

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: P724270

Luminaire Tested: **IFLD-L-SA8D-830-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724270
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-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

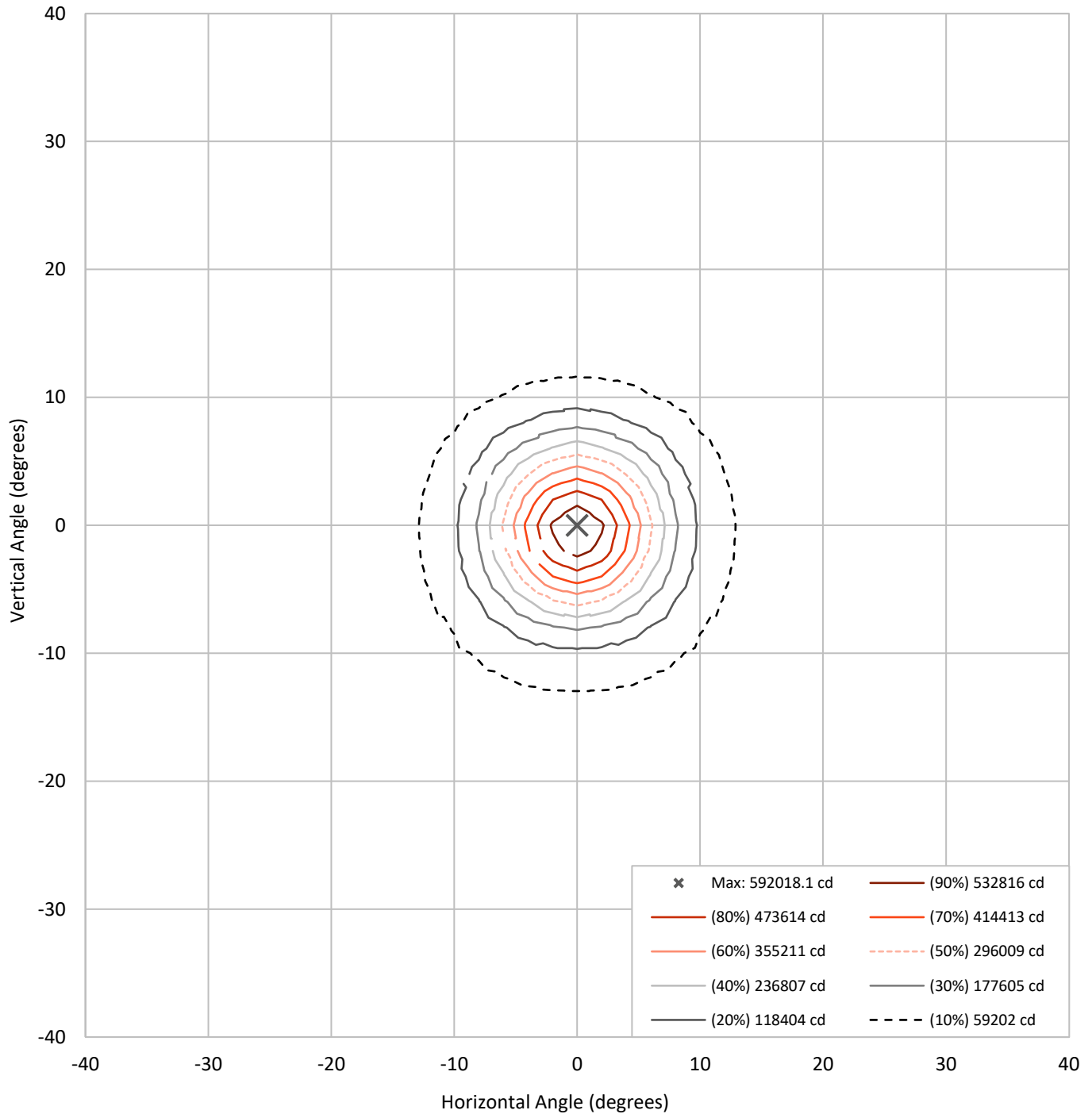
Lumens per Lamp: N/A	NEMA Type: 2H x 2V
Luminaire Lumens: 41352.7 lumens	Max Intensity: 592018.1 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 0°V
Efficacy: 84.7 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')	
Beam Angle (50%): 12.2°H x 11.7°V	Field Angle (10%): 25.1°H x 24.3°V
Beam Lumens: 12937 lumens	Field Lumens: 29436.4 lumens
Beam Efficiency: 31.3%	Field Efficiency: 71.2%

Input Watts (W): 488.3
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



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Iso-Candela Plot





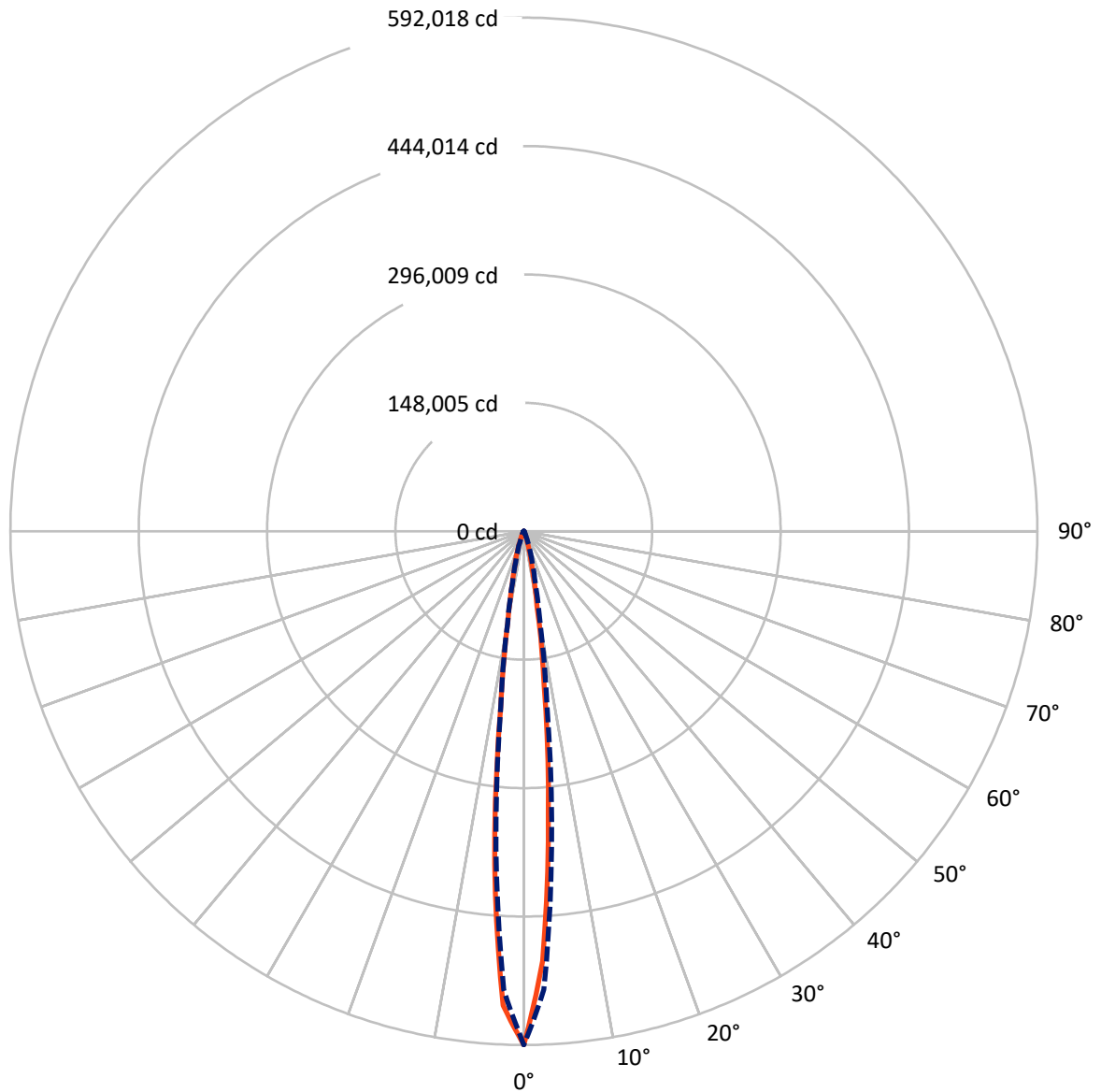
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Lumen Table

90	0.3	2.5		2.1		0.9		0.1		0.9		2.1		2.5		0.3			
80	0.3	2.5		2.1		0.9		0.1		0.9		2.1		2.5		0.3			
70	0.3	0.4	0.5	0.4	0.3	0.3	0.3	0.1	0.1	0.3	0.3	0.3	0.4	0.5	0.4	0.3			
60		0.3	0.5	1.1	2.1	3.2	4.0	4.6	4.6	4.0	3.2	2.1	1.1	0.5	0.3				
50	0.3	0.3	1.3	3.4	5.9	8.3	11.0	13.0	13.0	11.0	8.3	5.9	3.4	1.3	0.3	0.3			
40		0.7	2.9	6.2	10.6	16.6	25.1	30.1	30.1	25.1	16.6	10.6	6.2	2.9	0.7				
30	0.4	1.2	4.4	9.1	16.6	28.6	55.2	89.0	89.0	55.2	28.6	16.6	9.1	4.4	1.2	0.4			
20		1.8	5.9	12.4	25.2	62.4	325.8	824.2	824.2	325.8	62.4	25.2	12.4	5.9	1.8				
10	0.7	2.3	7.1	14.6	30.7	126.7	1049.3	6466.1	6466.1	1049.3	126.7	30.7	14.6	7.1	2.3	0.7			
0		2.7	7.7	15.5	32.0	144.4	1154.6	7120.9	7120.9	1154.6	144.4	32.0	15.5	7.7	2.7				
-10	0.9	2.9	8.0	15.4	30.0	86.5	518.2	1248.9	1248.9	518.2	86.5	30.0	15.4	8.0	2.9	0.9			
-20		2.8	7.9	14.6	25.4	44.1	107.1	201.2	201.2	107.1	44.1	25.4	14.6	7.9	2.8				
-30	0.9	2.6	7.3	13.5	21.1	31.3	44.2	51.9	51.9	44.2	31.3	21.1	13.5	7.3	2.6	0.9			
-40		2.2	6.4	12.1	18.4	24.3	30.8	34.1	34.1	30.8	24.3	18.4	12.1	6.4	2.2				
-50	0.7	1.8	5.1	10.2	16.1	21.2	26.1	28.4	28.4	26.1	21.2	16.1	10.2	5.1	1.8	0.7			
-60		1.4	3.7	7.5	12.3	17.0	21.4	23.7	23.7	21.4	17.0	12.3	7.5	3.7	1.4				
-70	0.4	1.8	5.1	10.2	16.1	21.2	26.1	28.4	28.4	26.1	21.2	16.1	10.2	5.1	1.8	0.4			
-80		1.4	3.7	7.5	12.3	17.0	21.4	23.7	23.7	21.4	17.0	12.3	7.5	3.7	1.4				
-90	0.4	5.6		15.5		28.6		34.5		28.6		15.5		5.6		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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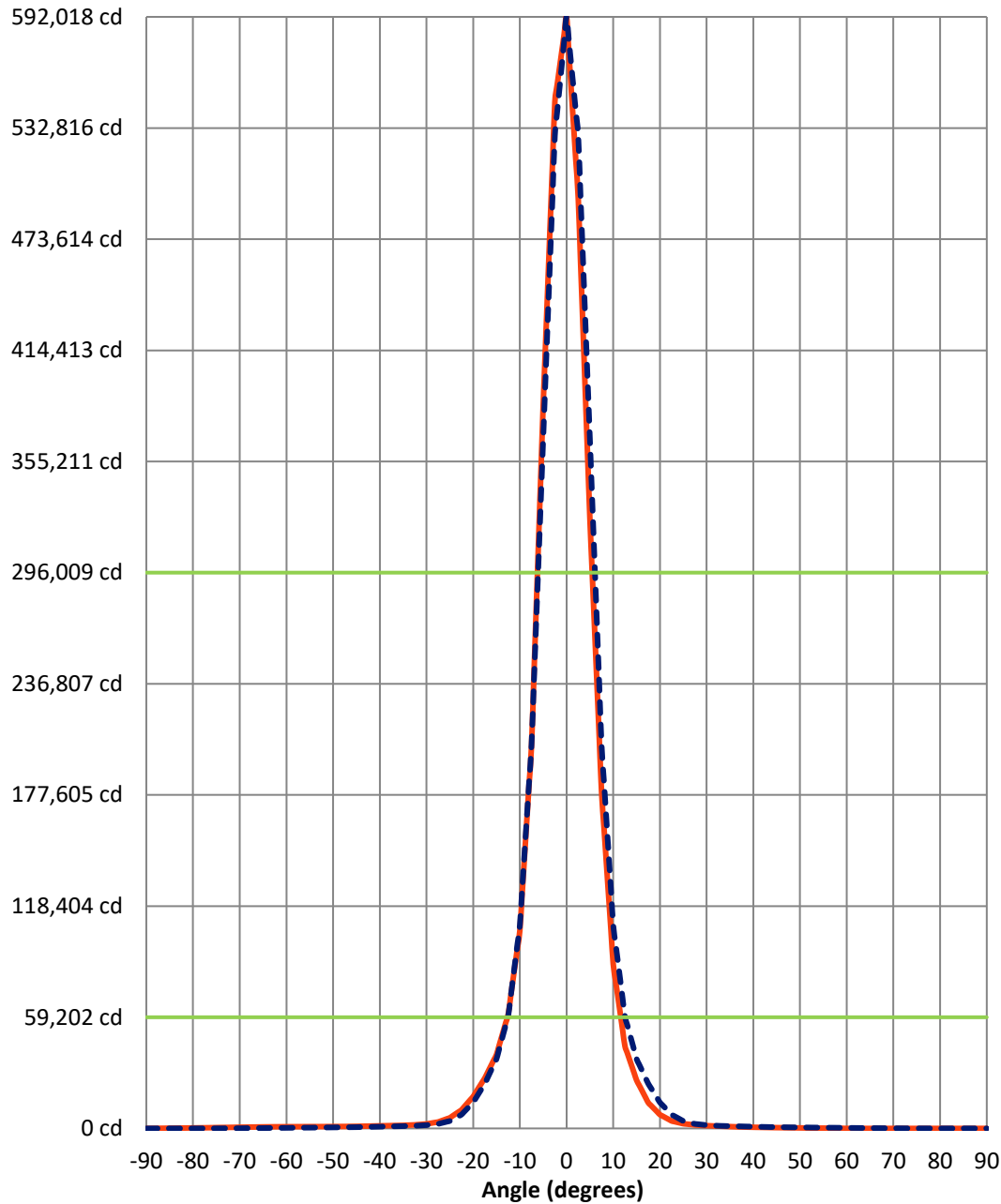
Luminous Intensity Polar Plot



— 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: 12937
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 29436.4
 Efficiency: 71.2%

Spill:
 Lumens: 11916.3
 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	7.4	7.4
85°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	14.8	14.8
82.5°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	14.8	14.8	14.8
80°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	14.8	14.8	14.8
77.5°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	14.8
75°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4
72.5°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4
70°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4
67.5°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4
65°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4
62.5°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4
60°	14.8	14.8	14.8	14.8	22.2	22.2	29.6	29.6	29.6	14.8	29.6
57.5°	118.5	118.5	111.1	103.7	96.3	88.9	88.9	88.9	88.9	88.9	74.1
55°	163.0	163.0	163.0	155.6	155.6	148.2	140.8	133.4	133.4	125.9	118.5
52.5°	192.6	192.6	192.6	192.6	185.2	185.2	185.2	177.8	163.0	163.0	155.6
50°	274.1	266.7	266.7	266.7	266.7	251.9	244.5	229.7	222.3	214.8	207.4
47.5°	355.6	355.6	348.2	348.2	340.8	326.0	311.2	296.3	281.5	274.1	259.3
45°	422.3	422.3	414.9	414.9	407.5	392.6	370.4	348.2	333.4	318.6	303.7
42.5°	518.6	511.2	503.8	496.4	481.6	459.3	429.7	400.1	377.8	355.6	340.8
40°	622.3	622.3	614.9	607.5	585.3	563.0	526.0	489.0	451.9	407.5	385.2
37.5°	748.3	755.7	763.1	763.1	748.3	718.6	666.8	622.3	563.0	503.8	474.1
35°	977.9	977.9	992.7	992.7	970.5	933.5	896.4	800.1	726.0	651.9	585.3
32.5°	1229.8	1237.2	1207.6	1185.4	1155.7	1111.3	1044.6	963.1	881.6	785.3	711.2
30°	1474.3	1474.3	1437.2	1392.8	1333.5	1259.4	1177.9	1089.0	992.7	896.4	807.5
27.5°	1859.5	1822.5	1792.8	1718.8	1615.0	1474.3	1370.6	1229.8	1103.9	992.7	896.4
25°	2496.7	2489.2	2422.6	2296.6	2089.2	1866.9	1696.5	1459.5	1266.8	1096.5	985.3
22.5°	3970.9	3919.1	3763.5	3452.3	2963.4	2578.1	2229.9	1859.5	1511.3	1281.7	1103.9
20°	7341.8	7171.4	6756.5	5897.1	4800.7	4045.0	3178.2	2555.9	1970.7	1541.0	1274.3
17.5°	13698.3	13587.1	13431.6	11446.1	9216.1	7615.9	5667.5	3919.1	2800.4	2015.1	1511.3
15°	25677.7	24855.4	23136.6	20758.5	17639.6	13631.6	10023.7	6326.8	4000.6	2681.9	1918.8
12.5°	43895.2	42983.9	38546.3	32597.3	26989.0	21284.5	14942.9	9616.2	5697.1	3407.9	2274.4
10°	87464.4	80848.6	68424.6	51066.6	39857.6	29722.8	20980.8	13120.4	7415.9	4304.3	2696.7
7.5°	179144.2	157526.2	121387.7	85693.7	55467.2	38983.4	26796.4	17158.0	9882.9	5386.0	3081.9
5°	324690.9	286337.3	215719.8	129892.7	80544.9	48858.8	31797.1	20402.9	11698.0	6267.6	3467.2
2.5°	495782.1	446167.6	311874.3	178610.7	99317.9	56504.4	35293.9	22536.6	12853.7	6867.6	3763.5
0°	592018.1	528823.8	367282.2	204488.5	108259.9	59749.3	37005.3	23818.2	13831.6	7356.6	3956.1
-2.5°	546878.3	496004.3	337537.2	189953.1	103451.8	58326.9	37249.8	24136.8	13994.6	7490.0	4045.0
-5°	385440.3	343686.2	233551.9	140175.6	87775.5	53726.2	35145.8	22936.6	13542.7	7297.3	4008.0
-7.5°	203918.1	185026.5	138508.7	100725.5	64068.4	45473.2	31641.6	20810.4	12372.1	6778.7	3785.7
-10°	105355.8	101481.2	87449.6	65920.5	51844.5	38094.3	27003.9	17795.1	10342.2	5837.9	3407.9
-12.5°	60742.0	60082.7	55570.9	47703.1	39753.8	31293.4	22158.7	14513.2	8630.9	4837.7	2874.5
-15°	39331.6	39613.1	38042.5	34767.9	30241.4	23418.2	17024.7	10794.1	6386.1	3919.1	2533.7
-17.5°	26840.9	26766.8	26033.4	23788.6	20143.6	15817.1	11283.1	7623.3	4837.7	3052.3	2104.0
-20°	16980.2	17009.8	16328.3	14779.9	12098.0	9749.5	7023.2	5141.5	3430.1	2400.3	1859.5



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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°	9853.3	9875.5	9445.8	8571.6	7164.0	5778.6	4563.6	3400.5	2526.3	2000.3	1629.9
-25°	5660.1	5571.2	5400.8	4978.5	4319.1	3563.5	3030.1	2392.9	2022.5	1696.5	1489.1
-27.5°	3430.1	3370.9	3282.0	3096.7	2837.4	2459.6	2215.1	1933.6	1718.8	1526.1	1400.2
-30°	2392.9	2415.2	2341.1	2244.8	2126.2	1955.8	1822.5	1689.1	1548.4	1429.8	1311.3
-32.5°	1904.0	1918.8	1881.8	1844.7	1785.4	1718.8	1637.3	1541.0	1429.8	1318.7	1207.6
-35°	1637.3	1644.7	1644.7	1637.3	1622.5	1570.6	1511.3	1422.4	1318.7	1215.0	1118.7
-37.5°	1503.9	1511.3	1511.3	1503.9	1481.7	1437.2	1378.0	1303.9	1207.6	1111.3	1037.2
-40°	1363.2	1370.6	1363.2	1348.3	1326.1	1281.7	1237.2	1177.9	1103.9	1022.4	955.7
-42.5°	1229.8	1222.4	1215.0	1200.2	1177.9	1148.3	1111.3	1066.8	1015.0	955.7	903.8
-45°	1103.9	1103.9	1096.5	1089.0	1074.2	1052.0	1029.8	992.7	955.7	911.2	866.8
-47.5°	1037.2	1037.2	1029.8	1022.4	1015.0	1000.1	977.9	948.3	918.6	881.6	844.6
-50°	992.7	992.7	992.7	985.3	977.9	963.1	940.9	918.6	889.0	852.0	814.9
-52.5°	963.1	963.1	963.1	955.7	948.3	940.9	918.6	889.0	852.0	822.3	792.7
-55°	948.3	940.9	940.9	933.5	926.1	918.6	889.0	859.4	829.7	800.1	770.5
-57.5°	926.1	918.6	918.6	911.2	903.8	896.4	866.8	837.2	807.5	770.5	748.3
-60°	903.8	896.4	896.4	881.6	874.2	866.8	837.2	807.5	777.9	748.3	718.6
-62.5°	874.2	866.8	859.4	852.0	837.2	822.3	800.1	770.5	733.4	703.8	674.2
-65°	807.5	800.1	792.7	785.3	777.9	770.5	748.3	711.2	681.6	651.9	622.3
-67.5°	726.0	726.0	726.0	711.2	703.8	689.0	674.2	644.5	614.9	585.3	563.0
-70°	629.7	629.7	629.7	614.9	607.5	600.1	577.9	555.6	533.4	511.2	481.6
-72.5°	533.4	526.0	526.0	518.6	503.8	496.4	481.6	466.7	444.5	429.7	407.5
-75°	437.1	429.7	429.7	422.3	414.9	407.5	392.6	385.2	370.4	355.6	333.4
-77.5°	348.2	348.2	348.2	340.8	333.4	326.0	318.6	311.2	303.7	288.9	274.1
-80°	266.7	266.7	266.7	266.7	266.7	266.7	266.7	259.3	244.5	237.1	229.7
-82.5°	192.6	200.0	200.0	200.0	200.0	200.0	200.0	200.0	192.6	185.2	177.8
-85°	125.9	133.4	133.4	140.8	148.2	148.2	155.6	148.2	140.8	125.9	118.5
-87.5°	66.7	66.7	66.7	66.7	66.7	66.7	66.7	59.3	59.3	59.3	51.9
-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°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	14.8	14.8	14.8
85°	14.8	14.8	14.8	14.8	22.2	22.2	22.2	29.6	29.6	29.6	29.6
82.5°	14.8	22.2	22.2	22.2	29.6	29.6	37.0	44.5	59.3	66.7	66.7
80°	14.8	22.2	22.2	22.2	29.6	29.6	37.0	37.0	44.5	51.9	66.7
77.5°	14.8	14.8	22.2	22.2	22.2	29.6	29.6	37.0	37.0	44.5	51.9
75°	7.4	14.8	14.8	14.8	22.2	22.2	29.6	29.6	37.0	37.0	44.5
72.5°	7.4	14.8	14.8	14.8	22.2	22.2	29.6	29.6	29.6	37.0	37.0
70°	7.4	14.8	14.8	14.8	14.8	22.2	22.2	22.2	29.6	29.6	29.6
67.5°	7.4	7.4	7.4	14.8	14.8	14.8	14.8	22.2	22.2	22.2	29.6
65°	7.4	7.4	7.4	7.4	14.8	14.8	14.8	14.8	22.2	22.2	22.2
62.5°	7.4	7.4	7.4	14.8	14.8	14.8	14.8	14.8	22.2	22.2	22.2
60°	29.6	29.6	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
57.5°	66.7	66.7	59.3	51.9	44.5	44.5	37.0	29.6	29.6	22.2	22.2
55°	111.1	103.7	96.3	81.5	74.1	66.7	59.3	44.5	37.0	29.6	22.2
52.5°	140.8	133.4	125.9	118.5	103.7	88.9	81.5	74.1	59.3	44.5	37.0
50°	207.4	185.2	170.4	155.6	140.8	125.9	111.1	103.7	81.5	66.7	51.9
47.5°	251.9	237.1	214.8	200.0	185.2	163.0	140.8	125.9	111.1	88.9	66.7
45°	288.9	274.1	251.9	237.1	222.3	200.0	177.8	155.6	140.8	118.5	88.9
42.5°	326.0	311.2	288.9	274.1	251.9	229.7	207.4	185.2	163.0	148.2	118.5
40°	377.8	355.6	326.0	311.2	296.3	266.7	237.1	214.8	192.6	170.4	140.8
37.5°	444.5	422.3	385.2	355.6	333.4	311.2	281.5	251.9	229.7	200.0	170.4
35°	548.2	511.2	459.3	414.9	385.2	355.6	318.6	288.9	259.3	229.7	200.0
32.5°	651.9	592.7	526.0	474.1	429.7	392.6	355.6	326.0	288.9	251.9	222.3
30°	733.4	666.8	600.1	526.0	474.1	429.7	392.6	355.6	318.6	281.5	244.5
27.5°	814.9	740.8	666.8	592.7	518.6	459.3	422.3	385.2	348.2	311.2	266.7
25°	896.4	814.9	740.8	659.4	570.5	503.8	451.9	422.3	385.2	340.8	288.9
22.5°	970.5	896.4	822.3	733.4	629.7	540.8	489.0	451.9	414.9	363.0	318.6
20°	1111.3	1015.0	926.1	814.9	696.4	607.5	540.8	489.0	444.5	392.6	340.8
17.5°	1296.5	1155.7	1037.2	911.2	792.7	681.6	585.3	526.0	481.6	422.3	363.0
15°	1533.6	1289.1	1140.9	1015.0	874.2	748.3	644.5	563.0	503.8	444.5	392.6
12.5°	1711.4	1392.8	1229.8	1111.3	963.1	822.3	689.0	592.7	526.0	466.7	407.5
10°	1911.4	1503.9	1303.9	1170.5	1015.0	859.4	718.6	614.9	540.8	489.0	429.7
7.5°	2074.4	1592.8	1340.9	1192.8	1044.6	889.0	748.3	637.1	563.0	503.8	444.5
5°	2222.5	1666.9	1370.6	1200.2	1059.4	911.2	763.1	651.9	577.9	518.6	459.3
2.5°	2326.3	1733.6	1400.2	1215.0	1074.2	926.1	785.3	666.8	592.7	533.4	474.1
0°	2415.2	1755.8	1392.8	1215.0	1081.6	926.1	792.7	674.2	600.1	540.8	481.6
-2.5°	2444.8	1792.8	1429.8	1229.8	1096.5	940.9	807.5	681.6	607.5	548.2	496.4
-5°	2444.8	1763.2	1429.8	1244.6	1103.9	948.3	807.5	689.0	614.9	555.6	496.4
-7.5°	2355.9	1718.8	1422.4	1259.4	1111.3	955.7	807.5	696.4	622.3	563.0	503.8
-10°	2200.3	1652.1	1415.0	1266.8	1111.3	948.3	807.5	696.4	622.3	563.0	511.2
-12.5°	1948.4	1563.2	1378.0	1252.0	1096.5	933.5	800.1	696.4	622.3	570.5	511.2
-15°	1822.5	1489.1	1333.5	1207.6	1059.4	911.2	785.3	689.0	622.3	570.5	518.6
-17.5°	1652.1	1429.8	1289.1	1163.1	1029.8	889.0	770.5	689.0	622.3	563.0	518.6
-20°	1533.6	1363.2	1237.2	1126.1	992.7	866.8	763.1	681.6	622.3	563.0	518.6



REPORT NUMBER: P724270

CATALOG NUMBER: IFLD-L-SA8D-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°	1429.8	1289.1	1177.9	1066.8	948.3	837.2	748.3	674.2	614.9	563.0	518.6
-25°	1348.3	1222.4	1118.7	1015.0	911.2	814.9	733.4	666.8	607.5	563.0	511.2
-27.5°	1274.3	1155.7	1059.4	963.1	866.8	792.7	718.6	659.4	607.5	555.6	503.8
-30°	1192.8	1096.5	1000.1	911.2	844.6	770.5	703.8	644.5	600.1	548.2	496.4
-32.5°	1111.3	1022.4	940.9	874.2	814.9	755.7	696.4	637.1	585.3	533.4	481.6
-35°	1037.2	955.7	896.4	837.2	792.7	740.8	681.6	622.3	577.9	526.0	481.6
-37.5°	963.1	903.8	852.0	807.5	763.1	718.6	659.4	607.5	563.0	511.2	459.3
-40°	903.8	859.4	822.3	785.3	740.8	689.0	644.5	592.7	548.2	496.4	437.1
-42.5°	866.8	829.7	792.7	755.7	718.6	674.2	629.7	577.9	533.4	481.6	422.3
-45°	829.7	800.1	770.5	740.8	703.8	659.4	607.5	555.6	511.2	459.3	414.9
-47.5°	807.5	777.9	748.3	726.0	696.4	637.1	592.7	540.8	489.0	444.5	392.6
-50°	785.3	755.7	733.4	703.8	666.8	614.9	570.5	518.6	474.1	422.3	377.8
-52.5°	763.1	733.4	703.8	674.2	637.1	592.7	548.2	503.8	451.9	400.1	355.6
-55°	740.8	711.2	681.6	651.9	614.9	577.9	533.4	474.1	422.3	370.4	326.0
-57.5°	718.6	696.4	659.4	622.3	585.3	548.2	496.4	444.5	392.6	340.8	303.7
-60°	689.0	659.4	629.7	585.3	548.2	503.8	459.3	414.9	363.0	318.6	281.5
-62.5°	644.5	614.9	585.3	540.8	503.8	466.7	429.7	377.8	340.8	296.3	259.3
-65°	592.7	563.0	533.4	496.4	459.3	422.3	392.6	348.2	311.2	274.1	244.5
-67.5°	533.4	503.8	481.6	444.5	414.9	377.8	348.2	311.2	274.1	244.5	214.8
-70°	459.3	437.1	414.9	385.2	355.6	326.0	296.3	266.7	237.1	214.8	185.2
-72.5°	392.6	370.4	348.2	326.0	303.7	274.1	251.9	229.7	207.4	185.2	170.4
-75°	318.6	303.7	288.9	274.1	251.9	229.7	214.8	192.6	177.8	163.0	155.6
-77.5°	266.7	251.9	237.1	222.3	207.4	192.6	177.8	163.0	155.6	148.2	140.8
-80°	214.8	207.4	200.0	185.2	177.8	163.0	155.6	140.8	140.8	140.8	140.8
-82.5°	170.4	163.0	155.6	148.2	140.8	133.4	133.4	125.9	133.4	133.4	125.9
-85°	118.5	111.1	103.7	103.7	96.3	96.3	88.9	88.9	88.9	81.5	81.5
-87.5°	51.9	51.9	51.9	51.9	44.5	44.5	44.5	44.5	44.5	37.0	37.0
-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: P724270
 CATALOG NUMBER: IFLD-L-SA8D-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°	14.8	14.8	7.4	7.4	7.4	7.4	7.4	7.4	7.4	0.0	0.0
85°	29.6	29.6	22.2	22.2	22.2	14.8	14.8	7.4	7.4	7.4	7.4
82.5°	66.7	59.3	51.9	44.5	37.0	29.6	22.2	14.8	14.8	7.4	7.4
80°	81.5	81.5	81.5	74.1	59.3	44.5	29.6	22.2	14.8	7.4	7.4
77.5°	59.3	59.3	66.7	74.1	74.1	59.3	37.0	22.2	14.8	14.8	7.4
75°	44.5	44.5	44.5	51.9	59.3	59.3	44.5	29.6	14.8	14.8	7.4
72.5°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	29.6	22.2	14.8	14.8
70°	37.0	37.0	37.0	37.0	37.0	37.0	37.0	29.6	22.2	14.8	14.8
67.5°	29.6	29.6	37.0	37.0	37.0	29.6	29.6	29.6	22.2	14.8	14.8
65°	22.2	29.6	29.6	37.0	29.6	29.6	29.6	22.2	22.2	14.8	14.8
62.5°	22.2	22.2	29.6	29.6	29.6	29.6	22.2	22.2	22.2	14.8	14.8
60°	22.2	22.2	22.2	29.6	22.2	22.2	22.2	22.2	22.2	14.8	14.8
57.5°	22.2	22.2	22.2	22.2	22.2	22.2	22.2	14.8	14.8	14.8	14.8
55°	22.2	22.2	22.2	22.2	22.2	22.2	14.8	14.8	14.8	14.8	14.8
52.5°	29.6	22.2	22.2	22.2	22.2	22.2	14.8	14.8	14.8	14.8	14.8
50°	37.0	22.2	22.2	22.2	22.2	14.8	14.8	14.8	14.8	14.8	14.8
47.5°	51.9	37.0	29.6	22.2	22.2	14.8	14.8	14.8	14.8	14.8	7.4
45°	74.1	51.9	37.0	29.6	22.2	14.8	14.8	14.8	14.8	14.8	7.4
42.5°	88.9	66.7	44.5	37.0	29.6	22.2	14.8	14.8	14.8	7.4	7.4
40°	111.1	88.9	59.3	44.5	29.6	22.2	14.8	14.8	14.8	7.4	7.4
37.5°	140.8	111.1	74.1	51.9	37.0	22.2	22.2	14.8	14.8	7.4	7.4
35°	163.0	125.9	96.3	59.3	44.5	29.6	22.2	14.8	14.8	7.4	7.4
32.5°	185.2	148.2	118.5	74.1	51.9	37.0	29.6	14.8	14.8	7.4	7.4
30°	207.4	170.4	133.4	96.3	66.7	44.5	29.6	14.8	14.8	7.4	7.4
27.5°	229.7	185.2	148.2	111.1	74.1	51.9	37.0	22.2	14.8	7.4	7.4
25°	251.9	207.4	163.0	125.9	81.5	59.3	37.0	22.2	14.8	14.8	7.4
22.5°	266.7	229.7	185.2	140.8	96.3	66.7	44.5	29.6	14.8	14.8	7.4
20°	288.9	251.9	200.0	155.6	111.1	74.1	44.5	29.6	14.8	14.8	7.4
17.5°	311.2	266.7	214.8	170.4	125.9	81.5	51.9	37.0	14.8	14.8	7.4
15°	333.4	281.5	229.7	177.8	133.4	88.9	51.9	37.0	14.8	14.8	7.4
12.5°	355.6	303.7	244.5	192.6	140.8	96.3	59.3	44.5	22.2	14.8	7.4
10°	370.4	318.6	259.3	200.0	148.2	111.1	66.7	44.5	22.2	14.8	7.4
7.5°	392.6	333.4	274.1	214.8	155.6	118.5	74.1	44.5	22.2	14.8	7.4
5°	400.1	348.2	281.5	229.7	163.0	125.9	81.5	51.9	22.2	14.8	7.4
2.5°	407.5	363.0	288.9	237.1	170.4	125.9	81.5	51.9	29.6	14.8	7.4
0°	414.9	370.4	296.3	244.5	177.8	133.4	88.9	51.9	29.6	14.8	7.4
-2.5°	422.3	377.8	311.2	251.9	185.2	140.8	96.3	51.9	29.6	14.8	7.4
-5°	429.7	377.8	326.0	259.3	192.6	140.8	96.3	59.3	37.0	14.8	7.4
-7.5°	437.1	385.2	333.4	266.7	200.0	140.8	103.7	59.3	37.0	22.2	7.4
-10°	444.5	392.6	340.8	274.1	200.0	148.2	103.7	59.3	37.0	22.2	7.4
-12.5°	451.9	400.1	340.8	274.1	207.4	148.2	103.7	66.7	37.0	22.2	7.4
-15°	459.3	400.1	340.8	274.1	207.4	155.6	111.1	66.7	37.0	22.2	14.8
-17.5°	459.3	400.1	340.8	281.5	207.4	155.6	111.1	66.7	37.0	22.2	14.8
-20°	459.3	400.1	340.8	281.5	207.4	155.6	111.1	66.7	37.0	22.2	14.8



REPORT NUMBER: P724270

CATALOG NUMBER: IFLD-L-SA8D-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°	451.9	392.6	340.8	274.1	207.4	155.6	111.1	66.7	44.5	22.2	14.8
-25°	451.9	392.6	340.8	274.1	207.4	155.6	103.7	66.7	44.5	22.2	14.8
-27.5°	444.5	392.6	333.4	266.7	200.0	148.2	103.7	66.7	44.5	22.2	14.8
-30°	437.1	385.2	326.0	259.3	200.0	148.2	103.7	66.7	44.5	22.2	14.8
-32.5°	429.7	370.4	318.6	251.9	192.6	140.8	103.7	66.7	44.5	22.2	14.8
-35°	414.9	363.0	303.7	244.5	185.2	140.8	96.3	66.7	44.5	29.6	14.8
-37.5°	400.1	348.2	296.3	237.1	177.8	133.4	96.3	66.7	44.5	29.6	14.8
-40°	385.2	340.8	281.5	222.3	170.4	125.9	96.3	66.7	44.5	29.6	22.2
-42.5°	370.4	326.0	274.1	214.8	170.4	125.9	88.9	66.7	44.5	29.6	22.2
-45°	363.0	318.6	259.3	207.4	163.0	125.9	88.9	59.3	44.5	29.6	22.2
-47.5°	348.2	296.3	244.5	200.0	155.6	118.5	81.5	59.3	44.5	29.6	22.2
-50°	326.0	281.5	237.1	192.6	148.2	111.1	81.5	59.3	44.5	29.6	22.2
-52.5°	303.7	259.3	222.3	177.8	140.8	111.1	81.5	59.3	44.5	29.6	22.2
-55°	281.5	244.5	207.4	170.4	133.4	103.7	74.1	59.3	44.5	29.6	22.2
-57.5°	266.7	229.7	192.6	155.6	125.9	96.3	74.1	51.9	37.0	29.6	22.2
-60°	251.9	214.8	177.8	148.2	118.5	96.3	74.1	51.9	37.0	29.6	14.8
-62.5°	229.7	200.0	163.0	140.8	111.1	88.9	66.7	51.9	37.0	29.6	14.8
-65°	207.4	177.8	148.2	125.9	103.7	81.5	66.7	51.9	37.0	29.6	14.8
-67.5°	185.2	163.0	140.8	118.5	96.3	81.5	66.7	51.9	37.0	22.2	14.8
-70°	170.4	148.2	125.9	111.1	96.3	74.1	66.7	51.9	37.0	22.2	14.8
-72.5°	148.2	133.4	118.5	103.7	88.9	81.5	66.7	51.9	29.6	22.2	14.8
-75°	140.8	125.9	111.1	103.7	96.3	81.5	66.7	44.5	29.6	22.2	14.8
-77.5°	140.8	125.9	118.5	111.1	96.3	81.5	59.3	37.0	22.2	22.2	14.8
-80°	140.8	133.4	125.9	103.7	88.9	66.7	44.5	37.0	22.2	14.8	7.4
-82.5°	125.9	103.7	88.9	74.1	66.7	51.9	37.0	29.6	14.8	14.8	7.4
-85°	81.5	66.7	59.3	51.9	44.5	37.0	22.2	14.8	14.8	7.4	7.4
-87.5°	37.0	37.0	29.6	22.2	22.2	14.8	14.8	7.4	7.4	7.4	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: P724270
 CATALOG NUMBER: IFLD-L-SA8D-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°	7.4	0.0	0.0	0.0
77.5°	7.4	0.0	0.0	0.0
75°	7.4	7.4	0.0	0.0
72.5°	7.4	7.4	0.0	0.0
70°	7.4	7.4	0.0	0.0
67.5°	7.4	7.4	0.0	0.0
65°	7.4	7.4	0.0	0.0
62.5°	7.4	7.4	0.0	0.0
60°	7.4	7.4	0.0	0.0
57.5°	7.4	7.4	7.4	0.0
55°	7.4	7.4	7.4	0.0
52.5°	7.4	7.4	7.4	0.0
50°	7.4	7.4	7.4	0.0
47.5°	7.4	7.4	7.4	0.0
45°	7.4	7.4	7.4	0.0
42.5°	7.4	7.4	7.4	0.0
40°	7.4	7.4	7.4	0.0
37.5°	7.4	7.4	7.4	0.0
35°	7.4	7.4	7.4	0.0
32.5°	7.4	7.4	7.4	0.0
30°	7.4	7.4	7.4	0.0
27.5°	7.4	7.4	7.4	0.0
25°	7.4	7.4	7.4	0.0
22.5°	7.4	7.4	7.4	0.0
20°	7.4	7.4	7.4	0.0
17.5°	7.4	7.4	7.4	0.0
15°	7.4	7.4	7.4	0.0
12.5°	7.4	7.4	7.4	0.0
10°	7.4	7.4	7.4	0.0
7.5°	7.4	7.4	7.4	0.0
5°	7.4	7.4	7.4	0.0
2.5°	7.4	7.4	7.4	0.0
0°	7.4	7.4	7.4	0.0
-2.5°	7.4	7.4	7.4	0.0
-5°	7.4	7.4	7.4	0.0
-7.5°	7.4	7.4	7.4	0.0
-10°	7.4	7.4	7.4	0.0
-12.5°	7.4	7.4	7.4	0.0
-15°	7.4	7.4	7.4	0.0
-17.5°	7.4	7.4	7.4	0.0
-20°	7.4	7.4	7.4	0.0



REPORT NUMBER: P724270

CATALOG NUMBER: IFLD-L-SA8D-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	7.4	7.4	7.4	0.0
-25°	7.4	7.4	7.4	0.0
-27.5°	7.4	7.4	7.4	0.0
-30°	7.4	7.4	7.4	0.0
-32.5°	7.4	7.4	7.4	0.0
-35°	7.4	7.4	7.4	0.0
-37.5°	7.4	7.4	7.4	0.0
-40°	7.4	7.4	7.4	0.0
-42.5°	7.4	7.4	7.4	0.0
-45°	7.4	7.4	7.4	0.0
-47.5°	7.4	7.4	7.4	0.0
-50°	7.4	7.4	7.4	0.0
-52.5°	7.4	7.4	7.4	0.0
-55°	7.4	7.4	7.4	0.0
-57.5°	7.4	7.4	7.4	0.0
-60°	7.4	7.4	0.0	0.0
-62.5°	7.4	7.4	0.0	0.0
-65°	7.4	7.4	0.0	0.0
-67.5°	7.4	7.4	0.0	0.0
-70°	7.4	7.4	0.0	0.0
-72.5°	7.4	7.4	0.0	0.0
-75°	7.4	7.4	0.0	0.0
-77.5°	7.4	0.0	0.0	0.0
-80°	7.4	0.0	0.0	0.0
-82.5°	7.4	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)