

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: P722417

Luminaire Tested: **IFLD-L-SA7D-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722417
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

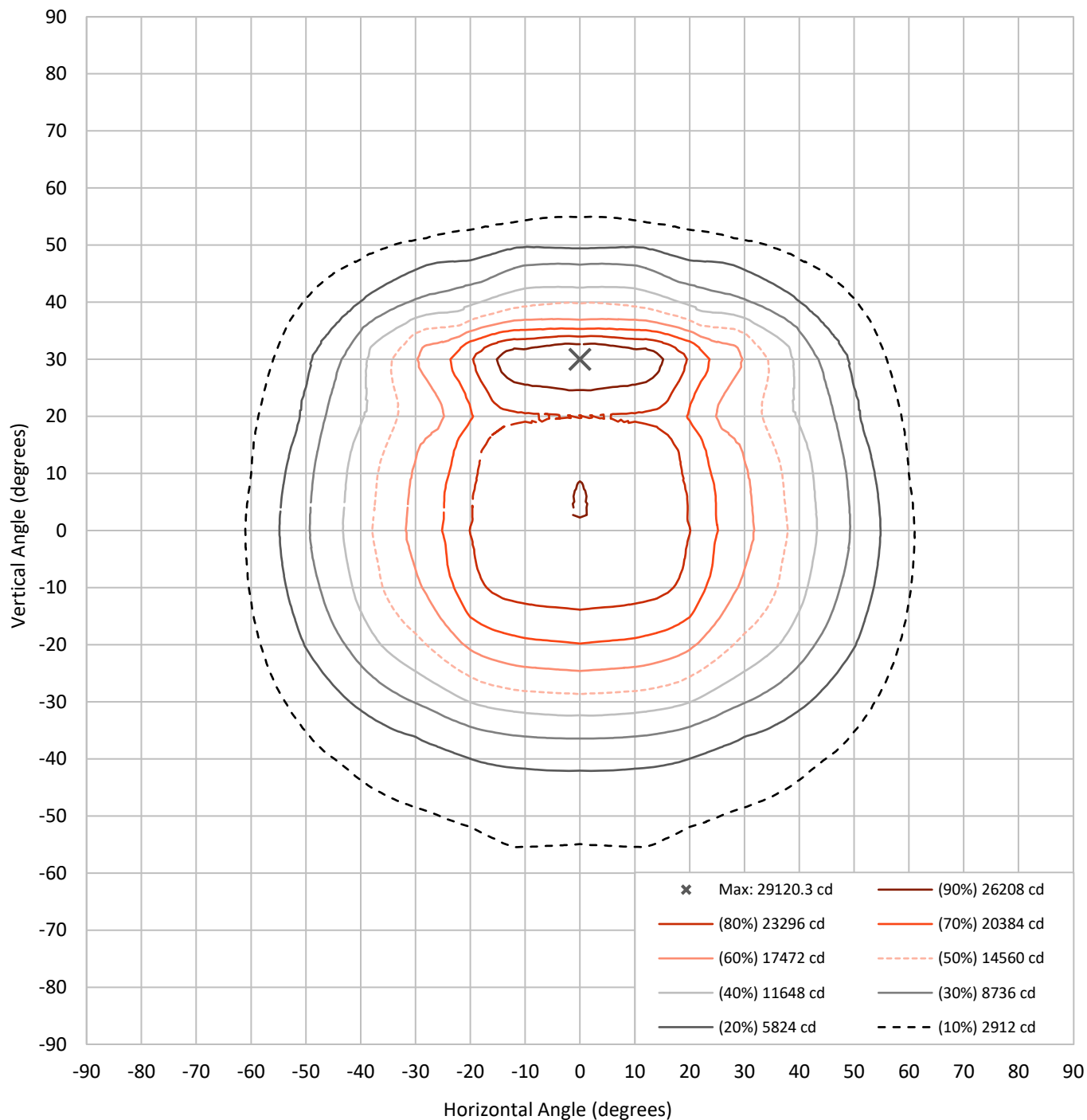
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	41713 lumens	Max Intensity:	29120.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	98.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	26611.1 lumens	Field Lumens:	39326 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	422.6		
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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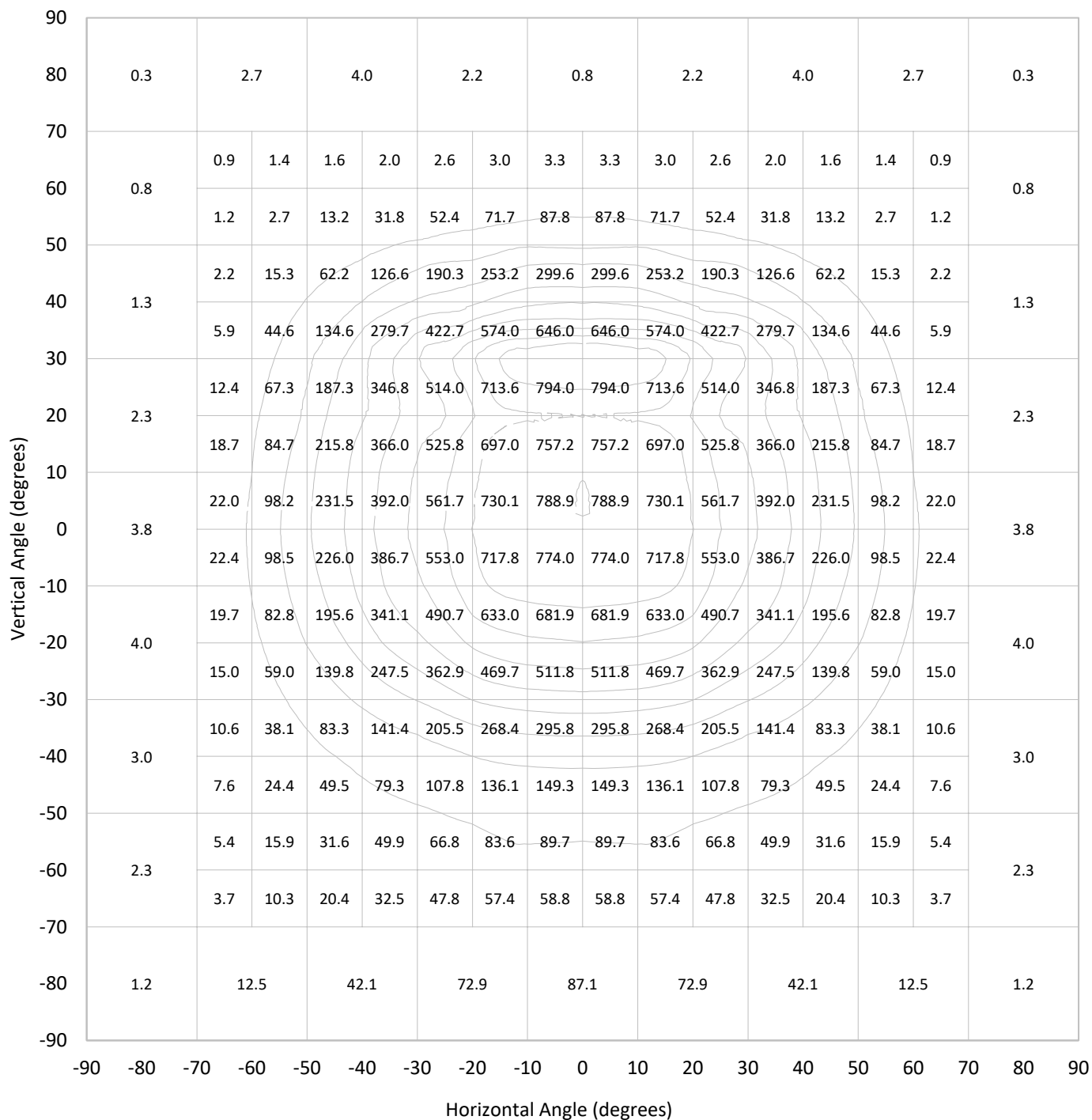
Iso-Candela Plot



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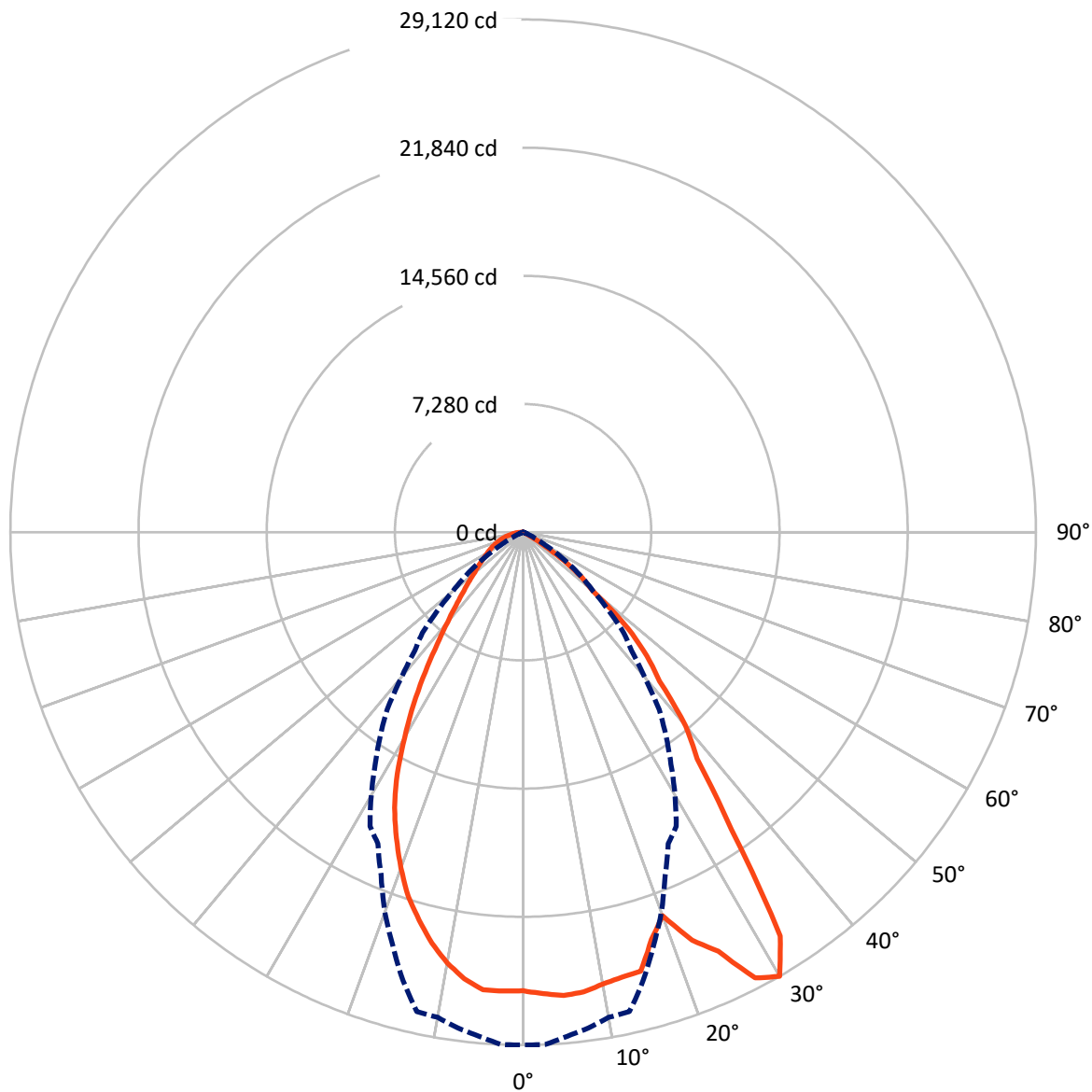
Lumen Table



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Luminous Intensity Polar Plot



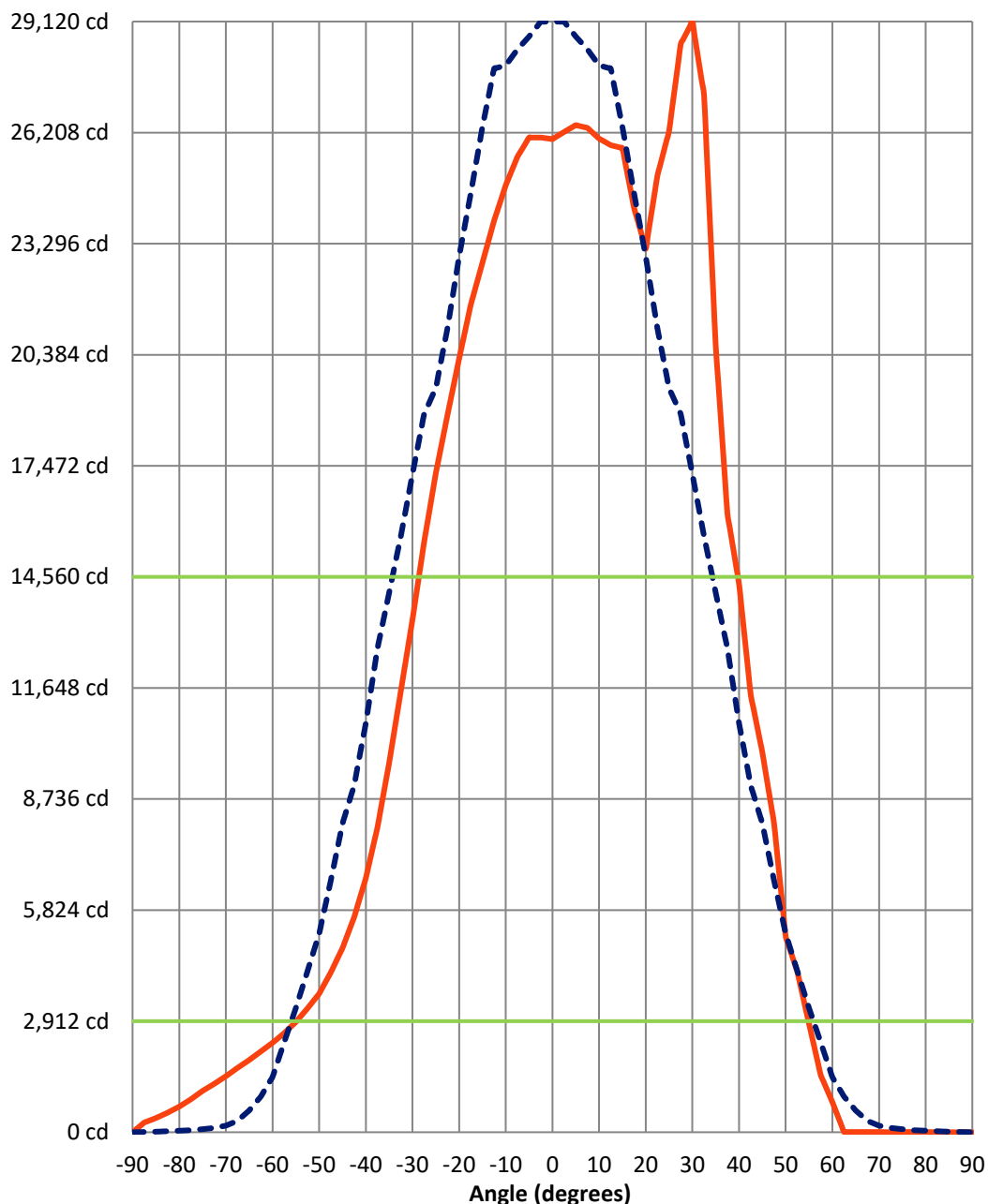
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 26611.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 39326

Efficiency: 94.3%

Spill:

Lumens: 2387

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	6.6	6.6	6.6	6.6	6.6	6.6	6.6
85°	0.0	6.6	6.6	6.6	13.3	13.3	13.3	13.3	13.3	13.3	19.9
82.5°	0.0	6.6	6.6	6.6	13.3	13.3	13.3	13.3	19.9	19.9	26.6
80°	6.6	6.6	6.6	6.6	13.3	13.3	13.3	19.9	19.9	26.6	26.6
77.5°	6.6	6.6	6.6	13.3	13.3	13.3	19.9	19.9	26.6	26.6	33.2
75°	6.6	6.6	6.6	13.3	13.3	19.9	19.9	19.9	26.6	26.6	33.2
72.5°	0.0	6.6	6.6	13.3	13.3	19.9	19.9	19.9	26.6	26.6	26.6
70°	6.6	6.6	6.6	13.3	13.3	19.9	19.9	19.9	26.6	26.6	26.6
67.5°	6.6	6.6	6.6	13.3	13.3	19.9	19.9	26.6	26.6	26.6	33.2
65°	6.6	6.6	6.6	13.3	19.9	19.9	26.6	33.2	33.2	39.8	46.5
62.5°	6.6	13.3	13.3	19.9	26.6	33.2	73.0	112.9	112.9	79.7	66.4
60°	790.3	856.7	850.0	770.3	670.7	564.5	544.6	524.6	484.8	425.0	444.9
57.5°	1500.8	1580.5	1613.7	1593.8	1540.7	1447.7	1394.6	1334.8	1255.1	1162.2	1055.9
55°	2842.3	2875.5	2802.5	2663.0	2510.3	2357.5	2304.4	2224.7	2105.2	1985.6	1826.2
52.5°	4203.7	4316.6	4283.4	4143.9	3938.0	3665.8	3366.9	3134.5	2995.0	2862.2	2702.8
50°	5133.4	5179.9	5272.9	5438.9	5498.7	5312.7	4827.9	4203.7	3758.7	3984.5	3811.9
47.5°	8101.9	8334.3	8287.8	8168.3	7969.1	7464.4	6787.0	6229.2	5764.3	5611.6	5638.1
45°	9954.7	10047.7	10014.5	9961.3	9868.4	9396.9	8646.4	7789.8	7358.1	7185.4	7006.1
42.5°	11475.5	11575.1	11595.0	11601.6	11502.0	11070.4	10393.0	9536.3	9104.7	8606.6	8214.8
40°	14377.5	14523.6	14357.6	14138.5	13806.4	13315.0	12650.9	11860.6	11096.9	10486.0	10021.1
37.5°	16230.3	16409.6	16476.1	16462.8	16389.7	16177.2	15360.4	14610.0	13441.2	12073.1	12318.9
35°	20626.6	20812.6	20759.4	20560.2	20453.9	20228.2	19431.2	18541.4	17073.7	15586.2	15187.7
32.5°	27181.2	27586.3	26829.2	25999.1	25487.7	25667.0	24856.9	22678.6	22001.3	19318.4	18076.5
30°	29120.3	29113.7	28728.5	28389.8	27971.4	27885.1	26357.7	24617.8	22957.6	21078.2	19510.9
27.5°	28529.3	28409.7	28084.3	27838.6	27446.8	27240.9	25746.7	24365.4	22446.2	20766.1	19251.9
25°	26251.4	26344.4	26012.4	25965.9	25813.1	25414.7	24670.9	23116.9	21403.6	19544.1	18455.0
22.5°	25076.0	25042.8	24644.3	24411.9	24597.9	24172.8	23874.0	22306.8	20520.4	18953.1	17644.8
20°	23163.4	23170.1	23070.5	23050.5	22937.6	22745.1	22506.0	21397.0	20135.2	18793.7	17219.8
17.5°	24232.6	24504.9	24624.4	23634.9	23913.8	23694.7	23442.3	21895.0	20945.4	19756.7	17704.6
15°	25799.9	25700.2	25580.7	25527.6	25374.8	25169.0	24710.8	23475.5	21841.9	20613.3	19012.9
12.5°	25879.6	25687.0	25640.5	25633.8	25474.5	25188.9	24744.0	23721.3	22273.5	20779.3	19477.7
10°	26052.2	25853.0	25826.4	25859.6	25613.9	25434.6	24989.7	24040.0	22406.4	21064.9	19836.3
7.5°	26331.1	25999.1	26151.8	26052.2	25939.3	25653.8	25175.6	24245.9	22891.2	21443.4	20155.1
5°	26404.2	26038.9	26205.0	26112.0	25946.0	25667.0	25149.1	24378.7	23190.0	21596.2	20281.3
2.5°	26224.9	26118.6	26045.6	25872.9	25799.9	25494.4	25003.0	24179.5	23050.5	21529.8	20254.7
0°	26038.9	26131.9	25965.9	25793.2	25760.0	25514.3	25095.9	24352.1	23375.9	21715.7	20480.5
-2.5°	26078.8	26005.7	25892.8	25713.5	25540.9	25188.9	24810.4	24113.1	23063.8	21310.6	20161.7
-5°	26078.8	25740.1	25753.4	25760.0	25587.4	25222.1	24763.9	24172.8	22877.9	21304.0	20068.8
-7.5°	25574.1	25281.9	25235.4	25195.5	25149.1	24810.4	24451.8	23714.6	22565.7	21131.3	19809.8
-10°	24830.3	24544.7	24571.3	24511.5	24365.4	24139.6	23867.4	23203.3	22260.3	20586.8	19285.1
-12.5°	23900.6	23774.4	23701.3	23601.7	23455.6	23256.4	22977.5	22353.2	21343.8	19916.0	18680.8
-15°	22798.2	22705.2	22638.8	22579.0	22366.5	22160.7	21795.4	21217.6	20586.8	19052.7	17790.9
-17.5°	21695.8	21463.4	21370.4	21290.7	21151.2	20819.2	20487.1	20055.5	19172.3	17957.0	16874.5
-20°	20281.3	20141.8	20028.9	19922.7	19723.4	19464.5	19192.2	18694.1	17930.4	16947.6	15825.2

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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°	18800.4	18720.7	18627.7	18494.9	18362.1	18116.4	17737.8	17259.7	16662.0	15599.5	14550.2
-25°	17273.0	17120.2	17007.3	16881.1	16774.9	16549.1	16183.9	15725.6	14975.2	14058.8	13182.2
-27.5°	15473.3	15327.2	15267.4	15121.3	15028.3	14822.5	14457.2	14032.2	13354.8	12584.5	11694.6
-30°	13441.2	13467.7	13401.3	13261.9	13149.0	12883.3	12604.4	12245.8	11714.5	10977.4	10180.5
-32.5°	11561.8	11595.0	11515.3	11369.2	11223.1	11030.5	10771.5	10446.1	10047.7	9343.7	8653.1
-35°	9682.4	9669.1	9602.7	9516.4	9416.8	9257.4	8965.2	8719.5	8261.3	7769.8	7291.7
-37.5°	7995.6	8028.8	8008.9	7962.4	7849.5	7716.7	7477.6	7251.9	6913.2	6481.5	6109.6
-40°	6660.8	6700.7	6674.1	6627.6	6528.0	6448.3	6288.9	6089.7	5817.4	5445.5	5133.4
-42.5°	5638.1	5664.7	5631.5	5591.6	5505.3	5445.5	5319.4	5153.3	4927.5	4642.0	4363.1
-45°	4827.9	4834.6	4801.4	4774.8	4708.4	4635.3	4529.1	4396.3	4217.0	4017.7	3791.9
-47.5°	4190.4	4183.8	4150.6	4124.0	4070.9	4004.5	3918.1	3798.6	3659.1	3506.4	3327.1
-50°	3632.6	3665.8	3652.5	3625.9	3586.1	3539.6	3453.3	3327.1	3187.6	3074.7	2948.6
-52.5°	3247.4	3254.0	3247.4	3247.4	3240.8	3207.6	3107.9	2981.8	2829.0	2729.4	2623.2
-55°	2888.8	2922.0	2935.3	2948.6	2955.2	2955.2	2835.7	2702.8	2556.7	2457.1	2377.4
-57.5°	2596.6	2616.5	2629.8	2663.0	2689.6	2709.5	2603.2	2483.7	2370.8	2277.8	2204.8
-60°	2344.2	2370.8	2390.7	2423.9	2443.8	2457.1	2390.7	2311.0	2244.6	2184.9	2078.6
-62.5°	2118.4	2138.4	2158.3	2178.2	2198.1	2211.4	2184.9	2145.0	2111.8	2085.2	1952.4
-65°	1892.7	1912.6	1932.5	1959.1	1979.0	1992.3	1985.6	1959.1	1932.5	1905.9	1786.4
-67.5°	1686.8	1706.7	1733.3	1739.9	1753.2	1759.8	1746.6	1726.6	1693.4	1660.2	1567.3
-70°	1467.6	1480.9	1494.2	1494.2	1494.2	1487.6	1474.3	1447.7	1414.5	1368.0	1295.0
-72.5°	1268.4	1281.7	1295.0	1275.1	1261.8	1241.8	1221.9	1188.7	1155.5	1122.3	1082.5
-75°	1082.5	1089.1	1089.1	1062.5	1042.6	1022.7	996.1	976.2	943.0	916.4	883.2
-77.5°	863.3	863.3	863.3	843.4	830.1	816.8	796.9	777.0	750.4	730.5	703.9
-80°	670.7	670.7	670.7	664.1	644.2	630.9	617.6	604.3	584.4	571.1	557.8
-82.5°	511.3	511.3	511.3	504.7	491.4	484.8	471.5	458.2	451.6	438.3	431.7
-85°	371.9	378.5	378.5	371.9	365.2	352.0	345.3	338.7	332.0	325.4	312.1
-87.5°	252.4	252.4	252.4	245.7	239.1	239.1	232.4	219.1	205.9	199.2	192.6
-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°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
85°	19.9	19.9	19.9	26.6	26.6	26.6	26.6	26.6	26.6	26.6	19.9
82.5°	33.2	33.2	39.8	39.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5
80°	33.2	39.8	46.5	53.1	59.8	66.4	66.4	66.4	66.4	59.8	59.8
77.5°	39.8	39.8	46.5	53.1	59.8	66.4	73.0	79.7	73.0	73.0	73.0
75°	39.8	46.5	46.5	53.1	59.8	66.4	73.0	79.7	79.7	79.7	79.7
72.5°	33.2	39.8	46.5	53.1	53.1	59.8	66.4	66.4	73.0	73.0	79.7
70°	33.2	39.8	46.5	46.5	53.1	53.1	59.8	66.4	66.4	73.0	73.0
67.5°	39.8	46.5	46.5	53.1	59.8	59.8	59.8	66.4	66.4	73.0	73.0
65°	46.5	53.1	53.1	59.8	66.4	66.4	73.0	73.0	73.0	79.7	79.7
62.5°	79.7	79.7	79.7	73.0	79.7	79.7	79.7	86.3	86.3	79.7	86.3
60°	411.7	298.8	205.9	259.0	232.4	106.3	106.3	106.3	99.6	99.6	93.0
57.5°	969.6	903.2	777.0	657.4	591.0	524.6	325.4	132.8	132.8	119.5	106.3
55°	1620.4	1401.2	1308.3	1148.9	976.2	896.5	743.8	504.7	239.1	159.4	139.5
52.5°	2510.3	2304.4	2065.3	1739.9	1507.5	1321.5	1195.4	949.6	637.5	338.7	212.5
50°	3360.3	3267.3	3121.2	2802.5	2317.7	2005.5	1799.7	1520.8	1142.2	697.3	398.5
47.5°	5412.3	4635.3	4163.8	3918.1	3513.0	2922.0	2523.5	2211.4	1753.2	1175.4	703.9
45°	6813.6	6322.1	5571.7	5053.7	4456.0	3831.8	3313.8	2955.2	2410.6	1759.8	1102.4
42.5°	8015.6	7590.5	6913.2	6156.1	5525.2	4708.4	4044.3	3572.8	3114.6	2404.0	1646.9
40°	9562.9	9058.2	8407.4	7670.2	6933.1	5890.5	4814.6	4243.5	3738.8	3107.9	2224.7
37.5°	12113.0	11223.1	10160.6	9343.7	8380.8	7497.6	6023.3	5013.9	4416.2	3758.7	2902.1
35°	15181.1	14204.9	12431.7	11349.3	10060.9	8746.1	7417.9	5923.7	5073.6	4376.3	3526.3
32.5°	18036.7	16608.9	14337.7	13069.3	12212.6	9788.7	8414.0	7119.0	5751.0	4894.3	3884.9
30°	18826.9	17253.0	15626.0	14145.1	12684.1	10725.0	9098.0	8088.6	6601.0	5206.5	4223.6
27.5°	18030.0	16947.6	15685.8	14311.1	12730.6	11050.4	9516.4	8553.5	7225.3	5419.0	4489.2
25°	17219.8	16090.9	15207.6	14058.8	12597.8	11030.5	9529.7	8845.7	7710.1	5830.7	4635.3
22.5°	16363.2	15659.2	14928.7	13647.0	12265.7	11090.3	9961.3	9098.0	7962.4	6295.6	4695.1
20°	16409.6	15951.4	15147.9	13434.5	12206.0	11442.3	10479.3	9416.8	8234.7	6700.7	4741.6
17.5°	17153.4	16555.7	15546.3	14058.8	12743.9	11800.9	10911.0	9855.1	8513.6	7059.3	5306.1
15°	18069.9	17160.1	16104.2	14795.9	13308.3	12192.7	11243.0	10160.6	8832.4	7391.3	5810.8
12.5°	18734.0	17439.0	16449.5	15267.4	13919.3	12617.7	11462.2	10393.0	9131.2	7663.6	6189.3
10°	18959.7	17784.3	16615.5	15559.6	14231.4	12843.5	11628.2	10539.1	9390.2	7876.1	6468.2
7.5°	19079.3	18083.1	16728.4	15692.4	14417.4	12982.9	11761.0	10618.8	9596.1	8022.2	6647.5
5°	19066.0	18242.5	16814.7	15732.3	14517.0	13042.7	11854.0	10638.7	9742.2	8148.4	6753.8
2.5°	19006.2	18348.8	16954.2	15798.7	14716.2	13155.6	12033.3	10678.6	9795.3	8287.8	6826.8
0°	19225.4	18355.4	17100.3	15818.6	14849.0	13195.5	12113.0	10645.3	9722.3	8327.7	6820.2
-2.5°	18753.9	17963.6	17067.1	15645.9	14669.7	13102.5	11966.9	10539.1	9562.9	8281.2	6793.6
-5°	18674.2	17678.1	16788.2	15486.6	14370.9	12909.9	11694.6	10339.9	9310.5	8128.5	6687.4
-7.5°	18461.7	17405.8	16515.9	15360.4	14092.0	12710.7	11435.6	10134.0	9038.3	7889.4	6534.6
-10°	17996.8	16987.4	16223.7	15088.1	13753.3	12425.1	11123.5	9861.7	8719.5	7564.0	6295.6
-12.5°	17332.7	16323.3	15566.2	14510.3	13328.3	12039.9	10751.6	9509.8	8354.2	7218.6	6010.0
-15°	16582.3	15559.6	14802.5	13839.6	12697.4	11442.3	10280.1	9064.8	7935.9	6853.4	5671.3
-17.5°	15732.3	14762.7	14032.2	13095.8	11960.2	10764.9	9609.4	8507.0	7451.1	6474.9	5279.5
-20°	14749.4	13806.4	13135.7	12199.3	11156.7	9994.5	8872.2	7829.6	6880.0	5963.5	4847.9

REPORT NUMBER: P722417

CATALOG NUMBER: IFLD-L-SA7D-727-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°	13534.1	12704.0	11940.3	11103.6	10193.8	9131.2	8088.6	7165.5	6255.7	5359.2	4402.9
-25°	12292.3	11488.7	10745.0	9981.3	9111.3	8194.9	7305.0	6468.2	5578.3	4768.2	3971.3
-27.5°	10911.0	10193.8	9529.7	8825.7	8028.8	7238.6	6508.1	5691.2	4920.9	4230.2	3546.2
-30°	9436.7	8852.3	8274.5	7650.3	7006.1	6342.1	5691.2	4920.9	4316.6	3765.4	3187.6
-32.5°	8022.2	7497.6	7032.7	6567.8	6010.0	5465.5	4887.7	4316.6	3811.9	3327.1	2842.3
-35°	6780.3	6222.5	5963.5	5591.6	5146.7	4655.3	4183.8	3785.3	3380.2	2941.9	2510.3
-37.5°	5704.5	5345.9	5040.4	4761.5	4409.6	3984.5	3645.8	3320.4	2981.8	2583.3	2211.4
-40°	4861.1	4602.1	4296.7	4090.8	3805.2	3499.7	3161.1	2888.8	2603.2	2277.8	1972.3
-42.5°	4183.8	3971.3	3772.0	3552.9	3340.4	3081.4	2789.2	2530.2	2271.2	2032.1	1779.8
-45°	3625.9	3473.2	3313.8	3134.5	2948.6	2722.8	2483.7	2218.1	2032.1	1819.6	1607.1
-47.5°	3167.7	3054.8	2922.0	2782.5	2623.2	2423.9	2204.8	2012.2	1819.6	1640.3	1434.4
-50°	2802.5	2696.2	2589.9	2470.4	2331.0	2158.3	1992.3	1813.0	1633.7	1461.0	1268.4
-52.5°	2497.0	2404.0	2317.7	2218.1	2085.2	1939.1	1786.4	1627.0	1461.0	1288.3	1135.6
-55°	2284.5	2178.2	2091.9	1992.3	1872.7	1733.3	1593.8	1447.7	1288.3	1155.5	1029.3
-57.5°	2111.8	1992.3	1892.7	1786.4	1666.9	1547.3	1421.2	1288.3	1168.8	1042.6	923.1
-60°	1965.7	1826.2	1713.3	1607.1	1494.2	1381.3	1275.1	1162.2	1049.3	936.4	816.8
-62.5°	1813.0	1666.9	1527.4	1427.8	1341.5	1241.8	1148.9	1042.6	943.0	830.1	743.8
-65°	1640.3	1500.8	1368.0	1281.7	1202.0	1115.7	1029.3	936.4	850.0	763.7	684.0
-67.5°	1447.7	1328.2	1235.2	1155.5	1075.8	1002.8	923.1	843.4	770.3	684.0	604.3
-70°	1215.3	1148.9	1095.7	1036.0	962.9	896.5	823.5	750.4	670.7	597.7	524.6
-72.5°	1036.0	996.1	956.3	896.5	830.1	770.3	710.6	644.2	577.8	511.3	451.6
-75°	850.0	816.8	783.6	743.8	690.7	644.2	591.0	531.3	478.1	431.7	385.2
-77.5°	684.0	657.4	637.5	604.3	564.5	524.6	491.4	451.6	411.7	365.2	318.8
-80°	544.6	531.3	524.6	511.3	478.1	444.9	418.4	385.2	345.3	312.1	278.9
-82.5°	425.0	425.0	418.4	411.7	385.2	358.6	338.7	312.1	285.6	259.0	225.8
-85°	312.1	305.5	305.5	298.8	278.9	265.6	245.7	232.4	212.5	185.9	172.7
-87.5°	185.9	179.3	172.7	166.0	152.7	146.1	132.8	126.2	112.9	99.6	93.0
-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: P722417

CATALOG NUMBER: IFLD-L-SA7D-727-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°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	0.0	0.0
85°	19.9	13.3	13.3	13.3	13.3	13.3	6.6	6.6	6.6	6.6	6.6
82.5°	39.8	39.8	33.2	33.2	26.6	19.9	13.3	13.3	13.3	6.6	6.6
80°	59.8	59.8	59.8	53.1	46.5	33.2	26.6	19.9	13.3	6.6	6.6
77.5°	73.0	66.4	66.4	59.8	59.8	53.1	39.8	33.2	19.9	13.3	6.6
75°	73.0	73.0	73.0	66.4	66.4	59.8	53.1	39.8	33.2	19.9	13.3
72.5°	79.7	73.0	73.0	73.0	66.4	59.8	53.1	46.5	39.8	26.6	13.3
70°	73.0	73.0	73.0	73.0	66.4	66.4	53.1	46.5	46.5	26.6	19.9
67.5°	73.0	73.0	73.0	66.4	66.4	59.8	53.1	46.5	46.5	33.2	19.9
65°	79.7	73.0	73.0	73.0	66.4	59.8	53.1	46.5	46.5	39.8	26.6
62.5°	86.3	79.7	79.7	73.0	66.4	59.8	53.1	46.5	46.5	39.8	26.6
60°	93.0	86.3	79.7	79.7	73.0	66.4	53.1	53.1	46.5	39.8	26.6
57.5°	99.6	93.0	93.0	86.3	79.7	73.0	59.8	53.1	46.5	39.8	33.2
55°	119.5	106.3	99.6	99.6	93.0	79.7	66.4	53.1	46.5	39.8	33.2
52.5°	159.4	126.2	112.9	112.9	106.3	93.0	73.0	59.8	46.5	39.8	33.2
50°	252.4	159.4	132.8	119.5	119.5	106.3	86.3	66.4	46.5	39.8	33.2
47.5°	398.5	265.6	159.4	139.5	132.8	126.2	99.6	66.4	53.1	39.8	33.2
45°	657.4	391.8	259.0	166.0	139.5	132.8	112.9	73.0	53.1	46.5	33.2
42.5°	903.2	611.0	398.5	199.2	166.0	146.1	119.5	79.7	59.8	46.5	33.2
40°	1421.2	836.8	557.8	325.4	192.6	152.7	132.8	93.0	59.8	46.5	33.2
37.5°	1925.9	1109.0	750.4	478.1	219.1	172.7	139.5	99.6	66.4	46.5	39.8
35°	2430.6	1554.0	929.7	637.5	292.2	205.9	146.1	106.3	66.4	46.5	39.8
32.5°	2882.1	1972.3	1115.7	796.9	438.3	245.7	159.4	112.9	73.0	53.1	39.8
30°	3254.0	2357.5	1447.7	936.4	571.1	298.8	172.7	112.9	79.7	53.1	39.8
27.5°	3533.0	2656.4	1786.4	1082.5	684.0	352.0	199.2	126.2	79.7	53.1	39.8
25°	3758.7	2888.8	2085.2	1235.2	783.6	438.3	239.1	132.8	86.3	59.8	39.8
22.5°	3938.0	3081.4	2331.0	1441.1	903.2	524.6	292.2	146.1	86.3	59.8	39.8
20°	4183.8	3274.0	2497.0	1660.2	1029.3	604.3	338.7	159.4	86.3	59.8	46.5
17.5°	4396.3	3466.5	2629.8	1846.2	1155.5	664.1	391.8	172.7	93.0	59.8	46.5
15°	4642.0	3652.5	2749.3	1992.3	1275.1	717.2	438.3	185.9	93.0	66.4	46.5
12.5°	4907.6	3825.2	2835.7	2111.8	1401.2	763.7	478.1	212.5	99.6	66.4	46.5
10°	5179.9	3971.3	2908.7	2198.1	1494.2	810.2	504.7	239.1	106.3	66.4	46.5
7.5°	5452.2	4104.1	3001.7	2238.0	1534.0	863.3	518.0	265.6	106.3	73.0	46.5
5°	5638.1	4190.4	3134.5	2264.5	1554.0	923.1	537.9	298.8	112.9	73.0	46.5
2.5°	5797.5	4243.5	3274.0	2284.5	1560.6	956.3	531.3	318.8	119.5	73.0	46.5
0°	5870.5	4243.5	3366.9	2271.2	1540.7	989.5	531.3	338.7	119.5	73.0	46.5
-2.5°	5757.7	4363.1	3340.4	2277.8	1547.3	989.5	557.8	345.3	132.8	79.7	46.5
-5°	5578.3	4409.6	3260.7	2244.6	1534.0	989.5	591.0	352.0	139.5	79.7	53.1
-7.5°	5405.7	4429.5	3167.7	2211.4	1514.1	962.9	597.7	345.3	152.7	86.3	53.1
-10°	5179.9	4210.3	3048.2	2151.6	1474.3	943.0	611.0	345.3	159.4	86.3	53.1
-12.5°	4920.9	3944.7	2902.1	2065.3	1427.8	923.1	617.6	345.3	166.0	93.0	53.1
-15°	4622.1	3672.4	2736.0	1972.3	1361.4	896.5	604.3	338.7	172.7	93.0	59.8
-17.5°	4283.4	3406.8	2563.4	1859.4	1288.3	863.3	577.8	332.0	172.7	93.0	59.8
-20°	3898.2	3141.1	2370.8	1746.6	1202.0	823.5	551.2	318.8	172.7	93.0	59.8

REPORT NUMBER: P722417

CATALOG NUMBER: IFLD-L-SA7D-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3552.9	2895.4	2171.6	1620.4	1109.0	777.0	518.0	305.5	172.7	99.6	59.8
-25°	3267.3	2656.4	2018.8	1494.2	1009.4	723.9	484.8	292.2	172.7	99.6	59.8
-27.5°	2968.5	2397.4	1859.4	1374.7	943.0	677.4	451.6	278.9	166.0	99.6	59.8
-30°	2663.0	2145.0	1693.4	1241.8	876.6	630.9	425.0	259.0	166.0	99.6	59.8
-32.5°	2384.1	1939.1	1540.7	1109.0	803.5	584.4	398.5	252.4	159.4	99.6	59.8
-35°	2111.8	1753.2	1381.3	1002.8	723.9	537.9	371.9	245.7	159.4	99.6	59.8
-37.5°	1886.0	1580.5	1235.2	929.7	677.4	498.1	345.3	232.4	152.7	99.6	59.8
-40°	1700.1	1421.2	1095.7	850.0	637.5	458.2	318.8	225.8	152.7	99.6	59.8
-42.5°	1527.4	1268.4	1009.4	783.6	597.7	431.7	298.8	219.1	146.1	99.6	59.8
-45°	1374.7	1135.6	923.1	723.9	551.2	398.5	285.6	205.9	139.5	99.6	66.4
-47.5°	1221.9	1042.6	843.4	670.7	504.7	358.6	272.3	199.2	132.8	93.0	66.4
-50°	1102.4	943.0	777.0	611.0	458.2	345.3	259.0	185.9	132.8	93.0	66.4
-52.5°	996.1	850.0	703.9	551.2	418.4	325.4	245.7	172.7	126.2	93.0	66.4
-55°	896.5	763.7	630.9	491.4	391.8	305.5	225.8	159.4	126.2	93.0	66.4
-57.5°	796.9	684.0	557.8	444.9	358.6	285.6	212.5	159.4	126.2	93.0	66.4
-60°	717.2	611.0	504.7	411.7	332.0	259.0	192.6	152.7	119.5	93.0	66.4
-62.5°	650.8	551.2	458.2	371.9	305.5	232.4	185.9	152.7	119.5	93.0	59.8
-65°	584.4	498.1	411.7	338.7	272.3	219.1	179.3	146.1	119.5	93.0	59.8
-67.5°	518.0	438.3	371.9	298.8	252.4	212.5	172.7	146.1	112.9	86.3	59.8
-70°	451.6	385.2	325.4	278.9	239.1	199.2	166.0	139.5	112.9	79.7	53.1
-72.5°	398.5	338.7	292.2	259.0	225.8	192.6	159.4	132.8	106.3	73.0	46.5
-75°	338.7	298.8	265.6	232.4	205.9	179.3	152.7	119.5	93.0	66.4	46.5
-77.5°	285.6	259.0	232.4	212.5	185.9	159.4	132.8	106.3	86.3	59.8	39.8
-80°	245.7	225.8	205.9	185.9	166.0	139.5	119.5	93.0	73.0	53.1	33.2
-82.5°	199.2	185.9	166.0	152.7	139.5	119.5	99.6	79.7	53.1	39.8	26.6
-85°	152.7	139.5	132.8	119.5	106.3	86.3	66.4	53.1	39.8	26.6	13.3
-87.5°	79.7	73.0	66.4	59.8	53.1	39.8	33.2	26.6	19.9	13.3	6.6
-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: P722417

CATALOG NUMBER: IFLD-L-SA7D-727-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°	6.6	0.0	0.0	0.0
77.5°	6.6	0.0	0.0	0.0
75°	6.6	6.6	0.0	0.0
72.5°	6.6	6.6	0.0	0.0
70°	6.6	6.6	0.0	0.0
67.5°	13.3	6.6	0.0	0.0
65°	13.3	6.6	0.0	0.0
62.5°	13.3	6.6	0.0	0.0
60°	13.3	6.6	0.0	0.0
57.5°	19.9	6.6	6.6	0.0
55°	19.9	6.6	6.6	0.0
52.5°	19.9	6.6	6.6	0.0
50°	19.9	13.3	6.6	0.0
47.5°	19.9	13.3	6.6	0.0
45°	19.9	13.3	6.6	0.0
42.5°	19.9	13.3	6.6	0.0
40°	26.6	13.3	6.6	0.0
37.5°	26.6	13.3	6.6	0.0
35°	26.6	13.3	6.6	0.0
32.5°	26.6	13.3	6.6	0.0
30°	26.6	13.3	6.6	0.0
27.5°	26.6	19.9	6.6	0.0
25°	26.6	19.9	6.6	0.0
22.5°	33.2	19.9	6.6	0.0
20°	33.2	19.9	6.6	0.0
17.5°	33.2	19.9	6.6	0.0
15°	33.2	19.9	6.6	0.0
12.5°	33.2	19.9	6.6	0.0
10°	33.2	19.9	6.6	0.0
7.5°	33.2	19.9	6.6	0.0
5°	33.2	19.9	6.6	0.0
2.5°	33.2	19.9	6.6	0.0
0°	33.2	19.9	6.6	0.0
-2.5°	33.2	19.9	6.6	0.0
-5°	33.2	19.9	6.6	0.0
-7.5°	33.2	19.9	6.6	0.0
-10°	33.2	19.9	6.6	0.0
-12.5°	39.8	19.9	6.6	0.0
-15°	39.8	19.9	6.6	0.0
-17.5°	39.8	19.9	6.6	0.0
-20°	39.8	19.9	6.6	0.0



REPORT NUMBER: P722417

CATALOG NUMBER: IFLD-L-SA7D-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	39.8	19.9	6.6	0.0
-25°	39.8	19.9	6.6	0.0
-27.5°	39.8	19.9	6.6	0.0
-30°	39.8	19.9	6.6	0.0
-32.5°	39.8	19.9	6.6	0.0
-35°	39.8	19.9	6.6	0.0
-37.5°	39.8	19.9	6.6	0.0
-40°	39.8	19.9	6.6	0.0
-42.5°	33.2	19.9	6.6	0.0
-45°	39.8	19.9	6.6	0.0
-47.5°	39.8	19.9	6.6	0.0
-50°	39.8	19.9	6.6	0.0
-52.5°	39.8	19.9	6.6	0.0
-55°	39.8	19.9	6.6	0.0
-57.5°	39.8	19.9	6.6	0.0
-60°	39.8	19.9	6.6	0.0
-62.5°	33.2	19.9	6.6	0.0
-65°	33.2	13.3	6.6	0.0
-67.5°	33.2	13.3	6.6	0.0
-70°	33.2	13.3	6.6	0.0
-72.5°	26.6	13.3	6.6	0.0
-75°	26.6	13.3	6.6	0.0
-77.5°	19.9	6.6	0.0	0.0
-80°	19.9	6.6	0.0	0.0
-82.5°	13.3	6.6	0.0	0.0
-85°	6.6	6.6	0.0	0.0
-87.5°	6.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)