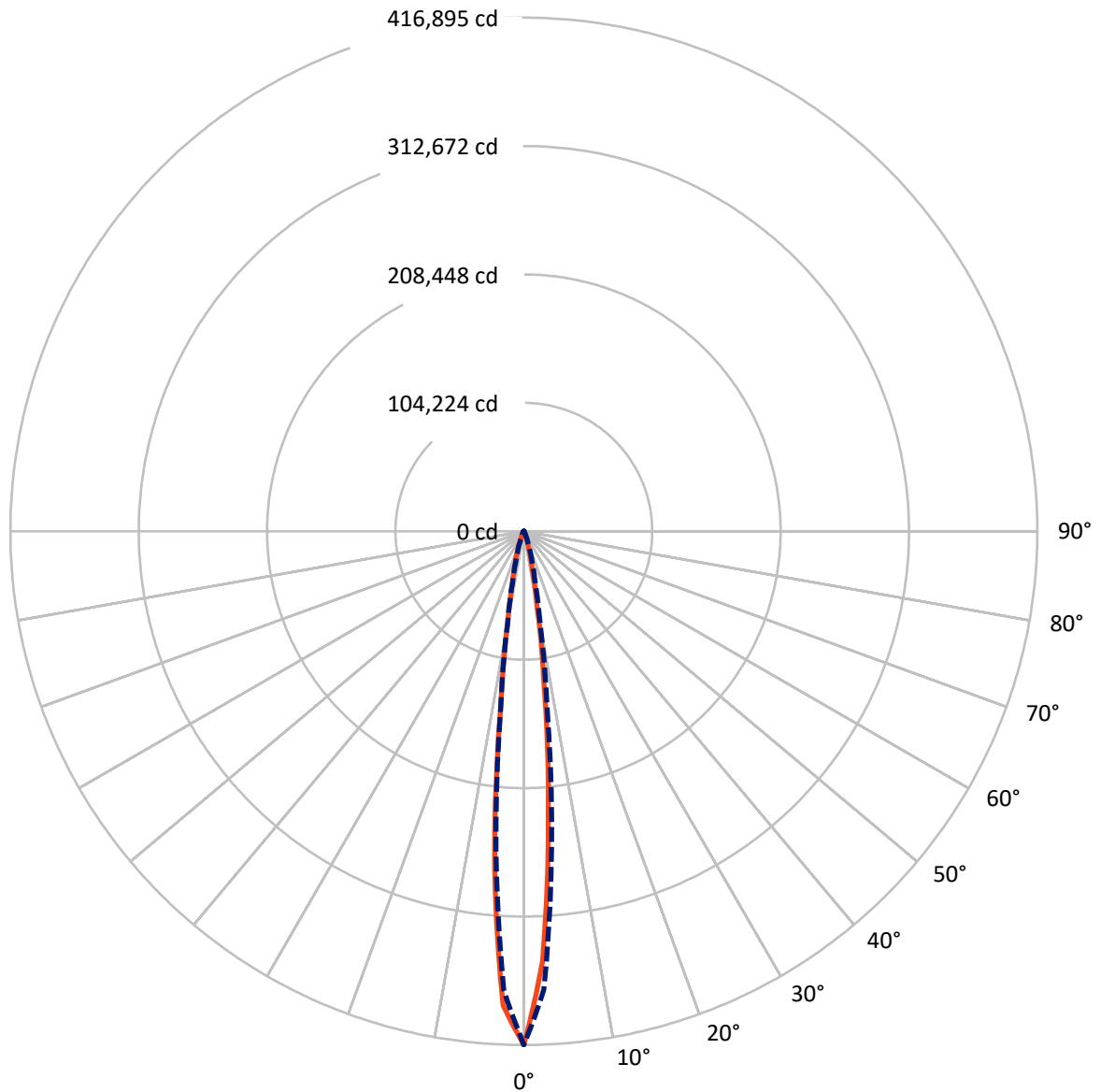
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Lumen Table

90	0.2	1.7	1.5	0.7	0.1	0.7	1.5	1.7	0.2										
80	0.2	1.7	1.5	0.7	0.1	0.7	1.5	1.7	0.2										
70	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.2			
60		0.2	0.3	0.8	1.5	2.3	2.8	3.2	3.2	2.8	2.3	1.5	0.8	0.3	0.2				
50	0.2	0.2	0.9	2.4	4.1	5.9	7.7	9.1	9.1	7.7	5.9	4.1	2.4	0.9	0.2	0.2			
40		0.5	2.0	4.4	7.4	11.7	17.7	21.2	21.2	17.7	11.7	7.4	4.4	2.0	0.5				
30	0.3	0.9	3.1	6.4	11.7	20.1	38.8	62.7	62.7	38.8	20.1	11.7	6.4	3.1	0.9	0.3			
20		1.3	4.2	8.7	17.7	43.9	229.4	580.4	580.4	229.4	43.9	17.7	8.7	4.2	1.3				
10	0.5	1.6	5.0	10.3	21.6	89.2	738.9	4553.4	4553.4	738.9	89.2	21.6	10.3	5.0	1.6	0.5			
0		1.9	5.4	10.9	22.6	101.7	813.1	5014.5	5014.5	813.1	101.7	22.6	10.9	5.4	1.9				
-10	0.6	2.0	5.7	10.8	21.2	60.9	364.9	879.4	879.4	364.9	60.9	21.2	10.8	5.7	2.0	0.6			
-20		2.0	5.6	10.3	17.9	31.0	75.4	141.7	141.7	75.4	31.0	17.9	10.3	5.6	2.0				
-30	0.6	1.8	5.2	9.5	14.9	22.0	31.1	36.6	36.6	31.1	22.0	14.9	9.5	5.2	1.8	0.6			
-40		1.6	4.5	8.5	13.0	17.1	21.7	24.0	24.0	21.7	17.1	13.0	8.5	4.5	1.6				
-50	0.5	1.3	3.6	7.2	11.4	15.0	18.4	20.0	20.0	18.4	15.0	11.4	7.2	3.6	1.3	0.5			
-60		1.0	2.6	5.3	8.7	11.9	15.0	16.7	16.7	15.0	11.9	8.7	5.3	2.6	1.0				
-70	0.3	4.0	10.9	20.1	24.3	20.1	10.9	4.0	0.3										
-80		0.3	4.0	10.9	20.1	24.3	20.1	10.9	4.0	0.3									
-90	0.3	4.0	10.9	20.1	24.3	20.1	10.9	4.0	0.3										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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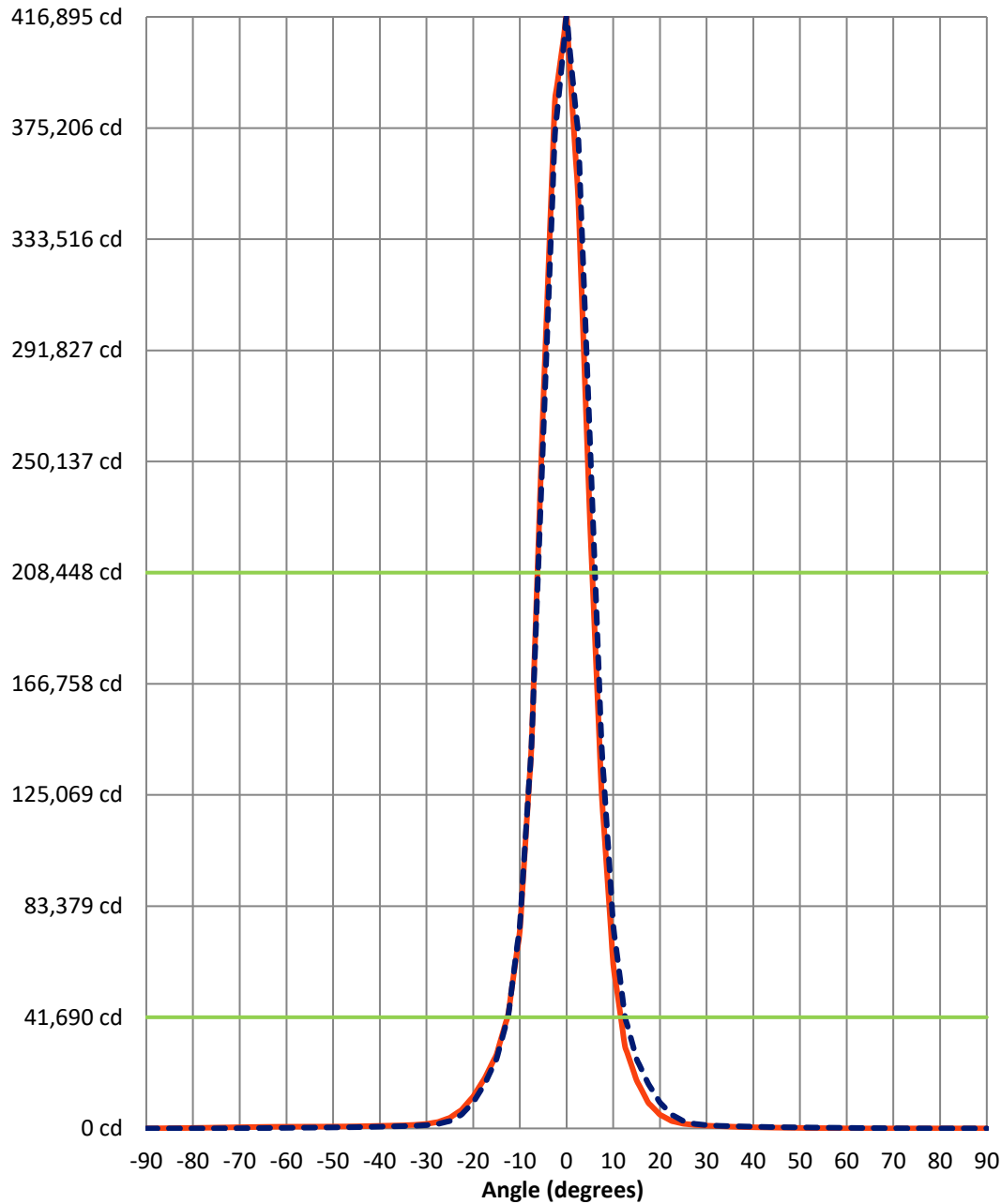
Luminous Intensity Polar Plot



— 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: 9110.2
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 20728.9
 Efficiency: 71.2%

Spill:
 Lumens: 8391.4
 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	5.2	5.2
85°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	10.4	10.4
82.5°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	10.4	10.4	10.4
80°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	10.4	10.4	10.4
77.5°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	10.4
75°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
72.5°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
70°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
67.5°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
65°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
62.5°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
60°	10.4	10.4	10.4	10.4	15.7	15.7	20.9	20.9	20.9	10.4	20.9
57.5°	83.5	83.5	78.3	73.0	67.8	62.6	62.6	62.6	62.6	62.6	52.2
55°	114.8	114.8	114.8	109.6	109.6	104.3	99.1	93.9	93.9	88.7	83.5
52.5°	135.6	135.6	135.6	135.6	130.4	130.4	130.4	125.2	114.8	114.8	109.6
50°	193.0	187.8	187.8	187.8	187.8	177.4	172.2	161.7	156.5	151.3	146.1
47.5°	250.4	250.4	245.2	245.2	240.0	229.5	219.1	208.7	198.2	193.0	182.6
45°	297.4	297.4	292.2	292.2	286.9	276.5	260.8	245.2	234.8	224.3	213.9
42.5°	365.2	360.0	354.8	349.5	339.1	323.5	302.6	281.7	266.1	250.4	240.0
40°	438.2	438.2	433.0	427.8	412.1	396.5	370.4	344.3	318.2	286.9	271.3
37.5°	526.9	532.1	537.4	537.4	526.9	506.0	469.5	438.2	396.5	354.8	333.9
35°	688.6	688.6	699.1	699.1	683.4	657.3	631.3	563.4	511.3	459.1	412.1
32.5°	866.0	871.2	850.4	834.7	813.9	782.5	735.6	678.2	620.8	553.0	500.8
30°	1038.2	1038.2	1012.1	980.8	939.1	886.9	829.5	766.9	699.1	631.3	568.7
27.5°	1309.5	1283.4	1262.5	1210.3	1137.3	1038.2	965.1	866.0	777.3	699.1	631.3
25°	1758.1	1752.9	1706.0	1617.3	1471.2	1314.7	1194.7	1027.7	892.1	772.1	693.9
22.5°	2796.3	2759.8	2650.2	2431.1	2086.8	1815.5	1570.3	1309.5	1064.3	902.5	777.3
20°	5170.0	5050.1	4757.9	4152.7	3380.6	2848.5	2238.1	1799.9	1387.7	1085.1	897.3
17.5°	9646.2	9568.0	9458.4	8060.3	6489.9	5363.1	3991.0	2759.8	1972.0	1419.0	1064.3
15°	18082.1	17503.0	16292.7	14618.0	12421.7	9599.3	7058.6	4455.3	2817.2	1888.6	1351.2
12.5°	30910.7	30269.0	27144.0	22954.8	19005.5	14988.4	10522.7	6771.7	4011.9	2399.8	1601.6
10°	61591.9	56933.1	48184.2	35960.8	28067.4	20930.6	14774.5	9239.3	5222.2	3031.1	1899.0
7.5°	126152.2	110929.0	85480.5	60345.0	39059.7	27451.8	18869.9	12082.6	6959.5	3792.8	2170.3
5°	228645.3	201636.9	151908.5	91469.6	56719.2	34406.1	22391.4	14367.6	8237.6	4413.6	2441.6
2.5°	349126.6	314188.4	219619.9	125776.6	69939.1	39790.0	24853.8	15870.1	9051.5	4836.2	2650.2
0°	416895.4	372394.5	258637.8	143999.5	76236.0	42075.1	26058.9	16772.6	9740.1	5180.5	2785.9
-2.5°	385108.3	349283.2	237691.6	133763.8	72850.1	41073.4	26231.1	16997.0	9854.9	5274.4	2848.5
-5°	271424.7	242021.7	164465.8	98710.8	61811.0	37833.7	24749.4	16151.8	9536.7	5138.7	2822.4
-7.5°	143597.8	130294.5	97537.0	70930.3	45116.6	32021.9	22281.8	14654.5	8712.4	4773.6	2665.9
-10°	74190.9	71462.4	61581.4	46420.8	36508.5	26825.8	19016.0	12531.2	7282.9	4111.0	2399.8
-12.5°	42774.2	42309.8	39132.7	33592.2	27994.4	22036.6	15604.0	10220.1	6077.8	3406.7	2024.2
-15°	27697.0	27895.3	26789.3	24483.4	21295.8	16490.9	11988.7	7601.2	4497.1	2759.8	1784.2
-17.5°	18901.2	18849.0	18332.5	16751.8	14185.0	11138.3	7945.5	5368.3	3406.7	2149.4	1481.6
-20°	11957.4	11978.2	11498.3	10407.9	8519.4	6865.6	4945.7	3620.6	2415.5	1690.3	1309.5



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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°	6938.6	6954.3	6651.7	6036.1	5044.8	4069.3	3213.7	2394.6	1779.0	1408.6	1147.7
-25°	3985.8	3923.2	3803.2	3505.8	3041.5	2509.4	2133.8	1685.1	1424.2	1194.7	1048.6
-27.5°	2415.5	2373.7	2311.1	2180.7	1998.1	1732.0	1559.9	1361.6	1210.3	1074.7	986.0
-30°	1685.1	1700.7	1648.6	1580.8	1497.3	1377.3	1283.4	1189.5	1090.4	1006.9	923.4
-32.5°	1340.8	1351.2	1325.1	1299.0	1257.3	1210.3	1153.0	1085.1	1006.9	928.6	850.4
-35°	1153.0	1158.2	1158.2	1153.0	1142.5	1106.0	1064.3	1001.7	928.6	855.6	787.8
-37.5°	1059.1	1064.3	1064.3	1059.1	1043.4	1012.1	970.4	918.2	850.4	782.5	730.4
-40°	959.9	965.1	959.9	949.5	933.8	902.5	871.2	829.5	777.3	719.9	673.0
-42.5°	866.0	860.8	855.6	845.2	829.5	808.6	782.5	751.2	714.7	673.0	636.5
-45°	777.3	777.3	772.1	766.9	756.5	740.8	725.2	699.1	673.0	641.7	610.4
-47.5°	730.4	730.4	725.2	719.9	714.7	704.3	688.6	667.8	646.9	620.8	594.7
-50°	699.1	699.1	699.1	693.9	688.6	678.2	662.6	646.9	626.0	600.0	573.9
-52.5°	678.2	678.2	678.2	673.0	667.8	662.6	646.9	626.0	600.0	579.1	558.2
-55°	667.8	662.6	662.6	657.3	652.1	646.9	626.0	605.2	584.3	563.4	542.6
-57.5°	652.1	646.9	646.9	641.7	636.5	631.3	610.4	589.5	568.7	542.6	526.9
-60°	636.5	631.3	631.3	620.8	615.6	610.4	589.5	568.7	547.8	526.9	506.0
-62.5°	615.6	610.4	605.2	600.0	589.5	579.1	563.4	542.6	516.5	495.6	474.7
-65°	568.7	563.4	558.2	553.0	547.8	542.6	526.9	500.8	480.0	459.1	438.2
-67.5°	511.3	511.3	511.3	500.8	495.6	485.2	474.7	453.9	433.0	412.1	396.5
-70°	443.4	443.4	443.4	433.0	427.8	422.6	406.9	391.3	375.6	360.0	339.1
-72.5°	375.6	370.4	370.4	365.2	354.8	349.5	339.1	328.7	313.0	302.6	286.9
-75°	307.8	302.6	302.6	297.4	292.2	286.9	276.5	271.3	260.8	250.4	234.8
-77.5°	245.2	245.2	245.2	240.0	234.8	229.5	224.3	219.1	213.9	203.5	193.0
-80°	187.8	187.8	187.8	187.8	187.8	187.8	187.8	182.6	172.2	166.9	161.7
-82.5°	135.6	140.9	140.9	140.9	140.9	140.9	140.9	140.9	135.6	130.4	125.2
-85°	88.7	93.9	93.9	99.1	104.3	104.3	109.6	104.3	99.1	88.7	83.5
-87.5°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	41.7	41.7	41.7	36.5
-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°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	10.4	10.4	10.4
85°	10.4	10.4	10.4	10.4	15.7	15.7	15.7	20.9	20.9	20.9	20.9
82.5°	10.4	15.7	15.7	15.7	20.9	20.9	26.1	31.3	41.7	47.0	47.0
80°	10.4	15.7	15.7	15.7	20.9	20.9	26.1	26.1	31.3	36.5	47.0
77.5°	10.4	10.4	15.7	15.7	15.7	20.9	20.9	26.1	26.1	31.3	36.5
75°	5.2	10.4	10.4	10.4	15.7	15.7	20.9	20.9	26.1	26.1	31.3
72.5°	5.2	10.4	10.4	10.4	15.7	15.7	20.9	20.9	20.9	26.1	26.1
70°	5.2	10.4	10.4	10.4	10.4	15.7	15.7	15.7	20.9	20.9	20.9
67.5°	5.2	5.2	5.2	10.4	10.4	10.4	10.4	15.7	15.7	15.7	20.9
65°	5.2	5.2	5.2	5.2	10.4	10.4	10.4	10.4	15.7	15.7	15.7
62.5°	5.2	5.2	5.2	10.4	10.4	10.4	10.4	10.4	15.7	15.7	15.7
60°	20.9	20.9	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
57.5°	47.0	47.0	41.7	36.5	31.3	31.3	26.1	20.9	20.9	15.7	15.7
55°	78.3	73.0	67.8	57.4	52.2	47.0	41.7	31.3	26.1	20.9	15.7
52.5°	99.1	93.9	88.7	83.5	73.0	62.6	57.4	52.2	41.7	31.3	26.1
50°	146.1	130.4	120.0	109.6	99.1	88.7	78.3	73.0	57.4	47.0	36.5
47.5°	177.4	166.9	151.3	140.9	130.4	114.8	99.1	88.7	78.3	62.6	47.0
45°	203.5	193.0	177.4	166.9	156.5	140.9	125.2	109.6	99.1	83.5	62.6
42.5°	229.5	219.1	203.5	193.0	177.4	161.7	146.1	130.4	114.8	104.3	83.5
40°	266.1	250.4	229.5	219.1	208.7	187.8	166.9	151.3	135.6	120.0	99.1
37.5°	313.0	297.4	271.3	250.4	234.8	219.1	198.2	177.4	161.7	140.9	120.0
35°	386.1	360.0	323.5	292.2	271.3	250.4	224.3	203.5	182.6	161.7	140.9
32.5°	459.1	417.4	370.4	333.9	302.6	276.5	250.4	229.5	203.5	177.4	156.5
30°	516.5	469.5	422.6	370.4	333.9	302.6	276.5	250.4	224.3	198.2	172.2
27.5°	573.9	521.7	469.5	417.4	365.2	323.5	297.4	271.3	245.2	219.1	187.8
25°	631.3	573.9	521.7	464.3	401.7	354.8	318.2	297.4	271.3	240.0	203.5
22.5°	683.4	631.3	579.1	516.5	443.4	380.8	344.3	318.2	292.2	255.6	224.3
20°	782.5	714.7	652.1	573.9	490.4	427.8	380.8	344.3	313.0	276.5	240.0
17.5°	913.0	813.9	730.4	641.7	558.2	480.0	412.1	370.4	339.1	297.4	255.6
15°	1079.9	907.8	803.4	714.7	615.6	526.9	453.9	396.5	354.8	313.0	276.5
12.5°	1205.1	980.8	866.0	782.5	678.2	579.1	485.2	417.4	370.4	328.7	286.9
10°	1346.0	1059.1	918.2	824.3	714.7	605.2	506.0	433.0	380.8	344.3	302.6
7.5°	1460.8	1121.7	944.3	839.9	735.6	626.0	526.9	448.7	396.5	354.8	313.0
5°	1565.1	1173.8	965.1	845.2	746.0	641.7	537.4	459.1	406.9	365.2	323.5
2.5°	1638.1	1220.8	986.0	855.6	756.5	652.1	553.0	469.5	417.4	375.6	333.9
0°	1700.7	1236.4	980.8	855.6	761.7	652.1	558.2	474.7	422.6	380.8	339.1
-2.5°	1721.6	1262.5	1006.9	866.0	772.1	662.6	568.7	480.0	427.8	386.1	349.5
-5°	1721.6	1241.6	1006.9	876.5	777.3	667.8	568.7	485.2	433.0	391.3	349.5
-7.5°	1659.0	1210.3	1001.7	886.9	782.5	673.0	568.7	490.4	438.2	396.5	354.8
-10°	1549.4	1163.4	996.4	892.1	782.5	667.8	568.7	490.4	438.2	396.5	360.0
-12.5°	1372.1	1100.8	970.4	881.7	772.1	657.3	563.4	490.4	438.2	401.7	360.0
-15°	1283.4	1048.6	939.1	850.4	746.0	641.7	553.0	485.2	438.2	401.7	365.2
-17.5°	1163.4	1006.9	907.8	819.1	725.2	626.0	542.6	485.2	438.2	396.5	365.2
-20°	1079.9	959.9	871.2	793.0	699.1	610.4	537.4	480.0	438.2	396.5	365.2



REPORT NUMBER: P724093
 CATALOG NUMBER: IFLD-L-SA8A-730-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°	1006.9	907.8	829.5	751.2	667.8	589.5	526.9	474.7	433.0	396.5	365.2
-25°	949.5	860.8	787.8	714.7	641.7	573.9	516.5	469.5	427.8	396.5	360.0
-27.5°	897.3	813.9	746.0	678.2	610.4	558.2	506.0	464.3	427.8	391.3	354.8
-30°	839.9	772.1	704.3	641.7	594.7	542.6	495.6	453.9	422.6	386.1	349.5
-32.5°	782.5	719.9	662.6	615.6	573.9	532.1	490.4	448.7	412.1	375.6	339.1
-35°	730.4	673.0	631.3	589.5	558.2	521.7	480.0	438.2	406.9	370.4	339.1
-37.5°	678.2	636.5	600.0	568.7	537.4	506.0	464.3	427.8	396.5	360.0	323.5
-40°	636.5	605.2	579.1	553.0	521.7	485.2	453.9	417.4	386.1	349.5	307.8
-42.5°	610.4	584.3	558.2	532.1	506.0	474.7	443.4	406.9	375.6	339.1	297.4
-45°	584.3	563.4	542.6	521.7	495.6	464.3	427.8	391.3	360.0	323.5	292.2
-47.5°	568.7	547.8	526.9	511.3	490.4	448.7	417.4	380.8	344.3	313.0	276.5
-50°	553.0	532.1	516.5	495.6	469.5	433.0	401.7	365.2	333.9	297.4	266.1
-52.5°	537.4	516.5	495.6	474.7	448.7	417.4	386.1	354.8	318.2	281.7	250.4
-55°	521.7	500.8	480.0	459.1	433.0	406.9	375.6	333.9	297.4	260.8	229.5
-57.5°	506.0	490.4	464.3	438.2	412.1	386.1	349.5	313.0	276.5	240.0	213.9
-60°	485.2	464.3	443.4	412.1	386.1	354.8	323.5	292.2	255.6	224.3	198.2
-62.5°	453.9	433.0	412.1	380.8	354.8	328.7	302.6	266.1	240.0	208.7	182.6
-65°	417.4	396.5	375.6	349.5	323.5	297.4	276.5	245.2	219.1	193.0	172.2
-67.5°	375.6	354.8	339.1	313.0	292.2	266.1	245.2	219.1	193.0	172.2	151.3
-70°	323.5	307.8	292.2	271.3	250.4	229.5	208.7	187.8	166.9	151.3	130.4
-72.5°	276.5	260.8	245.2	229.5	213.9	193.0	177.4	161.7	146.1	130.4	120.0
-75°	224.3	213.9	203.5	193.0	177.4	161.7	151.3	135.6	125.2	114.8	109.6
-77.5°	187.8	177.4	166.9	156.5	146.1	135.6	125.2	114.8	109.6	104.3	99.1
-80°	151.3	146.1	140.9	130.4	125.2	114.8	109.6	99.1	99.1	99.1	99.1
-82.5°	120.0	114.8	109.6	104.3	99.1	93.9	93.9	88.7	93.9	93.9	88.7
-85°	83.5	78.3	73.0	73.0	67.8	67.8	62.6	62.6	62.6	57.4	57.4
-87.5°	36.5	36.5	36.5	36.5	31.3	31.3	31.3	31.3	31.3	26.1	26.1
-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: P724093
 CATALOG NUMBER: IFLD-L-SA8A-730-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°	10.4	10.4	5.2	5.2	5.2	5.2	5.2	5.2	5.2	0.0	0.0
85°	20.9	20.9	15.7	15.7	15.7	10.4	10.4	5.2	5.2	5.2	5.2
82.5°	47.0	41.7	36.5	31.3	26.1	20.9	15.7	10.4	10.4	5.2	5.2
80°	57.4	57.4	57.4	52.2	41.7	31.3	20.9	15.7	10.4	5.2	5.2
77.5°	41.7	41.7	47.0	52.2	52.2	41.7	26.1	15.7	10.4	10.4	5.2
75°	31.3	31.3	31.3	36.5	41.7	41.7	31.3	20.9	10.4	10.4	5.2
72.5°	31.3	31.3	31.3	31.3	31.3	31.3	31.3	20.9	15.7	10.4	10.4
70°	26.1	26.1	26.1	26.1	26.1	26.1	26.1	20.9	15.7	10.4	10.4
67.5°	20.9	20.9	26.1	26.1	26.1	20.9	20.9	20.9	15.7	10.4	10.4
65°	15.7	20.9	20.9	26.1	20.9	20.9	20.9	15.7	15.7	10.4	10.4
62.5°	15.7	15.7	20.9	20.9	20.9	20.9	15.7	15.7	15.7	10.4	10.4
60°	15.7	15.7	15.7	20.9	15.7	15.7	15.7	15.7	15.7	10.4	10.4
57.5°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	10.4	10.4	10.4	10.4
55°	15.7	15.7	15.7	15.7	15.7	15.7	10.4	10.4	10.4	10.4	10.4
52.5°	20.9	15.7	15.7	15.7	15.7	15.7	10.4	10.4	10.4	10.4	10.4
50°	26.1	15.7	15.7	15.7	15.7	10.4	10.4	10.4	10.4	10.4	10.4
47.5°	36.5	26.1	20.9	15.7	15.7	10.4	10.4	10.4	10.4	10.4	5.2
45°	52.2	36.5	26.1	20.9	15.7	10.4	10.4	10.4	10.4	10.4	5.2
42.5°	62.6	47.0	31.3	26.1	20.9	15.7	10.4	10.4	10.4	5.2	5.2
40°	78.3	62.6	41.7	31.3	20.9	15.7	10.4	10.4	10.4	5.2	5.2
37.5°	99.1	78.3	52.2	36.5	26.1	15.7	15.7	10.4	10.4	5.2	5.2
35°	114.8	88.7	67.8	41.7	31.3	20.9	15.7	10.4	10.4	5.2	5.2
32.5°	130.4	104.3	83.5	52.2	36.5	26.1	20.9	10.4	10.4	5.2	5.2
30°	146.1	120.0	93.9	67.8	47.0	31.3	20.9	10.4	10.4	5.2	5.2
27.5°	161.7	130.4	104.3	78.3	52.2	36.5	26.1	15.7	10.4	5.2	5.2
25°	177.4	146.1	114.8	88.7	57.4	41.7	26.1	15.7	10.4	10.4	5.2
22.5°	187.8	161.7	130.4	99.1	67.8	47.0	31.3	20.9	10.4	10.4	5.2
20°	203.5	177.4	140.9	109.6	78.3	52.2	31.3	20.9	10.4	10.4	5.2
17.5°	219.1	187.8	151.3	120.0	88.7	57.4	36.5	26.1	10.4	10.4	5.2
15°	234.8	198.2	161.7	125.2	93.9	62.6	36.5	26.1	10.4	10.4	5.2
12.5°	250.4	213.9	172.2	135.6	99.1	67.8	41.7	31.3	15.7	10.4	5.2
10°	260.8	224.3	182.6	140.9	104.3	78.3	47.0	31.3	15.7	10.4	5.2
7.5°	276.5	234.8	193.0	151.3	109.6	83.5	52.2	31.3	15.7	10.4	5.2
5°	281.7	245.2	198.2	161.7	114.8	88.7	57.4	36.5	15.7	10.4	5.2
2.5°	286.9	255.6	203.5	166.9	120.0	88.7	57.4	36.5	20.9	10.4	5.2
0°	292.2	260.8	208.7	172.2	125.2	93.9	62.6	36.5	20.9	10.4	5.2
-2.5°	297.4	266.1	219.1	177.4	130.4	99.1	67.8	36.5	20.9	10.4	5.2
-5°	302.6	266.1	229.5	182.6	135.6	99.1	67.8	41.7	26.1	10.4	5.2
-7.5°	307.8	271.3	234.8	187.8	140.9	99.1	73.0	41.7	26.1	15.7	5.2
-10°	313.0	276.5	240.0	193.0	140.9	104.3	73.0	41.7	26.1	15.7	5.2
-12.5°	318.2	281.7	240.0	193.0	146.1	104.3	73.0	47.0	26.1	15.7	5.2
-15°	323.5	281.7	240.0	193.0	146.1	109.6	78.3	47.0	26.1	15.7	10.4
-17.5°	323.5	281.7	240.0	198.2	146.1	109.6	78.3	47.0	26.1	15.7	10.4
-20°	323.5	281.7	240.0	198.2	146.1	109.6	78.3	47.0	26.1	15.7	10.4



REPORT NUMBER: P724093
 CATALOG NUMBER: IFLD-L-SA8A-730-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	318.2	276.5	240.0	193.0	146.1	109.6	78.3	47.0	31.3	15.7	10.4
-25°	318.2	276.5	240.0	193.0	146.1	109.6	73.0	47.0	31.3	15.7	10.4
-27.5°	313.0	276.5	234.8	187.8	140.9	104.3	73.0	47.0	31.3	15.7	10.4
-30°	307.8	271.3	229.5	182.6	140.9	104.3	73.0	47.0	31.3	15.7	10.4
-32.5°	302.6	260.8	224.3	177.4	135.6	99.1	73.0	47.0	31.3	15.7	10.4
-35°	292.2	255.6	213.9	172.2	130.4	99.1	67.8	47.0	31.3	20.9	10.4
-37.5°	281.7	245.2	208.7	166.9	125.2	93.9	67.8	47.0	31.3	20.9	10.4
-40°	271.3	240.0	198.2	156.5	120.0	88.7	67.8	47.0	31.3	20.9	15.7
-42.5°	260.8	229.5	193.0	151.3	120.0	88.7	62.6	47.0	31.3	20.9	15.7
-45°	255.6	224.3	182.6	146.1	114.8	88.7	62.6	41.7	31.3	20.9	15.7
-47.5°	245.2	208.7	172.2	140.9	109.6	83.5	57.4	41.7	31.3	20.9	15.7
-50°	229.5	198.2	166.9	135.6	104.3	78.3	57.4	41.7	31.3	20.9	15.7
-52.5°	213.9	182.6	156.5	125.2	99.1	78.3	57.4	41.7	31.3	20.9	15.7
-55°	198.2	172.2	146.1	120.0	93.9	73.0	52.2	41.7	31.3	20.9	15.7
-57.5°	187.8	161.7	135.6	109.6	88.7	67.8	52.2	36.5	26.1	20.9	15.7
-60°	177.4	151.3	125.2	104.3	83.5	67.8	52.2	36.5	26.1	20.9	10.4
-62.5°	161.7	140.9	114.8	99.1	78.3	62.6	47.0	36.5	26.1	20.9	10.4
-65°	146.1	125.2	104.3	88.7	73.0	57.4	47.0	36.5	26.1	20.9	10.4
-67.5°	130.4	114.8	99.1	83.5	67.8	57.4	47.0	36.5	26.1	15.7	10.4
-70°	120.0	104.3	88.7	78.3	67.8	52.2	47.0	36.5	26.1	15.7	10.4
-72.5°	104.3	93.9	83.5	73.0	62.6	57.4	47.0	36.5	20.9	15.7	10.4
-75°	99.1	88.7	78.3	73.0	67.8	57.4	47.0	31.3	20.9	15.7	10.4
-77.5°	99.1	88.7	83.5	78.3	67.8	57.4	41.7	26.1	15.7	15.7	10.4
-80°	99.1	93.9	88.7	73.0	62.6	47.0	31.3	26.1	15.7	10.4	5.2
-82.5°	88.7	73.0	62.6	52.2	47.0	36.5	26.1	20.9	10.4	10.4	5.2
-85°	57.4	47.0	41.7	36.5	31.3	26.1	15.7	10.4	10.4	5.2	5.2
-87.5°	26.1	26.1	20.9	15.7	15.7	10.4	10.4	5.2	5.2	5.2	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: P724093
 CATALOG NUMBER: IFLD-L-SA8A-730-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°	5.2	0.0	0.0	0.0
77.5°	5.2	0.0	0.0	0.0
75°	5.2	5.2	0.0	0.0
72.5°	5.2	5.2	0.0	0.0
70°	5.2	5.2	0.0	0.0
67.5°	5.2	5.2	0.0	0.0
65°	5.2	5.2	0.0	0.0
62.5°	5.2	5.2	0.0	0.0
60°	5.2	5.2	0.0	0.0
57.5°	5.2	5.2	5.2	0.0
55°	5.2	5.2	5.2	0.0
52.5°	5.2	5.2	5.2	0.0
50°	5.2	5.2	5.2	0.0
47.5°	5.2	5.2	5.2	0.0
45°	5.2	5.2	5.2	0.0
42.5°	5.2	5.2	5.2	0.0
40°	5.2	5.2	5.2	0.0
37.5°	5.2	5.2	5.2	0.0
35°	5.2	5.2	5.2	0.0
32.5°	5.2	5.2	5.2	0.0
30°	5.2	5.2	5.2	0.0
27.5°	5.2	5.2	5.2	0.0
25°	5.2	5.2	5.2	0.0
22.5°	5.2	5.2	5.2	0.0
20°	5.2	5.2	5.2	0.0
17.5°	5.2	5.2	5.2	0.0
15°	5.2	5.2	5.2	0.0
12.5°	5.2	5.2	5.2	0.0
10°	5.2	5.2	5.2	0.0
7.5°	5.2	5.2	5.2	0.0
5°	5.2	5.2	5.2	0.0
2.5°	5.2	5.2	5.2	0.0
0°	5.2	5.2	5.2	0.0
-2.5°	5.2	5.2	5.2	0.0
-5°	5.2	5.2	5.2	0.0
-7.5°	5.2	5.2	5.2	0.0
-10°	5.2	5.2	5.2	0.0
-12.5°	5.2	5.2	5.2	0.0
-15°	5.2	5.2	5.2	0.0
-17.5°	5.2	5.2	5.2	0.0
-20°	5.2	5.2	5.2	0.0



REPORT NUMBER: P724093
CATALOG NUMBER: IFLD-L-SA8A-730-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	5.2	5.2	5.2	0.0
-25°	5.2	5.2	5.2	0.0
-27.5°	5.2	5.2	5.2	0.0
-30°	5.2	5.2	5.2	0.0
-32.5°	5.2	5.2	5.2	0.0
-35°	5.2	5.2	5.2	0.0
-37.5°	5.2	5.2	5.2	0.0
-40°	5.2	5.2	5.2	0.0
-42.5°	5.2	5.2	5.2	0.0
-45°	5.2	5.2	5.2	0.0
-47.5°	5.2	5.2	5.2	0.0
-50°	5.2	5.2	5.2	0.0
-52.5°	5.2	5.2	5.2	0.0
-55°	5.2	5.2	5.2	0.0
-57.5°	5.2	5.2	5.2	0.0
-60°	5.2	5.2	0.0	0.0
-62.5°	5.2	5.2	0.0	0.0
-65°	5.2	5.2	0.0	0.0
-67.5°	5.2	5.2	0.0	0.0
-70°	5.2	5.2	0.0	0.0
-72.5°	5.2	5.2	0.0	0.0
-75°	5.2	5.2	0.0	0.0
-77.5°	5.2	0.0	0.0	0.0
-80°	5.2	0.0	0.0	0.0
-82.5°	5.2	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)