

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: P722737

Luminaire Tested: **IFLD-L-SA7E-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722737
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

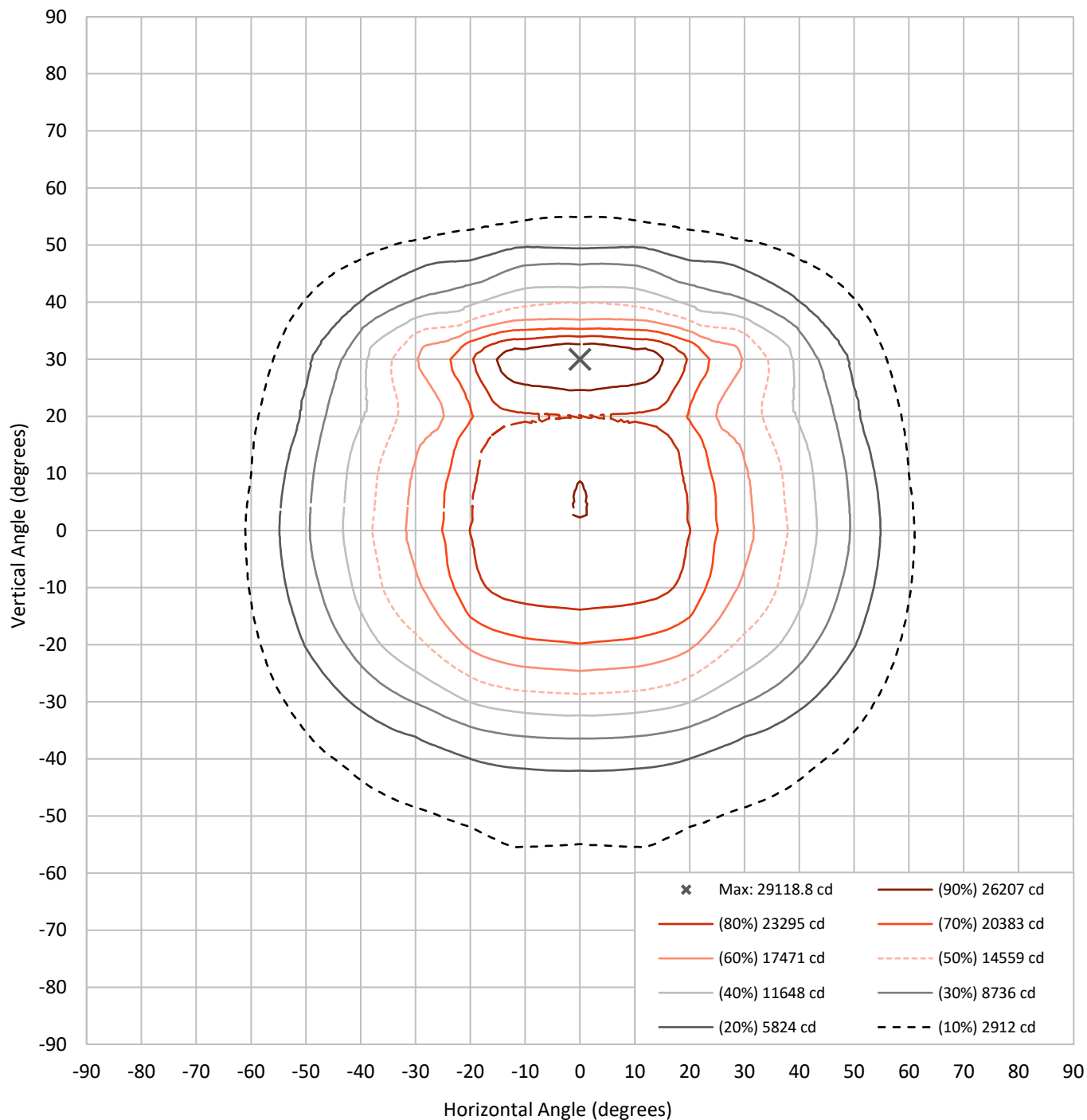
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	41710.8 lumens	Max Intensity:	29118.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	78.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	26609.7 lumens	Field Lumens:	39323.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	532.7		
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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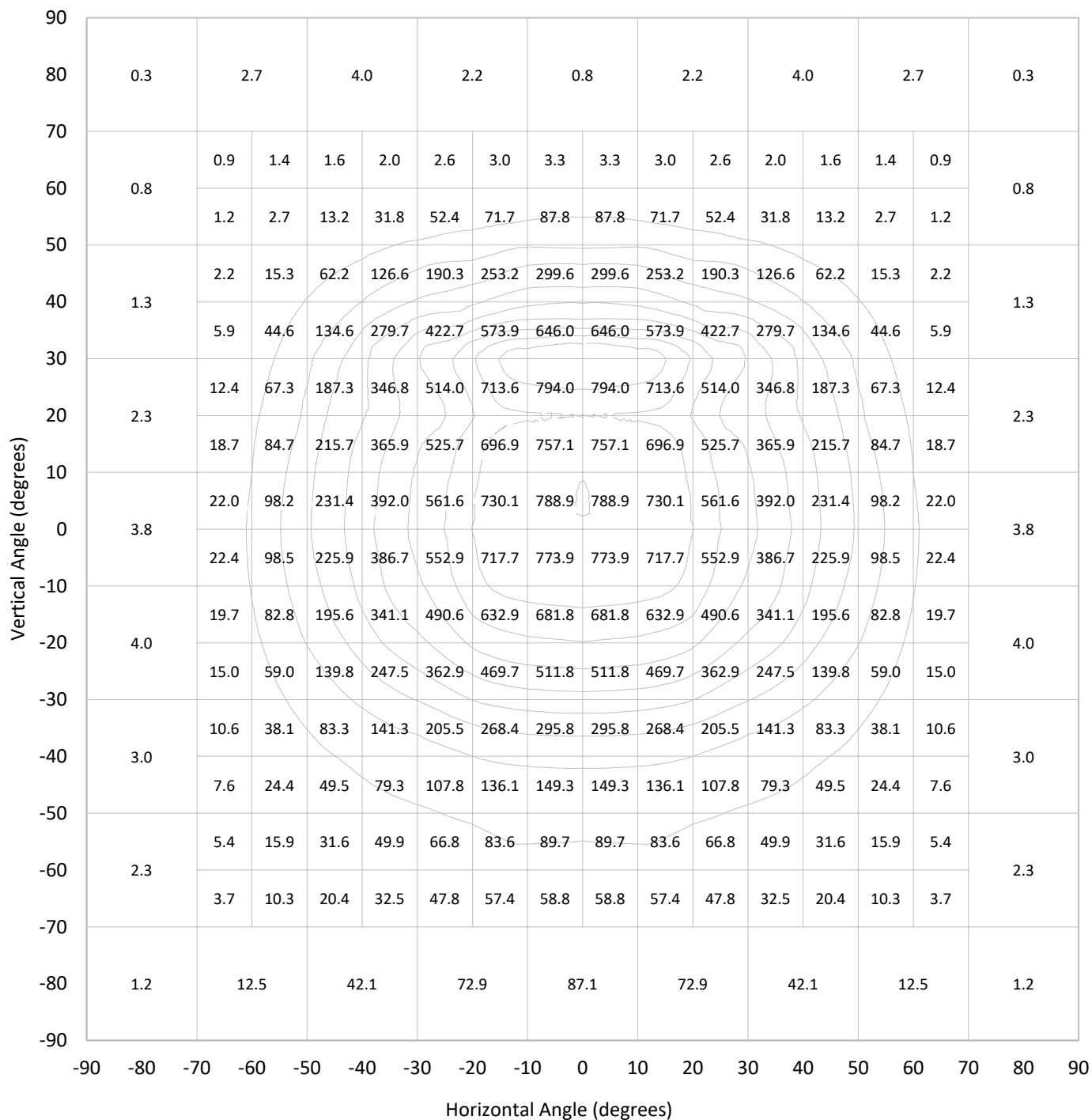
Iso-Candela Plot



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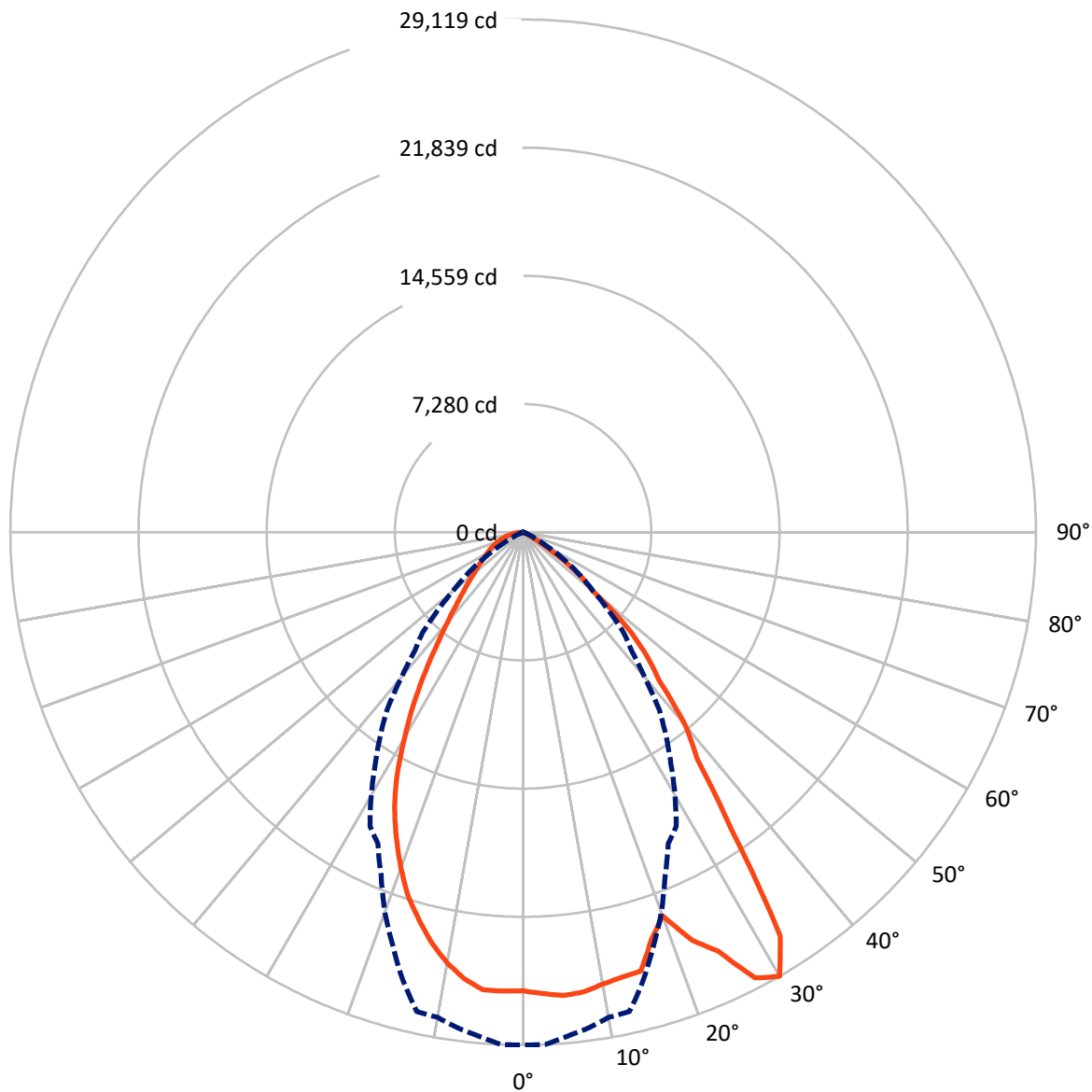
Lumen Table



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Luminous Intensity Polar Plot



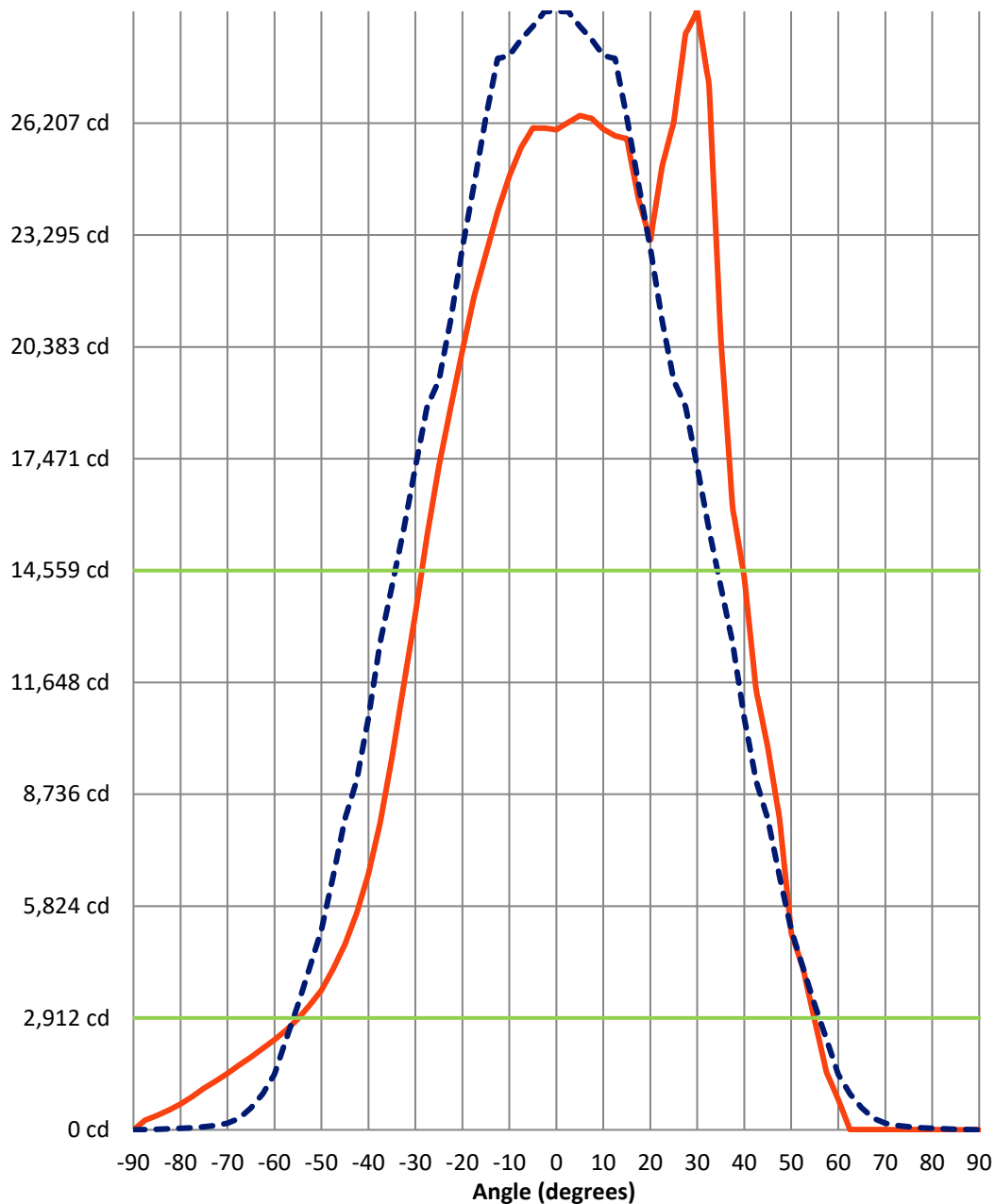
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 26609.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 39323.9

Efficiency: 94.3%

Spill:

Lumens: 2386.9

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°	790.2	856.6	850.0	770.3	670.7	564.4	544.5	524.6	484.8	425.0	444.9
57.5°	1500.8	1580.4	1613.7	1593.7	1540.6	1447.6	1394.5	1334.7	1255.1	1162.1	1055.8
55°	2842.2	2875.4	2802.3	2662.9	2510.1	2357.4	2304.3	2224.6	2105.1	1985.5	1826.1
52.5°	4203.5	4316.4	4283.2	4143.7	3937.8	3665.6	3366.8	3134.3	2994.9	2862.1	2702.7
50°	5133.1	5179.6	5272.6	5438.6	5498.4	5312.4	4827.7	4203.5	3758.5	3984.3	3811.7
47.5°	8101.5	8333.9	8287.4	8167.9	7968.7	7464.0	6786.6	6228.8	5764.0	5611.3	5637.8
45°	9954.2	10047.1	10013.9	9960.8	9867.8	9396.4	8646.0	7789.4	7357.7	7185.1	7005.8
42.5°	11474.9	11574.5	11594.4	11601.0	11501.4	11069.8	10392.5	9535.8	9104.2	8606.1	8214.4
40°	14376.8	14522.9	14356.9	14137.7	13805.7	13314.3	12650.2	11860.0	11096.3	10485.4	10020.6
37.5°	16229.5	16408.8	16475.2	16461.9	16388.9	16176.4	15359.6	14609.2	13440.5	12072.5	12318.2
35°	20625.5	20811.5	20758.3	20559.1	20452.9	20227.1	19430.2	18540.4	17072.8	15585.4	15186.9
32.5°	27179.7	27584.8	26827.8	25997.7	25486.4	25665.7	24855.6	22677.5	22000.1	19317.3	18075.6
30°	29118.8	29112.1	28727.0	28388.3	27970.0	27883.6	26356.3	24616.5	22956.4	21077.1	19509.9
27.5°	28527.8	28408.2	28082.9	27837.2	27445.4	27239.5	25745.4	24364.2	22445.0	20765.0	19250.9
25°	26250.1	26343.0	26011.0	25964.5	25811.8	25413.4	24669.6	23115.7	21402.5	19543.1	18454.1
22.5°	25074.7	25041.5	24643.1	24410.6	24596.6	24171.6	23872.8	22305.6	20519.3	18952.1	17643.9
20°	23162.2	23168.9	23069.3	23049.3	22936.4	22743.9	22504.8	21395.8	20134.1	18792.7	17218.9
17.5°	24231.3	24503.6	24623.1	23633.7	23912.6	23693.5	23441.1	21893.9	20944.3	19755.6	17703.7
15°	25798.5	25698.9	25579.4	25526.3	25373.5	25167.7	24709.5	23474.3	21840.8	20612.2	19011.9
12.5°	25878.2	25685.6	25639.1	25632.5	25473.1	25187.6	24742.7	23720.0	22272.4	20778.3	19476.7
10°	26050.9	25851.6	25825.1	25858.3	25612.6	25433.3	24988.4	24038.8	22405.2	21063.8	19835.3
7.5°	26329.8	25997.7	26150.5	26050.9	25938.0	25652.4	25174.3	24244.6	22890.0	21442.3	20154.1
5°	26402.8	26037.6	26203.6	26110.6	25944.6	25665.7	25147.7	24377.4	23188.8	21595.1	20280.2
2.5°	26223.5	26117.3	26044.2	25871.6	25798.5	25493.0	25001.6	24178.2	23049.3	21528.6	20253.7
0°	26037.6	26130.5	25964.5	25791.9	25758.7	25513.0	25094.6	24350.9	23374.7	21714.6	20479.4
-2.5°	26077.4	26004.4	25891.5	25712.2	25539.5	25187.6	24809.1	24111.8	23062.6	21309.5	20160.7
-5°	26077.4	25738.7	25752.0	25758.7	25586.0	25220.8	24762.6	24171.6	22876.7	21302.9	20067.7
-7.5°	25572.7	25280.6	25234.1	25194.2	25147.7	24809.1	24450.5	23713.4	22564.6	21130.2	19808.7
-10°	24829.0	24543.5	24570.0	24510.2	24364.2	24138.4	23866.1	23202.1	22259.1	20585.7	19284.1
-12.5°	23899.3	23773.1	23700.1	23600.5	23454.4	23255.2	22976.3	22352.1	21342.7	19915.0	18679.9
-15°	22797.0	22704.0	22637.6	22577.9	22365.4	22159.5	21794.3	21216.5	20585.7	19051.7	17790.0
-17.5°	21694.7	21462.2	21369.3	21289.6	21150.1	20818.1	20486.1	20054.4	19171.3	17956.0	16873.6
-20°	20280.2	20140.8	20027.9	19921.6	19722.4	19463.4	19191.2	18693.1	17929.5	16946.7	15824.4

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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°	18799.4	18719.7	18626.7	18493.9	18361.1	18115.4	17736.9	17258.8	16661.1	15598.6	14549.4
-25°	17272.1	17119.3	17006.4	16880.3	16774.0	16548.2	16183.0	15724.8	14974.4	14058.0	13181.5
-27.5°	15472.5	15326.4	15266.6	15120.5	15027.6	14821.7	14456.5	14031.5	13354.1	12583.8	11694.0
-30°	13440.5	13467.0	13400.6	13261.2	13148.3	12882.7	12603.8	12245.2	11713.9	10976.8	10180.0
-32.5°	11561.2	11594.4	11514.7	11368.6	11222.5	11029.9	10771.0	10445.6	10047.1	9343.2	8652.6
-35°	9681.9	9668.6	9602.2	9515.9	9416.3	9256.9	8964.7	8719.0	8260.8	7769.4	7291.3
-37.5°	7995.2	8028.4	8008.5	7962.0	7849.1	7716.3	7477.3	7251.5	6912.8	6481.2	6109.3
-40°	6660.5	6700.3	6673.7	6627.3	6527.7	6448.0	6288.6	6089.4	5817.1	5445.2	5133.1
-42.5°	5637.8	5664.4	5631.2	5591.3	5505.0	5445.2	5319.1	5153.1	4927.3	4641.7	4362.8
-45°	4827.7	4834.3	4801.1	4774.6	4708.1	4635.1	4528.9	4396.0	4216.7	4017.5	3791.8
-47.5°	4190.2	4183.5	4150.3	4123.8	4070.7	4004.2	3917.9	3798.4	3658.9	3506.2	3326.9
-50°	3632.4	3665.6	3652.3	3625.7	3585.9	3539.4	3453.1	3326.9	3187.5	3074.6	2948.4
-52.5°	3247.2	3253.9	3247.2	3247.2	3240.6	3207.4	3107.8	2981.6	2828.9	2729.3	2623.0
-55°	2888.6	2921.8	2935.1	2948.4	2955.0	2955.0	2835.5	2702.7	2556.6	2457.0	2377.3
-57.5°	2596.5	2616.4	2629.7	2662.9	2689.4	2709.3	2603.1	2483.6	2370.7	2277.7	2204.7
-60°	2344.1	2370.7	2390.6	2423.8	2443.7	2457.0	2390.6	2310.9	2244.5	2184.7	2078.5
-62.5°	2118.3	2138.3	2158.2	2178.1	2198.0	2211.3	2184.7	2144.9	2111.7	2085.1	1952.3
-65°	1892.6	1912.5	1932.4	1959.0	1978.9	1992.2	1985.5	1959.0	1932.4	1905.8	1786.3
-67.5°	1686.7	1706.6	1733.2	1739.8	1753.1	1759.7	1746.5	1726.5	1693.3	1660.1	1567.2
-70°	1467.6	1480.8	1494.1	1494.1	1494.1	1487.5	1474.2	1447.6	1414.4	1368.0	1294.9
-72.5°	1268.3	1281.6	1294.9	1275.0	1261.7	1241.8	1221.9	1188.7	1155.5	1122.3	1082.4
-75°	1082.4	1089.0	1089.0	1062.5	1042.6	1022.6	996.1	976.2	943.0	916.4	883.2
-77.5°	863.3	863.3	863.3	843.3	830.1	816.8	796.9	776.9	750.4	730.5	703.9
-80°	670.7	670.7	670.7	664.1	644.1	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	431.6
-85°	371.9	378.5	378.5	371.9	365.2	351.9	345.3	338.7	332.0	325.4	312.1
-87.5°	252.3	252.3	252.3	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	106.2	106.2	106.2	99.6	99.6	93.0
57.5°	969.5	903.1	776.9	657.4	591.0	524.6	325.4	132.8	132.8	119.5	106.2
55°	1620.3	1401.2	1308.2	1148.8	976.2	896.5	743.7	504.7	239.1	159.4	139.5
52.5°	2510.1	2304.3	2065.2	1739.8	1507.4	1321.5	1195.3	949.6	637.5	338.7	212.5
50°	3360.1	3267.1	3121.1	2802.3	2317.5	2005.4	1799.6	1520.7	1142.2	697.3	398.4
47.5°	5412.0	4635.1	4163.6	3917.9	3512.8	2921.8	2523.4	2211.3	1753.1	1175.4	703.9
45°	6813.2	6321.8	5571.4	5053.5	4455.8	3831.6	3313.6	2955.0	2410.5	1759.7	1102.3
42.5°	8015.1	7590.1	6912.8	6155.8	5524.9	4708.1	4044.1	3572.6	3114.4	2403.9	1646.9
40°	9562.4	9057.7	8406.9	7669.8	6932.7	5890.2	4814.4	4243.3	3738.6	3107.8	2224.6
37.5°	12112.4	11222.5	10160.0	9343.2	8380.4	7497.2	6023.0	5013.6	4416.0	3758.5	2901.9
35°	15180.3	14204.1	12431.1	11348.7	10060.4	8745.6	7417.5	5923.4	5073.4	4376.1	3526.1
32.5°	18035.7	16608.0	14336.9	13068.6	12212.0	9788.2	8413.6	7118.7	5750.7	4894.1	3884.7
30°	18825.9	17252.1	15625.2	14144.4	12683.4	10724.5	9097.5	8088.2	6600.7	5206.2	4223.4
27.5°	18029.1	16946.7	15685.0	14310.4	12729.9	11049.9	9515.9	8553.0	7224.9	5418.7	4489.0
25°	17218.9	16090.0	15206.8	14058.0	12597.1	11029.9	9529.2	8845.2	7709.7	5830.4	4635.1
22.5°	16362.3	15658.4	14927.9	13646.3	12265.1	11089.7	9960.8	9097.5	7962.0	6295.2	4694.9
20°	16408.8	15950.6	15147.1	13433.8	12205.3	11441.7	10478.8	9416.3	8234.3	6700.3	4741.3
17.5°	17152.5	16554.9	15545.5	14058.0	12743.2	11800.2	10910.4	9854.6	8513.2	7058.9	5305.8
15°	18068.9	17159.2	16103.3	14795.1	13307.7	12192.0	11242.4	10160.0	8831.9	7390.9	5810.5
12.5°	18733.0	17438.1	16448.6	15266.6	13918.6	12617.0	11461.6	10392.5	9130.7	7663.2	6189.0
10°	18958.8	17783.4	16614.6	15558.8	14230.7	12842.8	11627.6	10538.5	9389.7	7875.7	6467.9
7.5°	19078.3	18082.2	16727.5	15691.6	14416.6	12982.3	11760.4	10618.2	9595.6	8021.8	6647.2
5°	19065.0	18241.6	16813.9	15731.4	14516.2	13042.0	11853.4	10638.2	9741.7	8147.9	6753.4
2.5°	19005.2	18347.8	16953.3	15797.9	14715.4	13154.9	12032.7	10678.0	9794.8	8287.4	6826.5
0°	19224.4	18354.5	17099.4	15817.8	14848.3	13194.8	12112.4	10644.8	9721.8	8327.2	6819.8
-2.5°	18752.9	17962.7	17066.2	15645.1	14669.0	13101.8	11966.3	10538.5	9562.4	8280.8	6793.3
-5°	18673.2	17677.1	16787.3	15485.7	14370.1	12909.2	11694.0	10339.3	9310.0	8128.0	6687.0
-7.5°	18460.7	17404.9	16515.0	15359.6	14091.2	12710.0	11435.0	10133.5	9037.8	7889.0	6534.3
-10°	17995.9	16986.5	16222.8	15087.3	13752.6	12424.5	11122.9	9861.2	8719.0	7563.6	6295.2
-12.5°	17331.8	16322.5	15565.4	14509.6	13327.6	12039.3	10751.0	9509.3	8353.8	7218.3	6009.7
-15°	16581.4	15558.8	14801.8	13838.9	12696.7	11441.7	10279.6	9064.3	7935.5	6853.0	5671.0
-17.5°	15731.4	14761.9	14031.5	13095.2	11959.6	10764.3	9608.9	8506.5	7450.7	6474.5	5279.2
-20°	14748.6	13805.7	13135.0	12198.7	11156.1	9994.0	8871.8	7829.2	6879.6	5963.2	4847.6



REPORT NUMBER: P722737

CATALOG NUMBER: IFLD-L-SA7E-940-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°	13533.4	12703.4	11939.7	11103.0	10193.2	9130.7	8088.2	7165.1	6255.4	5358.9	4402.7
-25°	12291.6	11488.1	10744.4	9980.7	9110.8	8194.4	7304.6	6467.9	5578.1	4767.9	3971.0
-27.5°	10910.4	10193.2	9529.2	8825.3	8028.4	7238.2	6507.7	5690.9	4920.6	4230.0	3546.1
-30°	9436.2	8851.8	8274.1	7649.9	7005.8	6341.7	5690.9	4920.6	4316.4	3765.2	3187.5
-32.5°	8021.8	7497.2	7032.3	6567.5	6009.7	5465.2	4887.4	4316.4	3811.7	3326.9	2842.2
-35°	6780.0	6222.2	5963.2	5591.3	5146.4	4655.0	4183.5	3785.1	3380.0	2941.8	2510.1
-37.5°	5704.2	5345.6	5040.2	4761.3	4409.3	3984.3	3645.7	3320.3	2981.6	2583.2	2211.3
-40°	4860.9	4601.9	4296.4	4090.6	3805.0	3499.6	3160.9	2888.6	2603.1	2277.7	1972.2
-42.5°	4183.5	3971.0	3771.8	3552.7	3340.2	3081.2	2789.0	2530.0	2271.1	2032.0	1779.7
-45°	3625.7	3473.0	3313.6	3134.3	2948.4	2722.6	2483.6	2217.9	2032.0	1819.5	1607.0
-47.5°	3167.5	3054.7	2921.8	2782.4	2623.0	2423.8	2204.7	2012.1	1819.5	1640.2	1434.4
-50°	2802.3	2696.1	2589.8	2470.3	2330.8	2158.2	1992.2	1812.9	1633.6	1460.9	1268.3
-52.5°	2496.8	2403.9	2317.5	2217.9	2085.1	1939.0	1786.3	1626.9	1460.9	1288.3	1135.5
-55°	2284.3	2178.1	2091.8	1992.2	1872.6	1733.2	1593.7	1447.6	1288.3	1155.5	1029.3
-57.5°	2111.7	1992.2	1892.6	1786.3	1666.8	1547.2	1421.1	1288.3	1168.7	1042.6	923.0
-60°	1965.6	1826.1	1713.3	1607.0	1494.1	1381.2	1275.0	1162.1	1049.2	936.3	816.8
-62.5°	1812.9	1666.8	1527.3	1427.7	1341.4	1241.8	1148.8	1042.6	943.0	830.1	743.7
-65°	1640.2	1500.8	1368.0	1281.6	1201.9	1115.6	1029.3	936.3	850.0	763.7	684.0
-67.5°	1447.6	1328.1	1235.1	1155.5	1075.8	1002.7	923.0	843.3	770.3	684.0	604.3
-70°	1215.2	1148.8	1095.7	1035.9	962.9	896.5	823.4	750.4	670.7	597.6	524.6
-72.5°	1035.9	996.1	956.2	896.5	830.1	770.3	710.5	644.1	577.7	511.3	451.6
-75°	850.0	816.8	783.6	743.7	690.6	644.1	591.0	531.2	478.1	431.6	385.2
-77.5°	684.0	657.4	637.5	604.3	564.4	524.6	491.4	451.6	411.7	365.2	318.7
-80°	544.5	531.2	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	285.5	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: P722737

CATALOG NUMBER: IFLD-L-SA7E-940-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	106.2	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	106.2	93.0	73.0	59.8	46.5	39.8	33.2
50°	252.3	159.4	132.8	119.5	119.5	106.2	86.3	66.4	46.5	39.8	33.2
47.5°	398.4	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°	903.1	610.9	398.4	199.2	166.0	146.1	119.5	79.7	59.8	46.5	33.2
40°	1421.1	836.7	557.8	325.4	192.6	152.7	132.8	93.0	59.8	46.5	33.2
37.5°	1925.8	1109.0	750.4	478.1	219.1	172.7	139.5	99.6	66.4	46.5	39.8
35°	2430.4	1553.9	929.7	637.5	292.2	205.9	146.1	106.2	66.4	46.5	39.8
32.5°	2882.0	1972.2	1115.6	796.9	438.3	245.7	159.4	112.9	73.0	53.1	39.8
30°	3253.9	2357.4	1447.6	936.3	571.1	298.8	172.7	112.9	79.7	53.1	39.8
27.5°	3532.8	2656.2	1786.3	1082.4	684.0	351.9	199.2	126.2	79.7	53.1	39.8
25°	3758.5	2888.6	2085.1	1235.1	783.6	438.3	239.1	132.8	86.3	59.8	39.8
22.5°	3937.8	3081.2	2330.8	1441.0	903.1	524.6	292.2	146.1	86.3	59.8	39.8
20°	4183.5	3273.8	2496.8	1660.1	1029.3	604.3	338.7	159.4	86.3	59.8	46.5
17.5°	4396.0	3466.4	2629.7	1846.1	1155.5	664.1	391.8	172.7	93.0	59.8	46.5
15°	4641.7	3652.3	2749.2	1992.2	1275.0	717.2	438.3	185.9	93.0	66.4	46.5
12.5°	4907.4	3825.0	2835.5	2111.7	1401.2	763.7	478.1	212.5	99.6	66.4	46.5
10°	5179.6	3971.0	2908.6	2198.0	1494.1	810.1	504.7	239.1	106.2	66.4	46.5
7.5°	5451.9	4103.9	3001.5	2237.9	1534.0	863.3	518.0	265.6	106.2	73.0	46.5
5°	5637.8	4190.2	3134.3	2264.4	1553.9	923.0	537.9	298.8	112.9	73.0	46.5
2.5°	5797.2	4243.3	3273.8	2284.3	1560.5	956.2	531.2	318.7	119.5	73.0	46.5
0°	5870.2	4243.3	3366.8	2271.1	1540.6	989.4	531.2	338.7	119.5	73.0	46.5
-2.5°	5757.4	4362.8	3340.2	2277.7	1547.2	989.4	557.8	345.3	132.8	79.7	46.5
-5°	5578.1	4409.3	3260.5	2244.5	1534.0	989.4	591.0	351.9	139.5	79.7	53.1
-7.5°	5405.4	4429.2	3167.5	2211.3	1514.0	962.9	597.6	345.3	152.7	86.3	53.1
-10°	5179.6	4210.1	3048.0	2151.5	1474.2	943.0	610.9	345.3	159.4	86.3	53.1
-12.5°	4920.6	3944.5	2901.9	2065.2	1427.7	923.0	617.6	345.3	166.0	93.0	53.1
-15°	4621.8	3672.2	2735.9	1972.2	1361.3	896.5	604.3	338.7	172.7	93.0	59.8
-17.5°	4283.2	3406.6	2563.3	1859.4	1288.3	863.3	577.7	332.0	172.7	93.0	59.8
-20°	3898.0	3141.0	2370.7	1746.5	1201.9	823.4	551.2	318.7	172.7	93.0	59.8

REPORT NUMBER: P722737

CATALOG NUMBER: IFLD-L-SA7E-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3552.7	2895.3	2171.5	1620.3	1109.0	776.9	518.0	305.5	172.7	99.6	59.8
-25°	3267.1	2656.2	2018.7	1494.1	1009.4	723.8	484.8	292.2	172.7	99.6	59.8
-27.5°	2968.3	2397.2	1859.4	1374.6	943.0	677.3	451.6	278.9	166.0	99.6	59.8
-30°	2662.9	2144.9	1693.3	1241.8	876.6	630.9	425.0	259.0	166.0	99.6	59.8
-32.5°	2384.0	1939.0	1540.6	1109.0	803.5	584.4	398.4	252.3	159.4	99.6	59.8
-35°	2111.7	1753.1	1381.2	1002.7	723.8	537.9	371.9	245.7	159.4	99.6	59.8
-37.5°	1885.9	1580.4	1235.1	929.7	677.3	498.0	345.3	232.4	152.7	99.6	59.8
-40°	1700.0	1421.1	1095.7	850.0	637.5	458.2	318.7	225.8	152.7	99.6	59.8
-42.5°	1527.3	1268.3	1009.4	783.6	597.6	431.6	298.8	219.1	146.1	99.6	59.8
-45°	1374.6	1135.5	923.0	723.8	551.2	398.4	285.5	205.9	139.5	99.6	66.4
-47.5°	1221.9	1042.6	843.3	670.7	504.7	358.6	272.3	199.2	132.8	93.0	66.4
-50°	1102.3	943.0	776.9	610.9	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	285.5	212.5	159.4	126.2	93.0	66.4
-60°	717.2	610.9	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	498.0	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	252.3	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°	398.4	338.7	292.2	259.0	225.8	192.6	159.4	132.8	106.2	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°	285.5	259.0	232.4	212.5	185.9	159.4	132.8	106.2	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	106.2	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: P722737

CATALOG NUMBER: IFLD-L-SA7E-940-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: P722737

CATALOG NUMBER: IFLD-L-SA7E-940-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)