

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: P724066

Luminaire Tested: **IFLD-L-SA8C-727-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724066
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-727-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (128) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

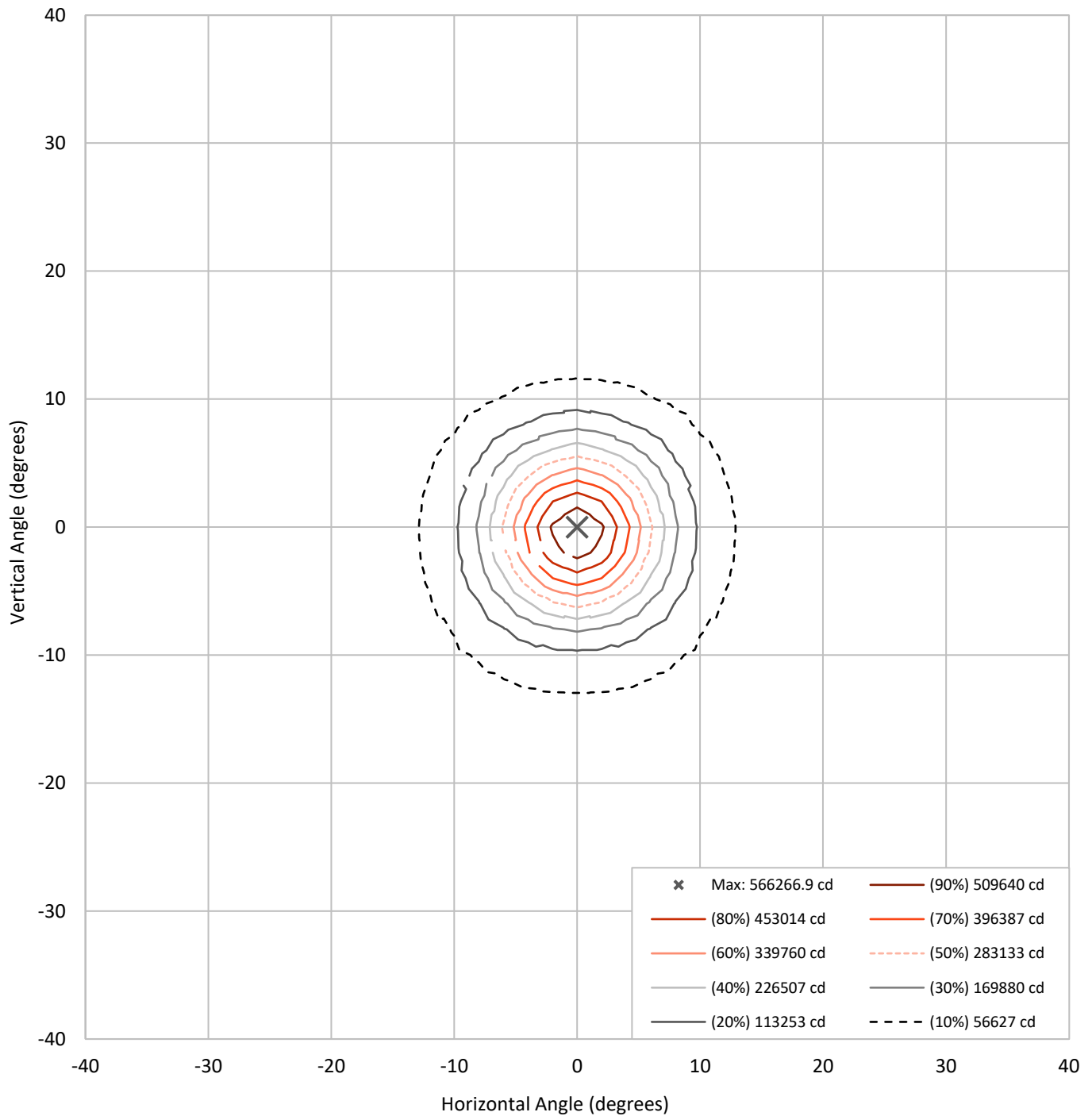
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	39554 lumens	Max Intensity:	566266.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	12374.3 lumens	Field Lumens:	28156 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



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Iso-Candela Plot



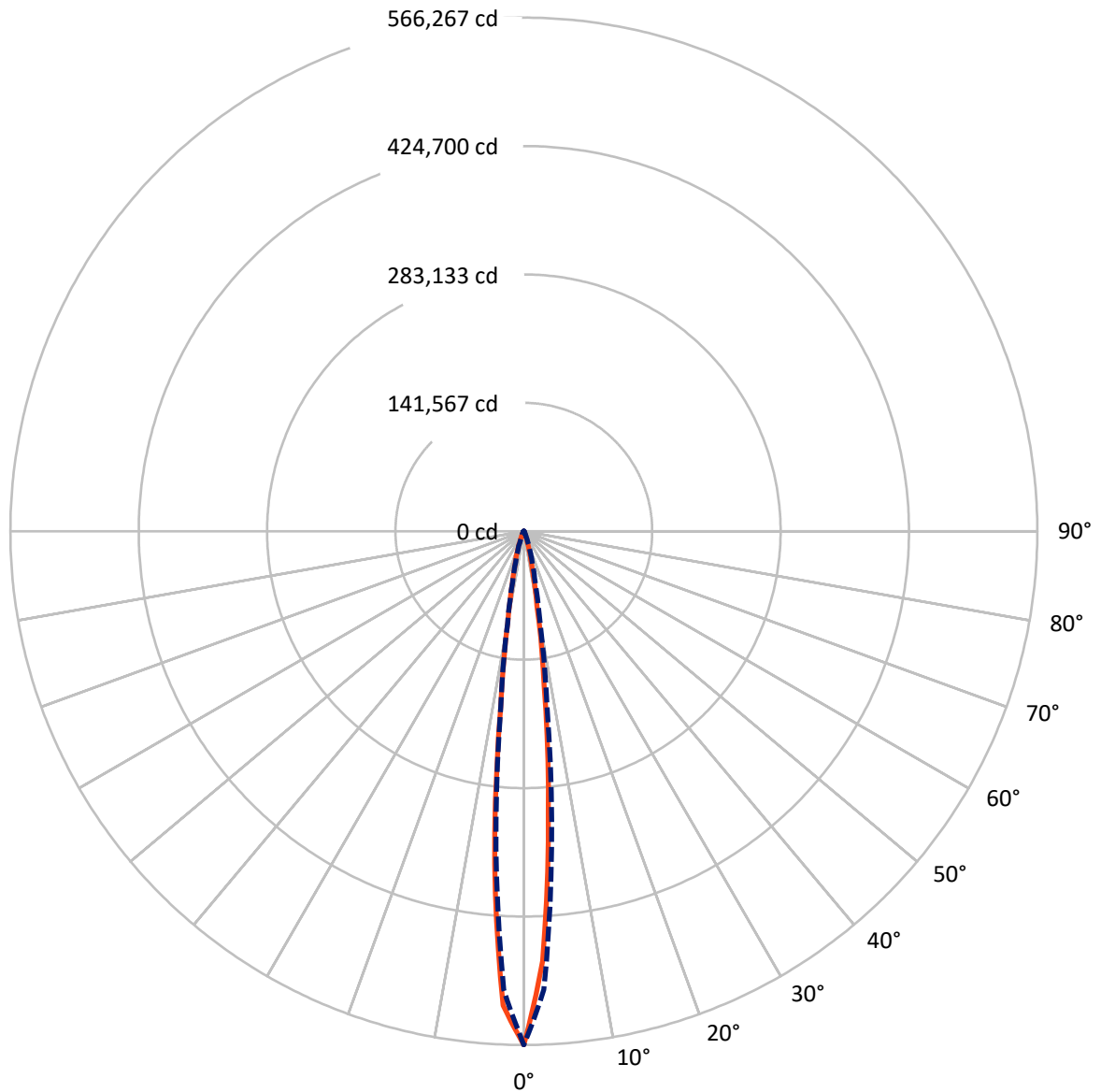
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Lumen Table

90	0.3	2.4		2.0		0.9		0.1		0.9		2.0		2.4		0.3			
80	0.3	2.4		2.0		0.9		0.1		0.9		2.0		2.4		0.3			
70	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.3	0.3	0.3	0.4	0.4	0.4	0.3			
60		0.3	0.4	1.1	2.0	3.1	3.8	4.4	4.4	3.8	3.1	2.0	1.1	0.4	0.3				
50	0.2	0.3	1.3	3.2	5.6	8.0	10.5	12.4	12.4	10.5	8.0	5.6	3.2	1.3	0.3	0.2			
40		0.6	2.7	6.0	10.1	15.9	24.0	28.8	28.8	24.0	15.9	10.1	6.0	2.7	0.6				
30	0.4	1.2	4.2	8.7	15.9	27.4	52.8	85.1	85.1	52.8	27.4	15.9	8.7	4.2	1.2	0.4			
20		1.7	5.7	11.9	24.1	59.7	311.6	788.4	788.4	311.6	59.7	24.1	11.9	5.7	1.7				
10	0.6	2.2	6.8	14.0	29.4	121.2	1003.7	6184.8	6184.8	1003.7	121.2	29.4	14.0	6.8	2.2	0.6			
0		2.5	7.4	14.8	30.6	138.1	1104.4	6811.2	6811.2	1104.4	138.1	30.6	14.8	7.4	2.5				
-10	0.8	2.7	7.7	14.7	28.7	82.8	495.7	1194.5	1194.5	495.7	82.8	28.7	14.7	7.7	2.7	0.8			
-20		2.7	7.6	13.9	24.3	42.2	102.4	192.4	192.4	102.4	42.2	24.3	13.9	7.6	2.7				
-30	0.8	2.4	7.0	12.9	20.2	29.9	42.3	49.7	49.7	42.3	29.9	20.2	12.9	7.0	2.4	0.8			
-40		2.1	6.1	11.6	17.6	23.2	29.4	32.7	32.7	29.4	23.2	17.6	11.6	6.1	2.1				
-50	0.7	1.7	4.8	9.8	15.4	20.3	24.9	27.2	27.2	24.9	20.3	15.4	9.8	4.8	1.7	0.7			
-60		1.3	3.5	7.2	11.8	16.2	20.4	22.7	22.7	20.4	16.2	11.8	7.2	3.5	1.3				
-70	0.4	5.4		14.8		27.3		33.0		27.3		14.8		5.4		0.4			
-80		5.4		14.8		27.3		33.0		27.3		14.8		5.4					
-90	0.4	5.4		14.8		27.3		33.0		27.3		14.8		5.4		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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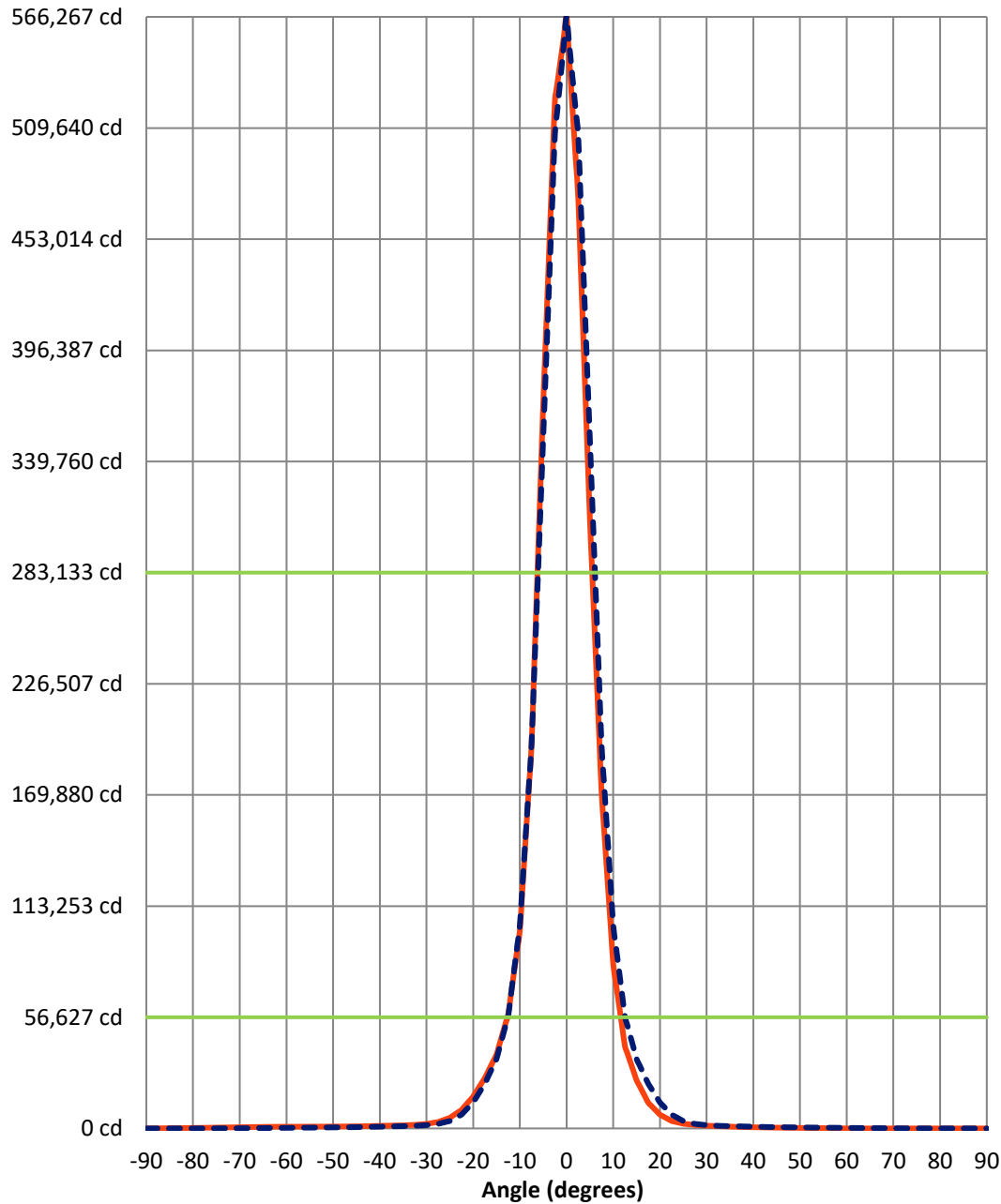
Luminous Intensity Polar Plot



— 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: 12374.3
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 28156
 Efficiency: 71.2%

Spill:
 Lumens: 11398
 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	7.1	7.1
85°	0.0	0.0	0.0	0.0	7.1	7.1	7.1	7.1	7.1	14.2	14.2
82.5°	0.0	0.0	0.0	0.0	7.1	7.1	7.1	7.1	14.2	14.2	14.2
80°	0.0	0.0	0.0	0.0	7.1	7.1	7.1	7.1	14.2	14.2	14.2
77.5°	0.0	0.0	0.0	0.0	7.1	7.1	7.1	7.1	7.1	7.1	14.2
75°	0.0	0.0	0.0	0.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1
72.5°	0.0	0.0	0.0	0.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1
70°	0.0	0.0	0.0	0.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1
67.5°	0.0	0.0	0.0	0.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1
65°	0.0	0.0	0.0	0.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1
62.5°	0.0	0.0	0.0	0.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1
60°	14.2	14.2	14.2	14.2	21.3	21.3	28.3	28.3	28.3	14.2	28.3
57.5°	113.4	113.4	106.3	99.2	92.1	85.0	85.0	85.0	85.0	85.0	70.9
55°	155.9	155.9	155.9	148.8	148.8	141.7	134.6	127.6	127.6	120.5	113.4
52.5°	184.2	184.2	184.2	184.2	177.2	177.2	177.2	170.1	155.9	155.9	148.8
50°	262.2	255.1	255.1	255.1	255.1	240.9	233.8	219.7	212.6	205.5	198.4
47.5°	340.1	340.1	333.1	333.1	326.0	311.8	297.6	283.4	269.3	262.2	248.0
45°	403.9	403.9	396.8	396.8	389.7	375.6	354.3	333.1	318.9	304.7	290.5
42.5°	496.0	488.9	481.9	474.8	460.6	439.3	411.0	382.7	361.4	340.1	326.0
40°	595.2	595.2	588.2	581.1	559.8	538.6	503.1	467.7	432.3	389.7	368.5
37.5°	715.7	722.8	729.9	729.9	715.7	687.4	637.8	595.2	538.6	481.9	453.5
35°	935.4	935.4	949.6	949.6	928.3	892.9	857.4	765.3	694.4	623.6	559.8
32.5°	1176.3	1183.4	1155.1	1133.8	1105.5	1062.9	999.2	921.2	843.3	751.1	680.3
30°	1410.2	1410.2	1374.7	1332.2	1275.5	1204.7	1126.7	1041.7	949.6	857.4	772.4
27.5°	1778.6	1743.2	1714.9	1644.0	1544.8	1410.2	1311.0	1176.3	1055.8	949.6	857.4
25°	2388.1	2381.0	2317.2	2196.7	1998.3	1785.7	1622.7	1396.0	1211.7	1048.8	942.5
22.5°	3798.2	3748.6	3599.8	3302.2	2834.5	2466.0	2133.0	1778.6	1445.6	1225.9	1055.8
20°	7022.4	6859.5	6462.6	5640.6	4591.9	3869.1	3040.0	2444.7	1884.9	1473.9	1218.8
17.5°	13102.4	12996.1	12847.3	10948.2	8815.3	7284.6	5421.0	3748.6	2678.6	1927.5	1445.6
15°	24560.8	23774.3	22130.3	19855.6	16872.3	13038.6	9587.7	6051.6	3826.6	2565.2	1835.3
12.5°	41985.9	41114.2	36869.6	31179.4	25815.1	20358.7	14292.9	9197.9	5449.3	3259.7	2175.5
10°	83659.9	77331.9	65448.3	48845.3	38123.9	28429.9	20068.2	12549.7	7093.3	4117.1	2579.4
7.5°	171351.9	150674.3	116107.7	81966.3	53054.5	37287.7	25630.9	16411.7	9453.0	5151.7	2947.9
5°	310567.8	273882.4	206336.5	124242.7	77041.4	46733.6	30414.1	19515.4	11189.1	5994.9	3316.4
2.5°	474216.9	426760.5	298308.6	170841.7	94997.9	54046.6	33758.8	21556.3	12294.6	6568.9	3599.8
0°	566266.9	505821.5	351306.4	195593.8	103550.9	57150.4	35395.7	22782.2	13230.0	7036.6	3784.0
-2.5°	523090.6	474429.5	322855.3	181690.7	98952.0	55789.8	35629.5	23086.9	13385.9	7164.2	3869.1
-5°	368674.8	328736.8	223393.1	134078.4	83957.5	51389.3	33617.0	21938.9	12953.6	6979.9	3833.6
-7.5°	195048.2	176978.3	132484.0	96344.2	61281.6	43495.2	30265.2	19905.2	11834.0	6483.9	3621.1
-10°	100773.1	97067.0	83645.7	63053.2	49589.4	36437.3	25829.3	17021.1	9892.4	5583.9	3259.7
-12.5°	58099.9	57469.2	53153.7	45628.2	38024.7	29932.2	21194.9	13881.9	8255.4	4627.3	2749.5
-15°	37620.7	37890.0	36387.7	33255.6	28925.9	22399.5	16284.1	10324.6	6108.3	3748.6	2423.5
-17.5°	25673.4	25602.5	24901.0	22753.9	19267.4	15129.1	10792.3	7291.7	4627.3	2919.5	2012.5
-20°	16241.6	16270.0	15618.0	14137.0	11571.8	9325.5	6717.7	4917.8	3280.9	2295.9	1778.6



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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°	9424.7	9445.9	9034.9	8198.8	6852.4	5527.3	4365.1	3252.6	2416.4	1913.3	1559.0
-25°	5413.9	5328.8	5165.9	4761.9	4131.3	3408.5	2898.3	2288.8	1934.5	1622.7	1424.3
-27.5°	3280.9	3224.2	3139.2	2962.0	2714.0	2352.6	2118.8	1849.5	1644.0	1459.8	1339.3
-30°	2288.8	2310.1	2239.2	2147.1	2033.7	1870.8	1743.2	1615.7	1481.0	1367.6	1254.3
-32.5°	1821.2	1835.3	1799.9	1764.5	1707.8	1644.0	1566.1	1473.9	1367.6	1261.3	1155.1
-35°	1566.1	1573.1	1573.1	1566.1	1551.9	1502.3	1445.6	1360.6	1261.3	1162.1	1070.0
-37.5°	1438.5	1445.6	1445.6	1438.5	1417.2	1374.7	1318.0	1247.2	1155.1	1062.9	992.1
-40°	1303.9	1311.0	1303.9	1289.7	1268.4	1225.9	1183.4	1126.7	1055.8	977.9	914.1
-42.5°	1176.3	1169.2	1162.1	1148.0	1126.7	1098.4	1062.9	1020.4	970.8	914.1	864.5
-45°	1055.8	1055.8	1048.8	1041.7	1027.5	1006.2	985.0	949.6	914.1	871.6	829.1
-47.5°	992.1	992.1	985.0	977.9	970.8	956.6	935.4	907.0	878.7	843.3	807.8
-50°	949.6	949.6	949.6	942.5	935.4	921.2	899.9	878.7	850.3	814.9	779.5
-52.5°	921.2	921.2	921.2	914.1	907.0	899.9	878.7	850.3	814.9	786.6	758.2
-55°	907.0	899.9	899.9	892.9	885.8	878.7	850.3	822.0	793.7	765.3	737.0
-57.5°	885.8	878.7	878.7	871.6	864.5	857.4	829.1	800.7	772.4	737.0	715.7
-60°	864.5	857.4	857.4	843.3	836.2	829.1	800.7	772.4	744.1	715.7	687.4
-62.5°	836.2	829.1	822.0	814.9	800.7	786.6	765.3	737.0	701.5	673.2	644.8
-65°	772.4	765.3	758.2	751.1	744.1	737.0	715.7	680.3	651.9	623.6	595.2
-67.5°	694.4	694.4	694.4	680.3	673.2	659.0	644.8	616.5	588.2	559.8	538.6
-70°	602.3	602.3	602.3	588.2	581.1	574.0	552.7	531.5	510.2	488.9	460.6
-72.5°	510.2	503.1	503.1	496.0	481.9	474.8	460.6	446.4	425.2	411.0	389.7
-75°	418.1	411.0	411.0	403.9	396.8	389.7	375.6	368.5	354.3	340.1	318.9
-77.5°	333.1	333.1	333.1	326.0	318.9	311.8	304.7	297.6	290.5	276.4	262.2
-80°	255.1	255.1	255.1	255.1	255.1	255.1	255.1	248.0	233.8	226.8	219.7
-82.5°	184.2	191.3	191.3	191.3	191.3	191.3	191.3	191.3	184.2	177.2	170.1
-85°	120.5	127.6	127.6	134.6	141.7	141.7	148.8	141.7	134.6	120.5	113.4
-87.5°	63.8	63.8	63.8	63.8	63.8	63.8	63.8	56.7	56.7	56.7	49.6
-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°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	14.2	14.2	14.2
85°	14.2	14.2	14.2	14.2	21.3	21.3	21.3	28.3	28.3	28.3	28.3
82.5°	14.2	21.3	21.3	21.3	28.3	28.3	35.4	42.5	56.7	63.8	63.8
80°	14.2	21.3	21.3	21.3	28.3	28.3	35.4	35.4	42.5	49.6	63.8
77.5°	14.2	14.2	21.3	21.3	21.3	28.3	28.3	35.4	35.4	42.5	49.6
75°	7.1	14.2	14.2	14.2	21.3	21.3	28.3	28.3	35.4	35.4	42.5
72.5°	7.1	14.2	14.2	14.2	21.3	21.3	28.3	28.3	28.3	35.4	35.4
70°	7.1	14.2	14.2	14.2	14.2	21.3	21.3	21.3	28.3	28.3	28.3
67.5°	7.1	7.1	7.1	14.2	14.2	14.2	14.2	21.3	21.3	21.3	28.3
65°	7.1	7.1	7.1	7.1	14.2	14.2	14.2	14.2	21.3	21.3	21.3
62.5°	7.1	7.1	7.1	14.2	14.2	14.2	14.2	14.2	21.3	21.3	21.3
60°	28.3	28.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
57.5°	63.8	63.8	56.7	49.6	42.5	42.5	35.4	28.3	28.3	21.3	21.3
55°	106.3	99.2	92.1	77.9	70.9	63.8	56.7	42.5	35.4	28.3	21.3
52.5°	134.6	127.6	120.5	113.4	99.2	85.0	77.9	70.9	56.7	42.5	35.4
50°	198.4	177.2	163.0	148.8	134.6	120.5	106.3	99.2	77.9	63.8	49.6
47.5°	240.9	226.8	205.5	191.3	177.2	155.9	134.6	120.5	106.3	85.0	63.8
45°	276.4	262.2	240.9	226.8	212.6	191.3	170.1	148.8	134.6	113.4	85.0
42.5°	311.8	297.6	276.4	262.2	240.9	219.7	198.4	177.2	155.9	141.7	113.4
40°	361.4	340.1	311.8	297.6	283.4	255.1	226.8	205.5	184.2	163.0	134.6
37.5°	425.2	403.9	368.5	340.1	318.9	297.6	269.3	240.9	219.7	191.3	163.0
35°	524.4	488.9	439.3	396.8	368.5	340.1	304.7	276.4	248.0	219.7	191.3
32.5°	623.6	566.9	503.1	453.5	411.0	375.6	340.1	311.8	276.4	240.9	212.6
30°	701.5	637.8	574.0	503.1	453.5	411.0	375.6	340.1	304.7	269.3	233.8
27.5°	779.5	708.6	637.8	566.9	496.0	439.3	403.9	368.5	333.1	297.6	255.1
25°	857.4	779.5	708.6	630.7	545.6	481.9	432.3	403.9	368.5	326.0	276.4
22.5°	928.3	857.4	786.6	701.5	602.3	517.3	467.7	432.3	396.8	347.2	304.7
20°	1062.9	970.8	885.8	779.5	666.1	581.1	517.3	467.7	425.2	375.6	326.0
17.5°	1240.1	1105.5	992.1	871.6	758.2	651.9	559.8	503.1	460.6	403.9	347.2
15°	1466.8	1233.0	1091.3	970.8	836.2	715.7	616.5	538.6	481.9	425.2	375.6
12.5°	1636.9	1332.2	1176.3	1062.9	921.2	786.6	659.0	566.9	503.1	446.4	389.7
10°	1828.2	1438.5	1247.2	1119.6	970.8	822.0	687.4	588.2	517.3	467.7	411.0
7.5°	1984.1	1523.5	1282.6	1140.9	999.2	850.3	715.7	609.4	538.6	481.9	425.2
5°	2125.9	1594.4	1311.0	1148.0	1013.3	871.6	729.9	623.6	552.7	496.0	439.3
2.5°	2225.1	1658.2	1339.3	1162.1	1027.5	885.8	751.1	637.8	566.9	510.2	453.5
0°	2310.1	1679.4	1332.2	1162.1	1034.6	885.8	758.2	644.8	574.0	517.3	460.6
-2.5°	2338.5	1714.9	1367.6	1176.3	1048.8	899.9	772.4	651.9	581.1	524.4	474.8
-5°	2338.5	1686.5	1367.6	1190.5	1055.8	907.0	772.4	659.0	588.2	531.5	474.8
-7.5°	2253.4	1644.0	1360.6	1204.7	1062.9	914.1	772.4	666.1	595.2	538.6	481.9
-10°	2104.6	1580.2	1353.5	1211.7	1062.9	907.0	772.4	666.1	595.2	538.6	488.9
-12.5°	1863.7	1495.2	1318.0	1197.6	1048.8	892.9	765.3	666.1	595.2	545.6	488.9
-15°	1743.2	1424.3	1275.5	1155.1	1013.3	871.6	751.1	659.0	595.2	545.6	496.0
-17.5°	1580.2	1367.6	1233.0	1112.5	985.0	850.3	737.0	659.0	595.2	538.6	496.0
-20°	1466.8	1303.9	1183.4	1077.1	949.6	829.1	729.9	651.9	595.2	538.6	496.0



REPORT NUMBER: P724066

CATALOG NUMBER: IFLD-L-SA8C-727-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°	1367.6	1233.0	1126.7	1020.4	907.0	800.7	715.7	644.8	588.2	538.6	496.0
-25°	1289.7	1169.2	1070.0	970.8	871.6	779.5	701.5	637.8	581.1	538.6	488.9
-27.5°	1218.8	1105.5	1013.3	921.2	829.1	758.2	687.4	630.7	581.1	531.5	481.9
-30°	1140.9	1048.8	956.6	871.6	807.8	737.0	673.2	616.5	574.0	524.4	474.8
-32.5°	1062.9	977.9	899.9	836.2	779.5	722.8	666.1	609.4	559.8	510.2	460.6
-35°	992.1	914.1	857.4	800.7	758.2	708.6	651.9	595.2	552.7	503.1	460.6
-37.5°	921.2	864.5	814.9	772.4	729.9	687.4	630.7	581.1	538.6	488.9	439.3
-40°	864.5	822.0	786.6	751.1	708.6	659.0	616.5	566.9	524.4	474.8	418.1
-42.5°	829.1	793.7	758.2	722.8	687.4	644.8	602.3	552.7	510.2	460.6	403.9
-45°	793.7	765.3	737.0	708.6	673.2	630.7	581.1	531.5	488.9	439.3	396.8
-47.5°	772.4	744.1	715.7	694.4	666.1	609.4	566.9	517.3	467.7	425.2	375.6
-50°	751.1	722.8	701.5	673.2	637.8	588.2	545.6	496.0	453.5	403.9	361.4
-52.5°	729.9	701.5	673.2	644.8	609.4	566.9	524.4	481.9	432.3	382.7	340.1
-55°	708.6	680.3	651.9	623.6	588.2	552.7	510.2	453.5	403.9	354.3	311.8
-57.5°	687.4	666.1	630.7	595.2	559.8	524.4	474.8	425.2	375.6	326.0	290.5
-60°	659.0	630.7	602.3	559.8	524.4	481.9	439.3	396.8	347.2	304.7	269.3
-62.5°	616.5	588.2	559.8	517.3	481.9	446.4	411.0	361.4	326.0	283.4	248.0
-65°	566.9	538.6	510.2	474.8	439.3	403.9	375.6	333.1	297.6	262.2	233.8
-67.5°	510.2	481.9	460.6	425.2	396.8	361.4	333.1	297.6	262.2	233.8	205.5
-70°	439.3	418.1	396.8	368.5	340.1	311.8	283.4	255.1	226.8	205.5	177.2
-72.5°	375.6	354.3	333.1	311.8	290.5	262.2	240.9	219.7	198.4	177.2	163.0
-75°	304.7	290.5	276.4	262.2	240.9	219.7	205.5	184.2	170.1	155.9	148.8
-77.5°	255.1	240.9	226.8	212.6	198.4	184.2	170.1	155.9	148.8	141.7	134.6
-80°	205.5	198.4	191.3	177.2	170.1	155.9	148.8	134.6	134.6	134.6	134.6
-82.5°	163.0	155.9	148.8	141.7	134.6	127.6	127.6	120.5	127.6	127.6	120.5
-85°	113.4	106.3	99.2	99.2	92.1	92.1	85.0	85.0	85.0	77.9	77.9
-87.5°	49.6	49.6	49.6	49.6	42.5	42.5	42.5	42.5	42.5	35.4	35.4
-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: P724066
 CATALOG NUMBER: IFLD-L-SA8C-727-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°	14.2	14.2	7.1	7.1	7.1	7.1	7.1	7.1	7.1	0.0	0.0
85°	28.3	28.3	21.3	21.3	21.3	14.2	14.2	7.1	7.1	7.1	7.1
82.5°	63.8	56.7	49.6	42.5	35.4	28.3	21.3	14.2	14.2	7.1	7.1
80°	77.9	77.9	77.9	70.9	56.7	42.5	28.3	21.3	14.2	7.1	7.1
77.5°	56.7	56.7	63.8	70.9	70.9	56.7	35.4	21.3	14.2	14.2	7.1
75°	42.5	42.5	42.5	49.6	56.7	56.7	42.5	28.3	14.2	14.2	7.1
72.5°	42.5	42.5	42.5	42.5	42.5	42.5	42.5	28.3	21.3	14.2	14.2
70°	35.4	35.4	35.4	35.4	35.4	35.4	35.4	28.3	21.3	14.2	14.2
67.5°	28.3	28.3	35.4	35.4	35.4	28.3	28.3	28.3	21.3	14.2	14.2
65°	21.3	28.3	28.3	35.4	28.3	28.3	28.3	21.3	21.3	14.2	14.2
62.5°	21.3	21.3	28.3	28.3	28.3	28.3	21.3	21.3	21.3	14.2	14.2
60°	21.3	21.3	21.3	28.3	21.3	21.3	21.3	21.3	21.3	14.2	14.2
57.5°	21.3	21.3	21.3	21.3	21.3	21.3	21.3	14.2	14.2	14.2	14.2
55°	21.3	21.3	21.3	21.3	21.3	21.3	14.2	14.2	14.2	14.2	14.2
52.5°	28.3	21.3	21.3	21.3	21.3	21.3	14.2	14.2	14.2	14.2	14.2
50°	35.4	21.3	21.3	21.3	21.3	14.2	14.2	14.2	14.2	14.2	14.2
47.5°	49.6	35.4	28.3	21.3	21.3	14.2	14.2	14.2	14.2	14.2	7.1
45°	70.9	49.6	35.4	28.3	21.3	14.2	14.2	14.2	14.2	14.2	7.1
42.5°	85.0	63.8	42.5	35.4	28.3	21.3	14.2	14.2	14.2	7.1	7.1
40°	106.3	85.0	56.7	42.5	28.3	21.3	14.2	14.2	14.2	7.1	7.1
37.5°	134.6	106.3	70.9	49.6	35.4	21.3	21.3	14.2	14.2	7.1	7.1
35°	155.9	120.5	92.1	56.7	42.5	28.3	21.3	14.2	14.2	7.1	7.1
32.5°	177.2	141.7	113.4	70.9	49.6	35.4	28.3	14.2	14.2	7.1	7.1
30°	198.4	163.0	127.6	92.1	63.8	42.5	28.3	14.2	14.2	7.1	7.1
27.5°	219.7	177.2	141.7	106.3	70.9	49.6	35.4	21.3	14.2	7.1	7.1
25°	240.9	198.4	155.9	120.5	77.9	56.7	35.4	21.3	14.2	14.2	7.1
22.5°	255.1	219.7	177.2	134.6	92.1	63.8	42.5	28.3	14.2	14.2	7.1
20°	276.4	240.9	191.3	148.8	106.3	70.9	42.5	28.3	14.2	14.2	7.1
17.5°	297.6	255.1	205.5	163.0	120.5	77.9	49.6	35.4	14.2	14.2	7.1
15°	318.9	269.3	219.7	170.1	127.6	85.0	49.6	35.4	14.2	14.2	7.1
12.5°	340.1	290.5	233.8	184.2	134.6	92.1	56.7	42.5	21.3	14.2	7.1
10°	354.3	304.7	248.0	191.3	141.7	106.3	63.8	42.5	21.3	14.2	7.1
7.5°	375.6	318.9	262.2	205.5	148.8	113.4	70.9	42.5	21.3	14.2	7.1
5°	382.7	333.1	269.3	219.7	155.9	120.5	77.9	49.6	21.3	14.2	7.1
2.5°	389.7	347.2	276.4	226.8	163.0	120.5	77.9	49.6	28.3	14.2	7.1
0°	396.8	354.3	283.4	233.8	170.1	127.6	85.0	49.6	28.3	14.2	7.1
-2.5°	403.9	361.4	297.6	240.9	177.2	134.6	92.1	49.6	28.3	14.2	7.1
-5°	411.0	361.4	311.8	248.0	184.2	134.6	92.1	56.7	35.4	14.2	7.1
-7.5°	418.1	368.5	318.9	255.1	191.3	134.6	99.2	56.7	35.4	21.3	7.1
-10°	425.2	375.6	326.0	262.2	191.3	141.7	99.2	56.7	35.4	21.3	7.1
-12.5°	432.3	382.7	326.0	262.2	198.4	141.7	99.2	63.8	35.4	21.3	7.1
-15°	439.3	382.7	326.0	262.2	198.4	148.8	106.3	63.8	35.4	21.3	14.2
-17.5°	439.3	382.7	326.0	269.3	198.4	148.8	106.3	63.8	35.4	21.3	14.2
-20°	439.3	382.7	326.0	269.3	198.4	148.8	106.3	63.8	35.4	21.3	14.2



REPORT NUMBER: P724066
 CATALOG NUMBER: IFLD-L-SA8C-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	432.3	375.6	326.0	262.2	198.4	148.8	106.3	63.8	42.5	21.3	14.2
-25°	432.3	375.6	326.0	262.2	198.4	148.8	99.2	63.8	42.5	21.3	14.2
-27.5°	425.2	375.6	318.9	255.1	191.3	141.7	99.2	63.8	42.5	21.3	14.2
-30°	418.1	368.5	311.8	248.0	191.3	141.7	99.2	63.8	42.5	21.3	14.2
-32.5°	411.0	354.3	304.7	240.9	184.2	134.6	99.2	63.8	42.5	21.3	14.2
-35°	396.8	347.2	290.5	233.8	177.2	134.6	92.1	63.8	42.5	28.3	14.2
-37.5°	382.7	333.1	283.4	226.8	170.1	127.6	92.1	63.8	42.5	28.3	14.2
-40°	368.5	326.0	269.3	212.6	163.0	120.5	92.1	63.8	42.5	28.3	21.3
-42.5°	354.3	311.8	262.2	205.5	163.0	120.5	85.0	63.8	42.5	28.3	21.3
-45°	347.2	304.7	248.0	198.4	155.9	120.5	85.0	56.7	42.5	28.3	21.3
-47.5°	333.1	283.4	233.8	191.3	148.8	113.4	77.9	56.7	42.5	28.3	21.3
-50°	311.8	269.3	226.8	184.2	141.7	106.3	77.9	56.7	42.5	28.3	21.3
-52.5°	290.5	248.0	212.6	170.1	134.6	106.3	77.9	56.7	42.5	28.3	21.3
-55°	269.3	233.8	198.4	163.0	127.6	99.2	70.9	56.7	42.5	28.3	21.3
-57.5°	255.1	219.7	184.2	148.8	120.5	92.1	70.9	49.6	35.4	28.3	21.3
-60°	240.9	205.5	170.1	141.7	113.4	92.1	70.9	49.6	35.4	28.3	14.2
-62.5°	219.7	191.3	155.9	134.6	106.3	85.0	63.8	49.6	35.4	28.3	14.2
-65°	198.4	170.1	141.7	120.5	99.2	77.9	63.8	49.6	35.4	28.3	14.2
-67.5°	177.2	155.9	134.6	113.4	92.1	77.9	63.8	49.6	35.4	21.3	14.2
-70°	163.0	141.7	120.5	106.3	92.1	70.9	63.8	49.6	35.4	21.3	14.2
-72.5°	141.7	127.6	113.4	99.2	85.0	77.9	63.8	49.6	28.3	21.3	14.2
-75°	134.6	120.5	106.3	99.2	92.1	77.9	63.8	42.5	28.3	21.3	14.2
-77.5°	134.6	120.5	113.4	106.3	92.1	77.9	56.7	35.4	21.3	21.3	14.2
-80°	134.6	127.6	120.5	99.2	85.0	63.8	42.5	35.4	21.3	14.2	7.1
-82.5°	120.5	99.2	85.0	70.9	63.8	49.6	35.4	28.3	14.2	14.2	7.1
-85°	77.9	63.8	56.7	49.6	42.5	35.4	21.3	14.2	14.2	7.1	7.1
-87.5°	35.4	35.4	28.3	21.3	21.3	14.2	14.2	7.1	7.1	7.1	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: P724066
 CATALOG NUMBER: IFLD-L-SA8C-727-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°	7.1	0.0	0.0	0.0
77.5°	7.1	0.0	0.0	0.0
75°	7.1	7.1	0.0	0.0
72.5°	7.1	7.1	0.0	0.0
70°	7.1	7.1	0.0	0.0
67.5°	7.1	7.1	0.0	0.0
65°	7.1	7.1	0.0	0.0
62.5°	7.1	7.1	0.0	0.0
60°	7.1	7.1	0.0	0.0
57.5°	7.1	7.1	7.1	0.0
55°	7.1	7.1	7.1	0.0
52.5°	7.1	7.1	7.1	0.0
50°	7.1	7.1	7.1	0.0
47.5°	7.1	7.1	7.1	0.0
45°	7.1	7.1	7.1	0.0
42.5°	7.1	7.1	7.1	0.0
40°	7.1	7.1	7.1	0.0
37.5°	7.1	7.1	7.1	0.0
35°	7.1	7.1	7.1	0.0
32.5°	7.1	7.1	7.1	0.0
30°	7.1	7.1	7.1	0.0
27.5°	7.1	7.1	7.1	0.0
25°	7.1	7.1	7.1	0.0
22.5°	7.1	7.1	7.1	0.0
20°	7.1	7.1	7.1	0.0
17.5°	7.1	7.1	7.1	0.0
15°	7.1	7.1	7.1	0.0
12.5°	7.1	7.1	7.1	0.0
10°	7.1	7.1	7.1	0.0
7.5°	7.1	7.1	7.1	0.0
5°	7.1	7.1	7.1	0.0
2.5°	7.1	7.1	7.1	0.0
0°	7.1	7.1	7.1	0.0
-2.5°	7.1	7.1	7.1	0.0
-5°	7.1	7.1	7.1	0.0
-7.5°	7.1	7.1	7.1	0.0
-10°	7.1	7.1	7.1	0.0
-12.5°	7.1	7.1	7.1	0.0
-15°	7.1	7.1	7.1	0.0
-17.5°	7.1	7.1	7.1	0.0
-20°	7.1	7.1	7.1	0.0



REPORT NUMBER: P724066
CATALOG NUMBER: IFLD-L-SA8C-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	7.1	7.1	7.1	0.0
-25°	7.1	7.1	7.1	0.0
-27.5°	7.1	7.1	7.1	0.0
-30°	7.1	7.1	7.1	0.0
-32.5°	7.1	7.1	7.1	0.0
-35°	7.1	7.1	7.1	0.0
-37.5°	7.1	7.1	7.1	0.0
-40°	7.1	7.1	7.1	0.0
-42.5°	7.1	7.1	7.1	0.0
-45°	7.1	7.1	7.1	0.0
-47.5°	7.1	7.1	7.1	0.0
-50°	7.1	7.1	7.1	0.0
-52.5°	7.1	7.1	7.1	0.0
-55°	7.1	7.1	7.1	0.0
-57.5°	7.1	7.1	7.1	0.0
-60°	7.1	7.1	0.0	0.0
-62.5°	7.1	7.1	0.0	0.0
-65°	7.1	7.1	0.0	0.0
-67.5°	7.1	7.1	0.0	0.0
-70°	7.1	7.1	0.0	0.0
-72.5°	7.1	7.1	0.0	0.0
-75°	7.1	7.1	0.0	0.0
-77.5°	7.1	0.0	0.0	0.0
-80°	7.1	0.0	0.0	0.0
-82.5°	7.1	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)