

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: P724220

Luminaire Tested: **IFLD-S-SA3C-827-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724220
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-827-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (48) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

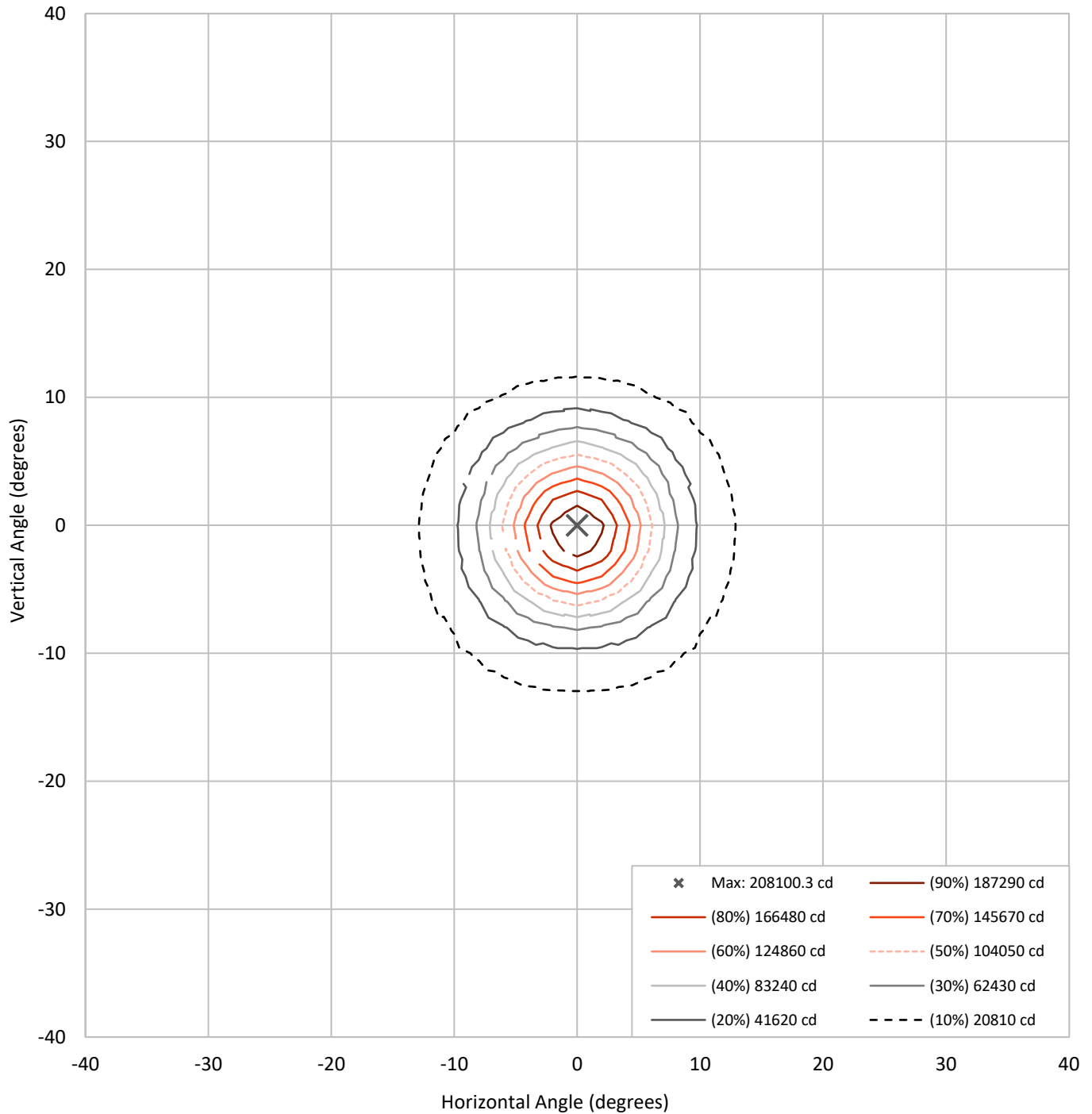
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	14535.9 lumens	Max Intensity:	208100.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4547.5 lumens	Field Lumens:	10347.2 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





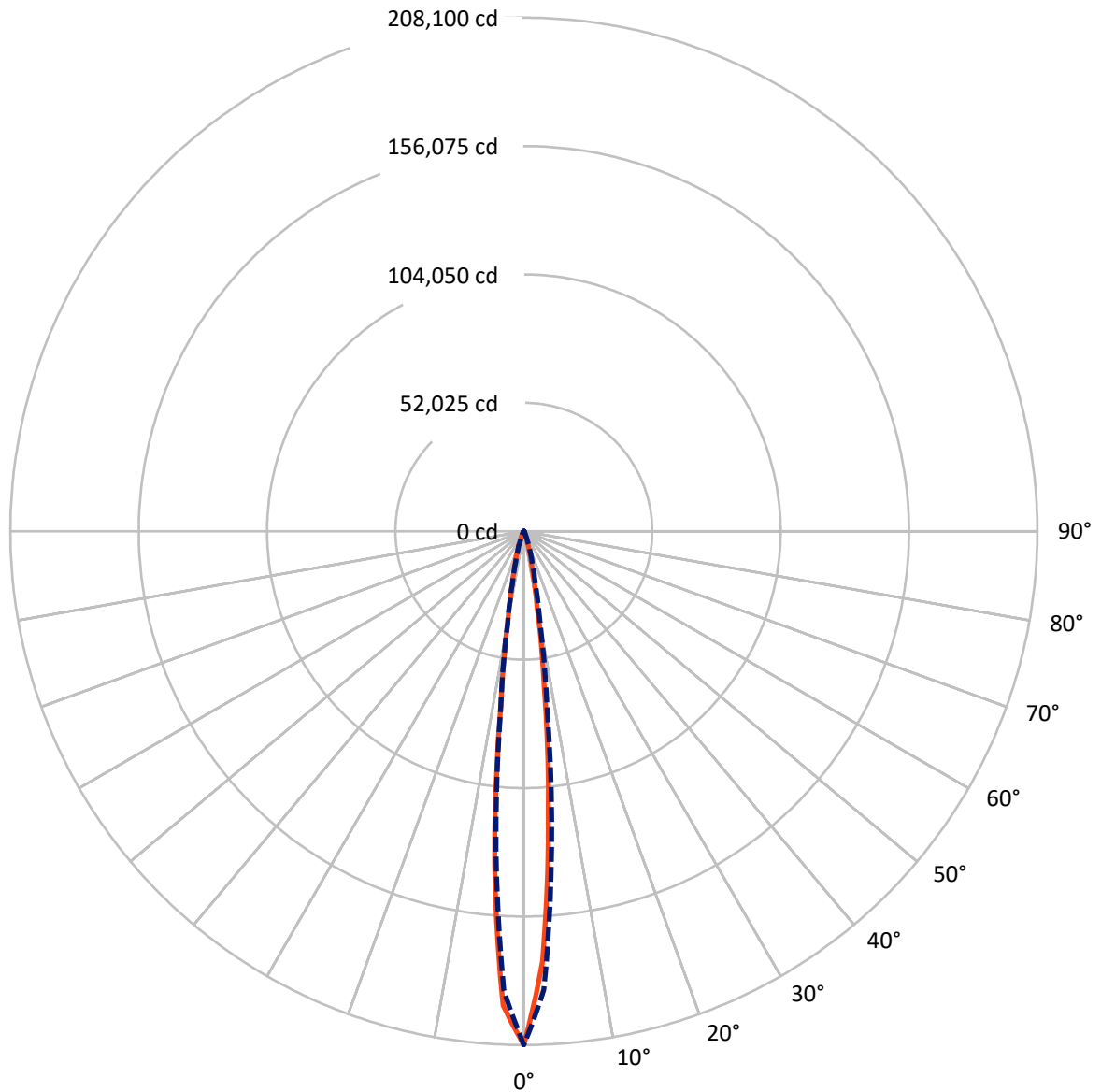
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Lumen Table

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	5.8	8.8	10.6	10.6	8.8	5.8	3.7	2.2	1.0	0.2			
30	0.1	0.4	1.6	3.2	5.8	10.1	19.4	31.3	31.3	19.4	10.1	5.8	3.2	1.6	0.4	0.1		
20		0.6	2.1	4.4	8.8	21.9	114.5	289.7	289.7	114.5	21.9	8.8	4.4	2.1	0.6			
10	0.2	0.8	2.5	5.1	10.8	44.5	368.8	2272.9	2272.9	368.8	44.5	10.8	5.1	2.5	0.8	0.2		
0		0.9	2.7	5.4	11.3	50.7	405.9	2503.1	2503.1	405.9	50.7	11.3	5.4	2.7	0.9			
-10	0.3	1.0	2.8	5.4	10.6	30.4	182.2	439.0	439.0	182.2	30.4	10.6	5.4	2.8	1.0	0.3		
-20		1.0	2.8	5.1	8.9	15.5	37.6	70.7	70.7	37.6	15.5	8.9	5.1	2.8	1.0			
-30	0.3	0.9	2.6	4.8	7.4	11.0	15.5	18.3	18.3	15.5	11.0	7.4	4.8	2.6	0.9	0.3		
-40		0.8	2.2	4.2	6.5	8.5	10.8	12.0	12.0	10.8	8.5	6.5	4.2	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	0.1	2.0	5.4	10.0	12.1	10.0	5.4	2.0	0.1							0.1		
-80		2.0	5.4	10.0	12.1	10.0	5.4	2.0	0.1									
-90	0.1	0.9	0.7	0.3	0.0	0.3	0.7	0.9	0.1									

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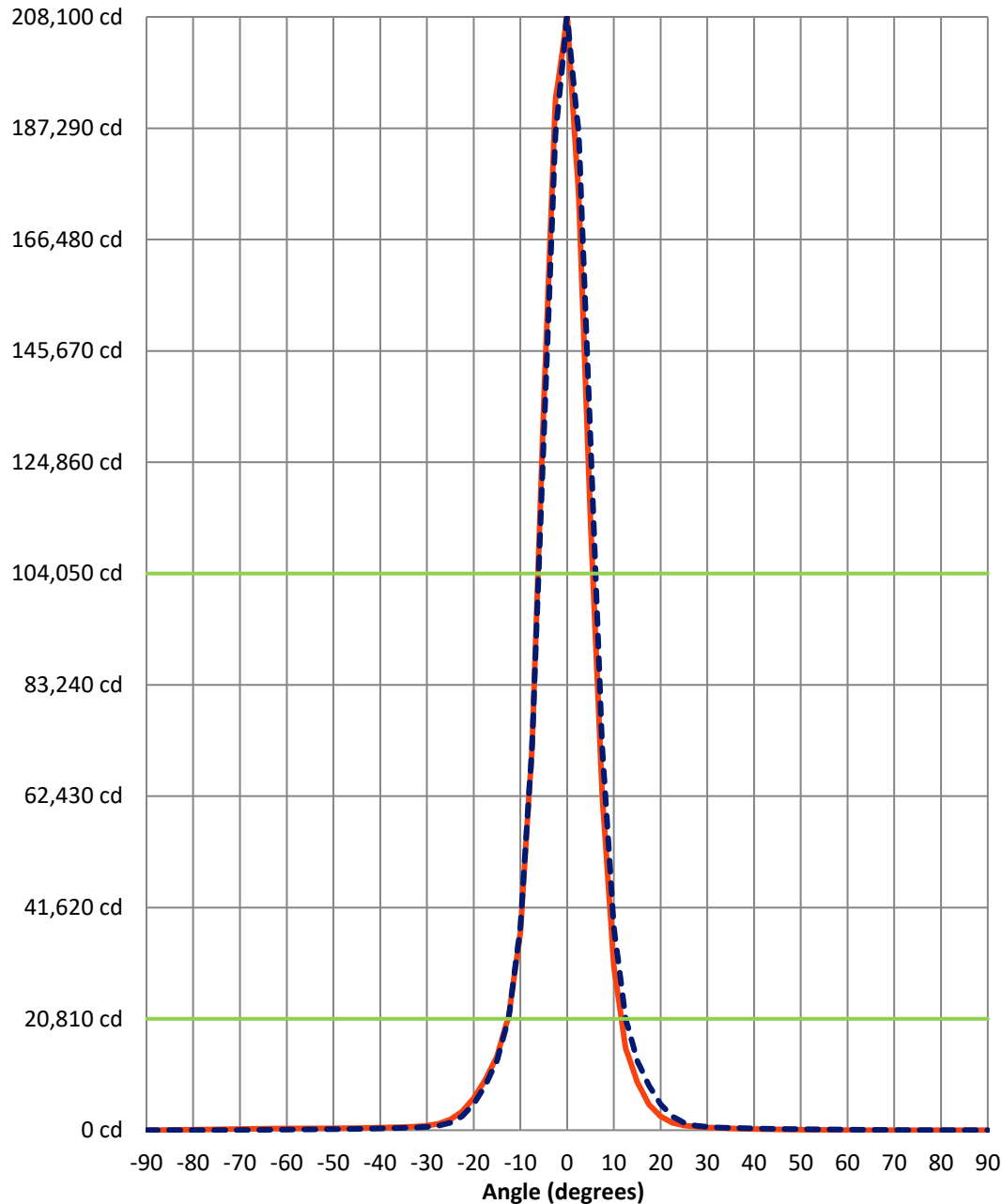
Luminous Intensity Polar Plot



— 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: 4547.5
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 10347.2
Efficiency: 71.2%

Spill:
Lumens: 4188.7
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°	41.7	41.7	39.1	36.5	33.9	31.2	31.2	31.2	31.2	31.2	26.0
55°	57.3	57.3	57.3	54.7	54.7	52.1	49.5	46.9	46.9	44.3	41.7
52.5°	67.7	67.7	67.7	67.7	65.1	65.1	65.1	62.5	57.3	57.3	54.7
50°	96.4	93.7	93.7	93.7	93.7	88.5	85.9	80.7	78.1	75.5	72.9
47.5°	125.0	125.0	122.4	122.4	119.8	114.6	109.4	104.2	99.0	96.4	91.1
45°	148.4	148.4	145.8	145.8	143.2	138.0	130.2	122.4	117.2	112.0	106.8
42.5°	182.3	179.7	177.1	174.5	169.3	161.5	151.0	140.6	132.8	125.0	119.8
40°	218.7	218.7	216.1	213.5	205.7	197.9	184.9	171.9	158.9	143.2	135.4
37.5°	263.0	265.6	268.2	268.2	263.0	252.6	234.4	218.7	197.9	177.1	166.7
35°	343.7	343.7	349.0	349.0	341.1	328.1	315.1	281.2	255.2	229.2	205.7
32.5°	432.3	434.9	424.5	416.7	406.2	390.6	367.2	338.5	309.9	276.0	250.0
30°	518.2	518.2	505.2	489.6	468.7	442.7	414.1	382.8	349.0	315.1	283.9
27.5°	653.6	640.6	630.2	604.2	567.7	518.2	481.8	432.3	388.0	349.0	315.1
25°	877.6	875.0	851.6	807.3	734.4	656.2	596.4	513.0	445.3	385.4	346.4
22.5°	1395.8	1377.6	1322.9	1213.5	1041.7	906.2	783.8	653.6	531.2	450.5	388.0
20°	2580.7	2520.8	2375.0	2072.9	1687.5	1421.9	1117.2	898.4	692.7	541.7	447.9
17.5°	4815.1	4776.0	4721.3	4023.4	3239.6	2677.1	1992.2	1377.6	984.4	708.3	531.2
15°	9026.0	8736.9	8132.8	7296.8	6200.5	4791.6	3523.4	2223.9	1406.2	942.7	674.5
12.5°	15429.6	15109.3	13549.4	11458.3	9486.9	7481.7	5252.6	3380.2	2002.6	1197.9	799.5
10°	30744.6	28419.1	24051.9	17950.4	14010.3	10447.9	7375.0	4612.0	2606.8	1513.0	947.9
7.5°	62971.0	55372.1	42669.0	30122.2	19497.3	13703.0	9419.2	6031.2	3473.9	1893.2	1083.3
5°	114132.1	100650.4	75827.7	45658.6	28312.3	17174.4	11177.0	7171.8	4112.0	2203.1	1218.7
2.5°	174272.4	156832.4	109627.0	62783.5	34911.3	19861.9	12406.2	7921.8	4518.2	2414.0	1322.9
0°	208100.3	185886.9	129103.4	71879.8	38054.5	21002.5	13007.7	8372.3	4862.0	2585.9	1390.6
-2.5°	192233.2	174350.5	118647.7	66770.4	36364.4	20502.5	13093.7	8484.3	4919.2	2632.8	1421.9
-5°	135486.2	120809.2	82095.9	49273.1	30854.0	18885.3	12354.1	8062.5	4760.4	2565.1	1408.8
-7.5°	71679.3	65038.7	48687.2	35406.0	22520.7	15984.3	11122.3	7315.1	4348.9	2382.8	1330.7
-10°	37033.6	35671.7	30739.4	23171.7	18223.9	13390.5	9492.1	6255.2	3635.4	2052.1	1197.9
-12.5°	21351.4	21119.7	19533.7	16768.1	13973.9	10999.9	7789.0	5101.5	3033.8	1700.5	1010.4
-15°	13825.4	13924.4	13372.3	12221.3	10630.1	8231.7	5984.3	3794.2	2244.8	1377.6	890.6
-17.5°	9434.8	9408.8	9151.0	8361.9	7080.7	5559.9	3966.1	2679.7	1700.5	1072.9	739.6
-20°	5968.7	5979.1	5739.5	5195.3	4252.6	3427.1	2468.7	1807.3	1205.7	843.7	653.6



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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°	3463.5	3471.3	3320.3	3013.0	2518.2	2031.2	1604.2	1195.3	888.0	703.1	572.9
-25°	1989.6	1958.3	1898.4	1750.0	1518.2	1252.6	1065.1	841.1	710.9	596.4	523.4
-27.5°	1205.7	1184.9	1153.6	1088.5	997.4	864.6	778.6	679.7	604.2	536.5	492.2
-30°	841.1	849.0	822.9	789.1	747.4	687.5	640.6	593.7	544.3	502.6	460.9
-32.5°	669.3	674.5	661.5	648.4	627.6	604.2	575.5	541.7	502.6	463.5	424.5
-35°	575.5	578.1	578.1	575.5	570.3	552.1	531.2	500.0	463.5	427.1	393.2
-37.5°	528.6	531.2	531.2	528.6	520.8	505.2	484.4	458.3	424.5	390.6	364.6
-40°	479.2	481.8	479.2	474.0	466.1	450.5	434.9	414.1	388.0	359.4	335.9
-42.5°	432.3	429.7	427.1	421.9	414.1	403.6	390.6	375.0	356.8	335.9	317.7
-45°	388.0	388.0	385.4	382.8	377.6	369.8	362.0	349.0	335.9	320.3	304.7
-47.5°	364.6	364.6	362.0	359.4	356.8	351.6	343.7	333.3	322.9	309.9	296.9
-50°	349.0	349.0	349.0	346.4	343.7	338.5	330.7	322.9	312.5	299.5	286.5
-52.5°	338.5	338.5	338.5	335.9	333.3	330.7	322.9	312.5	299.5	289.1	278.6
-55°	333.3	330.7	330.7	328.1	325.5	322.9	312.5	302.1	291.7	281.2	270.8
-57.5°	325.5	322.9	322.9	320.3	317.7	315.1	304.7	294.3	283.9	270.8	263.0
-60°	317.7	315.1	315.1	309.9	307.3	304.7	294.3	283.9	273.4	263.0	252.6
-62.5°	307.3	304.7	302.1	299.5	294.3	289.1	281.2	270.8	257.8	247.4	237.0
-65°	283.9	281.2	278.6	276.0	273.4	270.8	263.0	250.0	239.6	229.2	218.7
-67.5°	255.2	255.2	255.2	250.0	247.4	242.2	237.0	226.6	216.1	205.7	197.9
-70°	221.4	221.4	221.4	216.1	213.5	210.9	203.1	195.3	187.5	179.7	169.3
-72.5°	187.5	184.9	184.9	182.3	177.1	174.5	169.3	164.1	156.2	151.0	143.2
-75°	153.6	151.0	151.0	148.4	145.8	143.2	138.0	135.4	130.2	125.0	117.2
-77.5°	122.4	122.4	122.4	119.8	117.2	114.6	112.0	109.4	106.8	101.6	96.4
-80°	93.7	93.7	93.7	93.7	93.7	93.7	93.7	91.1	85.9	83.3	80.7
-82.5°	67.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	67.7	65.1	62.5
-85°	44.3	46.9	46.9	49.5	52.1	52.1	54.7	52.1	49.5	44.3	41.7
-87.5°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	20.8	20.8	20.8	18.2
-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	15.6	20.8	23.4	23.4
80°	5.2	7.8	7.8	7.8	10.4	10.4	13.0	13.0	15.6	18.2	23.4
77.5°	5.2	5.2	7.8	7.8	7.8	10.4	10.4	13.0	13.0	15.6	18.2
75°	2.6	5.2	5.2	5.2	7.8	7.8	10.4	10.4	13.0	13.0	15.6
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°	23.4	23.4	20.8	18.2	15.6	15.6	13.0	10.4	10.4	7.8	7.8
55°	39.1	36.5	33.9	28.6	26.0	23.4	20.8	15.6	13.0	10.4	7.8
52.5°	49.5	46.9	44.3	41.7	36.5	31.2	28.6	26.0	20.8	15.6	13.0
50°	72.9	65.1	59.9	54.7	49.5	44.3	39.1	36.5	28.6	23.4	18.2
47.5°	88.5	83.3	75.5	70.3	65.1	57.3	49.5	44.3	39.1	31.2	23.4
45°	101.6	96.4	88.5	83.3	78.1	70.3	62.5	54.7	49.5	41.7	31.2
42.5°	114.6	109.4	101.6	96.4	88.5	80.7	72.9	65.1	57.3	52.1	41.7
40°	132.8	125.0	114.6	109.4	104.2	93.7	83.3	75.5	67.7	59.9	49.5
37.5°	156.2	148.4	135.4	125.0	117.2	109.4	99.0	88.5	80.7	70.3	59.9
35°	192.7	179.7	161.5	145.8	135.4	125.0	112.0	101.6	91.1	80.7	70.3
32.5°	229.2	208.3	184.9	166.7	151.0	138.0	125.0	114.6	101.6	88.5	78.1
30°	257.8	234.4	210.9	184.9	166.7	151.0	138.0	125.0	112.0	99.0	85.9
27.5°	286.5	260.4	234.4	208.3	182.3	161.5	148.4	135.4	122.4	109.4	93.7
25°	315.1	286.5	260.4	231.8	200.5	177.1	158.9	148.4	135.4	119.8	101.6
22.5°	341.1	315.1	289.1	257.8	221.4	190.1	171.9	158.9	145.8	127.6	112.0
20°	390.6	356.8	325.5	286.5	244.8	213.5	190.1	171.9	156.2	138.0	119.8
17.5°	455.7	406.2	364.6	320.3	278.6	239.6	205.7	184.9	169.3	148.4	127.6
15°	539.1	453.1	401.0	356.8	307.3	263.0	226.6	197.9	177.1	156.2	138.0
12.5°	601.6	489.6	432.3	390.6	338.5	289.1	242.2	208.3	184.9	164.1	143.2
10°	671.9	528.6	458.3	411.5	356.8	302.1	252.6	216.1	190.1	171.9	151.0
7.5°	729.2	559.9	471.4	419.3	367.2	312.5	263.0	224.0	197.9	177.1	156.2
5°	781.2	585.9	481.8	421.9	372.4	320.3	268.2	229.2	203.1	182.3	161.5
2.5°	817.7	609.4	492.2	427.1	377.6	325.5	276.0	234.4	208.3	187.5	166.7
0°	849.0	617.2	489.6	427.1	380.2	325.5	278.6	237.0	210.9	190.1	169.3
-2.5°	859.4	630.2	502.6	432.3	385.4	330.7	283.9	239.6	213.5	192.7	174.5
-5°	859.4	619.8	502.6	437.5	388.0	333.3	283.9	242.2	216.1	195.3	174.5
-7.5°	828.1	604.2	500.0	442.7	390.6	335.9	283.9	244.8	218.7	197.9	177.1
-10°	773.4	580.7	497.4	445.3	390.6	333.3	283.9	244.8	218.7	197.9	179.7
-12.5°	684.9	549.5	484.4	440.1	385.4	328.1	281.2	244.8	218.7	200.5	179.7
-15°	640.6	523.4	468.7	424.5	372.4	320.3	276.0	242.2	218.7	200.5	182.3
-17.5°	580.7	502.6	453.1	408.9	362.0	312.5	270.8	242.2	218.7	197.9	182.3
-20°	539.1	479.2	434.9	395.8	349.0	304.7	268.2	239.6	218.7	197.9	182.3



REPORT NUMBER: P724220
 CATALOG NUMBER: IFLD-S-SA3C-827-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°	502.6	453.1	414.1	375.0	333.3	294.3	263.0	237.0	216.1	197.9	182.3
-25°	474.0	429.7	393.2	356.8	320.3	286.5	257.8	234.4	213.5	197.9	179.7
-27.5°	447.9	406.2	372.4	338.5	304.7	278.6	252.6	231.8	213.5	195.3	177.1
-30°	419.3	385.4	351.6	320.3	296.9	270.8	247.4	226.6	210.9	192.7	174.5
-32.5°	390.6	359.4	330.7	307.3	286.5	265.6	244.8	224.0	205.7	187.5	169.3
-35°	364.6	335.9	315.1	294.3	278.6	260.4	239.6	218.7	203.1	184.9	169.3
-37.5°	338.5	317.7	299.5	283.9	268.2	252.6	231.8	213.5	197.9	179.7	161.5
-40°	317.7	302.1	289.1	276.0	260.4	242.2	226.6	208.3	192.7	174.5	153.6
-42.5°	304.7	291.7	278.6	265.6	252.6	237.0	221.4	203.1	187.5	169.3	148.4
-45°	291.7	281.2	270.8	260.4	247.4	231.8	213.5	195.3	179.7	161.5	145.8
-47.5°	283.9	273.4	263.0	255.2	244.8	224.0	208.3	190.1	171.9	156.2	138.0
-50°	276.0	265.6	257.8	247.4	234.4	216.1	200.5	182.3	166.7	148.4	132.8
-52.5°	268.2	257.8	247.4	237.0	224.0	208.3	192.7	177.1	158.9	140.6	125.0
-55°	260.4	250.0	239.6	229.2	216.1	203.1	187.5	166.7	148.4	130.2	114.6
-57.5°	252.6	244.8	231.8	218.7	205.7	192.7	174.5	156.2	138.0	119.8	106.8
-60°	242.2	231.8	221.4	205.7	192.7	177.1	161.5	145.8	127.6	112.0	99.0
-62.5°	226.6	216.1	205.7	190.1	177.1	164.1	151.0	132.8	119.8	104.2	91.1
-65°	208.3	197.9	187.5	174.5	161.5	148.4	138.0	122.4	109.4	96.4	85.9
-67.5°	187.5	177.1	169.3	156.2	145.8	132.8	122.4	109.4	96.4	85.9	75.5
-70°	161.5	153.6	145.8	135.4	125.0	114.6	104.2	93.7	83.3	75.5	65.1
-72.5°	138.0	130.2	122.4	114.6	106.8	96.4	88.5	80.7	72.9	65.1	59.9
-75°	112.0	106.8	101.6	96.4	88.5	80.7	75.5	67.7	62.5	57.3	54.7
-77.5°	93.7	88.5	83.3	78.1	72.9	67.7	62.5	57.3	54.7	52.1	49.5
-80°	75.5	72.9	70.3	65.1	62.5	57.3	54.7	49.5	49.5	49.5	49.5
-82.5°	59.9	57.3	54.7	52.1	49.5	46.9	46.9	44.3	46.9	46.9	44.3
-85°	41.7	39.1	36.5	36.5	33.9	33.9	31.2	31.2	31.2	28.6	28.6
-87.5°	18.2	18.2	18.2	18.2	15.6	15.6	15.6	15.6	15.6	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: P724220
 CATALOG NUMBER: IFLD-S-SA3C-827-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°	23.4	20.8	18.2	15.6	13.0	10.4	7.8	5.2	5.2	2.6	2.6
80°	28.6	28.6	28.6	26.0	20.8	15.6	10.4	7.8	5.2	2.6	2.6
77.5°	20.8	20.8	23.4	26.0	26.0	20.8	13.0	7.8	5.2	5.2	2.6
75°	15.6	15.6	15.6	18.2	20.8	20.8	15.6	10.4	5.2	5.2	2.6
72.5°	15.6	15.6	15.6	15.6	15.6	15.6	15.6	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°	18.2	13.0	10.4	7.8	7.8	5.2	5.2	5.2	5.2	5.2	2.6
45°	26.0	18.2	13.0	10.4	7.8	5.2	5.2	5.2	5.2	5.2	2.6
42.5°	31.2	23.4	15.6	13.0	10.4	7.8	5.2	5.2	5.2	2.6	2.6
40°	39.1	31.2	20.8	15.6	10.4	7.8	5.2	5.2	5.2	2.6	2.6
37.5°	49.5	39.1	26.0	18.2	13.0	7.8	7.8	5.2	5.2	2.6	2.6
35°	57.3	44.3	33.9	20.8	15.6	10.4	7.8	5.2	5.2	2.6	2.6
32.5°	65.1	52.1	41.7	26.0	18.2	13.0	10.4	5.2	5.2	2.6	2.6
30°	72.9	59.9	46.9	33.9	23.4	15.6	10.4	5.2	5.2	2.6	2.6
27.5°	80.7	65.1	52.1	39.1	26.0	18.2	13.0	7.8	5.2	2.6	2.6
25°	88.5	72.9	57.3	44.3	28.6	20.8	13.0	7.8	5.2	5.2	2.6
22.5°	93.7	80.7	65.1	49.5	33.9	23.4	15.6	10.4	5.2	5.2	2.6
20°	101.6	88.5	70.3	54.7	39.1	26.0	15.6	10.4	5.2	5.2	2.6
17.5°	109.4	93.7	75.5	59.9	44.3	28.6	18.2	13.0	5.2	5.2	2.6
15°	117.2	99.0	80.7	62.5	46.9	31.2	18.2	13.0	5.2	5.2	2.6
12.5°	125.0	106.8	85.9	67.7	49.5	33.9	20.8	15.6	7.8	5.2	2.6
10°	130.2	112.0	91.1	70.3	52.1	39.1	23.4	15.6	7.8	5.2	2.6
7.5°	138.0	117.2	96.4	75.5	54.7	41.7	26.0	15.6	7.8	5.2	2.6
5°	140.6	122.4	99.0	80.7	57.3	44.3	28.6	18.2	7.8	5.2	2.6
2.5°	143.2	127.6	101.6	83.3	59.9	44.3	28.6	18.2	10.4	5.2	2.6
0°	145.8	130.2	104.2	85.9	62.5	46.9	31.2	18.2	10.4	5.2	2.6
-2.5°	148.4	132.8	109.4	88.5	65.1	49.5	33.9	18.2	10.4	5.2	2.6
-5°	151.0	132.8	114.6	91.1	67.7	49.5	33.9	20.8	13.0	5.2	2.6
-7.5°	153.6	135.4	117.2	93.7	70.3	49.5	36.5	20.8	13.0	7.8	2.6
-10°	156.2	138.0	119.8	96.4	70.3	52.1	36.5	20.8	13.0	7.8	2.6
-12.5°	158.9	140.6	119.8	96.4	72.9	52.1	36.5	23.4	13.0	7.8	2.6
-15°	161.5	140.6	119.8	96.4	72.9	54.7	39.1	23.4	13.0	7.8	5.2
-17.5°	161.5	140.6	119.8	99.0	72.9	54.7	39.1	23.4	13.0	7.8	5.2
-20°	161.5	140.6	119.8	99.0	72.9	54.7	39.1	23.4	13.0	7.8	5.2



REPORT NUMBER: P724220

CATALOG NUMBER: IFLD-S-SA3C-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	158.9	138.0	119.8	96.4	72.9	54.7	39.1	23.4	15.6	7.8	5.2
-25°	158.9	138.0	119.8	96.4	72.9	54.7	36.5	23.4	15.6	7.8	5.2
-27.5°	156.2	138.0	117.2	93.7	70.3	52.1	36.5	23.4	15.6	7.8	5.2
-30°	153.6	135.4	114.6	91.1	70.3	52.1	36.5	23.4	15.6	7.8	5.2
-32.5°	151.0	130.2	112.0	88.5	67.7	49.5	36.5	23.4	15.6	7.8	5.2
-35°	145.8	127.6	106.8	85.9	65.1	49.5	33.9	23.4	15.6	10.4	5.2
-37.5°	140.6	122.4	104.2	83.3	62.5	46.9	33.9	23.4	15.6	10.4	5.2
-40°	135.4	119.8	99.0	78.1	59.9	44.3	33.9	23.4	15.6	10.4	7.8
-42.5°	130.2	114.6	96.4	75.5	59.9	44.3	31.2	23.4	15.6	10.4	7.8
-45°	127.6	112.0	91.1	72.9	57.3	44.3	31.2	20.8	15.6	10.4	7.8
-47.5°	122.4	104.2	85.9	70.3	54.7	41.7	28.6	20.8	15.6	10.4	7.8
-50°	114.6	99.0	83.3	67.7	52.1	39.1	28.6	20.8	15.6	10.4	7.8
-52.5°	106.8	91.1	78.1	62.5	49.5	39.1	28.6	20.8	15.6	10.4	7.8
-55°	99.0	85.9	72.9	59.9	46.9	36.5	26.0	20.8	15.6	10.4	7.8
-57.5°	93.7	80.7	67.7	54.7	44.3	33.9	26.0	18.2	13.0	10.4	7.8
-60°	88.5	75.5	62.5	52.1	41.7	33.9	26.0	18.2	13.0	10.4	5.2
-62.5°	80.7	70.3	57.3	49.5	39.1	31.2	23.4	18.2	13.0	10.4	5.2
-65°	72.9	62.5	52.1	44.3	36.5	28.6	23.4	18.2	13.0	10.4	5.2
-67.5°	65.1	57.3	49.5	41.7	33.9	28.6	23.4	18.2	13.0	7.8	5.2
-70°	59.9	52.1	44.3	39.1	33.9	26.0	23.4	18.2	13.0	7.8	5.2
-72.5°	52.1	46.9	41.7	36.5	31.2	28.6	23.4	18.2	10.4	7.8	5.2
-75°	49.5	44.3	39.1	36.5	33.9	28.6	23.4	15.6	10.4	7.8	5.2
-77.5°	49.5	44.3	41.7	39.1	33.9	28.6	20.8	13.0	7.8	7.8	5.2
-80°	49.5	46.9	44.3	36.5	31.2	23.4	15.6	13.0	7.8	5.2	2.6
-82.5°	44.3	36.5	31.2	26.0	23.4	18.2	13.0	10.4	5.2	5.2	2.6
-85°	28.6	23.4	20.8	18.2	15.6	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: P724220
 CATALOG NUMBER: IFLD-S-SA3C-827-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: P724220
CATALOG NUMBER: IFLD-S-SA3C-827-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)