

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: P722478

Luminaire Tested: **IFLD-L-SA8B-735-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722478
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-735-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	41045.5 lumens	Max Intensity:	28654.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	128.3 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:	26185.2 lumens	Field Lumens:	38696.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

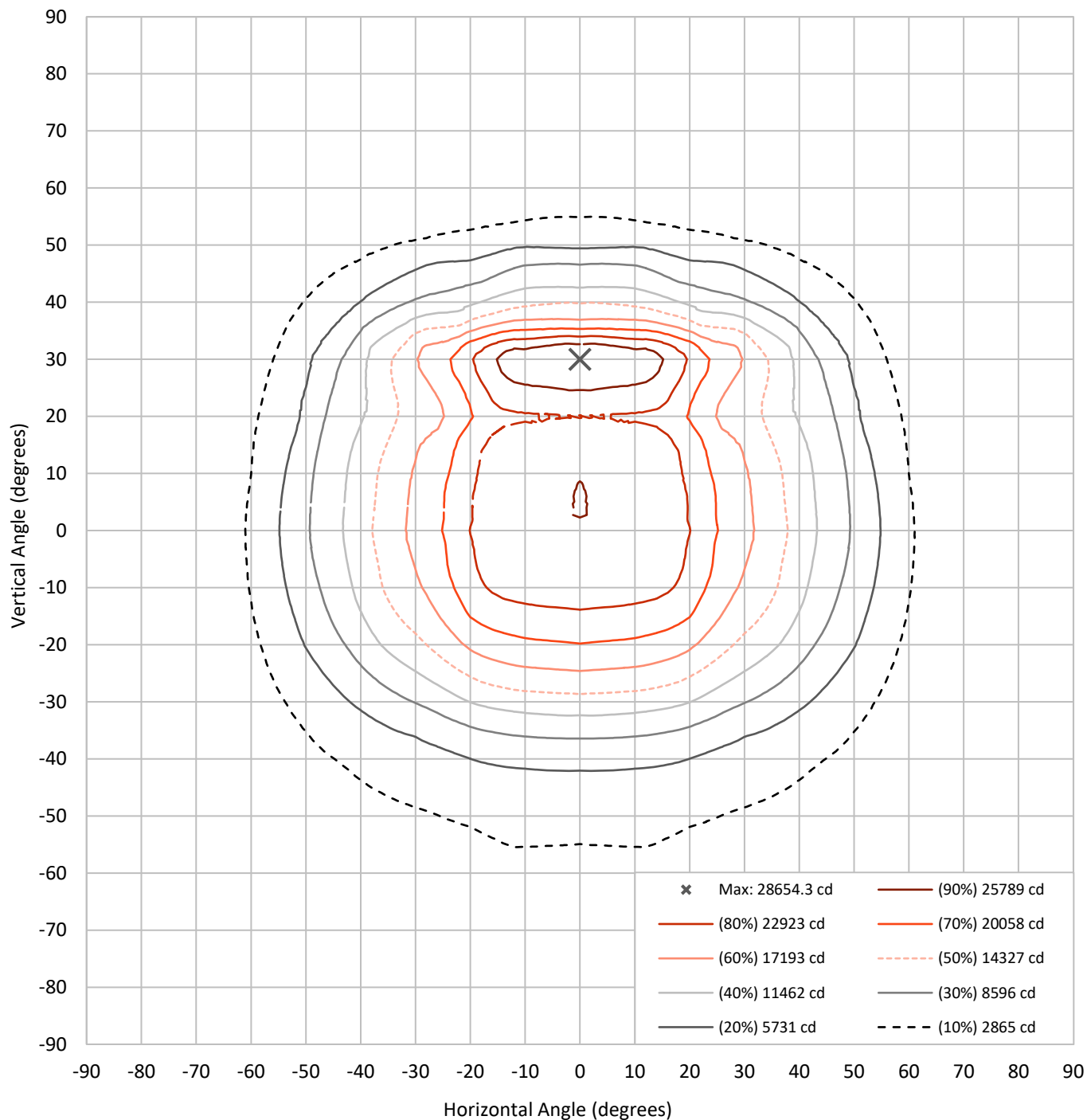
Input Watts (W): 320
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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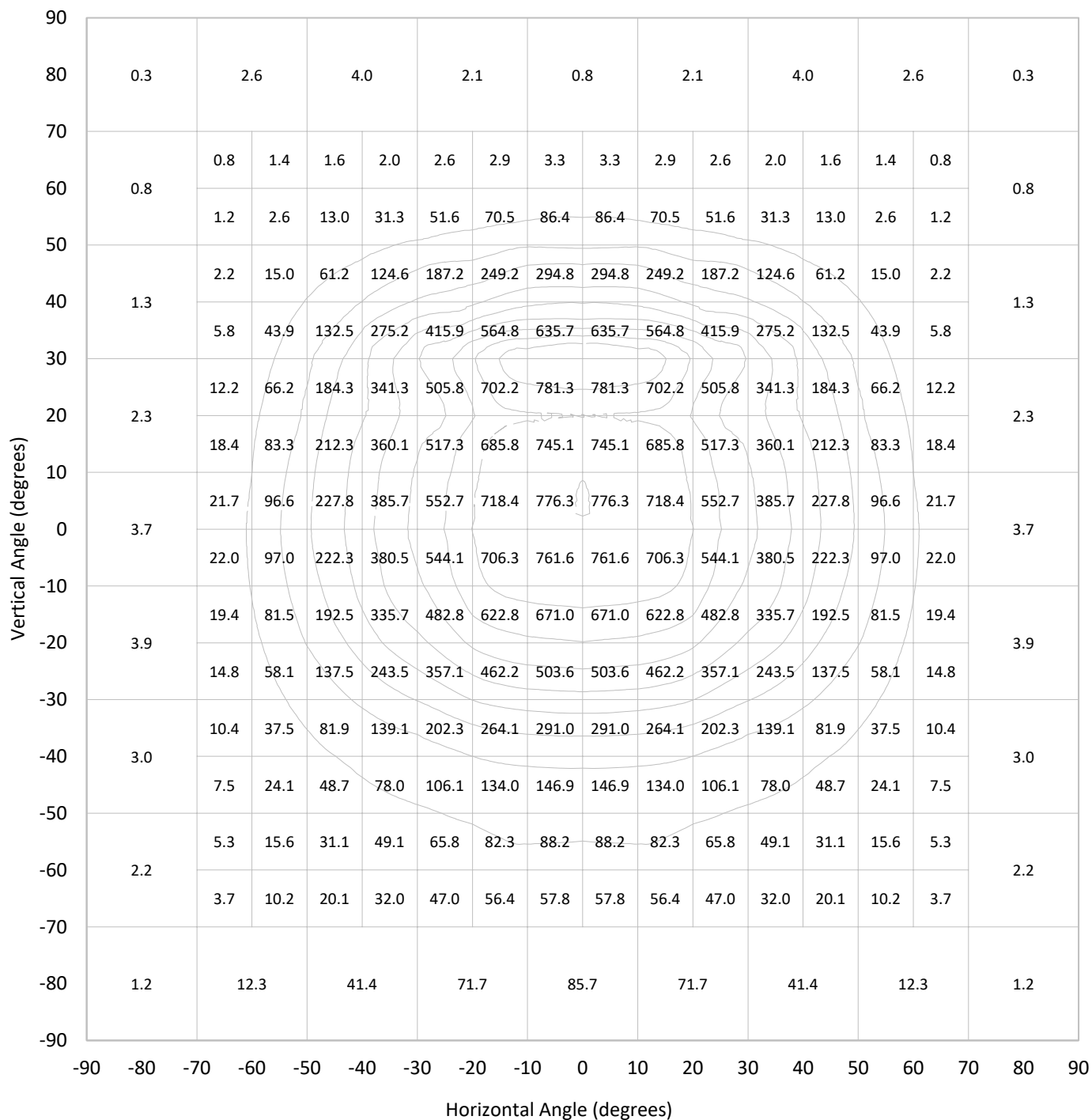
Iso-Candela Plot



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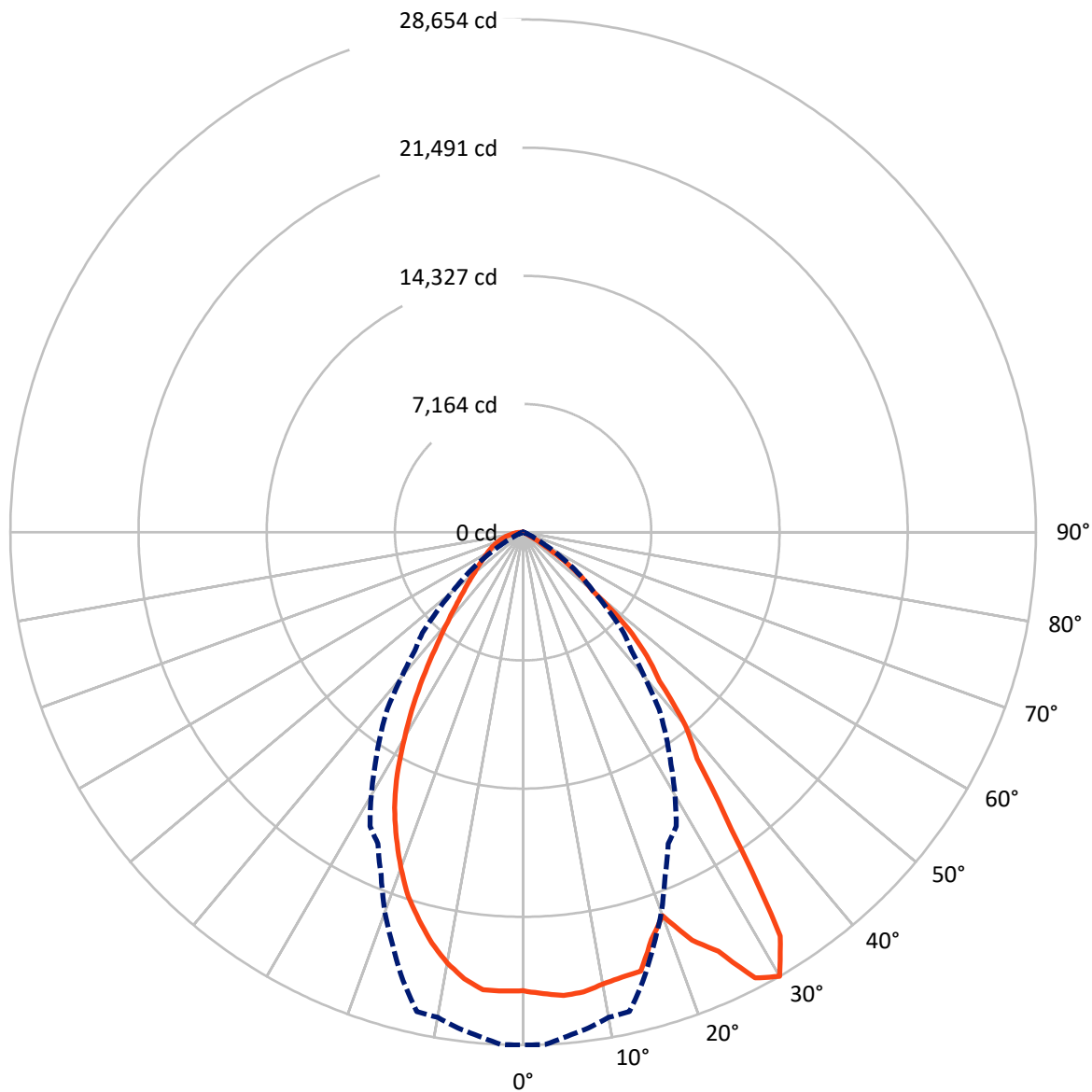
Lumen Table



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Luminous Intensity Polar Plot



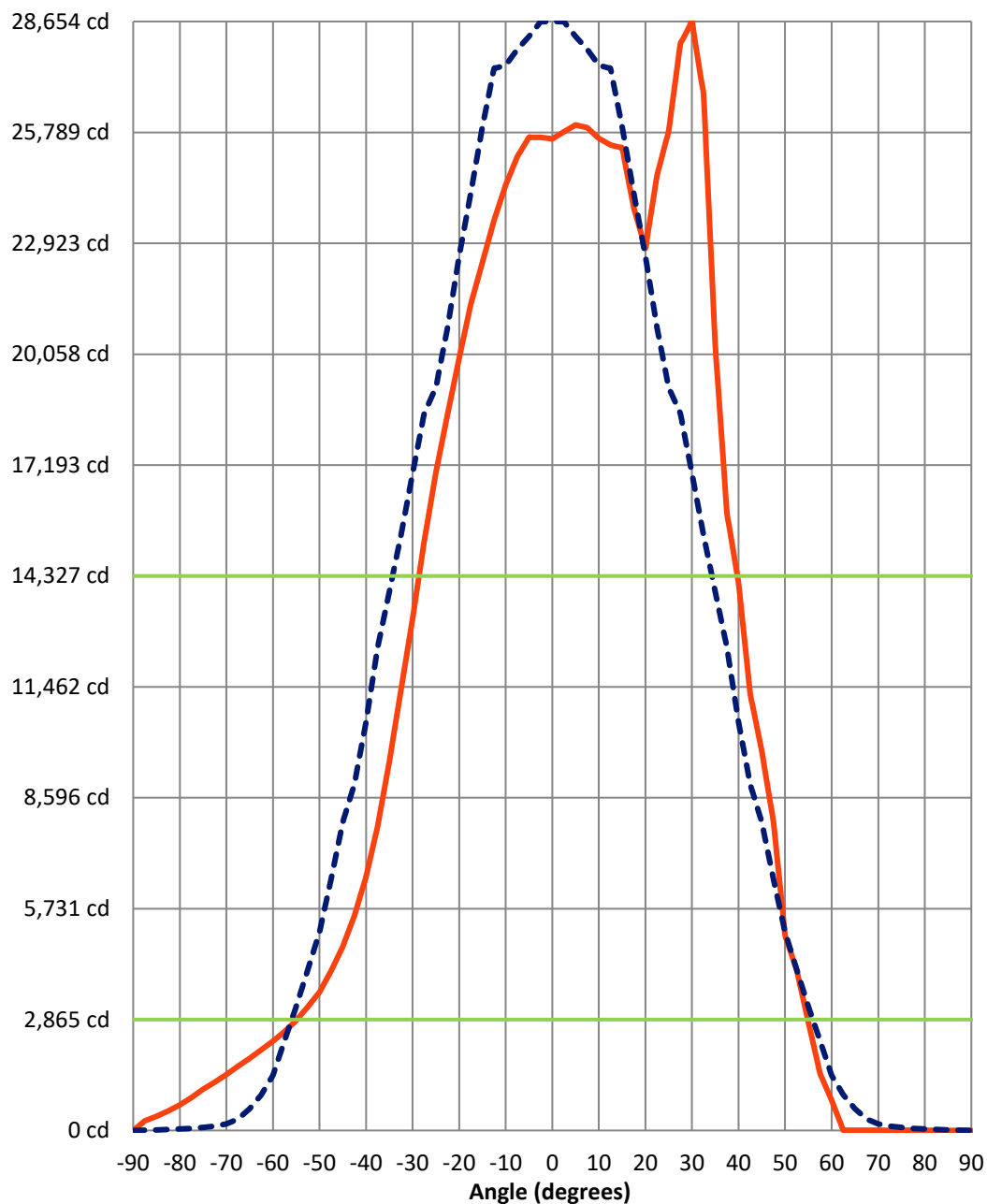
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 26185.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 38696.7

Efficiency: 94.3%

Spill:

Lumens: 2348.8

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	6.5	6.5	6.5	6.5	6.5	6.5	6.5
85°	0.0	6.5	6.5	6.5	13.1	13.1	13.1	13.1	13.1	13.1	19.6
82.5°	0.0	6.5	6.5	6.5	13.1	13.1	13.1	13.1	19.6	19.6	26.1
80°	6.5	6.5	6.5	6.5	13.1	13.1	13.1	19.6	19.6	26.1	26.1
77.5°	6.5	6.5	6.5	13.1	13.1	13.1	19.6	19.6	26.1	26.1	32.7
75°	6.5	6.5	6.5	13.1	13.1	19.6	19.6	19.6	26.1	26.1	32.7
72.5°	0.0	6.5	6.5	13.1	13.1	19.6	19.6	19.6	26.1	26.1	26.1
70°	6.5	6.5	6.5	13.1	13.1	19.6	19.6	19.6	26.1	26.1	26.1
67.5°	6.5	6.5	6.5	13.1	13.1	19.6	19.6	26.1	26.1	26.1	32.7
65°	6.5	6.5	6.5	13.1	19.6	19.6	26.1	32.7	32.7	39.2	45.7
62.5°	6.5	13.1	13.1	19.6	26.1	32.7	71.9	111.1	111.1	78.4	65.3
60°	777.6	843.0	836.4	758.0	660.0	555.4	535.8	516.2	477.0	418.2	437.8
57.5°	1476.8	1555.2	1587.9	1568.3	1516.0	1424.5	1372.3	1313.5	1235.0	1143.6	1039.0
55°	2796.8	2829.5	2757.6	2620.4	2470.1	2319.8	2267.5	2189.1	2071.5	1953.9	1797.0
52.5°	4136.4	4247.5	4214.8	4077.6	3875.0	3607.1	3313.1	3084.3	2947.1	2816.4	2659.6
50°	5051.3	5097.0	5188.5	5351.9	5410.7	5227.7	4750.7	4136.4	3698.6	3920.8	3750.9
47.5°	7972.2	8200.9	8155.2	8037.6	7841.5	7344.9	6678.4	6129.5	5672.0	5521.8	5547.9
45°	9795.4	9886.9	9854.2	9801.9	9710.4	9246.5	8508.1	7665.1	7240.4	7070.5	6894.0
42.5°	11291.8	11389.8	11409.4	11416.0	11318.0	10893.2	10226.7	9383.7	8959.0	8468.9	8083.3
40°	14147.4	14291.2	14127.8	13912.2	13585.5	13101.9	12448.4	11670.8	10919.3	10318.2	9860.7
37.5°	15970.6	16147.0	16212.4	16199.3	16127.4	15918.3	15114.6	14376.2	13226.1	11879.9	12121.7
35°	20296.5	20479.5	20427.2	20231.2	20126.6	19904.4	19120.3	18244.6	16800.5	15336.7	14944.7
32.5°	26746.2	27144.8	26399.9	25583.0	25079.9	25256.3	24459.1	22315.7	21649.2	19009.2	17787.2
30°	28654.3	28647.8	28268.8	27935.5	27523.8	27438.9	25935.9	24223.8	22590.2	20740.9	19198.7
27.5°	28072.7	27955.1	27634.9	27393.1	27007.6	26805.0	25334.7	23975.5	22087.0	20433.7	18943.9
25°	25831.3	25922.8	25596.1	25550.4	25400.1	25008.0	24276.1	22747.0	21061.1	19231.4	18159.7
22.5°	24674.7	24642.0	24250.0	24021.3	24204.2	23786.0	23491.9	21949.8	20192.0	18649.8	17362.5
20°	22792.7	22799.3	22701.3	22681.7	22570.6	22381.1	22145.8	21054.5	19813.0	18493.0	16944.3
17.5°	23844.8	24112.7	24230.4	23256.7	23531.2	23315.5	23067.2	21544.6	20610.2	19440.5	17421.3
15°	25387.0	25289.0	25171.3	25119.1	24968.8	24766.2	24315.3	23099.9	21492.4	20283.4	18708.6
12.5°	25465.4	25275.9	25230.2	25223.6	25066.8	24785.8	24348.0	23341.7	21917.1	20446.8	19166.0
10°	25635.3	25439.3	25413.1	25445.8	25204.0	25027.6	24589.8	23655.3	22047.8	20727.8	19518.9
7.5°	25909.8	25583.0	25733.3	25635.3	25524.2	25243.2	24772.7	23857.9	22524.8	21100.3	19832.6
5°	25981.6	25622.2	25785.6	25694.1	25530.7	25256.3	24746.6	23988.6	22818.9	21250.6	19956.7
2.5°	25805.2	25700.6	25628.8	25458.9	25387.0	25086.4	24602.8	23792.5	22681.7	21185.2	19930.6
0°	25622.2	25713.7	25550.4	25380.5	25347.8	25106.0	24694.3	23962.4	23001.9	21368.2	20152.8
-2.5°	25661.4	25589.6	25478.5	25302.0	25132.1	24785.8	24413.3	23727.2	22694.7	20969.6	19839.1
-5°	25661.4	25328.2	25341.2	25347.8	25177.9	24818.5	24367.6	23786.0	22511.8	20963.0	19747.6
-7.5°	25164.8	24877.3	24831.5	24792.3	24746.6	24413.3	24060.5	23335.1	22204.6	20793.1	19492.8
-10°	24432.9	24151.9	24178.1	24119.3	23975.5	23753.3	23485.4	22832.0	21904.0	20257.3	18976.5
-12.5°	23518.1	23393.9	23322.0	23224.0	23080.3	22884.2	22609.8	21995.5	21002.3	19597.3	18381.9
-15°	22433.3	22341.9	22276.5	22217.7	22008.6	21806.0	21446.6	20878.1	20257.3	18747.8	17506.2
-17.5°	21348.6	21119.9	21028.4	20950.0	20812.8	20486.0	20159.3	19734.5	18865.4	17669.6	16604.5
-20°	19956.7	19819.5	19708.4	19603.8	19407.8	19153.0	18885.0	18394.9	17643.5	16676.3	15572.0

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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°	18499.5	18421.1	18329.6	18198.9	18068.2	17826.4	17454.0	16983.5	16395.4	15349.8	14317.3
-25°	16996.5	16846.2	16735.2	16611.0	16506.4	16284.3	15924.9	15474.0	14735.6	13833.8	12971.2
-27.5°	15225.7	15081.9	15023.1	14879.3	14787.8	14585.3	14225.9	13807.6	13141.1	12383.1	11507.5
-30°	13226.1	13252.2	13186.9	13049.6	12938.5	12677.2	12402.7	12049.8	11527.1	10801.7	10017.6
-32.5°	11376.8	11409.4	11331.0	11187.3	11043.5	10854.0	10599.1	10279.0	9886.9	9194.2	8514.6
-35°	9527.5	9514.4	9449.1	9364.1	9266.1	9109.3	8821.7	8580.0	8129.1	7645.5	7175.0
-37.5°	7867.7	7900.4	7880.7	7835.0	7723.9	7593.2	7358.0	7135.8	6802.5	6377.8	6011.8
-40°	6554.2	6593.4	6567.3	6521.5	6423.5	6345.1	6188.3	5992.2	5724.3	5358.4	5051.3
-42.5°	5547.9	5574.0	5541.4	5502.1	5417.2	5358.4	5234.2	5070.9	4848.7	4567.7	4293.2
-45°	4750.7	4757.2	4724.5	4698.4	4633.0	4561.2	4456.6	4325.9	4149.5	3953.4	3731.3
-47.5°	4123.3	4116.8	4084.1	4058.0	4005.7	3940.4	3855.4	3737.8	3600.6	3450.3	3273.8
-50°	3574.4	3607.1	3594.0	3567.9	3528.7	3483.0	3398.0	3273.8	3136.6	3025.5	2901.4
-52.5°	3195.4	3202.0	3195.4	3195.4	3188.9	3156.2	3058.2	2934.0	2783.7	2685.7	2581.2
-55°	2842.6	2875.2	2888.3	2901.4	2907.9	2907.9	2790.3	2659.6	2515.8	2417.8	2339.4
-57.5°	2555.0	2574.6	2587.7	2620.4	2646.5	2666.1	2561.6	2443.9	2332.9	2241.4	2169.5
-60°	2306.7	2332.9	2352.5	2385.1	2404.7	2417.8	2352.5	2274.0	2208.7	2149.9	2045.3
-62.5°	2084.5	2104.1	2123.8	2143.4	2163.0	2176.0	2149.9	2110.7	2078.0	2051.9	1921.2
-65°	1862.4	1882.0	1901.6	1927.7	1947.3	1960.4	1953.9	1927.7	1901.6	1875.4	1757.8
-67.5°	1659.8	1679.4	1705.5	1712.1	1725.1	1731.7	1718.6	1699.0	1666.3	1633.7	1542.2
-70°	1444.2	1457.2	1470.3	1470.3	1470.3	1463.8	1450.7	1424.5	1391.9	1346.1	1274.3
-72.5°	1248.1	1261.2	1274.3	1254.6	1241.6	1222.0	1202.4	1169.7	1137.0	1104.4	1065.1
-75°	1065.1	1071.7	1071.7	1045.5	1025.9	1006.3	980.2	960.6	927.9	901.8	869.1
-77.5°	849.5	849.5	849.5	829.9	816.8	803.8	784.2	764.6	738.4	718.8	692.7
-80°	660.0	660.0	660.0	653.5	633.9	620.8	607.7	594.7	575.0	562.0	548.9
-82.5°	503.2	503.2	503.2	496.6	483.6	477.0	464.0	450.9	444.4	431.3	424.8
-85°	365.9	372.5	372.5	365.9	359.4	346.3	339.8	333.3	326.7	320.2	307.1
-87.5°	248.3	248.3	248.3	241.8	235.2	235.2	228.7	215.6	202.6	196.0	189.5
-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°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
85°	19.6	19.6	19.6	26.1	26.1	26.1	26.1	26.1	26.1	26.1	19.6
82.5°	32.7	32.7	39.2	39.2	45.7	45.7	45.7	45.7	45.7	45.7	45.7
80°	32.7	39.2	45.7	52.3	58.8	65.3	65.3	65.3	65.3	58.8	58.8
77.5°	39.2	39.2	45.7	52.3	58.8	65.3	71.9	78.4	71.9	71.9	71.9
75°	39.2	45.7	45.7	52.3	58.8	65.3	71.9	78.4	78.4	78.4	78.4
72.5°	32.7	39.2	45.7	52.3	52.3	58.8	65.3	65.3	71.9	71.9	78.4
70°	32.7	39.2	45.7	45.7	52.3	52.3	58.8	65.3	65.3	71.9	71.9
67.5°	39.2	45.7	45.7	52.3	58.8	58.8	58.8	65.3	65.3	71.9	71.9
65°	45.7	52.3	52.3	58.8	65.3	65.3	71.9	71.9	71.9	78.4	78.4
62.5°	78.4	78.4	78.4	71.9	78.4	78.4	78.4	85.0	85.0	78.4	85.0
60°	405.1	294.1	202.6	254.9	228.7	104.6	104.6	104.6	98.0	98.0	91.5
57.5°	954.1	888.7	764.6	646.9	581.6	516.2	320.2	130.7	130.7	117.6	104.6
55°	1594.4	1378.8	1287.3	1130.5	960.6	882.2	731.9	496.6	235.2	156.8	137.2
52.5°	2470.1	2267.5	2032.3	1712.1	1483.4	1300.4	1176.2	934.5	627.3	333.3	209.1
50°	3306.5	3215.0	3071.3	2757.6	2280.6	1973.5	1770.9	1496.4	1124.0	686.1	392.1
47.5°	5325.7	4561.2	4097.2	3855.4	3456.8	2875.2	2483.2	2176.0	1725.1	1156.6	692.7
45°	6704.5	6221.0	5482.5	4972.8	4384.7	3770.5	3260.8	2907.9	2372.1	1731.7	1084.7
42.5°	7887.3	7469.1	6802.5	6057.6	5436.8	4633.0	3979.6	3515.6	3064.7	2365.5	1620.6
40°	9409.8	8913.2	8272.8	7547.5	6822.1	5796.2	4737.6	4175.6	3679.0	3058.2	2189.1
37.5°	11919.1	11043.5	9998.0	9194.2	8246.7	7377.6	5926.9	4933.6	4345.5	3698.6	2855.6
35°	14938.1	13977.5	12232.8	11167.7	9899.9	8606.1	7299.2	5828.9	4992.4	4306.3	3469.9
32.5°	17748.0	16343.1	14108.2	12860.1	12017.2	9632.0	8279.4	7005.1	5659.0	4816.0	3822.8
30°	18525.6	16976.9	15376.0	13918.7	12481.1	10553.4	8952.4	7959.2	6495.4	5123.1	4156.0
27.5°	17741.5	16676.3	15434.8	14082.1	12526.9	10873.6	9364.1	8416.6	7109.7	5332.2	4417.4
25°	16944.3	15833.4	14964.3	13833.8	12396.2	10854.0	9377.2	8704.1	7586.7	5737.4	4561.2
22.5°	16101.3	15408.6	14689.8	13428.6	12069.4	10912.8	9801.9	8952.4	7835.0	6194.8	4620.0
20°	16147.0	15696.1	14905.5	13219.5	12010.6	11259.1	10311.6	9266.1	8102.9	6593.4	4665.7
17.5°	16878.9	16290.8	15297.5	13833.8	12539.9	11612.0	10736.4	9697.4	8377.4	6946.3	5221.2
15°	17780.7	16885.4	15846.4	14559.1	13095.4	11997.6	11063.1	9998.0	8691.0	7273.0	5717.8
12.5°	18434.2	17159.9	16186.2	15023.1	13696.6	12415.8	11278.7	10226.7	8985.1	7540.9	6090.3
10°	18656.3	17499.7	16349.6	15310.6	14003.7	12637.9	11442.1	10370.4	9239.9	7750.1	6364.7
7.5°	18774.0	17793.8	16460.7	15441.3	14186.7	12775.2	11572.8	10448.9	9442.5	7893.8	6541.2
5°	18760.9	17950.6	16545.6	15480.5	14284.7	12834.0	11664.3	10468.5	9586.3	8018.0	6645.7
2.5°	18702.1	18055.1	16682.9	15545.9	14480.7	12945.1	11840.7	10507.7	9638.6	8155.2	6717.6
0°	18917.7	18061.7	16826.6	15565.5	14611.4	12984.3	11919.1	10475.0	9566.7	8194.4	6711.1
-2.5°	18453.8	17676.1	16794.0	15395.6	14435.0	12892.8	11775.4	10370.4	9409.8	8148.7	6684.9
-5°	18375.3	17395.1	16519.5	15238.7	14140.9	12703.3	11507.5	10174.4	9161.5	7998.4	6580.4
-7.5°	18166.2	17127.2	16251.6	15114.6	13866.5	12507.3	11252.6	9971.8	8893.6	7763.1	6430.1
-10°	17708.8	16715.5	15964.1	14846.6	13533.2	12226.3	10945.5	9703.9	8580.0	7442.9	6194.8
-12.5°	17055.3	16062.1	15317.1	14278.1	13115.0	11847.3	10579.5	9357.6	8220.5	7103.1	5913.8
-15°	16316.9	15310.6	14565.7	13618.1	12494.2	11259.1	10115.6	8919.8	7808.9	6743.7	5580.6
-17.5°	15480.5	14526.5	13807.6	12886.3	11768.8	10592.6	9455.6	8370.8	7331.8	6371.3	5195.0
-20°	14513.4	13585.5	12925.5	12004.1	10978.2	9834.6	8730.2	7704.3	6769.9	5868.1	4770.3

REPORT NUMBER: P722478

CATALOG NUMBER: IFLD-L-SA8B-735-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°	13317.5	12500.7	11749.2	10925.9	10030.6	8985.1	7959.2	7050.9	6155.6	5273.4	4332.5
-25°	12095.6	11304.9	10573.0	9821.5	8965.5	8063.7	7188.1	6364.7	5489.1	4691.9	3907.7
-27.5°	10736.4	10030.6	9377.2	8684.5	7900.4	7122.7	6403.9	5600.2	4842.2	4162.6	3489.5
-30°	9285.7	8710.6	8142.1	7527.9	6894.0	6240.6	5600.2	4842.2	4247.5	3705.1	3136.6
-32.5°	7893.8	7377.6	6920.2	6462.7	5913.8	5378.0	4809.5	4247.5	3750.9	3273.8	2796.8
-35°	6671.8	6122.9	5868.1	5502.1	5064.3	4580.8	4116.8	3724.7	3326.1	2894.8	2470.1
-37.5°	5613.2	5260.4	4959.8	4685.3	4339.0	3920.8	3587.5	3267.3	2934.0	2542.0	2176.0
-40°	4783.3	4528.5	4227.9	4025.3	3744.3	3443.7	3110.5	2842.6	2561.6	2241.4	1940.8
-42.5°	4116.8	3907.7	3711.7	3496.0	3286.9	3032.1	2744.5	2489.7	2234.8	1999.6	1751.3
-45°	3567.9	3417.6	3260.8	3084.3	2901.4	2679.2	2443.9	2182.6	1999.6	1790.5	1581.4
-47.5°	3117.0	3005.9	2875.2	2738.0	2581.2	2385.1	2169.5	1980.0	1790.5	1614.1	1411.5
-50°	2757.6	2653.1	2548.5	2430.9	2293.7	2123.8	1960.4	1784.0	1607.5	1437.6	1248.1
-52.5°	2457.0	2365.5	2280.6	2182.6	2051.9	1908.1	1757.8	1601.0	1437.6	1267.7	1117.4
-55°	2247.9	2143.4	2058.4	1960.4	1842.8	1705.5	1568.3	1424.5	1267.7	1137.0	1012.9
-57.5°	2078.0	1960.4	1862.4	1757.8	1640.2	1522.6	1398.4	1267.7	1150.1	1025.9	908.3
-60°	1934.2	1797.0	1685.9	1581.4	1470.3	1359.2	1254.6	1143.6	1032.5	921.4	803.8
-62.5°	1784.0	1640.2	1503.0	1404.9	1320.0	1222.0	1130.5	1025.9	927.9	816.8	731.9
-65°	1614.1	1476.8	1346.1	1261.2	1182.8	1097.8	1012.9	921.4	836.4	751.5	673.1
-67.5°	1424.5	1306.9	1215.4	1137.0	1058.6	986.7	908.3	829.9	758.0	673.1	594.7
-70°	1195.8	1130.5	1078.2	1019.4	947.5	882.2	810.3	738.4	660.0	588.1	516.2
-72.5°	1019.4	980.2	941.0	882.2	816.8	758.0	699.2	633.9	568.5	503.2	444.4
-75°	836.4	803.8	771.1	731.9	679.6	633.9	581.6	522.8	470.5	424.8	379.0
-77.5°	673.1	646.9	627.3	594.7	555.4	516.2	483.6	444.4	405.1	359.4	313.7
-80°	535.8	522.8	516.2	503.2	470.5	437.8	411.7	379.0	339.8	307.1	274.5
-82.5°	418.2	418.2	411.7	405.1	379.0	352.9	333.3	307.1	281.0	254.9	222.2
-85°	307.1	300.6	300.6	294.1	274.5	261.4	241.8	228.7	209.1	183.0	169.9
-87.5°	183.0	176.4	169.9	163.4	150.3	143.8	130.7	124.2	111.1	98.0	91.5
-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: P722478

CATALOG NUMBER: IFLD-L-SA8B-735-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°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	0.0	0.0
85°	19.6	13.1	13.1	13.1	13.1	13.1	6.5	6.5	6.5	6.5	6.5
82.5°	39.2	39.2	32.7	32.7	26.1	19.6	13.1	13.1	13.1	6.5	6.5
80°	58.8	58.8	58.8	52.3	45.7	32.7	26.1	19.6	13.1	6.5	6.5
77.5°	71.9	65.3	65.3	58.8	58.8	52.3	39.2	32.7	19.6	13.1	6.5
75°	71.9	71.9	71.9	65.3	65.3	58.8	52.3	39.2	32.7	19.6	13.1
72.5°	78.4	71.9	71.9	71.9	65.3	58.8	52.3	45.7	39.2	26.1	13.1
70°	71.9	71.9	71.9	71.9	65.3	65.3	52.3	45.7	45.7	26.1	19.6
67.5°	71.9	71.9	71.9	65.3	65.3	58.8	52.3	45.7	45.7	32.7	19.6
65°	78.4	71.9	71.9	71.9	65.3	58.8	52.3	45.7	45.7	39.2	26.1
62.5°	85.0	78.4	78.4	71.9	65.3	58.8	52.3	45.7	45.7	39.2	26.1
60°	91.5	85.0	78.4	78.4	71.9	65.3	52.3	52.3	45.7	39.2	26.1
57.5°	98.0	91.5	91.5	85.0	78.4	71.9	58.8	52.3	45.7	39.2	32.7
55°	117.6	104.6	98.0	98.0	91.5	78.4	65.3	52.3	45.7	39.2	32.7
52.5°	156.8	124.2	111.1	111.1	104.6	91.5	71.9	58.8	45.7	39.2	32.7
50°	248.3	156.8	130.7	117.6	117.6	104.6	85.0	65.3	45.7	39.2	32.7
47.5°	392.1	261.4	156.8	137.2	130.7	124.2	98.0	65.3	52.3	39.2	32.7
45°	646.9	385.5	254.9	163.4	137.2	130.7	111.1	71.9	52.3	45.7	32.7
42.5°	888.7	601.2	392.1	196.0	163.4	143.8	117.6	78.4	58.8	45.7	32.7
40°	1398.4	823.4	548.9	320.2	189.5	150.3	130.7	91.5	58.8	45.7	32.7
37.5°	1895.0	1091.3	738.4	470.5	215.6	169.9	137.2	98.0	65.3	45.7	39.2
35°	2391.7	1529.1	914.8	627.3	287.5	202.6	143.8	104.6	65.3	45.7	39.2
32.5°	2836.0	1940.8	1097.8	784.2	431.3	241.8	156.8	111.1	71.9	52.3	39.2
30°	3202.0	2319.8	1424.5	921.4	562.0	294.1	169.9	111.1	78.4	52.3	39.2
27.5°	3476.4	2613.8	1757.8	1065.1	673.1	346.3	196.0	124.2	78.4	52.3	39.2
25°	3698.6	2842.6	2051.9	1215.4	771.1	431.3	235.2	130.7	85.0	58.8	39.2
22.5°	3875.0	3032.1	2293.7	1418.0	888.7	516.2	287.5	143.8	85.0	58.8	39.2
20°	4116.8	3221.6	2457.0	1633.7	1012.9	594.7	333.3	156.8	85.0	58.8	45.7
17.5°	4325.9	3411.1	2587.7	1816.6	1137.0	653.5	385.5	169.9	91.5	58.8	45.7
15°	4567.7	3594.0	2705.3	1960.4	1254.6	705.7	431.3	183.0	91.5	65.3	45.7
12.5°	4829.1	3763.9	2790.3	2078.0	1378.8	751.5	470.5	209.1	98.0	65.3	45.7
10°	5097.0	3907.7	2862.2	2163.0	1470.3	797.2	496.6	235.2	104.6	65.3	45.7
7.5°	5364.9	4038.4	2953.6	2202.2	1509.5	849.5	509.7	261.4	104.6	71.9	45.7
5°	5547.9	4123.3	3084.3	2228.3	1529.1	908.3	529.3	294.1	111.1	71.9	45.7
2.5°	5704.7	4175.6	3221.6	2247.9	1535.6	941.0	522.8	313.7	117.6	71.9	45.7
0°	5776.6	4175.6	3313.1	2234.8	1516.0	973.7	522.8	333.3	117.6	71.9	45.7
-2.5°	5665.5	4293.2	3286.9	2241.4	1522.6	973.7	548.9	339.8	130.7	78.4	45.7
-5°	5489.1	4339.0	3208.5	2208.7	1509.5	973.7	581.6	346.3	137.2	78.4	52.3
-7.5°	5319.2	4358.6	3117.0	2176.0	1489.9	947.5	588.1	339.8	150.3	85.0	52.3
-10°	5097.0	4142.9	2999.4	2117.2	1450.7	927.9	601.2	339.8	156.8	85.0	52.3
-12.5°	4842.2	3881.6	2855.6	2032.3	1404.9	908.3	607.7	339.8	163.4	91.5	52.3
-15°	4548.1	3613.6	2692.3	1940.8	1339.6	882.2	594.7	333.3	169.9	91.5	58.8
-17.5°	4214.8	3352.3	2522.4	1829.7	1267.7	849.5	568.5	326.7	169.9	91.5	58.8
-20°	3835.8	3090.9	2332.9	1718.6	1182.8	810.3	542.4	313.7	169.9	91.5	58.8

REPORT NUMBER: P722478

CATALOG NUMBER: IFLD-L-SA8B-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3496.0	2849.1	2136.8	1594.4	1091.3	764.6	509.7	300.6	169.9	98.0	58.8
-25°	3215.0	2613.8	1986.5	1470.3	993.3	712.3	477.0	287.5	169.9	98.0	58.8
-27.5°	2921.0	2359.0	1829.7	1352.7	927.9	666.5	444.4	274.5	163.4	98.0	58.8
-30°	2620.4	2110.7	1666.3	1222.0	862.6	620.8	418.2	254.9	163.4	98.0	58.8
-32.5°	2345.9	1908.1	1516.0	1091.3	790.7	575.0	392.1	248.3	156.8	98.0	58.8
-35°	2078.0	1725.1	1359.2	986.7	712.3	529.3	365.9	241.8	156.8	98.0	58.8
-37.5°	1855.8	1555.2	1215.4	914.8	666.5	490.1	339.8	228.7	150.3	98.0	58.8
-40°	1672.9	1398.4	1078.2	836.4	627.3	450.9	313.7	222.2	150.3	98.0	58.8
-42.5°	1503.0	1248.1	993.3	771.1	588.1	424.8	294.1	215.6	143.8	98.0	58.8
-45°	1352.7	1117.4	908.3	712.3	542.4	392.1	281.0	202.6	137.2	98.0	65.3
-47.5°	1202.4	1025.9	829.9	660.0	496.6	352.9	267.9	196.0	130.7	91.5	65.3
-50°	1084.7	927.9	764.6	601.2	450.9	339.8	254.9	183.0	130.7	91.5	65.3
-52.5°	980.2	836.4	692.7	542.4	411.7	320.2	241.8	169.9	124.2	91.5	65.3
-55°	882.2	751.5	620.8	483.6	385.5	300.6	222.2	156.8	124.2	91.5	65.3
-57.5°	784.2	673.1	548.9	437.8	352.9	281.0	209.1	156.8	124.2	91.5	65.3
-60°	705.7	601.2	496.6	405.1	326.7	254.9	189.5	150.3	117.6	91.5	65.3
-62.5°	640.4	542.4	450.9	365.9	300.6	228.7	183.0	150.3	117.6	91.5	58.8
-65°	575.0	490.1	405.1	333.3	267.9	215.6	176.4	143.8	117.6	91.5	58.8
-67.5°	509.7	431.3	365.9	294.1	248.3	209.1	169.9	143.8	111.1	85.0	58.8
-70°	444.4	379.0	320.2	274.5	235.2	196.0	163.4	137.2	111.1	78.4	52.3
-72.5°	392.1	333.3	287.5	254.9	222.2	189.5	156.8	130.7	104.6	71.9	45.7
-75°	333.3	294.1	261.4	228.7	202.6	176.4	150.3	117.6	91.5	65.3	45.7
-77.5°	281.0	254.9	228.7	209.1	183.0	156.8	130.7	104.6	85.0	58.8	39.2
-80°	241.8	222.2	202.6	183.0	163.4	137.2	117.6	91.5	71.9	52.3	32.7
-82.5°	196.0	183.0	163.4	150.3	137.2	117.6	98.0	78.4	52.3	39.2	26.1
-85°	150.3	137.2	130.7	117.6	104.6	85.0	65.3	52.3	39.2	26.1	13.1
-87.5°	78.4	71.9	65.3	58.8	52.3	39.2	32.7	26.1	19.6	13.1	6.5
-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: P722478

CATALOG NUMBER: IFLD-L-SA8B-735-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°	6.5	0.0	0.0	0.0
77.5°	6.5	0.0	0.0	0.0
75°	6.5	6.5	0.0	0.0
72.5°	6.5	6.5	0.0	0.0
70°	6.5	6.5	0.0	0.0
67.5°	13.1	6.5	0.0	0.0
65°	13.1	6.5	0.0	0.0
62.5°	13.1	6.5	0.0	0.0
60°	13.1	6.5	0.0	0.0
57.5°	19.6	6.5	6.5	0.0
55°	19.6	6.5	6.5	0.0
52.5°	19.6	6.5	6.5	0.0
50°	19.6	13.1	6.5	0.0
47.5°	19.6	13.1	6.5	0.0
45°	19.6	13.1	6.5	0.0
42.5°	19.6	13.1	6.5	0.0
40°	26.1	13.1	6.5	0.0
37.5°	26.1	13.1	6.5	0.0
35°	26.1	13.1	6.5	0.0
32.5°	26.1	13.1	6.5	0.0
30°	26.1	13.1	6.5	0.0
27.5°	26.1	19.6	6.5	0.0
25°	26.1	19.6	6.5	0.0
22.5°	32.7	19.6	6.5	0.0
20°	32.7	19.6	6.5	0.0
17.5°	32.7	19.6	6.5	0.0
15°	32.7	19.6	6.5	0.0
12.5°	32.7	19.6	6.5	0.0
10°	32.7	19.6	6.5	0.0
7.5°	32.7	19.6	6.5	0.0
5°	32.7	19.6	6.5	0.0
2.5°	32.7	19.6	6.5	0.0
0°	32.7	19.6	6.5	0.0
-2.5°	32.7	19.6	6.5	0.0
-5°	32.7	19.6	6.5	0.0
-7.5°	32.7	19.6	6.5	0.0
-10°	32.7	19.6	6.5	0.0
-12.5°	39.2	19.6	6.5	0.0
-15°	39.2	19.6	6.5	0.0
-17.5°	39.2	19.6	6.5	0.0
-20°	39.2	19.6	6.5	0.0



REPORT NUMBER: P722478

CATALOG NUMBER: IFLD-L-SA8B-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	39.2	19.6	6.5	0.0
-25°	39.2	19.6	6.5	0.0
-27.5°	39.2	19.6	6.5	0.0
-30°	39.2	19.6	6.5	0.0
-32.5°	39.2	19.6	6.5	0.0
-35°	39.2	19.6	6.5	0.0
-37.5°	39.2	19.6	6.5	0.0
-40°	39.2	19.6	6.5	0.0
-42.5°	32.7	19.6	6.5	0.0
-45°	39.2	19.6	6.5	0.0
-47.5°	39.2	19.6	6.5	0.0
-50°	39.2	19.6	6.5	0.0
-52.5°	39.2	19.6	6.5	0.0
-55°	39.2	19.6	6.5	0.0
-57.5°	39.2	19.6	6.5	0.0
-60°	39.2	19.6	6.5	0.0
-62.5°	32.7	19.6	6.5	0.0
-65°	32.7	13.1	6.5	0.0
-67.5°	32.7	13.1	6.5	0.0
-70°	32.7	13.1	6.5	0.0
-72.5°	26.1	13.1	6.5	0.0
-75°	26.1	13.1	6.5	0.0
-77.5°	19.6	6.5	0.0	0.0
-80°	19.6	6.5	0.0	0.0
-82.5°	13.1	6.5	0.0	0.0
-85°	6.5	6.5	0.0	0.0
-87.5°	6.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)