

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: P724268

Luminaire Tested: **IFLD-L-SA8B-830-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724268
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-830-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (128) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

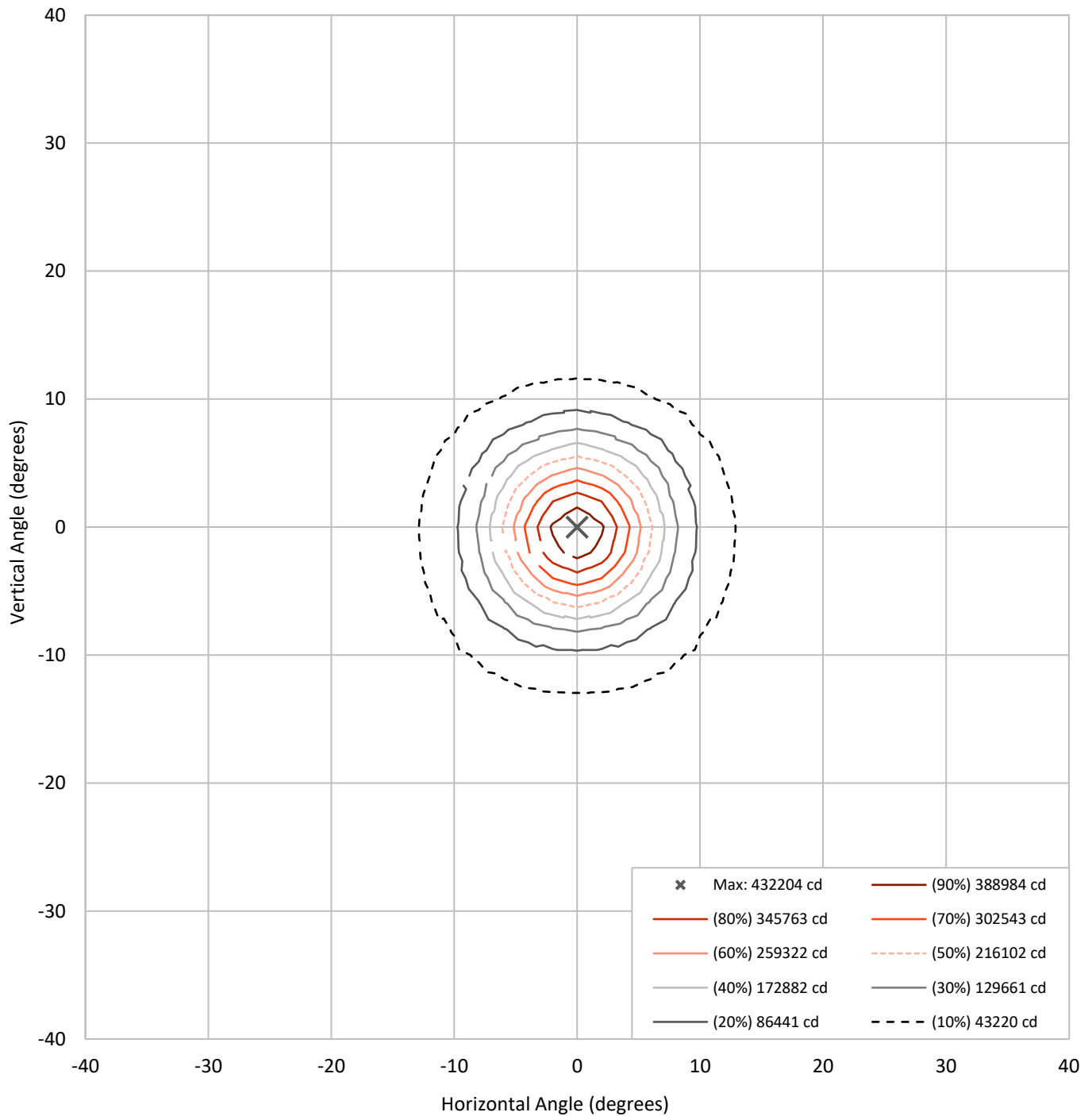
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	30189.6 lumens	Max Intensity:	432204 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	9444.7 lumens	Field Lumens:	21490.1 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 320
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



REPORT NUMBER: P724268
CATALOG NUMBER: IFLD-L-SA8B-830-U-22-VI

Iso-Candela Plot





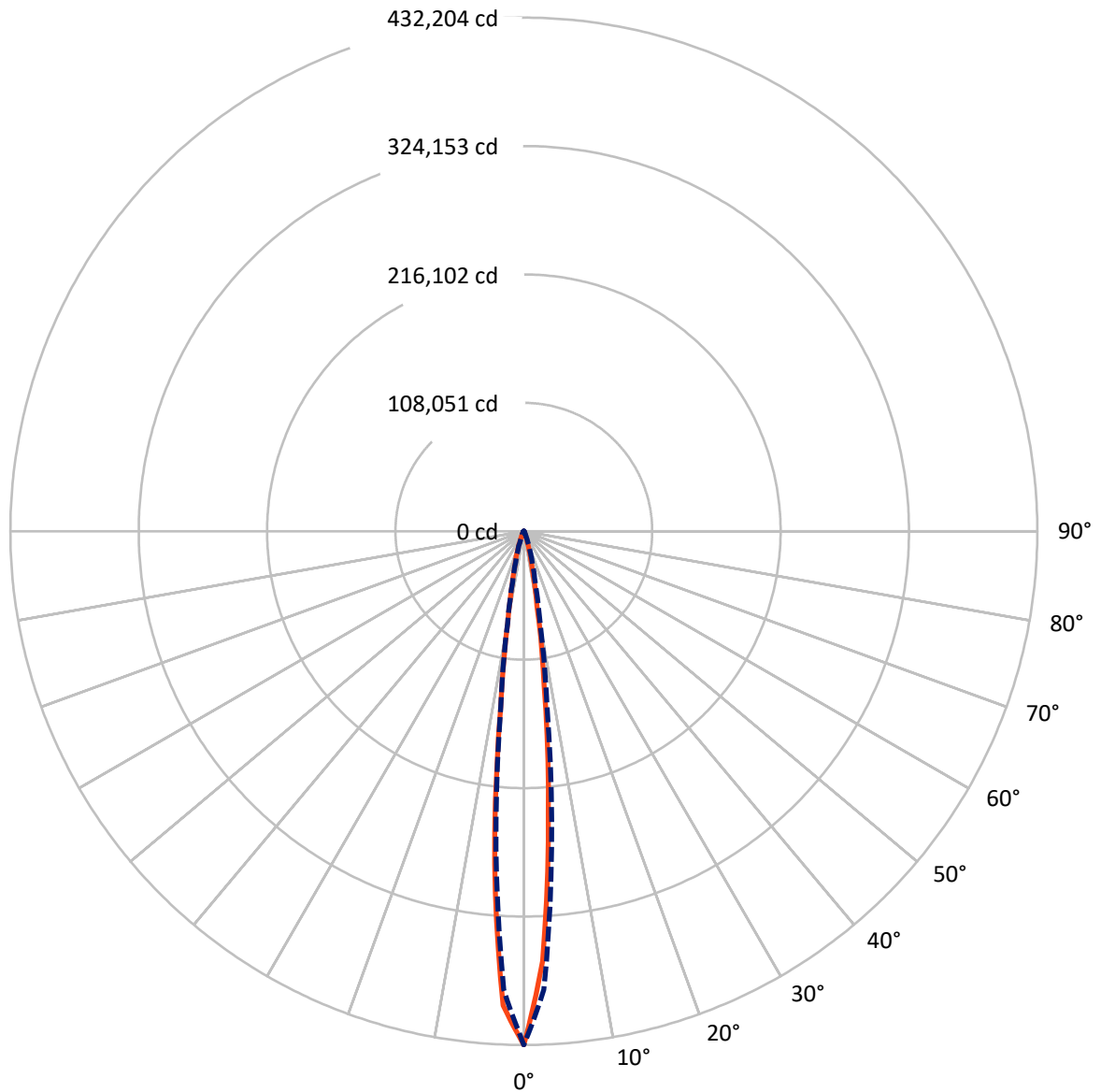
REPORT NUMBER: P724268
 CATALOG NUMBER: IFLD-L-SA8B-830-U-22-VI

Lumen Table

90	0.2	1.8	1.5	0.7	0.1	0.7	1.5	1.8	0.2										
80	0.2	1.8	1.5	0.7	0.1	0.7	1.5	1.8	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	1.6	2.3	2.9	3.3	3.3	2.9	2.3	1.6	0.8	0.3	0.2				
50	0.2	0.2	1.0	2.5	4.3	6.1	8.0	9.5	9.5	8.0	6.1	4.3	2.5	1.0	0.2	0.2			
40		0.5	2.1	4.6	7.7	12.1	18.4	21.9	21.9	18.4	12.1	7.7	4.6	2.1	0.5				
30	0.3	0.9	3.2	6.6	12.1	20.9	40.3	65.0	65.0	40.3	20.9	12.1	6.6	3.2	0.9	0.3			
20		1.3	4.3	9.1	18.4	45.5	237.9	601.7	601.7	237.9	45.5	18.4	9.1	4.3	1.3				
10	0.5	1.7	5.2	10.7	22.4	92.5	766.0	4720.6	4720.6	766.0	92.5	22.4	10.7	5.2	1.7	0.5			
0		1.9	5.6	11.3	23.4	105.4	842.9	5198.6	5198.6	842.9	105.4	23.4	11.3	5.6	1.9				
-10	0.6	2.1	5.9	11.2	21.9	63.2	378.3	911.7	911.7	378.3	63.2	21.9	11.2	5.9	2.1	0.6			
-20		2.1	5.8	10.6	18.6	32.2	78.2	146.9	146.9	78.2	32.2	18.6	10.6	5.8	2.1				
-30	0.6	1.9	5.3	9.9	15.4	22.8	32.3	37.9	37.9	32.3	22.8	15.4	9.9	5.3	1.9	0.6			
-40		1.6	4.6	8.8	13.4	17.7	22.5	24.9	24.9	22.5	17.7	13.4	8.8	4.6	1.6				
-50	0.5	1.3	3.7	7.5	11.8	15.5	19.0	20.8	20.8	19.0	15.5	11.8	7.5	3.7	1.3	0.5			
-60		1.0	2.7	5.5	9.0	12.4	15.6	17.3	17.3	15.6	12.4	9.0	5.5	2.7	1.0				
-70	0.3	4.1	11.3	20.9	25.2	20.9	11.3	4.1	0.3										
-80		0.3	4.1	11.3	20.9	25.2	20.9	11.3	4.1	0.3									
-90	0.3	4.1	11.3	20.9	25.2	20.9	11.3	4.1	0.3										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P724268
CATALOG NUMBER: IFLD-L-SA8B-830-U-22-VI

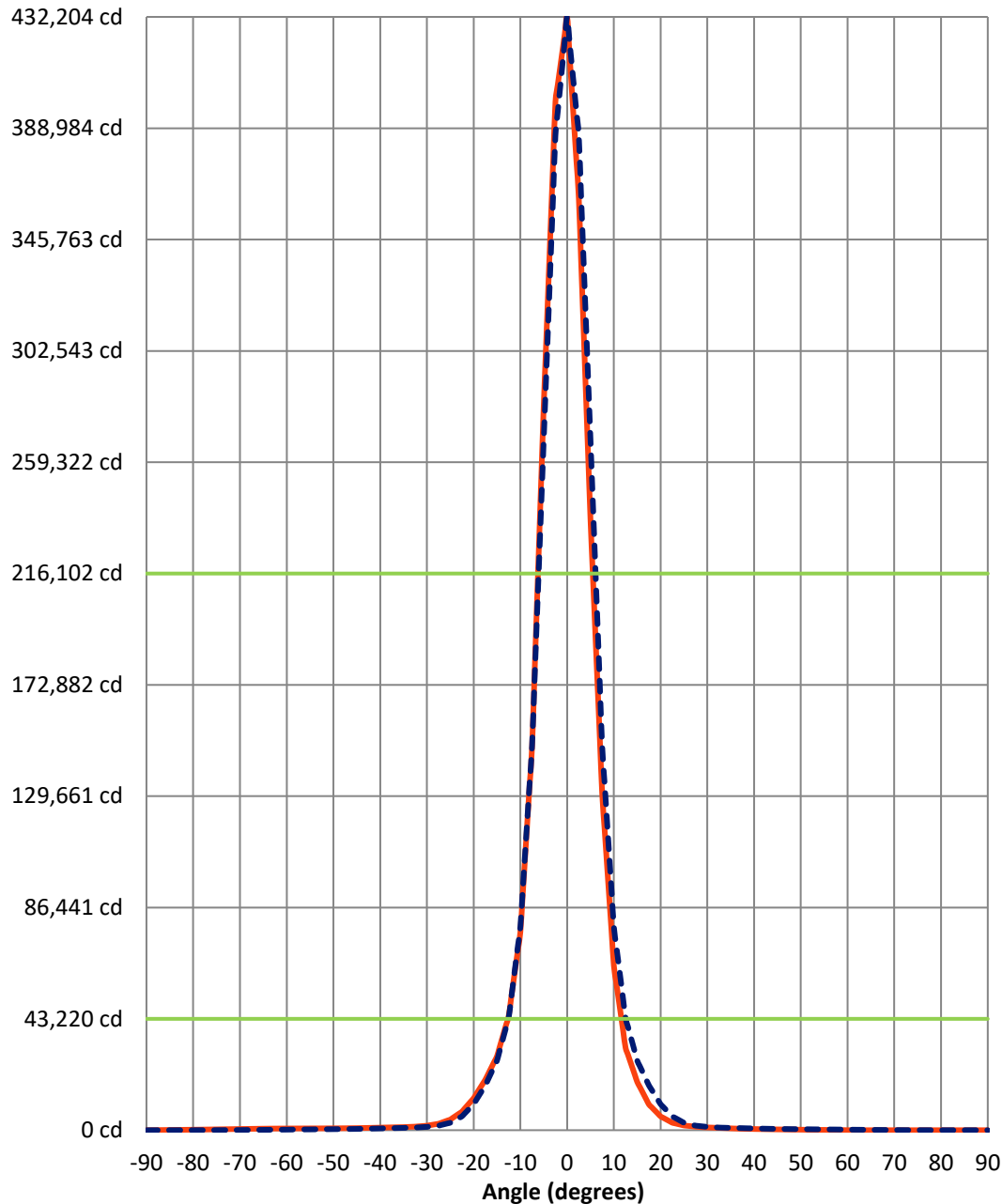
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P724268
CATALOG NUMBER: IFLD-L-SA8B-830-U-22-VI

Luminous Intensity Plot



Beam:
H Angle: 12.2°
V Angle: 11.7°
Lumens: 9444.7
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 21490.1
Efficiency: 71.2%

Spill:
Lumens: 8699.5
Efficiency: 28.8%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



REPORT NUMBER: P724268
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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	5.4	5.4
85°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	10.8	10.8
82.5°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	10.8	10.8	10.8
80°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	10.8	10.8	10.8
77.5°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	10.8
75°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4
72.5°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4
70°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4
67.5°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4
65°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4
62.5°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4
60°	10.8	10.8	10.8	10.8	16.2	16.2	21.6	21.6	21.6	10.8	21.6
57.5°	86.5	86.5	81.1	75.7	70.3	64.9	64.9	64.9	64.9	64.9	54.1
55°	119.0	119.0	119.0	113.6	113.6	108.2	102.8	97.4	97.4	91.9	86.5
52.5°	140.6	140.6	140.6	140.6	135.2	135.2	135.2	129.8	119.0	119.0	113.6
50°	200.1	194.7	194.7	194.7	194.7	183.9	178.5	167.7	162.3	156.8	151.4
47.5°	259.6	259.6	254.2	254.2	248.8	238.0	227.2	216.3	205.5	200.1	189.3
45°	308.3	308.3	302.9	302.9	297.5	286.7	270.4	254.2	243.4	232.6	221.8
42.5°	378.6	373.2	367.8	362.4	351.6	335.3	313.7	292.1	275.8	259.6	248.8
40°	454.3	454.3	448.9	443.5	427.3	411.1	384.0	357.0	329.9	297.5	281.2
37.5°	546.3	551.7	557.1	557.1	546.3	524.6	486.8	454.3	411.1	367.8	346.1
35°	713.9	713.9	724.7	724.7	708.5	681.5	654.4	584.1	530.0	476.0	427.3
32.5°	897.8	903.2	881.6	865.4	843.7	811.3	762.6	703.1	643.6	573.3	519.2
30°	1076.3	1076.3	1049.3	1016.8	973.5	919.5	860.0	795.1	724.7	654.4	589.5
27.5°	1357.6	1330.5	1308.9	1254.8	1179.1	1076.3	1000.6	897.8	805.9	724.7	654.4
25°	1822.7	1817.3	1768.6	1676.7	1525.2	1363.0	1238.6	1065.5	924.9	800.5	719.3
22.5°	2899.0	2861.1	2747.6	2520.4	2163.4	1882.2	1628.0	1357.6	1103.3	935.7	805.9
20°	5359.9	5235.5	4932.6	4305.2	3504.8	2953.1	2320.3	1866.0	1438.7	1125.0	930.3
17.5°	10000.4	9919.3	9805.7	8356.2	6728.3	5560.0	4137.6	2861.1	2044.4	1471.1	1103.3
15°	18746.1	18145.7	16891.0	15154.8	12877.8	9951.8	7317.8	4618.9	2920.6	1957.9	1400.8
12.5°	32045.8	31380.5	28140.8	23797.7	19703.4	15538.8	10909.1	7020.3	4159.2	2487.9	1660.4
10°	63853.5	59023.7	49953.5	37281.2	29098.1	21699.2	15317.1	9578.6	5414.0	3142.4	1968.7
7.5°	130784.5	115002.4	88619.4	62560.9	40493.9	28459.9	19562.8	12526.2	7215.0	3932.0	2250.0
5°	237041.2	209041.1	157486.6	94828.4	58801.9	35669.5	23213.6	14895.2	8540.1	4575.6	2531.2
2.5°	361946.7	325725.5	227684.4	130395.1	72507.2	41251.1	25766.4	16452.9	9383.9	5013.7	2747.6
0°	432204.0	386068.9	268135.1	149287.3	79035.4	43620.1	27015.8	17388.5	10097.8	5370.7	2888.2
-2.5°	399249.6	362108.9	246419.7	138675.6	75525.2	42581.6	27194.3	17621.1	10216.8	5468.1	2953.1
-5°	281391.5	250908.8	170505.1	102335.5	64080.7	39222.9	25658.2	16744.9	9886.9	5327.4	2926.0
-7.5°	148870.8	135079.0	101118.6	73534.9	46773.3	33197.8	23100.0	15192.7	9032.3	4948.8	2763.8
-10°	76915.2	74086.5	63842.7	48125.4	37849.1	27810.8	19714.2	12991.4	7550.4	4262.0	2487.9
-12.5°	44344.8	43863.5	40569.7	34825.8	29022.4	22845.8	16177.0	10595.4	6301.0	3531.8	2098.5
-15°	28714.1	28919.6	27773.0	25382.4	22077.8	17096.5	12428.9	7880.3	4662.2	2861.1	1849.7
-17.5°	19595.2	19541.2	19005.7	17366.9	14705.9	11547.3	8237.2	5565.4	3531.8	2228.3	1536.0
-20°	12396.4	12418.1	11920.5	10790.1	8832.2	7117.7	5127.3	3753.5	2504.2	1752.4	1357.6



REPORT NUMBER: P724268

CATALOG NUMBER: IFLD-L-SA8B-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	7193.4	7209.6	6895.9	6257.7	5230.1	4218.7	3331.7	2482.5	1844.3	1460.3	1189.9
-25°	4132.1	4067.2	3942.8	3634.6	3153.2	2601.5	2212.1	1747.0	1476.5	1238.6	1087.1
-27.5°	2504.2	2460.9	2396.0	2260.8	2071.5	1795.6	1617.2	1411.6	1254.8	1114.2	1022.2
-30°	1747.0	1763.2	1709.1	1638.8	1552.3	1427.9	1330.5	1233.2	1130.4	1043.9	957.3
-32.5°	1390.0	1400.8	1373.8	1346.7	1303.5	1254.8	1195.3	1125.0	1043.9	962.7	881.6
-35°	1195.3	1200.7	1200.7	1195.3	1184.5	1146.6	1103.3	1038.4	962.7	887.0	816.7
-37.5°	1097.9	1103.3	1103.3	1097.9	1081.7	1049.3	1006.0	951.9	881.6	811.3	757.2
-40°	995.2	1000.6	995.2	984.4	968.1	935.7	903.2	860.0	805.9	746.4	697.7
-42.5°	897.8	892.4	887.0	876.2	860.0	838.3	811.3	778.8	741.0	697.7	659.8
-45°	805.9	805.9	800.5	795.1	784.2	768.0	751.8	724.7	697.7	665.3	632.8
-47.5°	757.2	757.2	751.8	746.4	741.0	730.2	713.9	692.3	670.7	643.6	616.6
-50°	724.7	724.7	724.7	719.3	713.9	703.1	686.9	670.7	649.0	622.0	594.9
-52.5°	703.1	703.1	703.1	697.7	692.3	686.9	670.7	649.0	622.0	600.4	578.7
-55°	692.3	686.9	686.9	681.5	676.1	670.7	649.0	627.4	605.8	584.1	562.5
-57.5°	676.1	670.7	670.7	665.3	659.8	654.4	632.8	611.2	589.5	562.5	546.3
-60°	659.8	654.4	654.4	643.6	638.2	632.8	611.2	589.5	567.9	546.3	524.6
-62.5°	638.2	632.8	627.4	622.0	611.2	600.4	584.1	562.5	535.4	513.8	492.2
-65°	589.5	584.1	578.7	573.3	567.9	562.5	546.3	519.2	497.6	476.0	454.3
-67.5°	530.0	530.0	530.0	519.2	513.8	503.0	492.2	470.5	448.9	427.3	411.1
-70°	459.7	459.7	459.7	448.9	443.5	438.1	421.9	405.6	389.4	373.2	351.6
-72.5°	389.4	384.0	384.0	378.6	367.8	362.4	351.6	340.7	324.5	313.7	297.5
-75°	319.1	313.7	313.7	308.3	302.9	297.5	286.7	281.2	270.4	259.6	243.4
-77.5°	254.2	254.2	254.2	248.8	243.4	238.0	232.6	227.2	221.8	210.9	200.1
-80°	194.7	194.7	194.7	194.7	194.7	194.7	194.7	189.3	178.5	173.1	167.7
-82.5°	140.6	146.0	146.0	146.0	146.0	146.0	146.0	146.0	140.6	135.2	129.8
-85°	91.9	97.4	97.4	102.8	108.2	108.2	113.6	108.2	102.8	91.9	86.5
-87.5°	48.7	48.7	48.7	48.7	48.7	48.7	48.7	43.3	43.3	43.3	37.9
-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: P724268
 CATALOG NUMBER: IFLD-L-SA8B-830-U-22-VI

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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	10.8	10.8	10.8
85°	10.8	10.8	10.8	10.8	16.2	16.2	16.2	21.6	21.6	21.6	21.6
82.5°	10.8	16.2	16.2	16.2	21.6	21.6	27.0	32.5	43.3	48.7	48.7
80°	10.8	16.2	16.2	16.2	21.6	21.6	27.0	27.0	32.5	37.9	48.7
77.5°	10.8	10.8	16.2	16.2	16.2	21.6	21.6	27.0	27.0	32.5	37.9
75°	5.4	10.8	10.8	10.8	16.2	16.2	21.6	21.6	27.0	27.0	32.5
72.5°	5.4	10.8	10.8	10.8	16.2	16.2	21.6	21.6	21.6	27.0	27.0
70°	5.4	10.8	10.8	10.8	10.8	16.2	16.2	16.2	21.6	21.6	21.6
67.5°	5.4	5.4	5.4	10.8	10.8	10.8	10.8	16.2	16.2	16.2	21.6
65°	5.4	5.4	5.4	5.4	10.8	10.8	10.8	10.8	16.2	16.2	16.2
62.5°	5.4	5.4	5.4	10.8	10.8	10.8	10.8	10.8	16.2	16.2	16.2
60°	21.6	21.6	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
57.5°	48.7	48.7	43.3	37.9	32.5	32.5	27.0	21.6	21.6	16.2	16.2
55°	81.1	75.7	70.3	59.5	54.1	48.7	43.3	32.5	27.0	21.6	16.2
52.5°	102.8	97.4	91.9	86.5	75.7	64.9	59.5	54.1	43.3	32.5	27.0
50°	151.4	135.2	124.4	113.6	102.8	91.9	81.1	75.7	59.5	48.7	37.9
47.5°	183.9	173.1	156.8	146.0	135.2	119.0	102.8	91.9	81.1	64.9	48.7
45°	210.9	200.1	183.9	173.1	162.3	146.0	129.8	113.6	102.8	86.5	64.9
42.5°	238.0	227.2	210.9	200.1	183.9	167.7	151.4	135.2	119.0	108.2	86.5
40°	275.8	259.6	238.0	227.2	216.3	194.7	173.1	156.8	140.6	124.4	102.8
37.5°	324.5	308.3	281.2	259.6	243.4	227.2	205.5	183.9	167.7	146.0	124.4
35°	400.2	373.2	335.3	302.9	281.2	259.6	232.6	210.9	189.3	167.7	146.0
32.5°	476.0	432.7	384.0	346.1	313.7	286.7	259.6	238.0	210.9	183.9	162.3
30°	535.4	486.8	438.1	384.0	346.1	313.7	286.7	259.6	232.6	205.5	178.5
27.5°	594.9	540.9	486.8	432.7	378.6	335.3	308.3	281.2	254.2	227.2	194.7
25°	654.4	594.9	540.9	481.4	416.5	367.8	329.9	308.3	281.2	248.8	210.9
22.5°	708.5	654.4	600.4	535.4	459.7	394.8	357.0	329.9	302.9	265.0	232.6
20°	811.3	741.0	676.1	594.9	508.4	443.5	394.8	357.0	324.5	286.7	248.8
17.5°	946.5	843.7	757.2	665.3	578.7	497.6	427.3	384.0	351.6	308.3	265.0
15°	1119.6	941.1	832.9	741.0	638.2	546.3	470.5	411.1	367.8	324.5	286.7
12.5°	1249.4	1016.8	897.8	811.3	703.1	600.4	503.0	432.7	384.0	340.7	297.5
10°	1395.4	1097.9	951.9	854.6	741.0	627.4	524.6	448.9	394.8	357.0	313.7
7.5°	1514.4	1162.8	979.0	870.8	762.6	649.0	546.3	465.1	411.1	367.8	324.5
5°	1622.6	1216.9	1000.6	876.2	773.4	665.3	557.1	476.0	421.9	378.6	335.3
2.5°	1698.3	1265.6	1022.2	887.0	784.2	676.1	573.3	486.8	432.7	389.4	346.1
0°	1763.2	1281.8	1016.8	887.0	789.7	676.1	578.7	492.2	438.1	394.8	351.6
-2.5°	1784.8	1308.9	1043.9	897.8	800.5	686.9	589.5	497.6	443.5	400.2	362.4
-5°	1784.8	1287.2	1043.9	908.6	805.9	692.3	589.5	503.0	448.9	405.6	362.4
-7.5°	1719.9	1254.8	1038.4	919.5	811.3	697.7	589.5	508.4	454.3	411.1	367.8
-10°	1606.3	1206.1	1033.0	924.9	811.3	692.3	589.5	508.4	454.3	411.1	373.2
-12.5°	1422.5	1141.2	1006.0	914.0	800.5	681.5	584.1	508.4	454.3	416.5	373.2
-15°	1330.5	1087.1	973.5	881.6	773.4	665.3	573.3	503.0	454.3	416.5	378.6
-17.5°	1206.1	1043.9	941.1	849.1	751.8	649.0	562.5	503.0	454.3	411.1	378.6
-20°	1119.6	995.2	903.2	822.1	724.7	632.8	557.1	497.6	454.3	411.1	378.6



REPORT NUMBER: P724268
 CATALOG NUMBER: IFLD-L-SA8B-830-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°	1043.9	941.1	860.0	778.8	692.3	611.2	546.3	492.2	448.9	411.1	378.6
-25°	984.4	892.4	816.7	741.0	665.3	594.9	535.4	486.8	443.5	411.1	373.2
-27.5°	930.3	843.7	773.4	703.1	632.8	578.7	524.6	481.4	443.5	405.6	367.8
-30°	870.8	800.5	730.2	665.3	616.6	562.5	513.8	470.5	438.1	400.2	362.4
-32.5°	811.3	746.4	686.9	638.2	594.9	551.7	508.4	465.1	427.3	389.4	351.6
-35°	757.2	697.7	654.4	611.2	578.7	540.9	497.6	454.3	421.9	384.0	351.6
-37.5°	703.1	659.8	622.0	589.5	557.1	524.6	481.4	443.5	411.1	373.2	335.3
-40°	659.8	627.4	600.4	573.3	540.9	503.0	470.5	432.7	400.2	362.4	319.1
-42.5°	632.8	605.8	578.7	551.7	524.6	492.2	459.7	421.9	389.4	351.6	308.3
-45°	605.8	584.1	562.5	540.9	513.8	481.4	443.5	405.6	373.2	335.3	302.9
-47.5°	589.5	567.9	546.3	530.0	508.4	465.1	432.7	394.8	357.0	324.5	286.7
-50°	573.3	551.7	535.4	513.8	486.8	448.9	416.5	378.6	346.1	308.3	275.8
-52.5°	557.1	535.4	513.8	492.2	465.1	432.7	400.2	367.8	329.9	292.1	259.6
-55°	540.9	519.2	497.6	476.0	448.9	421.9	389.4	346.1	308.3	270.4	238.0
-57.5°	524.6	508.4	481.4	454.3	427.3	400.2	362.4	324.5	286.7	248.8	221.8
-60°	503.0	481.4	459.7	427.3	400.2	367.8	335.3	302.9	265.0	232.6	205.5
-62.5°	470.5	448.9	427.3	394.8	367.8	340.7	313.7	275.8	248.8	216.3	189.3
-65°	432.7	411.1	389.4	362.4	335.3	308.3	286.7	254.2	227.2	200.1	178.5
-67.5°	389.4	367.8	351.6	324.5	302.9	275.8	254.2	227.2	200.1	178.5	156.8
-70°	335.3	319.1	302.9	281.2	259.6	238.0	216.3	194.7	173.1	156.8	135.2
-72.5°	286.7	270.4	254.2	238.0	221.8	200.1	183.9	167.7	151.4	135.2	124.4
-75°	232.6	221.8	210.9	200.1	183.9	167.7	156.8	140.6	129.8	119.0	113.6
-77.5°	194.7	183.9	173.1	162.3	151.4	140.6	129.8	119.0	113.6	108.2	102.8
-80°	156.8	151.4	146.0	135.2	129.8	119.0	113.6	102.8	102.8	102.8	102.8
-82.5°	124.4	119.0	113.6	108.2	102.8	97.4	97.4	91.9	97.4	97.4	91.9
-85°	86.5	81.1	75.7	75.7	70.3	70.3	64.9	64.9	64.9	59.5	59.5
-87.5°	37.9	37.9	37.9	37.9	32.5	32.5	32.5	32.5	32.5	27.0	27.0
-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: P724268
 CATALOG NUMBER: IFLD-L-SA8B-830-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°	10.8	10.8	5.4	5.4	5.4	5.4	5.4	5.4	5.4	0.0	0.0
85°	21.6	21.6	16.2	16.2	16.2	10.8	10.8	5.4	5.4	5.4	5.4
82.5°	48.7	43.3	37.9	32.5	27.0	21.6	16.2	10.8	10.8	5.4	5.4
80°	59.5	59.5	59.5	54.1	43.3	32.5	21.6	16.2	10.8	5.4	5.4
77.5°	43.3	43.3	48.7	54.1	54.1	43.3	27.0	16.2	10.8	10.8	5.4
75°	32.5	32.5	32.5	37.9	43.3	43.3	32.5	21.6	10.8	10.8	5.4
72.5°	32.5	32.5	32.5	32.5	32.5	32.5	32.5	21.6	16.2	10.8	10.8
70°	27.0	27.0	27.0	27.0	27.0	27.0	27.0	21.6	16.2	10.8	10.8
67.5°	21.6	21.6	27.0	27.0	27.0	21.6	21.6	21.6	16.2	10.8	10.8
65°	16.2	21.6	21.6	27.0	21.6	21.6	21.6	16.2	16.2	10.8	10.8
62.5°	16.2	16.2	21.6	21.6	21.6	21.6	16.2	16.2	16.2	10.8	10.8
60°	16.2	16.2	16.2	21.6	16.2	16.2	16.2	16.2	16.2	10.8	10.8
57.5°	16.2	16.2	16.2	16.2	16.2	16.2	16.2	10.8	10.8	10.8	10.8
55°	16.2	16.2	16.2	16.2	16.2	16.2	10.8	10.8	10.8	10.8	10.8
52.5°	21.6	16.2	16.2	16.2	16.2	16.2	10.8	10.8	10.8	10.8	10.8
50°	27.0	16.2	16.2	16.2	16.2	10.8	10.8	10.8	10.8	10.8	10.8
47.5°	37.9	27.0	21.6	16.2	16.2	10.8	10.8	10.8	10.8	10.8	5.4
45°	54.1	37.9	27.0	21.6	16.2	10.8	10.8	10.8	10.8	10.8	5.4
42.5°	64.9	48.7	32.5	27.0	21.6	16.2	10.8	10.8	10.8	5.4	5.4
40°	81.1	64.9	43.3	32.5	21.6	16.2	10.8	10.8	10.8	5.4	5.4
37.5°	102.8	81.1	54.1	37.9	27.0	16.2	16.2	10.8	10.8	5.4	5.4
35°	119.0	91.9	70.3	43.3	32.5	21.6	16.2	10.8	10.8	5.4	5.4
32.5°	135.2	108.2	86.5	54.1	37.9	27.0	21.6	10.8	10.8	5.4	5.4
30°	151.4	124.4	97.4	70.3	48.7	32.5	21.6	10.8	10.8	5.4	5.4
27.5°	167.7	135.2	108.2	81.1	54.1	37.9	27.0	16.2	10.8	5.4	5.4
25°	183.9	151.4	119.0	91.9	59.5	43.3	27.0	16.2	10.8	10.8	5.4
22.5°	194.7	167.7	135.2	102.8	70.3	48.7	32.5	21.6	10.8	10.8	5.4
20°	210.9	183.9	146.0	113.6	81.1	54.1	32.5	21.6	10.8	10.8	5.4
17.5°	227.2	194.7	156.8	124.4	91.9	59.5	37.9	27.0	10.8	10.8	5.4
15°	243.4	205.5	167.7	129.8	97.4	64.9	37.9	27.0	10.8	10.8	5.4
12.5°	259.6	221.8	178.5	140.6	102.8	70.3	43.3	32.5	16.2	10.8	5.4
10°	270.4	232.6	189.3	146.0	108.2	81.1	48.7	32.5	16.2	10.8	5.4
7.5°	286.7	243.4	200.1	156.8	113.6	86.5	54.1	32.5	16.2	10.8	5.4
5°	292.1	254.2	205.5	167.7	119.0	91.9	59.5	37.9	16.2	10.8	5.4
2.5°	297.5	265.0	210.9	173.1	124.4	91.9	59.5	37.9	21.6	10.8	5.4
0°	302.9	270.4	216.3	178.5	129.8	97.4	64.9	37.9	21.6	10.8	5.4
-2.5°	308.3	275.8	227.2	183.9	135.2	102.8	70.3	37.9	21.6	10.8	5.4
-5°	313.7	275.8	238.0	189.3	140.6	102.8	70.3	43.3	27.0	10.8	5.4
-7.5°	319.1	281.2	243.4	194.7	146.0	102.8	75.7	43.3	27.0	16.2	5.4
-10°	324.5	286.7	248.8	200.1	146.0	108.2	75.7	43.3	27.0	16.2	5.4
-12.5°	329.9	292.1	248.8	200.1	151.4	108.2	75.7	48.7	27.0	16.2	5.4
-15°	335.3	292.1	248.8	200.1	151.4	113.6	81.1	48.7	27.0	16.2	10.8
-17.5°	335.3	292.1	248.8	205.5	151.4	113.6	81.1	48.7	27.0	16.2	10.8
-20°	335.3	292.1	248.8	205.5	151.4	113.6	81.1	48.7	27.0	16.2	10.8



REPORT NUMBER: P724268
 CATALOG NUMBER: IFLD-L-SA8B-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	329.9	286.7	248.8	200.1	151.4	113.6	81.1	48.7	32.5	16.2	10.8
-25°	329.9	286.7	248.8	200.1	151.4	113.6	75.7	48.7	32.5	16.2	10.8
-27.5°	324.5	286.7	243.4	194.7	146.0	108.2	75.7	48.7	32.5	16.2	10.8
-30°	319.1	281.2	238.0	189.3	146.0	108.2	75.7	48.7	32.5	16.2	10.8
-32.5°	313.7	270.4	232.6	183.9	140.6	102.8	75.7	48.7	32.5	16.2	10.8
-35°	302.9	265.0	221.8	178.5	135.2	102.8	70.3	48.7	32.5	21.6	10.8
-37.5°	292.1	254.2	216.3	173.1	129.8	97.4	70.3	48.7	32.5	21.6	10.8
-40°	281.2	248.8	205.5	162.3	124.4	91.9	70.3	48.7	32.5	21.6	16.2
-42.5°	270.4	238.0	200.1	156.8	124.4	91.9	64.9	48.7	32.5	21.6	16.2
-45°	265.0	232.6	189.3	151.4	119.0	91.9	64.9	43.3	32.5	21.6	16.2
-47.5°	254.2	216.3	178.5	146.0	113.6	86.5	59.5	43.3	32.5	21.6	16.2
-50°	238.0	205.5	173.1	140.6	108.2	81.1	59.5	43.3	32.5	21.6	16.2
-52.5°	221.8	189.3	162.3	129.8	102.8	81.1	59.5	43.3	32.5	21.6	16.2
-55°	205.5	178.5	151.4	124.4	97.4	75.7	54.1	43.3	32.5	21.6	16.2
-57.5°	194.7	167.7	140.6	113.6	91.9	70.3	54.1	37.9	27.0	21.6	16.2
-60°	183.9	156.8	129.8	108.2	86.5	70.3	54.1	37.9	27.0	21.6	10.8
-62.5°	167.7	146.0	119.0	102.8	81.1	64.9	48.7	37.9	27.0	21.6	10.8
-65°	151.4	129.8	108.2	91.9	75.7	59.5	48.7	37.9	27.0	21.6	10.8
-67.5°	135.2	119.0	102.8	86.5	70.3	59.5	48.7	37.9	27.0	16.2	10.8
-70°	124.4	108.2	91.9	81.1	70.3	54.1	48.7	37.9	27.0	16.2	10.8
-72.5°	108.2	97.4	86.5	75.7	64.9	59.5	48.7	37.9	21.6	16.2	10.8
-75°	102.8	91.9	81.1	75.7	70.3	59.5	48.7	32.5	21.6	16.2	10.8
-77.5°	102.8	91.9	86.5	81.1	70.3	59.5	43.3	27.0	16.2	16.2	10.8
-80°	102.8	97.4	91.9	75.7	64.9	48.7	32.5	27.0	16.2	10.8	5.4
-82.5°	91.9	75.7	64.9	54.1	48.7	37.9	27.0	21.6	10.8	10.8	5.4
-85°	59.5	48.7	43.3	37.9	32.5	27.0	16.2	10.8	10.8	5.4	5.4
-87.5°	27.0	27.0	21.6	16.2	16.2	10.8	10.8	5.4	5.4	5.4	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: P724268

CATALOG NUMBER: IFLD-L-SA8B-830-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°	5.4	0.0	0.0	0.0
77.5°	5.4	0.0	0.0	0.0
75°	5.4	5.4	0.0	0.0
72.5°	5.4	5.4	0.0	0.0
70°	5.4	5.4	0.0	0.0
67.5°	5.4	5.4	0.0	0.0
65°	5.4	5.4	0.0	0.0
62.5°	5.4	5.4	0.0	0.0
60°	5.4	5.4	0.0	0.0
57.5°	5.4	5.4	5.4	0.0
55°	5.4	5.4	5.4	0.0
52.5°	5.4	5.4	5.4	0.0
50°	5.4	5.4	5.4	0.0
47.5°	5.4	5.4	5.4	0.0
45°	5.4	5.4	5.4	0.0
42.5°	5.4	5.4	5.4	0.0
40°	5.4	5.4	5.4	0.0
37.5°	5.4	5.4	5.4	0.0
35°	5.4	5.4	5.4	0.0
32.5°	5.4	5.4	5.4	0.0
30°	5.4	5.4	5.4	0.0
27.5°	5.4	5.4	5.4	0.0
25°	5.4	5.4	5.4	0.0
22.5°	5.4	5.4	5.4	0.0
20°	5.4	5.4	5.4	0.0
17.5°	5.4	5.4	5.4	0.0
15°	5.4	5.4	5.4	0.0
12.5°	5.4	5.4	5.4	0.0
10°	5.4	5.4	5.4	0.0
7.5°	5.4	5.4	5.4	0.0
5°	5.4	5.4	5.4	0.0
2.5°	5.4	5.4	5.4	0.0
0°	5.4	5.4	5.4	0.0
-2.5°	5.4	5.4	5.4	0.0
-5°	5.4	5.4	5.4	0.0
-7.5°	5.4	5.4	5.4	0.0
-10°	5.4	5.4	5.4	0.0
-12.5°	5.4	5.4	5.4	0.0
-15°	5.4	5.4	5.4	0.0
-17.5°	5.4	5.4	5.4	0.0
-20°	5.4	5.4	5.4	0.0



REPORT NUMBER: P724268

CATALOG NUMBER: IFLD-L-SA8B-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	5.4	5.4	5.4	0.0
-25°	5.4	5.4	5.4	0.0
-27.5°	5.4	5.4	5.4	0.0
-30°	5.4	5.4	5.4	0.0
-32.5°	5.4	5.4	5.4	0.0
-35°	5.4	5.4	5.4	0.0
-37.5°	5.4	5.4	5.4	0.0
-40°	5.4	5.4	5.4	0.0
-42.5°	5.4	5.4	5.4	0.0
-45°	5.4	5.4	5.4	0.0
-47.5°	5.4	5.4	5.4	0.0
-50°	5.4	5.4	5.4	0.0
-52.5°	5.4	5.4	5.4	0.0
-55°	5.4	5.4	5.4	0.0
-57.5°	5.4	5.4	5.4	0.0
-60°	5.4	5.4	0.0	0.0
-62.5°	5.4	5.4	0.0	0.0
-65°	5.4	5.4	0.0	0.0
-67.5°	5.4	5.4	0.0	0.0
-70°	5.4	5.4	0.0	0.0
-72.5°	5.4	5.4	0.0	0.0
-75°	5.4	5.4	0.0	0.0
-77.5°	5.4	0.0	0.0	0.0
-80°	5.4	0.0	0.0	0.0
-82.5°	5.4	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)