

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: P724269

Luminaire Tested: **IFLD-L-SA8C-830-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724269
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-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

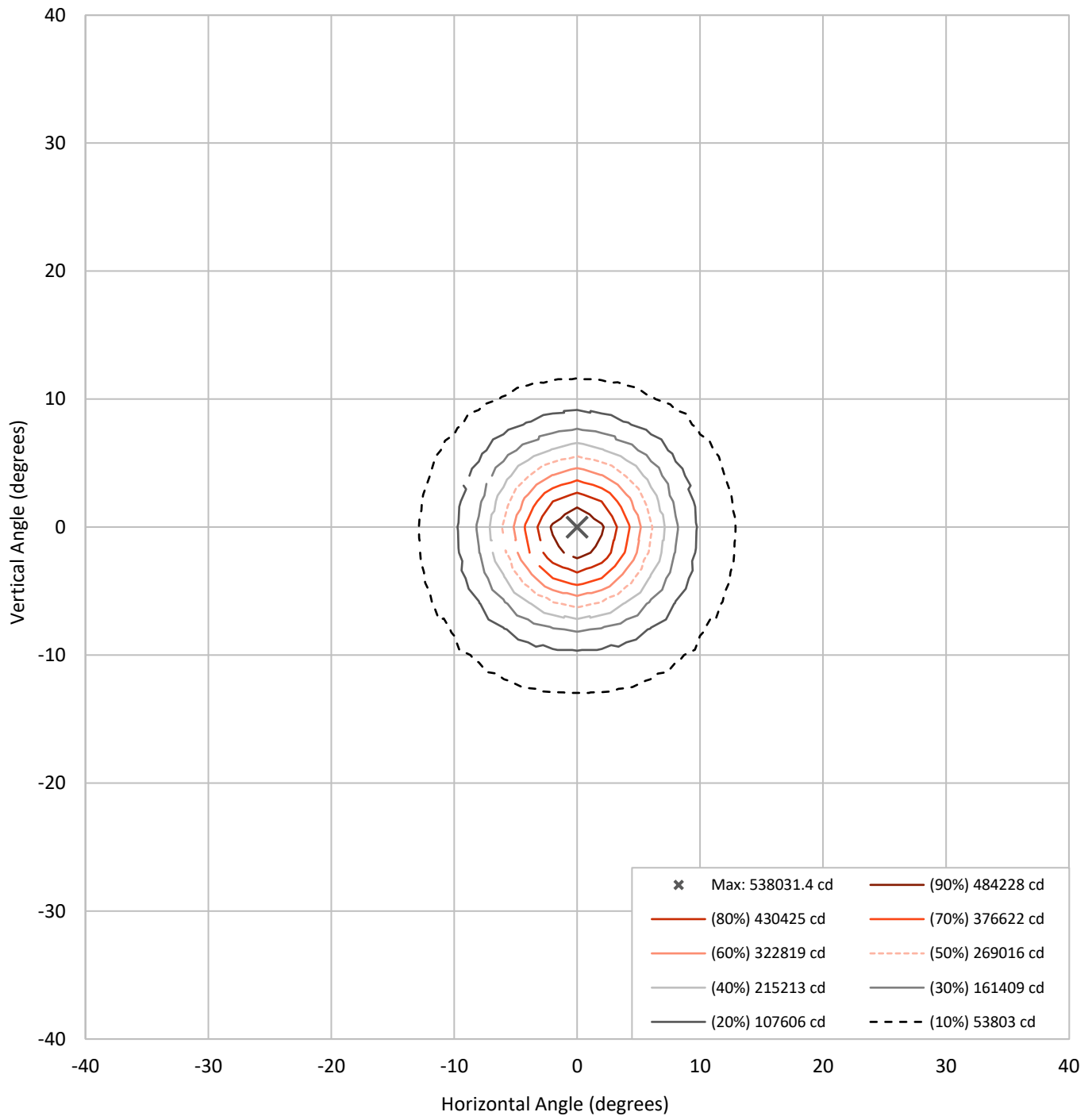
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	37581.7 lumens	Max Intensity:	538031.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	11757.3 lumens	Field Lumens:	26752.1 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 420.3
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: P724269
CATALOG NUMBER: IFLD-L-SA8C-830-U-22-VI

Iso-Candela Plot





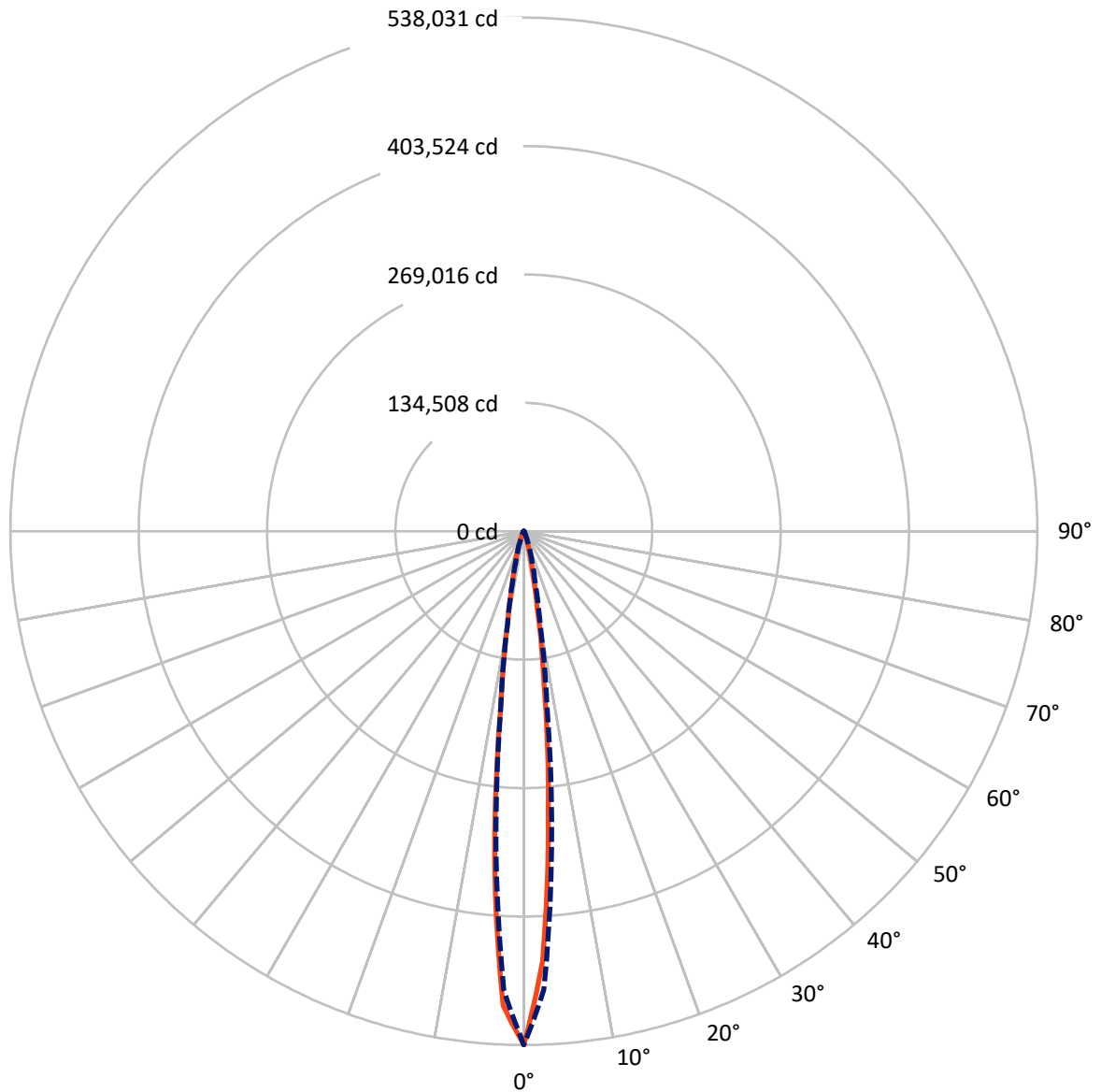
REPORT NUMBER: P724269
 CATALOG NUMBER: IFLD-L-SA8C-830-U-22-VI

Lumen Table

90	0.2	2.2		1.9		0.9		0.1		0.9		1.9		2.2		0.2			
80	0.2	2.2		1.9		0.9		0.1		0.9		1.9		2.2		0.2			
70	0.3	0.4	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.3	0.2	0.3	0.4	0.4	0.4	0.3			
60		0.3	0.4	1.0	1.9	2.9	3.7	4.2	4.2	3.7	2.9	1.9	1.0	0.4	0.3				
50	0.2	0.3	1.2	3.1	5.3	7.6	10.0	11.8	11.8	10.0	7.6	5.3	3.1	1.2	0.3	0.2			
40		0.6	2.6	5.7	9.6	15.1	22.8	27.3	27.3	22.8	15.1	9.6	5.7	2.6	0.6				
30	0.4	1.1	4.0	8.3	15.1	26.0	50.1	80.9	80.9	50.1	26.0	15.1	8.3	4.0	1.1	0.4			
20		1.6	5.4	11.3	22.9	56.7	296.1	749.1	749.1	296.1	56.7	22.9	11.3	5.4	1.6				
10	0.6	2.1	6.4	13.3	27.9	115.1	953.6	5876.4	5876.4	953.6	115.1	27.9	13.3	6.4	2.1	0.6			
0		2.4	7.0	14.1	29.1	131.2	1049.3	6471.5	6471.5	1049.3	131.2	29.1	14.1	7.0	2.4				
-10	0.8	2.6	7.3	14.0	27.3	78.6	471.0	1135.0	1135.0	471.0	78.6	27.3	14.0	7.3	2.6	0.8			
-20		2.6	7.2	13.3	23.1	40.1	97.3	182.9	182.9	97.3	40.1	23.1	13.3	7.2	2.6				
-30	0.8	2.3	6.7	12.3	19.2	28.4	40.2	47.2	47.2	40.2	28.4	19.2	12.3	6.7	2.3	0.8			
-40		2.0	5.8	11.0	16.7	22.1	28.0	31.0	31.0	28.0	22.1	16.7	11.0	5.8	2.0				
-50	0.7	1.6	4.6	9.3	14.6	19.3	23.7	25.8	25.8	23.7	19.3	14.6	9.3	4.6	1.6	0.7			
-60		1.3	3.4	6.8	11.2	15.4	19.4	21.5	21.5	19.4	15.4	11.2	6.8	3.4	1.3				
-70	0.4	1.6	4.6	9.3	14.6	19.3	23.7	25.8	25.8	23.7	19.3	14.6	9.3	4.6	1.6	0.4			
-80		1.3	3.4	6.8	11.2	15.4	19.4	21.5	21.5	19.4	15.4	11.2	6.8	3.4	1.3				
-90	0.4	5.1		14.1		26.0		31.3		26.0		14.1		5.1		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P724269
CATALOG NUMBER: IFLD-L-SA8C-830-U-22-VI

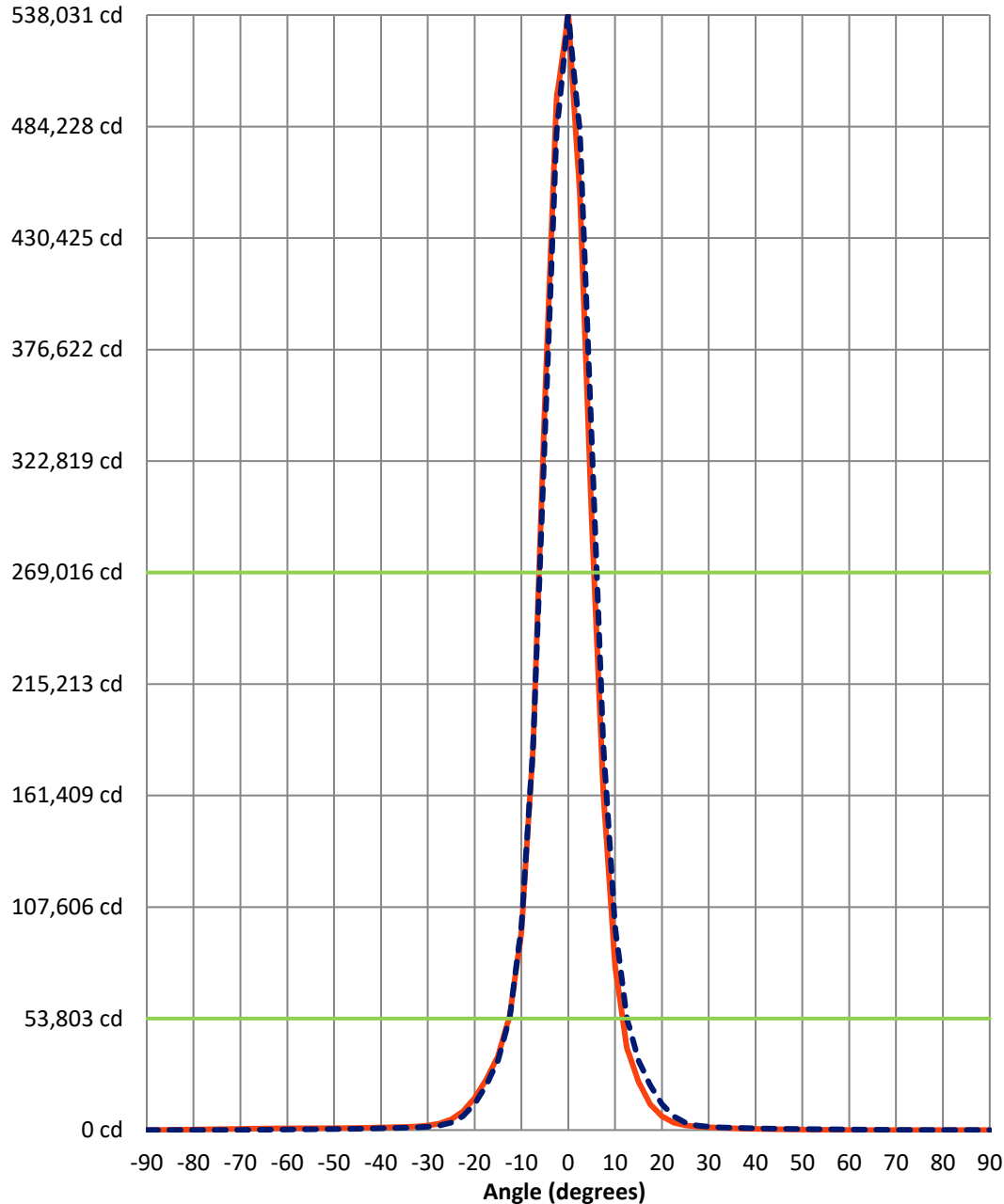
Luminous Intensity Polar Plot



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

REPORT NUMBER: P724269
 CATALOG NUMBER: IFLD-L-SA8C-830-U-22-VI

Luminous Intensity Plot



Beam:
 H Angle: 12.2°
 V Angle: 11.7°
 Lumens: 11757.3
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 26752.1
 Efficiency: 71.2%

Spill:
 Lumens: 10829.7
 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	6.7	6.7
85°	0.0	0.0	0.0	0.0	6.7	6.7	6.7	6.7	6.7	13.5	13.5
82.5°	0.0	0.0	0.0	0.0	6.7	6.7	6.7	6.7	13.5	13.5	13.5
80°	0.0	0.0	0.0	0.0	6.7	6.7	6.7	6.7	13.5	13.5	13.5
77.5°	0.0	0.0	0.0	0.0	6.7	6.7	6.7	6.7	6.7	6.7	13.5
75°	0.0	0.0	0.0	0.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7
72.5°	0.0	0.0	0.0	0.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7
70°	0.0	0.0	0.0	0.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7
67.5°	0.0	0.0	0.0	0.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7
65°	0.0	0.0	0.0	0.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7
62.5°	0.0	0.0	0.0	0.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7
60°	13.5	13.5	13.5	13.5	20.2	20.2	26.9	26.9	26.9	13.5	26.9
57.5°	107.7	107.7	101.0	94.3	87.5	80.8	80.8	80.8	80.8	80.8	67.3
55°	148.1	148.1	148.1	141.4	141.4	134.7	127.9	121.2	121.2	114.5	107.7
52.5°	175.1	175.1	175.1	175.1	168.3	168.3	168.3	161.6	148.1	148.1	141.4
50°	249.1	242.4	242.4	242.4	242.4	228.9	222.2	208.7	202.0	195.3	188.5
47.5°	323.2	323.2	316.4	316.4	309.7	296.2	282.8	269.3	255.8	249.1	235.7
45°	383.8	383.8	377.0	377.0	370.3	356.8	336.6	316.4	303.0	289.5	276.0
42.5°	471.3	464.6	457.8	451.1	437.6	417.4	390.5	363.6	343.4	323.2	309.7
40°	565.6	565.6	558.8	552.1	531.9	511.7	478.0	444.4	410.7	370.3	350.1
37.5°	680.0	686.8	693.5	693.5	680.0	653.1	606.0	565.6	511.7	457.8	430.9
35°	888.7	888.7	902.2	902.2	882.0	848.3	814.7	727.2	659.8	592.5	531.9
32.5°	1117.7	1124.4	1097.5	1077.3	1050.3	1009.9	949.3	875.3	801.2	713.7	646.4
30°	1339.8	1339.8	1306.2	1265.8	1211.9	1144.6	1070.5	989.7	902.2	814.7	733.9
27.5°	1690.0	1656.3	1629.4	1562.0	1467.8	1339.8	1245.6	1117.7	1003.2	902.2	814.7
25°	2269.0	2262.2	2201.7	2087.2	1898.7	1696.7	1541.8	1326.4	1151.3	996.5	895.5
22.5°	3608.8	3561.7	3420.3	3137.5	2693.2	2343.0	2026.6	1690.0	1373.5	1164.8	1003.2
20°	6672.3	6517.4	6140.4	5359.4	4362.9	3676.2	2888.4	2322.8	1790.9	1400.4	1158.1
17.5°	12449.1	12348.1	12206.7	10402.3	8375.7	6921.4	5150.7	3561.7	2545.0	1831.3	1373.5
15°	23336.2	22588.8	21026.8	18865.5	16031.0	12388.5	9109.6	5749.9	3635.8	2437.3	1743.8
12.5°	39892.3	39064.2	35031.2	29624.7	24527.9	19343.6	13580.2	8739.3	5177.6	3097.1	2067.0
10°	79488.4	73476.0	62184.9	46409.8	36222.9	27012.3	19067.5	11923.9	6739.6	3911.8	2450.8
7.5°	162807.8	143161.3	110318.3	77879.3	50409.1	35428.4	24352.8	15593.4	8981.7	4894.8	2800.9
5°	295082.1	260225.9	196048.1	118047.6	73199.9	44403.4	28897.5	18542.4	10631.2	5696.0	3151.0
2.5°	450571.3	405481.2	283434.2	162323.1	90261.0	51351.7	32075.5	20481.4	11681.6	6241.4	3420.3
0°	538031.4	480599.9	333789.4	185841.0	98387.6	54300.7	33630.8	21646.2	12570.3	6685.8	3595.4
-2.5°	497008.0	450773.3	306756.9	172631.1	94018.0	53008.0	33852.9	21935.7	12718.4	6806.9	3676.2
-5°	350291.7	312345.2	212254.1	127392.9	79771.2	48826.9	31940.8	20845.0	12307.7	6631.9	3642.5
-7.5°	185322.6	168153.8	125878.0	91540.3	58226.0	41326.4	28756.1	18912.7	11243.9	6160.6	3440.5
-10°	95748.3	92227.0	79475.0	59909.2	47116.7	34620.5	24541.4	16172.4	9399.1	5305.5	3097.1
-12.5°	55202.9	54603.7	50503.4	43353.0	36128.7	28439.7	20138.1	13189.7	7843.8	4396.6	2612.4
-15°	35744.9	36000.7	34573.4	31597.4	27483.6	21282.6	15472.2	9809.8	5803.7	3561.7	2302.6
-17.5°	24393.2	24325.9	23659.4	21619.3	18306.7	14374.7	10254.2	6928.1	4396.6	2773.9	1912.1
-20°	15431.8	15458.7	14839.3	13432.1	10994.8	8860.5	6382.8	4672.6	3117.3	2181.5	1690.0



REPORT NUMBER: P724269
 CATALOG NUMBER: IFLD-L-SA8C-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°	8954.7	8974.9	8584.4	7789.9	6510.7	5251.6	4147.5	3090.4	2295.9	1817.9	1481.2
-25°	5143.9	5063.1	4908.3	4524.5	3925.3	3238.5	2753.7	2174.7	1838.1	1541.8	1353.3
-27.5°	3117.3	3063.5	2982.7	2814.3	2578.7	2235.3	2013.1	1757.3	1562.0	1387.0	1272.5
-30°	2174.7	2194.9	2127.6	2040.1	1932.3	1777.5	1656.3	1535.1	1407.2	1299.4	1191.7
-32.5°	1730.4	1743.8	1710.2	1676.5	1622.6	1562.0	1488.0	1400.4	1299.4	1198.5	1097.5
-35°	1488.0	1494.7	1494.7	1488.0	1474.5	1427.4	1373.5	1292.7	1198.5	1104.2	1016.7
-37.5°	1366.8	1373.5	1373.5	1366.8	1346.6	1306.2	1252.3	1185.0	1097.5	1009.9	942.6
-40°	1238.9	1245.6	1238.9	1225.4	1205.2	1164.8	1124.4	1070.5	1003.2	929.1	868.5
-42.5°	1117.7	1110.9	1104.2	1090.7	1070.5	1043.6	1009.9	969.5	922.4	868.5	821.4
-45°	1003.2	1003.2	996.5	989.7	976.3	956.1	935.9	902.2	868.5	828.1	787.7
-47.5°	942.6	942.6	935.9	929.1	922.4	908.9	888.7	861.8	834.9	801.2	767.5
-50°	902.2	902.2	902.2	895.5	888.7	875.3	855.1	834.9	807.9	774.3	740.6
-52.5°	875.3	875.3	875.3	868.5	861.8	855.1	834.9	807.9	774.3	747.4	720.4
-55°	861.8	855.1	855.1	848.3	841.6	834.9	807.9	781.0	754.1	727.2	700.2
-57.5°	841.6	834.9	834.9	828.1	821.4	814.7	787.7	760.8	733.9	700.2	680.0
-60°	821.4	814.7	814.7	801.2	794.5	787.7	760.8	733.9	707.0	680.0	653.1
-62.5°	794.5	787.7	781.0	774.3	760.8	747.4	727.2	700.2	666.6	639.6	612.7
-65°	733.9	727.2	720.4	713.7	707.0	700.2	680.0	646.4	619.4	592.5	565.6
-67.5°	659.8	659.8	659.8	646.4	639.6	626.2	612.7	585.8	558.8	531.9	511.7
-70°	572.3	572.3	572.3	558.8	552.1	545.4	525.2	505.0	484.8	464.6	437.6
-72.5°	484.8	478.0	478.0	471.3	457.8	451.1	437.6	424.2	404.0	390.5	370.3
-75°	397.2	390.5	390.5	383.8	377.0	370.3	356.8	350.1	336.6	323.2	303.0
-77.5°	316.4	316.4	316.4	309.7	303.0	296.2	289.5	282.8	276.0	262.6	249.1
-80°	242.4	242.4	242.4	242.4	242.4	242.4	242.4	235.7	222.2	215.5	208.7
-82.5°	175.1	181.8	181.8	181.8	181.8	181.8	181.8	181.8	175.1	168.3	161.6
-85°	114.5	121.2	121.2	127.9	134.7	134.7	141.4	134.7	127.9	114.5	107.7
-87.5°	60.6	60.6	60.6	60.6	60.6	60.6	60.6	53.9	53.9	53.9	47.1
-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: P724269
 CATALOG NUMBER: IFLD-L-SA8C-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°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	13.5	13.5	13.5
85°	13.5	13.5	13.5	13.5	20.2	20.2	20.2	26.9	26.9	26.9	26.9
82.5°	13.5	20.2	20.2	20.2	26.9	26.9	33.7	40.4	53.9	60.6	60.6
80°	13.5	20.2	20.2	20.2	26.9	26.9	33.7	33.7	40.4	47.1	60.6
77.5°	13.5	13.5	20.2	20.2	20.2	26.9	26.9	33.7	33.7	40.4	47.1
75°	6.7	13.5	13.5	13.5	20.2	20.2	26.9	26.9	33.7	33.7	40.4
72.5°	6.7	13.5	13.5	13.5	20.2	20.2	26.9	26.9	26.9	33.7	33.7
70°	6.7	13.5	13.5	13.5	13.5	20.2	20.2	20.2	26.9	26.9	26.9
67.5°	6.7	6.7	6.7	13.5	13.5	13.5	13.5	20.2	20.2	20.2	26.9
65°	6.7	6.7	6.7	6.7	13.5	13.5	13.5	13.5	20.2	20.2	20.2
62.5°	6.7	6.7	6.7	13.5	13.5	13.5	13.5	13.5	20.2	20.2	20.2
60°	26.9	26.9	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
57.5°	60.6	60.6	53.9	47.1	40.4	40.4	33.7	26.9	26.9	20.2	20.2
55°	101.0	94.3	87.5	74.1	67.3	60.6	53.9	40.4	33.7	26.9	20.2
52.5°	127.9	121.2	114.5	107.7	94.3	80.8	74.1	67.3	53.9	40.4	33.7
50°	188.5	168.3	154.9	141.4	127.9	114.5	101.0	94.3	74.1	60.6	47.1
47.5°	228.9	215.5	195.3	181.8	168.3	148.1	127.9	114.5	101.0	80.8	60.6
45°	262.6	249.1	228.9	215.5	202.0	181.8	161.6	141.4	127.9	107.7	80.8
42.5°	296.2	282.8	262.6	249.1	228.9	208.7	188.5	168.3	148.1	134.7	107.7
40°	343.4	323.2	296.2	282.8	269.3	242.4	215.5	195.3	175.1	154.9	127.9
37.5°	404.0	383.8	350.1	323.2	303.0	282.8	255.8	228.9	208.7	181.8	154.9
35°	498.2	464.6	417.4	377.0	350.1	323.2	289.5	262.6	235.7	208.7	181.8
32.5°	592.5	538.6	478.0	430.9	390.5	356.8	323.2	296.2	262.6	228.9	202.0
30°	666.6	606.0	545.4	478.0	430.9	390.5	356.8	323.2	289.5	255.8	222.2
27.5°	740.6	673.3	606.0	538.6	471.3	417.4	383.8	350.1	316.4	282.8	242.4
25°	814.7	740.6	673.3	599.2	518.4	457.8	410.7	383.8	350.1	309.7	262.6
22.5°	882.0	814.7	747.4	666.6	572.3	491.5	444.4	410.7	377.0	329.9	289.5
20°	1009.9	922.4	841.6	740.6	632.9	552.1	491.5	444.4	404.0	356.8	309.7
17.5°	1178.3	1050.3	942.6	828.1	720.4	619.4	531.9	478.0	437.6	383.8	329.9
15°	1393.7	1171.5	1036.9	922.4	794.5	680.0	585.8	511.7	457.8	404.0	356.8
12.5°	1555.3	1265.8	1117.7	1009.9	875.3	747.4	626.2	538.6	478.0	424.2	370.3
10°	1737.1	1366.8	1185.0	1063.8	922.4	781.0	653.1	558.8	491.5	444.4	390.5
7.5°	1885.2	1447.6	1218.7	1084.0	949.3	807.9	680.0	579.0	511.7	457.8	404.0
5°	2019.9	1514.9	1245.6	1090.7	962.8	828.1	693.5	592.5	525.2	471.3	417.4
2.5°	2114.1	1575.5	1272.5	1104.2	976.3	841.6	713.7	606.0	538.6	484.8	430.9
0°	2194.9	1595.7	1265.8	1104.2	983.0	841.6	720.4	612.7	545.4	491.5	437.6
-2.5°	2221.9	1629.4	1299.4	1117.7	996.5	855.1	733.9	619.4	552.1	498.2	451.1
-5°	2221.9	1602.4	1299.4	1131.1	1003.2	861.8	733.9	626.2	558.8	505.0	451.1
-7.5°	2141.1	1562.0	1292.7	1144.6	1009.9	868.5	733.9	632.9	565.6	511.7	457.8
-10°	1999.7	1501.4	1286.0	1151.3	1009.9	861.8	733.9	632.9	565.6	511.7	464.6
-12.5°	1770.7	1420.6	1252.3	1137.9	996.5	848.3	727.2	632.9	565.6	518.4	464.6
-15°	1656.3	1353.3	1211.9	1097.5	962.8	828.1	713.7	626.2	565.6	518.4	471.3
-17.5°	1501.4	1299.4	1171.5	1057.1	935.9	807.9	700.2	626.2	565.6	511.7	471.3
-20°	1393.7	1238.9	1124.4	1023.4	902.2	787.7	693.5	619.4	565.6	511.7	471.3



REPORT NUMBER: P724269

CATALOG NUMBER: IFLD-L-SA8C-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°	1299.4	1171.5	1070.5	969.5	861.8	760.8	680.0	612.7	558.8	511.7	471.3
-25°	1225.4	1110.9	1016.7	922.4	828.1	740.6	666.6	606.0	552.1	511.7	464.6
-27.5°	1158.1	1050.3	962.8	875.3	787.7	720.4	653.1	599.2	552.1	505.0	457.8
-30°	1084.0	996.5	908.9	828.1	767.5	700.2	639.6	585.8	545.4	498.2	451.1
-32.5°	1009.9	929.1	855.1	794.5	740.6	686.8	632.9	579.0	531.9	484.8	437.6
-35°	942.6	868.5	814.7	760.8	720.4	673.3	619.4	565.6	525.2	478.0	437.6
-37.5°	875.3	821.4	774.3	733.9	693.5	653.1	599.2	552.1	511.7	464.6	417.4
-40°	821.4	781.0	747.4	713.7	673.3	626.2	585.8	538.6	498.2	451.1	397.2
-42.5°	787.7	754.1	720.4	686.8	653.1	612.7	572.3	525.2	484.8	437.6	383.8
-45°	754.1	727.2	700.2	673.3	639.6	599.2	552.1	505.0	464.6	417.4	377.0
-47.5°	733.9	707.0	680.0	659.8	632.9	579.0	538.6	491.5	444.4	404.0	356.8
-50°	713.7	686.8	666.6	639.6	606.0	558.8	518.4	471.3	430.9	383.8	343.4
-52.5°	693.5	666.6	639.6	612.7	579.0	538.6	498.2	457.8	410.7	363.6	323.2
-55°	673.3	646.4	619.4	592.5	558.8	525.2	484.8	430.9	383.8	336.6	296.2
-57.5°	653.1	632.9	599.2	565.6	531.9	498.2	451.1	404.0	356.8	309.7	276.0
-60°	626.2	599.2	572.3	531.9	498.2	457.8	417.4	377.0	329.9	289.5	255.8
-62.5°	585.8	558.8	531.9	491.5	457.8	424.2	390.5	343.4	309.7	269.3	235.7
-65°	538.6	511.7	484.8	451.1	417.4	383.8	356.8	316.4	282.8	249.1	222.2
-67.5°	484.8	457.8	437.6	404.0	377.0	343.4	316.4	282.8	249.1	222.2	195.3
-70°	417.4	397.2	377.0	350.1	323.2	296.2	269.3	242.4	215.5	195.3	168.3
-72.5°	356.8	336.6	316.4	296.2	276.0	249.1	228.9	208.7	188.5	168.3	154.9
-75°	289.5	276.0	262.6	249.1	228.9	208.7	195.3	175.1	161.6	148.1	141.4
-77.5°	242.4	228.9	215.5	202.0	188.5	175.1	161.6	148.1	141.4	134.7	127.9
-80°	195.3	188.5	181.8	168.3	161.6	148.1	141.4	127.9	127.9	127.9	127.9
-82.5°	154.9	148.1	141.4	134.7	127.9	121.2	121.2	114.5	121.2	121.2	114.5
-85°	107.7	101.0	94.3	94.3	87.5	87.5	80.8	80.8	80.8	74.1	74.1
-87.5°	47.1	47.1	47.1	47.1	40.4	40.4	40.4	40.4	40.4	33.7	33.7
-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: P724269
 CATALOG NUMBER: IFLD-L-SA8C-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°	13.5	13.5	6.7	6.7	6.7	6.7	6.7	6.7	6.7	0.0	0.0
85°	26.9	26.9	20.2	20.2	20.2	13.5	13.5	6.7	6.7	6.7	6.7
82.5°	60.6	53.9	47.1	40.4	33.7	26.9	20.2	13.5	13.5	6.7	6.7
80°	74.1	74.1	74.1	67.3	53.9	40.4	26.9	20.2	13.5	6.7	6.7
77.5°	53.9	53.9	60.6	67.3	67.3	53.9	33.7	20.2	13.5	13.5	6.7
75°	40.4	40.4	40.4	47.1	53.9	53.9	40.4	26.9	13.5	13.5	6.7
72.5°	40.4	40.4	40.4	40.4	40.4	40.4	40.4	26.9	20.2	13.5	13.5
70°	33.7	33.7	33.7	33.7	33.7	33.7	33.7	26.9	20.2	13.5	13.5
67.5°	26.9	26.9	33.7	33.7	33.7	26.9	26.9	26.9	20.2	13.5	13.5
65°	20.2	26.9	26.9	33.7	26.9	26.9	26.9	20.2	20.2	13.5	13.5
62.5°	20.2	20.2	26.9	26.9	26.9	26.9	20.2	20.2	20.2	13.5	13.5
60°	20.2	20.2	20.2	26.9	20.2	20.2	20.2	20.2	20.2	13.5	13.5
57.5°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	13.5	13.5	13.5	13.5
55°	20.2	20.2	20.2	20.2	20.2	20.2	13.5	13.5	13.5	13.5	13.5
52.5°	26.9	20.2	20.2	20.2	20.2	20.2	13.5	13.5	13.5	13.5	13.5
50°	33.7	20.2	20.2	20.2	20.2	13.5	13.5	13.5	13.5	13.5	13.5
47.5°	47.1	33.7	26.9	20.2	20.2	13.5	13.5	13.5	13.5	13.5	6.7
45°	67.3	47.1	33.7	26.9	20.2	13.5	13.5	13.5	13.5	13.5	6.7
42.5°	80.8	60.6	40.4	33.7	26.9	20.2	13.5	13.5	13.5	6.7	6.7
40°	101.0	80.8	53.9	40.4	26.9	20.2	13.5	13.5	13.5	6.7	6.7
37.5°	127.9	101.0	67.3	47.1	33.7	20.2	20.2	13.5	13.5	6.7	6.7
35°	148.1	114.5	87.5	53.9	40.4	26.9	20.2	13.5	13.5	6.7	6.7
32.5°	168.3	134.7	107.7	67.3	47.1	33.7	26.9	13.5	13.5	6.7	6.7
30°	188.5	154.9	121.2	87.5	60.6	40.4	26.9	13.5	13.5	6.7	6.7
27.5°	208.7	168.3	134.7	101.0	67.3	47.1	33.7	20.2	13.5	6.7	6.7
25°	228.9	188.5	148.1	114.5	74.1	53.9	33.7	20.2	13.5	13.5	6.7
22.5°	242.4	208.7	168.3	127.9	87.5	60.6	40.4	26.9	13.5	13.5	6.7
20°	262.6	228.9	181.8	141.4	101.0	67.3	40.4	26.9	13.5	13.5	6.7
17.5°	282.8	242.4	195.3	154.9	114.5	74.1	47.1	33.7	13.5	13.5	6.7
15°	303.0	255.8	208.7	161.6	121.2	80.8	47.1	33.7	13.5	13.5	6.7
12.5°	323.2	276.0	222.2	175.1	127.9	87.5	53.9	40.4	20.2	13.5	6.7
10°	336.6	289.5	235.7	181.8	134.7	101.0	60.6	40.4	20.2	13.5	6.7
7.5°	356.8	303.0	249.1	195.3	141.4	107.7	67.3	40.4	20.2	13.5	6.7
5°	363.6	316.4	255.8	208.7	148.1	114.5	74.1	47.1	20.2	13.5	6.7
2.5°	370.3	329.9	262.6	215.5	154.9	114.5	74.1	47.1	26.9	13.5	6.7
0°	377.0	336.6	269.3	222.2	161.6	121.2	80.8	47.1	26.9	13.5	6.7
-2.5°	383.8	343.4	282.8	228.9	168.3	127.9	87.5	47.1	26.9	13.5	6.7
-5°	390.5	343.4	296.2	235.7	175.1	127.9	87.5	53.9	33.7	13.5	6.7
-7.5°	397.2	350.1	303.0	242.4	181.8	127.9	94.3	53.9	33.7	20.2	6.7
-10°	404.0	356.8	309.7	249.1	181.8	134.7	94.3	53.9	33.7	20.2	6.7
-12.5°	410.7	363.6	309.7	249.1	188.5	134.7	94.3	60.6	33.7	20.2	6.7
-15°	417.4	363.6	309.7	249.1	188.5	141.4	101.0	60.6	33.7	20.2	13.5
-17.5°	417.4	363.6	309.7	255.8	188.5	141.4	101.0	60.6	33.7	20.2	13.5
-20°	417.4	363.6	309.7	255.8	188.5	141.4	101.0	60.6	33.7	20.2	13.5



REPORT NUMBER: P724269

CATALOG NUMBER: IFLD-L-SA8C-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°	410.7	356.8	309.7	249.1	188.5	141.4	101.0	60.6	40.4	20.2	13.5
-25°	410.7	356.8	309.7	249.1	188.5	141.4	94.3	60.6	40.4	20.2	13.5
-27.5°	404.0	356.8	303.0	242.4	181.8	134.7	94.3	60.6	40.4	20.2	13.5
-30°	397.2	350.1	296.2	235.7	181.8	134.7	94.3	60.6	40.4	20.2	13.5
-32.5°	390.5	336.6	289.5	228.9	175.1	127.9	94.3	60.6	40.4	20.2	13.5
-35°	377.0	329.9	276.0	222.2	168.3	127.9	87.5	60.6	40.4	26.9	13.5
-37.5°	363.6	316.4	269.3	215.5	161.6	121.2	87.5	60.6	40.4	26.9	13.5
-40°	350.1	309.7	255.8	202.0	154.9	114.5	87.5	60.6	40.4	26.9	20.2
-42.5°	336.6	296.2	249.1	195.3	154.9	114.5	80.8	60.6	40.4	26.9	20.2
-45°	329.9	289.5	235.7	188.5	148.1	114.5	80.8	53.9	40.4	26.9	20.2
-47.5°	316.4	269.3	222.2	181.8	141.4	107.7	74.1	53.9	40.4	26.9	20.2
-50°	296.2	255.8	215.5	175.1	134.7	101.0	74.1	53.9	40.4	26.9	20.2
-52.5°	276.0	235.7	202.0	161.6	127.9	101.0	74.1	53.9	40.4	26.9	20.2
-55°	255.8	222.2	188.5	154.9	121.2	94.3	67.3	53.9	40.4	26.9	20.2
-57.5°	242.4	208.7	175.1	141.4	114.5	87.5	67.3	47.1	33.7	26.9	20.2
-60°	228.9	195.3	161.6	134.7	107.7	87.5	67.3	47.1	33.7	26.9	13.5
-62.5°	208.7	181.8	148.1	127.9	101.0	80.8	60.6	47.1	33.7	26.9	13.5
-65°	188.5	161.6	134.7	114.5	94.3	74.1	60.6	47.1	33.7	26.9	13.5
-67.5°	168.3	148.1	127.9	107.7	87.5	74.1	60.6	47.1	33.7	20.2	13.5
-70°	154.9	134.7	114.5	101.0	87.5	67.3	60.6	47.1	33.7	20.2	13.5
-72.5°	134.7	121.2	107.7	94.3	80.8	74.1	60.6	47.1	26.9	20.2	13.5
-75°	127.9	114.5	101.0	94.3	87.5	74.1	60.6	40.4	26.9	20.2	13.5
-77.5°	127.9	114.5	107.7	101.0	87.5	74.1	53.9	33.7	20.2	20.2	13.5
-80°	127.9	121.2	114.5	94.3	80.8	60.6	40.4	33.7	20.2	13.5	6.7
-82.5°	114.5	94.3	80.8	67.3	60.6	47.1	33.7	26.9	13.5	13.5	6.7
-85°	74.1	60.6	53.9	47.1	40.4	33.7	20.2	13.5	13.5	6.7	6.7
-87.5°	33.7	33.7	26.9	20.2	20.2	13.5	13.5	6.7	6.7	6.7	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: P724269
 CATALOG NUMBER: IFLD-L-SA8C-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°	6.7	0.0	0.0	0.0
77.5°	6.7	0.0	0.0	0.0
75°	6.7	6.7	0.0	0.0
72.5°	6.7	6.7	0.0	0.0
70°	6.7	6.7	0.0	0.0
67.5°	6.7	6.7	0.0	0.0
65°	6.7	6.7	0.0	0.0
62.5°	6.7	6.7	0.0	0.0
60°	6.7	6.7	0.0	0.0
57.5°	6.7	6.7	6.7	0.0
55°	6.7	6.7	6.7	0.0
52.5°	6.7	6.7	6.7	0.0
50°	6.7	6.7	6.7	0.0
47.5°	6.7	6.7	6.7	0.0
45°	6.7	6.7	6.7	0.0
42.5°	6.7	6.7	6.7	0.0
40°	6.7	6.7	6.7	0.0
37.5°	6.7	6.7	6.7	0.0
35°	6.7	6.7	6.7	0.0
32.5°	6.7	6.7	6.7	0.0
30°	6.7	6.7	6.7	0.0
27.5°	6.7	6.7	6.7	0.0
25°	6.7	6.7	6.7	0.0
22.5°	6.7	6.7	6.7	0.0
20°	6.7	6.7	6.7	0.0
17.5°	6.7	6.7	6.7	0.0
15°	6.7	6.7	6.7	0.0
12.5°	6.7	6.7	6.7	0.0
10°	6.7	6.7	6.7	0.0
7.5°	6.7	6.7	6.7	0.0
5°	6.7	6.7	6.7	0.0
2.5°	6.7	6.7	6.7	0.0
0°	6.7	6.7	6.7	0.0
-2.5°	6.7	6.7	6.7	0.0
-5°	6.7	6.7	6.7	0.0
-7.5°	6.7	6.7	6.7	0.0
-10°	6.7	6.7	6.7	0.0
-12.5°	6.7	6.7	6.7	0.0
-15°	6.7	6.7	6.7	0.0
-17.5°	6.7	6.7	6.7	0.0
-20°	6.7	6.7	6.7	0.0



REPORT NUMBER: P724269
CATALOG NUMBER: IFLD-L-SA8C-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.7	6.7	6.7	0.0
-25°	6.7	6.7	6.7	0.0
-27.5°	6.7	6.7	6.7	0.0
-30°	6.7	6.7	6.7	0.0
-32.5°	6.7	6.7	6.7	0.0
-35°	6.7	6.7	6.7	0.0
-37.5°	6.7	6.7	6.7	0.0
-40°	6.7	6.7	6.7	0.0
-42.5°	6.7	6.7	6.7	0.0
-45°	6.7	6.7	6.7	0.0
-47.5°	6.7	6.7	6.7	0.0
-50°	6.7	6.7	6.7	0.0
-52.5°	6.7	6.7	6.7	0.0
-55°	6.7	6.7	6.7	0.0
-57.5°	6.7	6.7	6.7	0.0
-60°	6.7	6.7	0.0	0.0
-62.5°	6.7	6.7	0.0	0.0
-65°	6.7	6.7	0.0	0.0
-67.5°	6.7	6.7	0.0	0.0
-70°	6.7	6.7	0.0	0.0
-72.5°	6.7	6.7	0.0	0.0
-75°	6.7	6.7	0.0	0.0
-77.5°	6.7	0.0	0.0	0.0
-80°	6.7	0.0	0.0	0.0
-82.5°	6.7	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)