

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: P722645

Luminaire Tested: **IFLD-M-SA4E-927-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722645
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-927-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

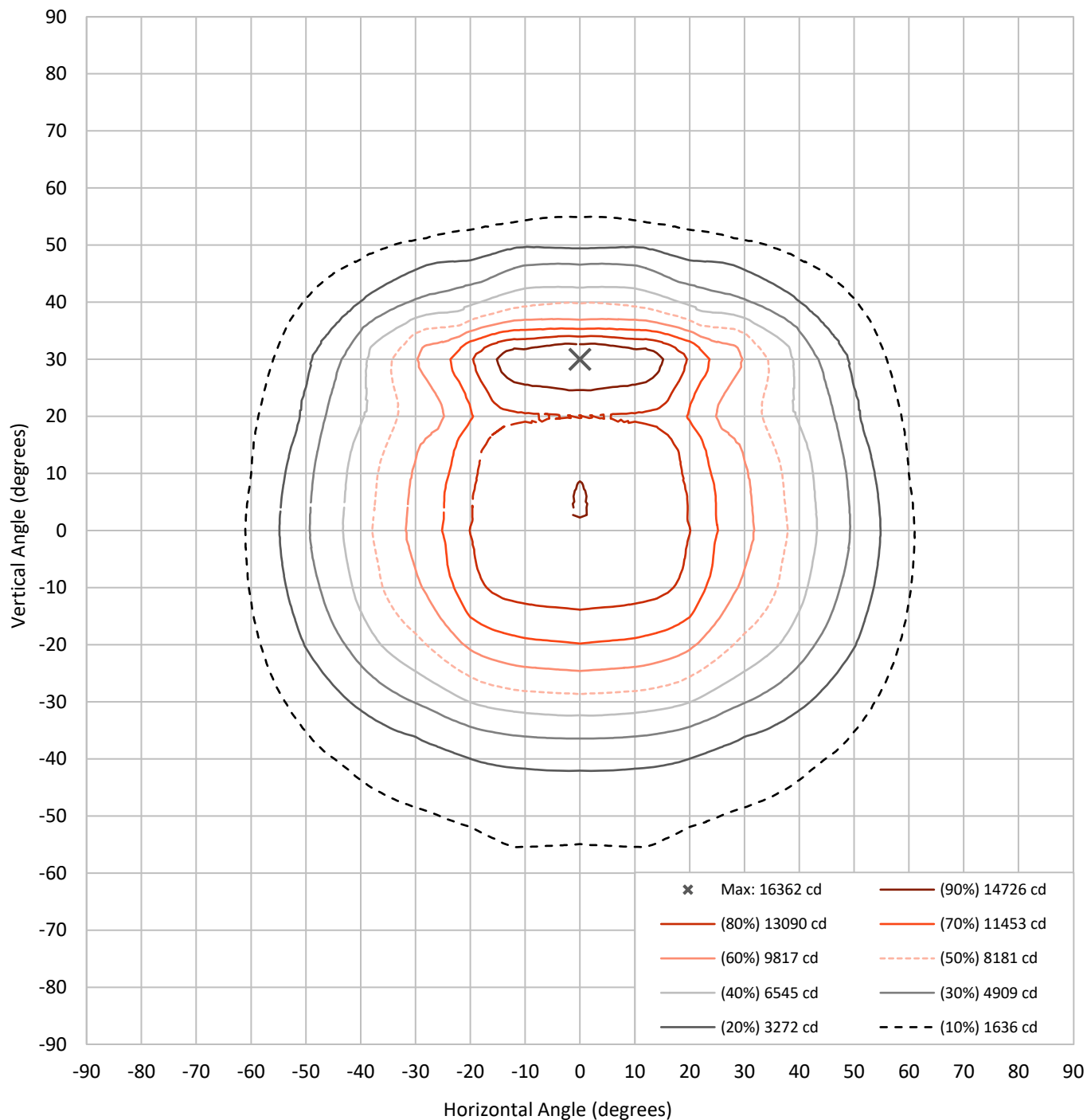
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23437.5 lumens	Max Intensity:	16362 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	74.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	14952.1 lumens	Field Lumens:	22096.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	314.8		
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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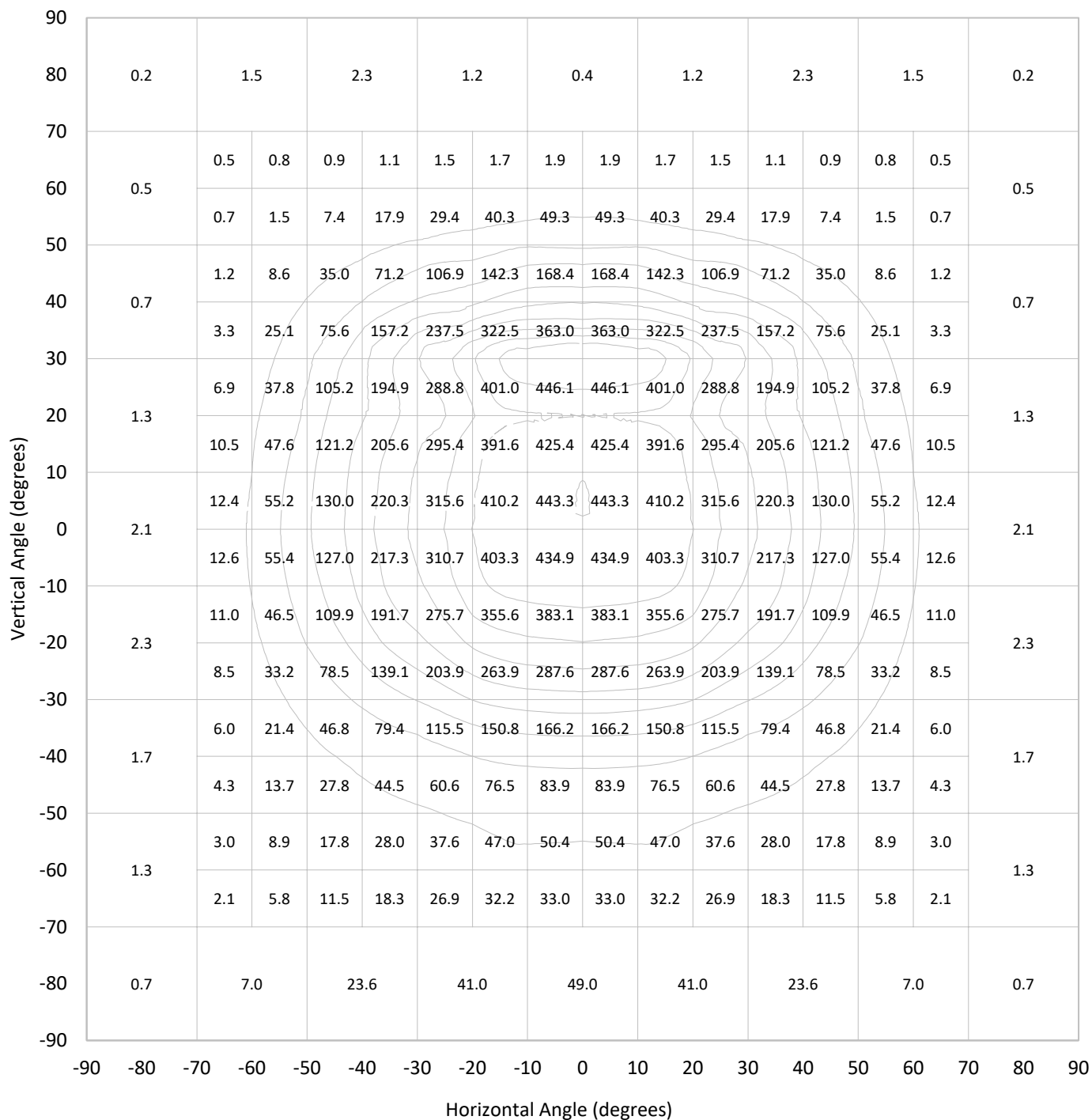
Iso-Candela Plot



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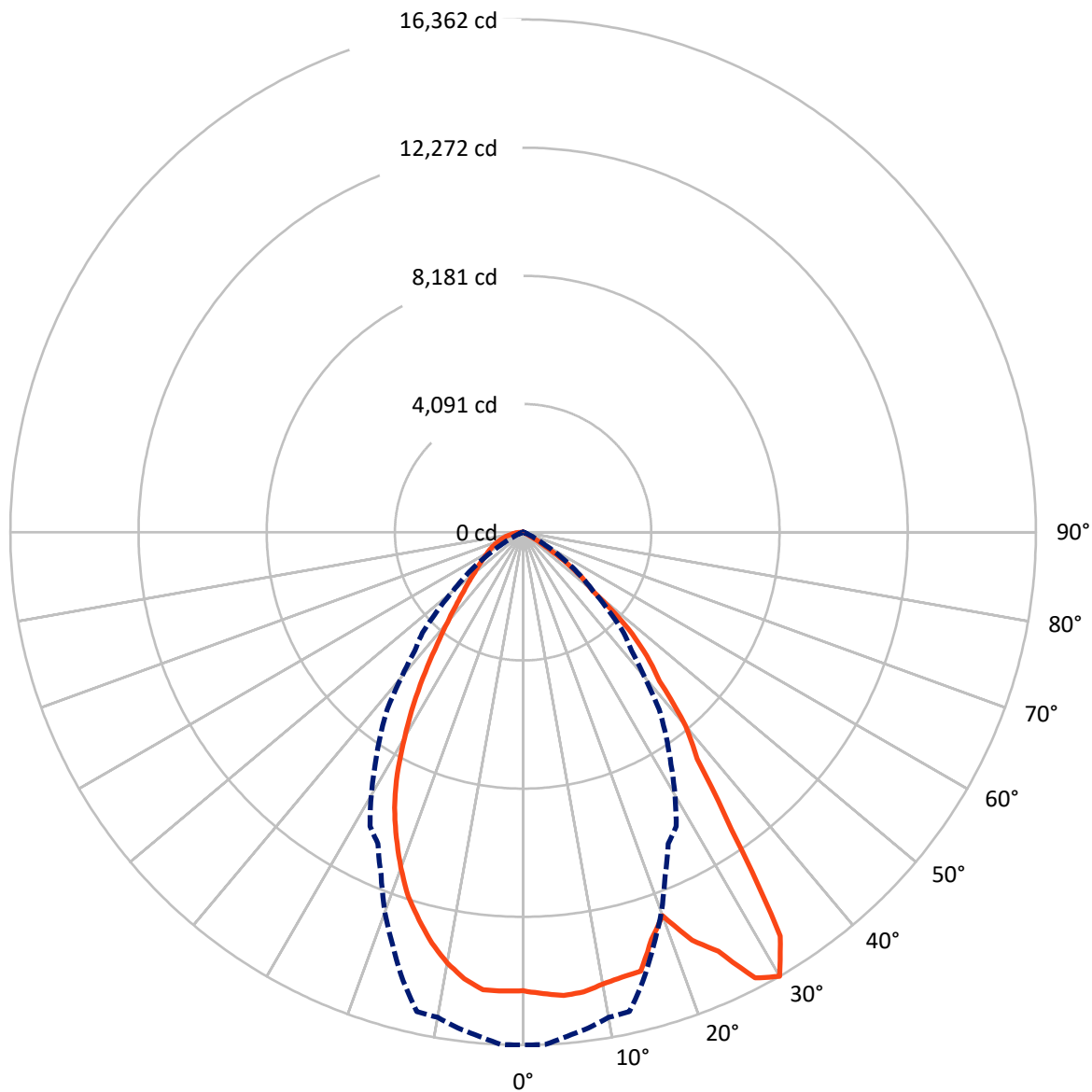
Lumen Table



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Luminous Intensity Polar Plot

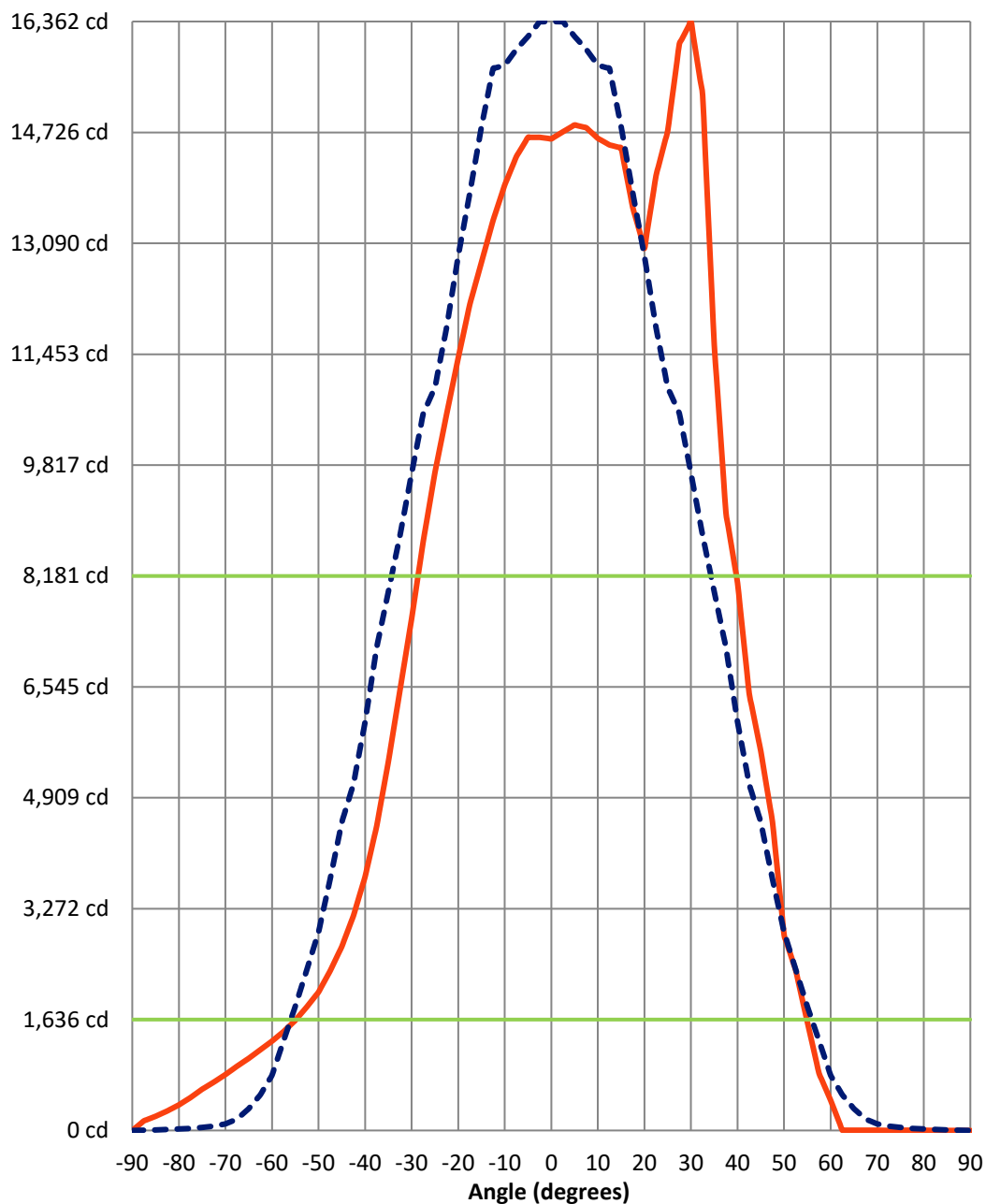


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 14952.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 22096.3

Efficiency: 94.3%

Spill:

Lumens: 1341.2

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-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	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	0.0	3.7	3.7	3.7	7.5	7.5	7.5	7.5	7.5	7.5	11.2
82.5°	0.0	3.7	3.7	3.7	7.5	7.5	7.5	7.5	11.2	11.2	14.9
80°	3.7	3.7	3.7	3.7	7.5	7.5	7.5	11.2	11.2	14.9	14.9
77.5°	3.7	3.7	3.7	7.5	7.5	7.5	11.2	11.2	14.9	14.9	18.7
75°	3.7	3.7	3.7	7.5	7.5	11.2	11.2	11.2	14.9	14.9	18.7
72.5°	0.0	3.7	3.7	7.5	7.5	11.2	11.2	11.2	14.9	14.9	14.9
70°	3.7	3.7	3.7	7.5	7.5	11.2	11.2	11.2	14.9	14.9	14.9
67.5°	3.7	3.7	3.7	7.5	7.5	11.2	11.2	14.9	14.9	14.9	18.7
65°	3.7	3.7	3.7	7.5	11.2	11.2	14.9	18.7	18.7	22.4	26.1
62.5°	3.7	7.5	7.5	11.2	14.9	18.7	41.0	63.4	63.4	44.8	37.3
60°	444.0	481.3	477.6	432.8	376.9	317.2	306.0	294.8	272.4	238.8	250.0
57.5°	843.3	888.1	906.7	895.5	865.7	813.4	783.6	750.0	705.2	653.0	593.3
55°	1597.0	1615.7	1574.6	1496.3	1410.5	1324.6	1294.8	1250.0	1182.8	1115.7	1026.1
52.5°	2361.9	2425.4	2406.7	2328.4	2212.7	2059.7	1891.8	1761.2	1682.8	1608.2	1518.7
50°	2884.3	2910.5	2962.7	3056.0	3089.6	2985.1	2712.7	2361.9	2111.9	2238.8	2141.8
47.5°	4552.3	4682.9	4656.7	4589.6	4477.6	4194.0	3813.4	3500.0	3238.8	3153.0	3167.9
45°	5593.3	5645.5	5626.9	5597.0	5544.8	5279.9	4858.2	4376.9	4134.3	4037.3	3936.6
42.5°	6447.8	6503.8	6514.9	6518.7	6462.7	6220.2	5839.6	5358.2	5115.7	4835.8	4615.7
40°	8078.4	8160.5	8067.2	7944.1	7757.5	7481.4	7108.2	6664.2	6235.1	5891.8	5630.6
37.5°	9119.4	9220.2	9257.5	9250.0	9209.0	9089.6	8630.6	8209.0	7552.3	6783.6	6921.7
35°	11589.6	11694.1	11664.2	11552.3	11492.6	11365.7	10917.9	10417.9	9593.3	8757.5	8533.6
32.5°	15272.4	15500.1	15074.7	14608.3	14320.9	14421.7	13966.5	12742.6	12362.0	10854.5	10156.8
30°	16362.0	16358.3	16141.8	15951.5	15716.5	15668.0	14809.8	13832.1	12899.3	11843.3	10962.7
27.5°	16029.9	15962.7	15779.9	15641.8	15421.7	15306.0	14466.5	13690.3	12612.0	11667.9	10817.2
25°	14750.0	14802.3	14615.7	14589.6	14503.8	14279.9	13862.0	12988.8	12026.2	10981.4	10369.4
22.5°	14089.6	14070.9	13847.1	13716.5	13820.9	13582.1	13414.2	12533.6	11529.9	10649.3	9914.2
20°	13015.0	13018.7	12962.7	12951.5	12888.1	12779.9	12645.6	12022.4	11313.5	10559.7	9675.4
17.5°	13615.7	13768.7	13835.9	13279.9	13436.6	13313.5	13171.7	12302.3	11768.7	11100.8	9947.8
15°	14496.3	14440.3	14373.2	14343.3	14257.5	14141.8	13884.4	13190.3	12272.4	11582.1	10682.9
12.5°	14541.1	14432.9	14406.8	14403.0	14313.5	14153.0	13903.0	13328.4	12515.0	11675.4	10944.1
10°	14638.1	14526.2	14511.2	14529.9	14391.8	14291.1	14041.1	13507.5	12589.6	11835.9	11145.6
7.5°	14794.8	14608.3	14694.1	14638.1	14574.7	14414.2	14145.6	13623.2	12862.0	12048.5	11324.7
5°	14835.9	14630.6	14723.9	14671.7	14578.4	14421.7	14130.6	13697.8	13029.9	12134.4	11395.6
2.5°	14735.1	14675.4	14634.4	14537.4	14496.3	14324.7	14048.6	13585.9	12951.5	12097.1	11380.6
0°	14630.6	14682.9	14589.6	14492.6	14473.9	14335.9	14100.8	13682.9	13134.4	12201.5	11507.5
-2.5°	14653.0	14612.0	14548.6	14447.8	14350.8	14153.0	13940.3	13548.6	12959.0	11973.9	11328.4
-5°	14653.0	14462.7	14470.2	14473.9	14376.9	14171.7	13914.2	13582.1	12854.5	11970.2	11276.2
-7.5°	14369.5	14205.3	14179.2	14156.8	14130.6	13940.3	13738.9	13324.7	12679.1	11873.2	11130.6
-10°	13951.5	13791.1	13806.0	13772.4	13690.3	13563.5	13410.5	13037.4	12507.5	11567.2	10835.9
-12.5°	13429.1	13358.3	13317.2	13261.2	13179.1	13067.2	12910.5	12559.7	11992.6	11190.3	10496.3
-15°	12809.7	12757.5	12720.2	12686.6	12567.2	12451.5	12246.3	11921.7	11567.2	10705.3	9996.3
-17.5°	12190.3	12059.7	12007.5	11962.7	11884.4	11697.8	11511.2	11268.7	10772.4	10089.6	9481.4
-20°	11395.6	11317.2	11253.8	11194.1	11082.1	10936.6	10783.6	10503.8	10074.7	9522.4	8891.8

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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°	10563.5	10518.7	10466.5	10391.8	10317.2	10179.1	9966.5	9697.8	9362.0	8765.0	8175.4
-25°	9705.3	9619.4	9556.0	9485.1	9425.4	9298.5	9093.3	8835.9	8414.2	7899.3	7406.7
-27.5°	8694.1	8612.0	8578.4	8496.3	8444.1	8328.4	8123.2	7884.4	7503.8	7070.9	6570.9
-30°	7552.3	7567.2	7529.9	7451.5	7388.1	7238.8	7082.1	6880.6	6582.1	6167.9	5720.2
-32.5°	6496.3	6514.9	6470.2	6388.1	6306.0	6197.8	6052.3	5869.4	5645.5	5250.0	4862.0
-35°	5440.3	5432.9	5395.5	5347.0	5291.1	5201.5	5037.3	4899.3	4641.8	4365.7	4097.0
-37.5°	4492.6	4511.2	4500.0	4473.9	4410.5	4335.8	4201.5	4074.6	3884.3	3641.8	3432.8
-40°	3742.5	3764.9	3750.0	3723.9	3667.9	3623.1	3533.6	3421.7	3268.7	3059.7	2884.3
-42.5°	3167.9	3182.8	3164.2	3141.8	3093.3	3059.7	2988.8	2895.5	2768.7	2608.2	2451.5
-45°	2712.7	2716.4	2697.8	2682.8	2645.5	2604.5	2544.8	2470.2	2369.4	2257.5	2130.6
-47.5°	2354.5	2350.8	2332.1	2317.2	2287.3	2250.0	2201.5	2134.3	2056.0	1970.2	1869.4
-50°	2041.1	2059.7	2052.2	2037.3	2014.9	1988.8	1940.3	1869.4	1791.1	1727.6	1656.7
-52.5°	1824.6	1828.4	1824.6	1824.6	1820.9	1802.2	1746.3	1675.4	1589.6	1533.6	1473.9
-55°	1623.1	1641.8	1649.3	1656.7	1660.5	1660.5	1593.3	1518.7	1436.6	1380.6	1335.8
-57.5°	1459.0	1470.2	1477.6	1496.3	1511.2	1522.4	1462.7	1395.5	1332.1	1279.9	1238.8
-60°	1317.2	1332.1	1343.3	1361.9	1373.1	1380.6	1343.3	1298.5	1261.2	1227.6	1167.9
-62.5°	1190.3	1201.5	1212.7	1223.9	1235.1	1242.5	1227.6	1205.2	1186.6	1171.6	1097.0
-65°	1063.4	1074.6	1085.8	1100.7	1111.9	1119.4	1115.7	1100.7	1085.8	1070.9	1003.7
-67.5°	947.8	959.0	973.9	977.6	985.1	988.8	981.3	970.2	951.5	932.8	880.6
-70°	824.6	832.1	839.6	839.6	839.6	835.8	828.4	813.4	794.8	768.7	727.6
-72.5°	712.7	720.2	727.6	716.4	709.0	697.8	686.6	667.9	649.3	630.6	608.2
-75°	608.2	611.9	611.9	597.0	585.8	574.6	559.7	548.5	529.9	514.9	496.3
-77.5°	485.1	485.1	485.1	473.9	466.4	459.0	447.8	436.6	421.6	410.4	395.5
-80°	376.9	376.9	376.9	373.1	361.9	354.5	347.0	339.6	328.4	320.9	313.4
-82.5°	287.3	287.3	287.3	283.6	276.1	272.4	264.9	257.5	253.7	246.3	242.5
-85°	209.0	212.7	212.7	209.0	205.2	197.8	194.0	190.3	186.6	182.8	175.4
-87.5°	141.8	141.8	141.8	138.1	134.3	134.3	130.6	123.1	115.7	111.9	108.2
-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	11.2	11.2	11.2	14.9	14.9	14.9	14.9	14.9	14.9	14.9	11.2
82.5°	18.7	18.7	22.4	22.4	26.1	26.1	26.1	26.1	26.1	26.1	26.1
80°	18.7	22.4	26.1	29.9	33.6	37.3	37.3	37.3	37.3	33.6	33.6
77.5°	22.4	22.4	26.1	29.9	33.6	37.3	41.0	44.8	41.0	41.0	41.0
75°	22.4	26.1	26.1	29.9	33.6	37.3	41.0	44.8	44.8	44.8	44.8
72.5°	18.7	22.4	26.1	29.9	29.9	33.6	37.3	37.3	41.0	41.0	44.8
70°	18.7	22.4	26.1	26.1	29.9	29.9	33.6	37.3	37.3	41.0	41.0
67.5°	22.4	26.1	26.1	29.9	33.6	33.6	33.6	37.3	37.3	41.0	41.0
65°	26.1	29.9	29.9	33.6	37.3	37.3	41.0	41.0	41.0	44.8	44.8
62.5°	44.8	44.8	44.8	41.0	44.8	44.8	44.8	48.5	48.5	44.8	48.5
60°	231.3	167.9	115.7	145.5	130.6	59.7	59.7	59.7	56.0	56.0	52.2
57.5°	544.8	507.5	436.6	369.4	332.1	294.8	182.8	74.6	74.6	67.2	59.7
55°	910.5	787.3	735.1	645.5	548.5	503.7	417.9	283.6	134.3	89.6	78.4
52.5°	1410.5	1294.8	1160.5	977.6	847.0	742.5	671.6	533.6	358.2	190.3	119.4
50°	1888.1	1835.8	1753.7	1574.6	1302.2	1126.9	1011.2	854.5	641.8	391.8	223.9
47.5°	3041.1	2604.5	2339.6	2201.5	1973.9	1641.8	1417.9	1242.5	985.1	660.4	395.5
45°	3828.4	3552.3	3130.6	2839.6	2503.7	2153.0	1861.9	1660.5	1354.5	988.8	619.4
42.5°	4503.7	4264.9	3884.3	3459.0	3104.5	2645.5	2272.4	2007.5	1750.0	1350.8	925.4
40°	5373.2	5089.6	4723.9	4309.7	3895.5	3309.7	2705.2	2384.3	2100.8	1746.3	1250.0
37.5°	6806.0	6306.0	5709.0	5250.0	4709.0	4212.7	3384.3	2817.2	2481.4	2111.9	1630.6
35°	8529.9	7981.4	6985.1	6376.9	5653.0	4914.2	4167.9	3328.4	2850.8	2459.0	1981.3
32.5°	10134.4	9332.1	8056.0	7343.3	6862.0	5500.0	4727.6	4000.0	3231.4	2750.0	2182.8
30°	10578.4	9694.1	8779.9	7947.8	7126.9	6026.1	5112.0	4544.8	3709.0	2925.4	2373.1
27.5°	10130.6	9522.4	8813.5	8041.1	7153.0	6209.0	5347.0	4806.0	4059.7	3044.8	2522.4
25°	9675.4	9041.1	8544.8	7899.3	7078.4	6197.8	5354.5	4970.2	4332.1	3276.1	2604.5
22.5°	9194.1	8798.5	8388.1	7667.9	6891.8	6231.4	5597.0	5112.0	4473.9	3537.3	2638.1
20°	9220.2	8962.7	8511.2	7548.5	6858.2	6429.1	5888.1	5291.1	4626.9	3764.9	2664.2
17.5°	9638.1	9302.3	8735.1	7899.3	7160.5	6630.6	6130.6	5537.3	4783.6	3966.4	2981.4
15°	10153.0	9641.8	9048.5	8313.5	7477.6	6850.8	6317.2	5709.0	4962.7	4153.0	3264.9
12.5°	10526.2	9798.5	9242.6	8578.4	7820.9	7089.6	6440.3	5839.6	5130.6	4306.0	3477.6
10°	10653.0	9992.6	9335.9	8742.6	7996.3	7216.4	6533.6	5921.7	5276.1	4425.4	3634.3
7.5°	10720.2	10160.5	9399.3	8817.2	8100.8	7294.8	6608.2	5966.4	5391.8	4507.5	3735.1
5°	10712.7	10250.0	9447.8	8839.6	8156.7	7328.4	6660.5	5977.6	5473.9	4578.4	3794.8
2.5°	10679.1	10309.7	9526.2	8876.9	8268.7	7391.8	6761.2	6000.0	5503.7	4656.7	3835.8
0°	10802.3	10313.5	9608.2	8888.1	8343.3	7414.2	6806.0	5981.4	5462.7	4679.1	3832.1
-2.5°	10537.3	10093.3	9589.6	8791.1	8242.6	7362.0	6723.9	5921.7	5373.2	4653.0	3817.2
-5°	10492.6	9932.9	9432.9	8701.5	8074.7	7253.8	6570.9	5809.7	5231.4	4567.2	3757.5
-7.5°	10373.2	9779.9	9279.9	8630.6	7917.9	7141.8	6425.4	5694.0	5078.4	4432.9	3671.7
-10°	10112.0	9544.8	9115.7	8477.6	7727.6	6981.4	6250.0	5541.1	4899.3	4250.0	3537.3
-12.5°	9738.8	9171.7	8746.3	8153.0	7488.8	6764.9	6041.1	5343.3	4694.0	4056.0	3376.9
-15°	9317.2	8742.6	8317.2	7776.1	7134.4	6429.1	5776.1	5093.3	4459.0	3850.8	3186.6
-17.5°	8839.6	8294.8	7884.4	7358.2	6720.2	6048.5	5399.3	4779.9	4186.6	3638.1	2966.4
-20°	8287.3	7757.5	7380.6	6854.5	6268.7	5615.7	4985.1	4399.3	3865.7	3350.8	2723.9

REPORT NUMBER: P722645

CATALOG NUMBER: IFLD-M-SA4E-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	7604.5	7138.1	6709.0	6238.8	5727.6	5130.6	4544.8	4026.1	3514.9	3011.2	2473.9
-25°	6906.7	6455.2	6037.3	5608.2	5119.4	4604.5	4104.5	3634.3	3134.3	2679.1	2231.4
-27.5°	6130.6	5727.6	5354.5	4959.0	4511.2	4067.2	3656.7	3197.8	2764.9	2376.9	1992.5
-30°	5302.3	4973.9	4649.3	4298.5	3936.6	3563.4	3197.8	2764.9	2425.4	2115.7	1791.1
-32.5°	4507.5	4212.7	3951.5	3690.3	3376.9	3070.9	2746.3	2425.4	2141.8	1869.4	1597.0
-35°	3809.7	3496.3	3350.8	3141.8	2891.8	2615.7	2350.8	2126.9	1899.3	1653.0	1410.5
-37.5°	3205.2	3003.7	2832.1	2675.4	2477.6	2238.8	2048.5	1865.7	1675.4	1451.5	1242.5
-40°	2731.4	2585.8	2414.2	2298.5	2138.1	1966.4	1776.1	1623.1	1462.7	1279.9	1108.2
-42.5°	2350.8	2231.4	2119.4	1996.3	1876.9	1731.3	1567.2	1421.6	1276.1	1141.8	1000.0
-45°	2037.3	1951.5	1861.9	1761.2	1656.7	1529.9	1395.5	1246.3	1141.8	1022.4	903.0
-47.5°	1779.9	1716.4	1641.8	1563.4	1473.9	1361.9	1238.8	1130.6	1022.4	921.6	806.0
-50°	1574.6	1514.9	1455.2	1388.1	1309.7	1212.7	1119.4	1018.7	917.9	820.9	712.7
-52.5°	1403.0	1350.8	1302.2	1246.3	1171.6	1089.6	1003.7	914.2	820.9	723.9	638.1
-55°	1283.6	1223.9	1175.4	1119.4	1052.2	973.9	895.5	813.4	723.9	649.3	578.4
-57.5°	1186.6	1119.4	1063.4	1003.7	936.6	869.4	798.5	723.9	656.7	585.8	518.7
-60°	1104.5	1026.1	962.7	903.0	839.6	776.1	716.4	653.0	589.6	526.1	459.0
-62.5°	1018.7	936.6	858.2	802.2	753.7	697.8	645.5	585.8	529.9	466.4	417.9
-65°	921.6	843.3	768.7	720.2	675.4	626.9	578.4	526.1	477.6	429.1	384.3
-67.5°	813.4	746.3	694.0	649.3	604.5	563.4	518.7	473.9	432.8	384.3	339.6
-70°	682.8	645.5	615.7	582.1	541.0	503.7	462.7	421.6	376.9	335.8	294.8
-72.5°	582.1	559.7	537.3	503.7	466.4	432.8	399.3	361.9	324.6	287.3	253.7
-75°	477.6	459.0	440.3	417.9	388.1	361.9	332.1	298.5	268.7	242.5	216.4
-77.5°	384.3	369.4	358.2	339.6	317.2	294.8	276.1	253.7	231.3	205.2	179.1
-80°	306.0	298.5	294.8	287.3	268.7	250.0	235.1	216.4	194.0	175.4	156.7
-82.5°	238.8	238.8	235.1	231.3	216.4	201.5	190.3	175.4	160.4	145.5	126.9
-85°	175.4	171.6	171.6	167.9	156.7	149.3	138.1	130.6	119.4	104.5	97.0
-87.5°	104.5	100.7	97.0	93.3	85.8	82.1	74.6	70.9	63.4	56.0	52.2
-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: P722645

CATALOG NUMBER: IFLD-M-SA4E-927-U-76-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
85°	11.2	7.5	7.5	7.5	7.5	7.5	3.7	3.7	3.7	3.7	3.7
82.5°	22.4	22.4	18.7	18.7	14.9	11.2	7.5	7.5	7.5	3.7	3.7
80°	33.6	33.6	33.6	29.9	26.1	18.7	14.9	11.2	7.5	3.7	3.7
77.5°	41.0	37.3	37.3	33.6	33.6	29.9	22.4	18.7	11.2	7.5	3.7
75°	41.0	41.0	41.0	37.3	37.3	33.6	29.9	22.4	18.7	11.2	7.5
72.5°	44.8	41.0	41.0	41.0	37.3	33.6	29.9	26.1	22.4	14.9	7.5
70°	41.0	41.0	41.0	41.0	37.3	37.3	29.9	26.1	26.1	14.9	11.2
67.5°	41.0	41.0	41.0	37.3	37.3	33.6	29.9	26.1	26.1	18.7	11.2
65°	44.8	41.0	41.0	41.0	37.3	33.6	29.9	26.1	26.1	22.4	14.9
62.5°	48.5	44.8	44.8	41.0	37.3	33.6	29.9	26.1	26.1	22.4	14.9
60°	52.2	48.5	44.8	44.8	41.0	37.3	29.9	29.9	26.1	22.4	14.9
57.5°	56.0	52.2	52.2	48.5	44.8	41.0	33.6	29.9	26.1	22.4	18.7
55°	67.2	59.7	56.0	56.0	52.2	44.8	37.3	29.9	26.1	22.4	18.7
52.5°	89.6	70.9	63.4	63.4	59.7	52.2	41.0	33.6	26.1	22.4	18.7
50°	141.8	89.6	74.6	67.2	67.2	59.7	48.5	37.3	26.1	22.4	18.7
47.5°	223.9	149.3	89.6	78.4	74.6	70.9	56.0	37.3	29.9	22.4	18.7
45°	369.4	220.1	145.5	93.3	78.4	74.6	63.4	41.0	29.9	26.1	18.7
42.5°	507.5	343.3	223.9	111.9	93.3	82.1	67.2	44.8	33.6	26.1	18.7
40°	798.5	470.2	313.4	182.8	108.2	85.8	74.6	52.2	33.6	26.1	18.7
37.5°	1082.1	623.1	421.6	268.7	123.1	97.0	78.4	56.0	37.3	26.1	22.4
35°	1365.7	873.1	522.4	358.2	164.2	115.7	82.1	59.7	37.3	26.1	22.4
32.5°	1619.4	1108.2	626.9	447.8	246.3	138.1	89.6	63.4	41.0	29.9	22.4
30°	1828.4	1324.6	813.4	526.1	320.9	167.9	97.0	63.4	44.8	29.9	22.4
27.5°	1985.1	1492.5	1003.7	608.2	384.3	197.8	111.9	70.9	44.8	29.9	22.4
25°	2111.9	1623.1	1171.6	694.0	440.3	246.3	134.3	74.6	48.5	33.6	22.4
22.5°	2212.7	1731.3	1309.7	809.7	507.5	294.8	164.2	82.1	48.5	33.6	22.4
20°	2350.8	1839.6	1403.0	932.8	578.4	339.6	190.3	89.6	48.5	33.6	26.1
17.5°	2470.2	1947.8	1477.6	1037.3	649.3	373.1	220.1	97.0	52.2	33.6	26.1
15°	2608.2	2052.2	1544.8	1119.4	716.4	403.0	246.3	104.5	52.2	37.3	26.1
12.5°	2757.5	2149.3	1593.3	1186.6	787.3	429.1	268.7	119.4	56.0	37.3	26.1
10°	2910.5	2231.4	1634.3	1235.1	839.6	455.2	283.6	134.3	59.7	37.3	26.1
7.5°	3063.4	2306.0	1686.6	1257.5	861.9	485.1	291.0	149.3	59.7	41.0	26.1
5°	3167.9	2354.5	1761.2	1272.4	873.1	518.7	302.2	167.9	63.4	41.0	26.1
2.5°	3257.5	2384.3	1839.6	1283.6	876.9	537.3	298.5	179.1	67.2	41.0	26.1
0°	3298.5	2384.3	1891.8	1276.1	865.7	556.0	298.5	190.3	67.2	41.0	26.1
-2.5°	3235.1	2451.5	1876.9	1279.9	869.4	556.0	313.4	194.0	74.6	44.8	26.1
-5°	3134.3	2477.6	1832.1	1261.2	861.9	556.0	332.1	197.8	78.4	44.8	29.9
-7.5°	3037.3	2488.8	1779.9	1242.5	850.7	541.0	335.8	194.0	85.8	48.5	29.9
-10°	2910.5	2365.7	1712.7	1209.0	828.4	529.9	343.3	194.0	89.6	48.5	29.9
-12.5°	2764.9	2216.4	1630.6	1160.5	802.2	518.7	347.0	194.0	93.3	52.2	29.9
-15°	2597.0	2063.4	1537.3	1108.2	764.9	503.7	339.6	190.3	97.0	52.2	33.6
-17.5°	2406.7	1914.2	1440.3	1044.8	723.9	485.1	324.6	186.6	97.0	52.2	33.6
-20°	2190.3	1764.9	1332.1	981.3	675.4	462.7	309.7	179.1	97.0	52.2	33.6

REPORT NUMBER: P722645

CATALOG NUMBER: IFLD-M-SA4E-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1996.3	1626.9	1220.2	910.5	623.1	436.6	291.0	171.6	97.0	56.0	33.6
-25°	1835.8	1492.5	1134.3	839.6	567.2	406.7	272.4	164.2	97.0	56.0	33.6
-27.5°	1667.9	1347.0	1044.8	772.4	529.9	380.6	253.7	156.7	93.3	56.0	33.6
-30°	1496.3	1205.2	951.5	697.8	492.5	354.5	238.8	145.5	93.3	56.0	33.6
-32.5°	1339.6	1089.6	865.7	623.1	451.5	328.4	223.9	141.8	89.6	56.0	33.6
-35°	1186.6	985.1	776.1	563.4	406.7	302.2	209.0	138.1	89.6	56.0	33.6
-37.5°	1059.7	888.1	694.0	522.4	380.6	279.9	194.0	130.6	85.8	56.0	33.6
-40°	955.2	798.5	615.7	477.6	358.2	257.5	179.1	126.9	85.8	56.0	33.6
-42.5°	858.2	712.7	567.2	440.3	335.8	242.5	167.9	123.1	82.1	56.0	33.6
-45°	772.4	638.1	518.7	406.7	309.7	223.9	160.4	115.7	78.4	56.0	37.3
-47.5°	686.6	585.8	473.9	376.9	283.6	201.5	153.0	111.9	74.6	52.2	37.3
-50°	619.4	529.9	436.6	343.3	257.5	194.0	145.5	104.5	74.6	52.2	37.3
-52.5°	559.7	477.6	395.5	309.7	235.1	182.8	138.1	97.0	70.9	52.2	37.3
-55°	503.7	429.1	354.5	276.1	220.1	171.6	126.9	89.6	70.9	52.2	37.3
-57.5°	447.8	384.3	313.4	250.0	201.5	160.4	119.4	89.6	70.9	52.2	37.3
-60°	403.0	343.3	283.6	231.3	186.6	145.5	108.2	85.8	67.2	52.2	37.3
-62.5°	365.7	309.7	257.5	209.0	171.6	130.6	104.5	85.8	67.2	52.2	33.6
-65°	328.4	279.9	231.3	190.3	153.0	123.1	100.7	82.1	67.2	52.2	33.6
-67.5°	291.0	246.3	209.0	167.9	141.8	119.4	97.0	82.1	63.4	48.5	33.6
-70°	253.7	216.4	182.8	156.7	134.3	111.9	93.3	78.4	63.4	44.8	29.9
-72.5°	223.9	190.3	164.2	145.5	126.9	108.2	89.6	74.6	59.7	41.0	26.1
-75°	190.3	167.9	149.3	130.6	115.7	100.7	85.8	67.2	52.2	37.3	26.1
-77.5°	160.4	145.5	130.6	119.4	104.5	89.6	74.6	59.7	48.5	33.6	22.4
-80°	138.1	126.9	115.7	104.5	93.3	78.4	67.2	52.2	41.0	29.9	18.7
-82.5°	111.9	104.5	93.3	85.8	78.4	67.2	56.0	44.8	29.9	22.4	14.9
-85°	85.8	78.4	74.6	67.2	59.7	48.5	37.3	29.9	22.4	14.9	7.5
-87.5°	44.8	41.0	37.3	33.6	29.9	22.4	18.7	14.9	11.2	7.5	3.7
-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: P722645

CATALOG NUMBER: IFLD-M-SA4E-927-U-76-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°	3.7	0.0	0.0	0.0
77.5°	3.7	0.0	0.0	0.0
75°	3.7	3.7	0.0	0.0
72.5°	3.7	3.7	0.0	0.0
70°	3.7	3.7	0.0	0.0
67.5°	7.5	3.7	0.0	0.0
65°	7.5	3.7	0.0	0.0
62.5°	7.5	3.7	0.0	0.0
60°	7.5	3.7	0.0	0.0
57.5°	11.2	3.7	3.7	0.0
55°	11.2	3.7	3.7	0.0
52.5°	11.2	3.7	3.7	0.0
50°	11.2	7.5	3.7	0.0
47.5°	11.2	7.5	3.7	0.0
45°	11.2	7.5	3.7	0.0
42.5°	11.2	7.5	3.7	0.0
40°	14.9	7.5	3.7	0.0
37.5°	14.9	7.5	3.7	0.0
35°	14.9	7.5	3.7	0.0
32.5°	14.9	7.5	3.7	0.0
30°	14.9	7.5	3.7	0.0
27.5°	14.9	11.2	3.7	0.0
25°	14.9	11.2	3.7	0.0
22.5°	18.7	11.2	3.7	0.0
20°	18.7	11.2	3.7	0.0
17.5°	18.7	11.2	3.7	0.0
15°	18.7	11.2	3.7	0.0
12.5°	18.7	11.2	3.7	0.0
10°	18.7	11.2	3.7	0.0
7.5°	18.7	11.2	3.7	0.0
5°	18.7	11.2	3.7	0.0
2.5°	18.7	11.2	3.7	0.0
0°	18.7	11.2	3.7	0.0
-2.5°	18.7	11.2	3.7	0.0
-5°	18.7	11.2	3.7	0.0
-7.5°	18.7	11.2	3.7	0.0
-10°	18.7	11.2	3.7	0.0
-12.5°	22.4	11.2	3.7	0.0
-15°	22.4	11.2	3.7	0.0
-17.5°	22.4	11.2	3.7	0.0
-20°	22.4	11.2	3.7	0.0

REPORT NUMBER: P722645

CATALOG NUMBER: IFLD-M-SA4E-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.4	11.2	3.7	0.0
-25°	22.4	11.2	3.7	0.0
-27.5°	22.4	11.2	3.7	0.0
-30°	22.4	11.2	3.7	0.0
-32.5°	22.4	11.2	3.7	0.0
-35°	22.4	11.2	3.7	0.0
-37.5°	22.4	11.2	3.7	0.0
-40°	22.4	11.2	3.7	0.0
-42.5°	18.7	11.2	3.7	0.0
-45°	22.4	11.2	3.7	0.0
-47.5°	22.4	11.2	3.7	0.0
-50°	22.4	11.2	3.7	0.0
-52.5°	22.4	11.2	3.7	0.0
-55°	22.4	11.2	3.7	0.0
-57.5°	22.4	11.2	3.7	0.0
-60°	22.4	11.2	3.7	0.0
-62.5°	18.7	11.2	3.7	0.0
-65°	18.7	7.5	3.7	0.0
-67.5°	18.7	7.5	3.7	0.0
-70°	18.7	7.5	3.7	0.0
-72.5°	14.9	7.5	3.7	0.0
-75°	14.9	7.5	3.7	0.0
-77.5°	11.2	3.7	0.0	0.0
-80°	11.2	3.7	0.0	0.0
-82.5°	7.5	3.7	0.0	0.0
-85°	3.7	3.7	0.0	0.0
-87.5°	3.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)