

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: P722438

Luminaire Tested: **IFLD-M-SA4A-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722438
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17195.2 lumens	Max Intensity:	12004.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	133.7 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:	10969.8 lumens	Field Lumens:	16211.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

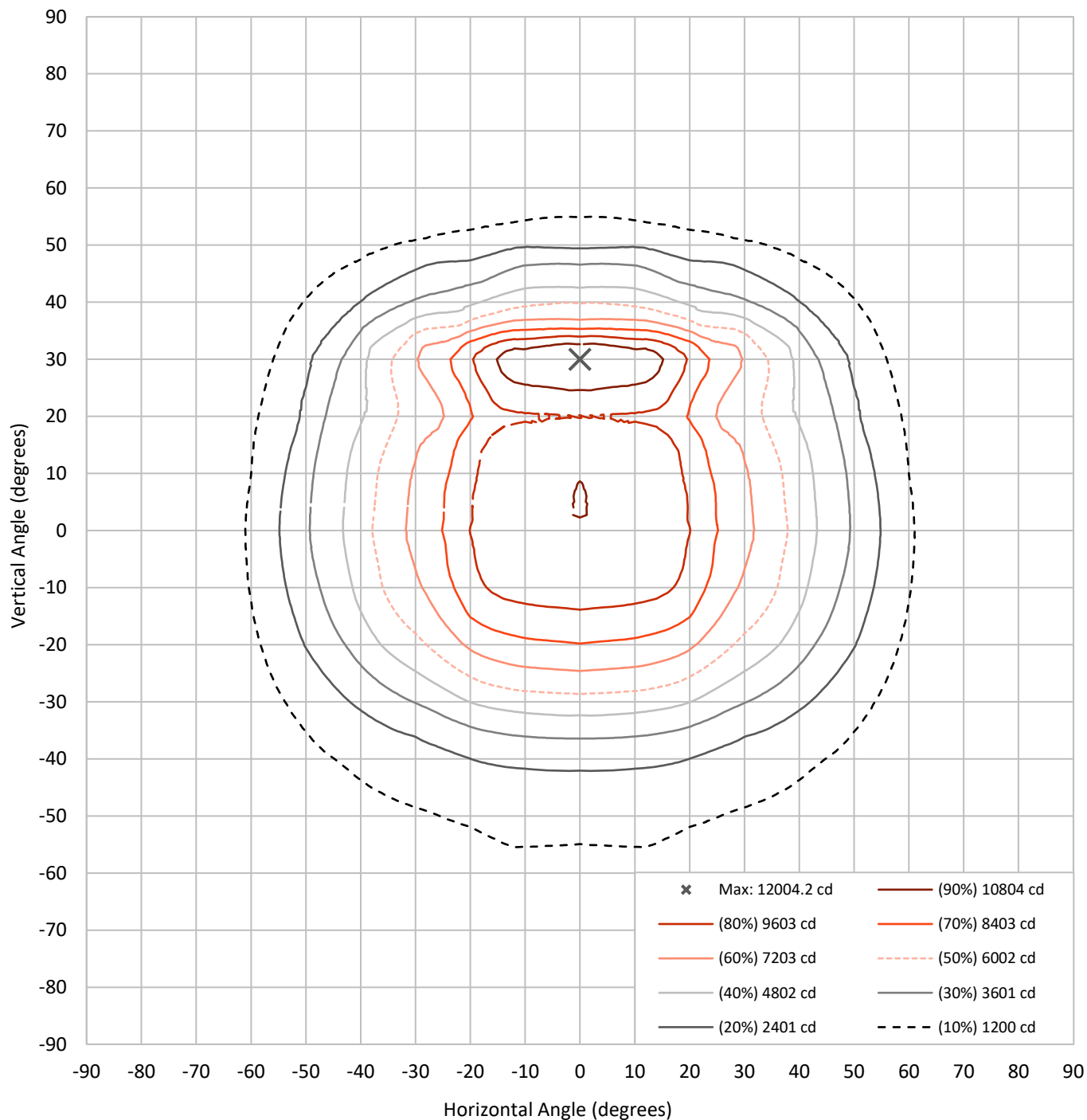
Input Watts (W): 128.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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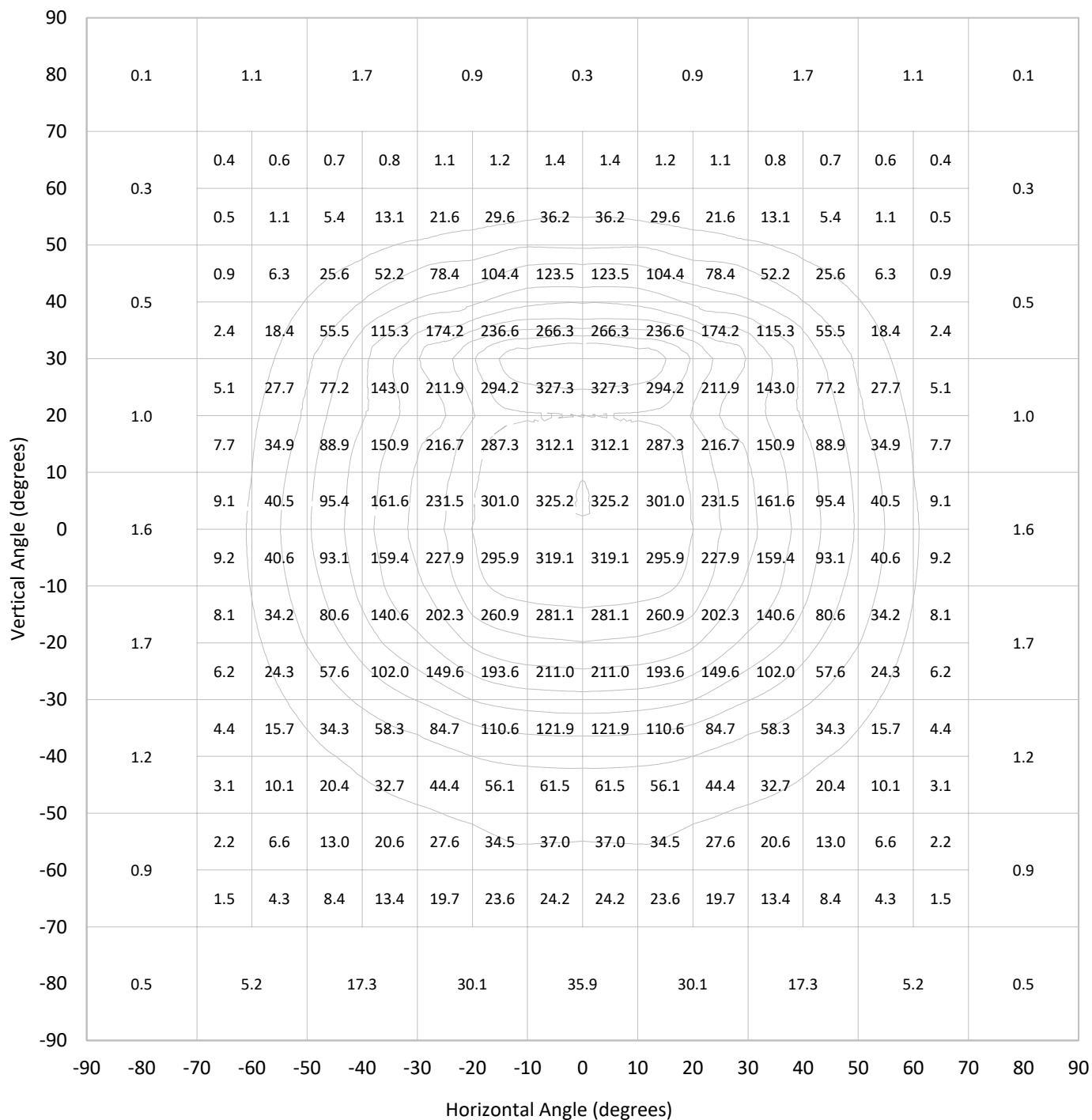
Iso-Candela Plot



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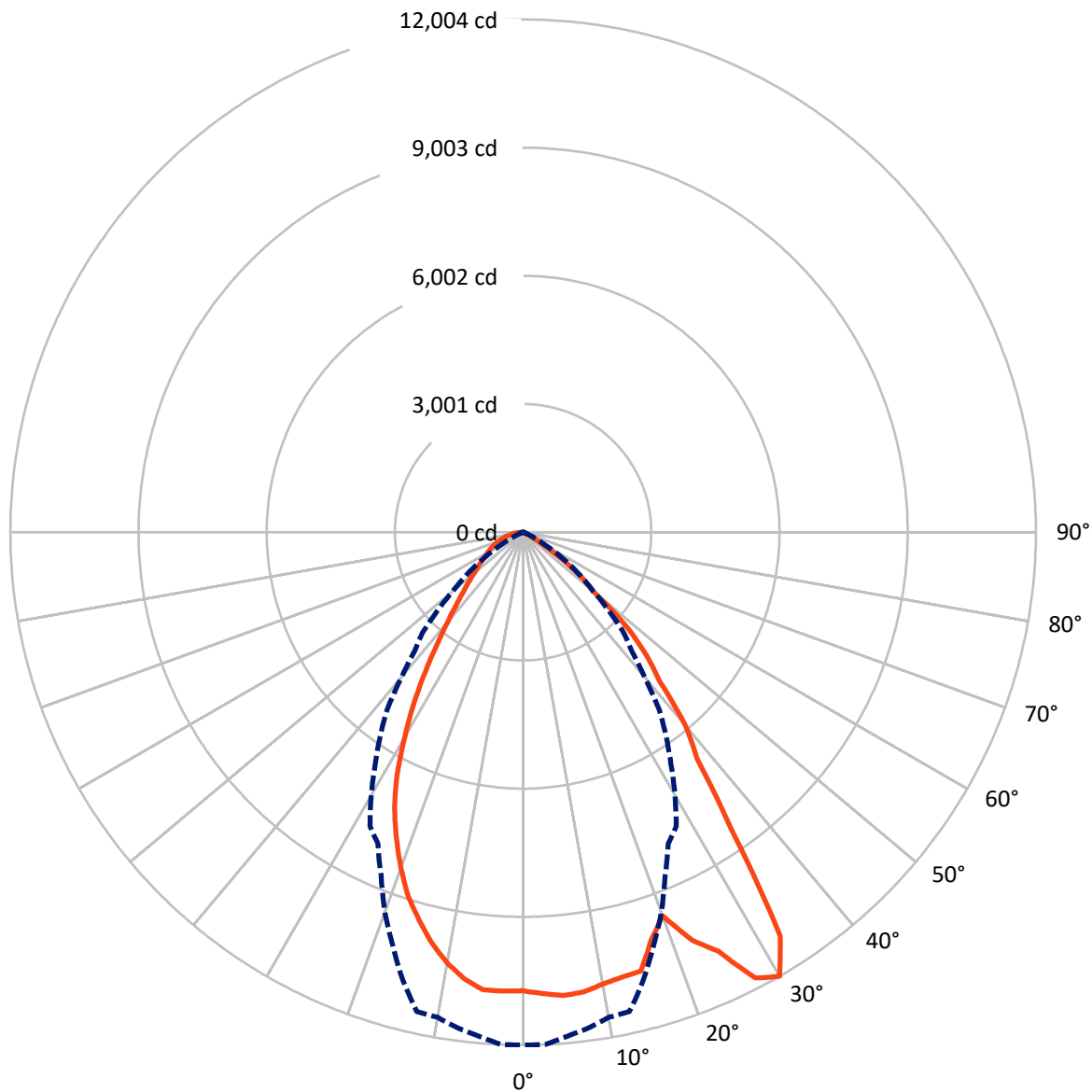
Lumen Table



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Luminous Intensity Polar Plot



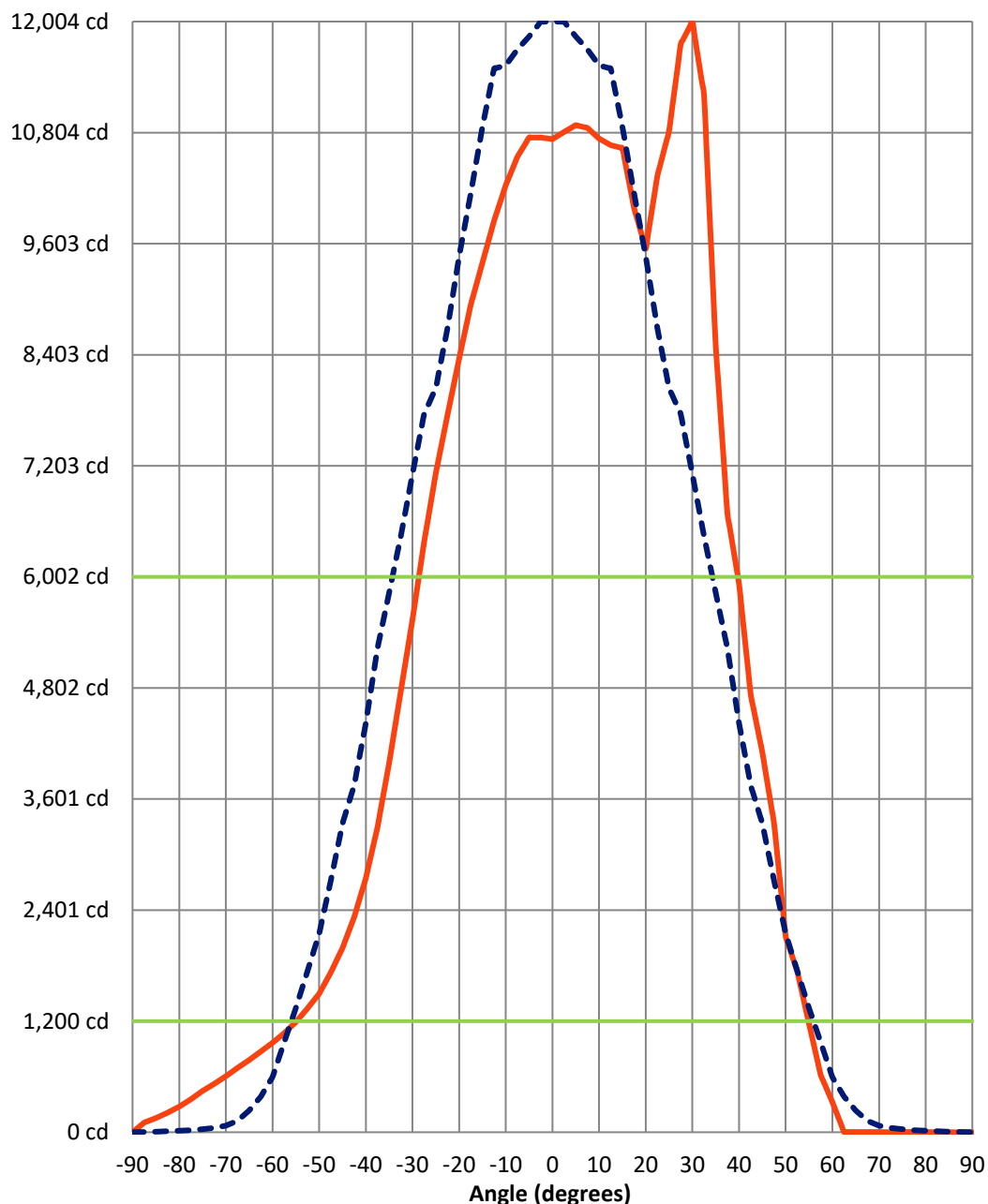
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 10969.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 16211.3

Efficiency: 94.3%

Spill:

Lumens: 984

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	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	0.0	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	5.5	8.2
82.5°	0.0	2.7	2.7	2.7	5.5	5.5	5.5	5.5	8.2	8.2	11.0
80°	2.7	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	11.0	11.0
77.5°	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	11.0	11.0	13.7
75°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	8.2	11.0	11.0	13.7
72.5°	0.0	2.7	2.7	5.5	5.5	8.2	8.2	8.2	11.0	11.0	11.0
70°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	8.2	11.0	11.0	11.0
67.5°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	11.0	11.0	11.0	13.7
65°	2.7	2.7	2.7	5.5	8.2	8.2	11.0	13.7	13.7	16.4	19.2
62.5°	2.7	5.5	5.5	8.2	11.0	13.7	30.1	46.5	46.5	32.9	27.4
60°	325.8	353.1	350.4	317.6	276.5	232.7	224.5	216.3	199.8	175.2	183.4
57.5°	618.7	651.5	665.2	657.0	635.1	596.8	574.9	550.2	517.4	479.1	435.3
55°	1171.7	1185.4	1155.2	1097.8	1034.8	971.8	949.9	917.1	867.8	818.5	752.8
52.5°	1732.9	1779.4	1765.7	1708.2	1623.4	1511.1	1387.9	1292.1	1234.6	1179.9	1114.2
50°	2116.1	2135.3	2173.6	2242.1	2266.7	2190.0	1990.2	1732.9	1549.5	1642.5	1571.4
47.5°	3339.8	3435.6	3416.5	3367.2	3285.1	3077.0	2797.8	2567.8	2376.2	2313.2	2324.2
45°	4103.6	4141.9	4128.2	4106.3	4068.0	3873.6	3564.3	3211.2	3033.2	2962.0	2888.1
42.5°	4730.5	4771.6	4779.8	4782.5	4741.5	4563.5	4284.3	3931.1	3753.2	3547.9	3386.4
40°	5926.8	5987.0	5918.6	5828.3	5691.4	5488.8	5215.0	4889.3	4574.5	4322.6	4131.0
37.5°	6690.6	6764.5	6791.9	6786.4	6756.3	6668.7	6332.0	6022.6	5540.8	4976.9	5078.2
35°	8502.9	8579.5	8557.6	8475.5	8431.7	8338.6	8010.1	7643.3	7038.3	6425.0	6260.8
32.5°	11204.8	11371.8	11059.7	10717.5	10506.7	10580.7	10246.7	9348.8	9069.5	7963.6	7451.6
30°	12004.2	12001.5	11842.7	11703.1	11530.6	11495.0	10865.4	10148.1	9463.7	8689.0	8042.9
27.5°	11760.5	11711.3	11577.1	11475.8	11314.3	11229.5	10613.5	10044.1	9252.9	8560.3	7936.2
25°	10821.6	10859.9	10723.0	10703.9	10640.9	10476.6	10170.0	9529.4	8823.1	8056.6	7607.7
22.5°	10337.0	10323.3	10159.1	10063.3	10139.9	9964.7	9841.5	9195.5	8459.1	7813.0	7273.7
20°	9548.6	9551.3	9510.3	9502.1	9455.5	9376.1	9277.6	8820.4	8300.3	7747.3	7098.5
17.5°	9989.3	10101.6	10150.9	9743.0	9857.9	9767.6	9663.6	9025.7	8634.3	8144.2	7298.3
15°	10635.4	10594.3	10545.1	10523.2	10460.2	10375.3	10186.5	9677.3	9003.8	8497.4	7837.6
12.5°	10668.3	10588.9	10569.7	10567.0	10501.3	10383.6	10200.1	9778.6	9181.8	8565.8	8029.3
10°	10739.4	10657.3	10646.4	10660.1	10558.8	10484.8	10301.4	9910.0	9236.5	8683.5	8177.1
7.5°	10854.4	10717.5	10780.5	10739.4	10692.9	10575.2	10378.1	9994.8	9436.4	8839.6	8308.5
5°	10884.5	10734.0	10802.4	10764.1	10695.6	10580.7	10367.1	10049.6	9559.6	8902.5	8360.5
2.5°	10810.6	10766.8	10736.7	10665.5	10635.4	10509.5	10306.9	9967.4	9502.1	8875.2	8349.6
0°	10734.0	10772.3	10703.9	10632.7	10619.0	10517.7	10345.2	10038.6	9636.2	8951.8	8442.6
-2.5°	10750.4	10720.3	10673.7	10599.8	10528.6	10383.6	10227.5	9940.1	9507.5	8784.8	8311.2
-5°	10750.4	10610.8	10616.3	10619.0	10547.8	10397.2	10208.4	9964.7	9430.9	8782.1	8272.9
-7.5°	10542.3	10421.9	10402.7	10386.3	10367.1	10227.5	10079.7	9775.8	9302.2	8710.9	8166.1
-10°	10235.7	10118.0	10129.0	10104.3	10044.1	9951.0	9838.8	9565.0	9176.3	8486.4	7949.9
-12.5°	9852.5	9800.5	9770.3	9729.3	9669.1	9586.9	9472.0	9214.6	8798.5	8209.9	7700.8
-15°	9398.0	9359.7	9332.3	9307.7	9220.1	9135.2	8984.7	8746.5	8486.4	7854.1	7333.9
-17.5°	8943.6	8847.8	8809.5	8776.6	8719.1	8582.2	8445.4	8267.4	7903.3	7402.4	6956.1
-20°	8360.5	8303.0	8256.5	8212.7	8130.5	8023.8	7911.5	7706.2	7391.4	6986.2	6523.6

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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°	7750.0	7717.2	7678.9	7624.1	7569.3	7468.1	7312.0	7114.9	6868.5	6430.5	5998.0
-25°	7120.4	7057.4	7010.9	6958.9	6915.1	6822.0	6671.4	6482.5	6173.2	5795.4	5434.1
-27.5°	6378.5	6318.3	6293.6	6233.4	6195.1	6110.2	5959.7	5784.5	5505.2	5187.7	4820.8
-30°	5540.8	5551.8	5524.4	5466.9	5420.4	5310.9	5195.9	5048.1	4829.1	4525.2	4196.7
-32.5°	4766.1	4779.8	4746.9	4686.7	4626.5	4547.1	4440.3	4306.2	4141.9	3851.7	3567.0
-35°	3991.4	3985.9	3958.5	3922.9	3881.9	3816.2	3695.7	3594.4	3405.5	3202.9	3005.8
-37.5°	3296.0	3309.7	3301.5	3282.3	3235.8	3181.0	3082.5	2989.4	2849.8	2671.9	2518.6
-40°	2745.8	2762.2	2751.2	2732.1	2691.0	2658.2	2592.5	2510.3	2398.1	2244.8	2116.1
-42.5°	2324.2	2335.1	2321.4	2305.0	2269.4	2244.8	2192.8	2124.3	2031.3	1913.6	1798.6
-45°	1990.2	1992.9	1979.3	1968.3	1940.9	1910.8	1867.0	1812.3	1738.3	1656.2	1563.1
-47.5°	1727.4	1724.7	1711.0	1700.0	1678.1	1650.7	1615.2	1565.9	1508.4	1445.4	1371.5
-50°	1497.4	1511.1	1505.7	1494.7	1478.3	1459.1	1423.5	1371.5	1314.0	1267.5	1215.5
-52.5°	1338.7	1341.4	1338.7	1338.7	1335.9	1322.2	1281.2	1229.2	1166.2	1125.1	1081.3
-55°	1190.8	1204.5	1210.0	1215.5	1218.2	1218.2	1168.9	1114.2	1054.0	1012.9	980.0
-57.5°	1070.4	1078.6	1084.1	1097.8	1108.7	1116.9	1073.1	1023.8	977.3	939.0	908.9
-60°	966.4	977.3	985.5	999.2	1007.4	1012.9	985.5	952.7	925.3	900.7	856.9
-62.5°	873.3	881.5	889.7	897.9	906.1	911.6	900.7	884.2	870.5	859.6	804.8
-65°	780.2	788.4	796.6	807.6	815.8	821.3	818.5	807.6	796.6	785.7	736.4
-67.5°	695.3	703.6	714.5	717.2	722.7	725.5	720.0	711.8	698.1	684.4	646.1
-70°	605.0	610.5	616.0	616.0	616.0	613.2	607.7	596.8	583.1	563.9	533.8
-72.5°	522.9	528.3	533.8	525.6	520.1	511.9	503.7	490.0	476.3	462.6	446.2
-75°	446.2	449.0	449.0	438.0	429.8	421.6	410.6	402.4	388.7	377.8	364.1
-77.5°	355.9	355.9	355.9	347.7	342.2	336.7	328.5	320.3	309.3	301.1	290.2
-80°	276.5	276.5	276.5	273.8	265.5	260.1	254.6	249.1	240.9	235.4	230.0
-82.5°	210.8	210.8	210.8	208.1	202.6	199.8	194.4	188.9	186.2	180.7	177.9
-85°	153.3	156.0	156.0	153.3	150.6	145.1	142.4	139.6	136.9	134.1	128.7
-87.5°	104.0	104.0	104.0	101.3	98.6	98.6	95.8	90.3	84.9	82.1	79.4
-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	8.2	8.2	8.2	11.0	11.0	11.0	11.0	11.0	11.0	11.0	8.2
82.5°	13.7	13.7	16.4	16.4	19.2	19.2	19.2	19.2	19.2	19.2	19.2
80°	13.7	16.4	19.2	21.9	24.6	27.4	27.4	27.4	27.4	24.6	24.6
77.5°	16.4	16.4	19.2	21.9	24.6	27.4	30.1	32.9	30.1	30.1	30.1
75°	16.4	19.2	19.2	21.9	24.6	27.4	30.1	32.9	32.9	32.9	32.9
72.5°	13.7	16.4	19.2	21.9	21.9	24.6	27.4	27.4	30.1	30.1	32.9
70°	13.7	16.4	19.2	19.2	21.9	21.9	24.6	27.4	27.4	30.1	30.1
67.5°	16.4	19.2	19.2	21.9	24.6	24.6	24.6	27.4	27.4	30.1	30.1
65°	19.2	21.9	21.9	24.6	27.4	27.4	30.1	30.1	30.1	32.9	32.9
62.5°	32.9	32.9	32.9	30.1	32.9	32.9	32.9	35.6	35.6	32.9	35.6
60°	169.7	123.2	84.9	106.8	95.8	43.8	43.8	43.8	41.1	41.1	38.3
57.5°	399.7	372.3	320.3	271.0	243.6	216.3	134.1	54.8	54.8	49.3	43.8
55°	668.0	577.6	539.3	473.6	402.4	369.6	306.6	208.1	98.6	65.7	57.5
52.5°	1034.8	949.9	851.4	717.2	621.4	544.8	492.8	391.5	262.8	139.6	87.6
50°	1385.2	1346.9	1286.7	1155.2	955.4	826.7	741.9	626.9	470.9	287.4	164.3
47.5°	2231.1	1910.8	1716.4	1615.2	1448.2	1204.5	1040.3	911.6	722.7	484.5	290.2
45°	2808.7	2606.2	2296.8	2083.3	1836.9	1579.6	1366.0	1218.2	993.7	725.5	454.4
42.5°	3304.2	3129.0	2849.8	2537.7	2277.6	1940.9	1667.2	1472.8	1283.9	991.0	678.9
40°	3942.1	3734.0	3465.7	3161.9	2858.0	2428.2	1984.7	1749.3	1541.2	1281.2	917.1
37.5°	4993.3	4626.5	4188.5	3851.7	3454.8	3090.7	2483.0	2066.9	1820.5	1549.5	1196.3
35°	6258.1	5855.6	5124.7	4678.5	4147.4	3605.4	3057.9	2441.9	2091.5	1804.1	1453.6
32.5°	7435.2	6846.6	5910.4	5387.5	5034.4	4035.2	3468.5	2934.7	2370.7	2017.6	1601.5
30°	7761.0	7112.2	6441.5	5831.0	5228.7	4421.2	3750.5	3334.3	2721.1	2146.2	1741.1
27.5°	7432.5	6986.2	6466.1	5899.4	5247.9	4555.3	3922.9	3526.0	2978.5	2233.8	1850.6
25°	7098.5	6633.1	6269.0	5795.4	5193.1	4547.1	3928.4	3646.4	3178.3	2403.6	1910.8
22.5°	6745.3	6455.2	6154.0	5625.7	5056.3	4571.7	4106.3	3750.5	3282.3	2595.2	1935.5
20°	6764.5	6575.6	6244.4	5538.1	5031.6	4716.8	4319.9	3881.9	3394.6	2762.2	1954.6
17.5°	7071.1	6824.7	6408.6	5795.4	5253.4	4864.6	4497.8	4062.5	3509.5	2910.0	2187.3
15°	7448.9	7073.8	6638.6	6099.3	5486.1	5026.2	4634.7	4188.5	3641.0	3046.9	2395.4
12.5°	7722.7	7188.8	6780.9	6293.6	5737.9	5201.4	4725.0	4284.3	3764.1	3159.1	2551.4
10°	7815.7	7331.2	6849.4	6414.1	5866.6	5294.4	4793.5	4344.5	3870.9	3246.7	2666.4
7.5°	7865.0	7454.4	6895.9	6468.8	5943.2	5351.9	4848.2	4377.4	3955.8	3307.0	2740.3
5°	7859.5	7520.1	6931.5	6485.3	5984.3	5376.6	4886.5	4385.6	4016.0	3359.0	2784.1
2.5°	7834.9	7563.9	6989.0	6512.7	6066.4	5423.1	4960.5	4402.0	4037.9	3416.5	2814.2
0°	7925.2	7566.6	7049.2	6520.9	6121.2	5439.5	4993.3	4388.3	4007.8	3432.9	2811.5
-2.5°	7730.9	7405.1	7035.5	6449.7	6047.3	5401.2	4933.1	4344.5	3942.1	3413.7	2800.5
-5°	7698.0	7287.4	6920.5	6384.0	5924.1	5321.8	4820.8	4262.4	3838.1	3350.8	2756.7
-7.5°	7610.4	7175.1	6808.3	6332.0	5809.1	5239.7	4714.1	4177.5	3725.8	3252.2	2693.8
-10°	7418.8	7002.7	6687.9	6219.7	5669.5	5122.0	4585.4	4065.3	3594.4	3118.1	2595.2
-12.5°	7145.0	6728.9	6416.8	5981.6	5494.3	4963.2	4432.1	3920.2	3443.8	2975.7	2477.5
-15°	6835.7	6414.1	6102.0	5705.1	5234.2	4716.8	4237.7	3736.8	3271.4	2825.2	2337.9
-17.5°	6485.3	6085.6	5784.5	5398.5	4930.3	4437.6	3961.2	3506.8	3071.5	2669.1	2176.4
-20°	6080.1	5691.4	5414.9	5028.9	4599.1	4120.0	3657.4	3227.6	2836.1	2458.3	1998.4

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5579.1	5236.9	4922.1	4577.2	4202.2	3764.1	3334.3	2953.8	2578.8	2209.2	1815.0
-25°	5067.2	4736.0	4429.4	4114.5	3755.9	3378.1	3011.3	2666.4	2299.5	1965.6	1637.1
-27.5°	4497.8	4202.2	3928.4	3638.2	3309.7	2983.9	2682.8	2346.1	2028.5	1743.8	1461.9
-30°	3890.1	3649.2	3411.0	3153.7	2888.1	2614.4	2346.1	2028.5	1779.4	1552.2	1314.0
-32.5°	3307.0	3090.7	2899.1	2707.4	2477.5	2253.0	2014.8	1779.4	1571.4	1371.5	1171.7
-35°	2795.0	2565.1	2458.3	2305.0	2121.6	1919.0	1724.7	1560.4	1393.4	1212.7	1034.8
-37.5°	2351.6	2203.7	2077.8	1962.8	1817.7	1642.5	1502.9	1368.8	1229.2	1064.9	911.6
-40°	2003.9	1897.1	1771.2	1686.3	1568.6	1442.7	1303.1	1190.8	1073.1	939.0	813.1
-42.5°	1724.7	1637.1	1554.9	1464.6	1377.0	1270.2	1149.8	1043.0	936.2	837.7	733.7
-45°	1494.7	1431.7	1366.0	1292.1	1215.5	1122.4	1023.8	914.3	837.7	750.1	662.5
-47.5°	1305.8	1259.3	1204.5	1147.0	1081.3	999.2	908.9	829.5	750.1	676.2	591.3
-50°	1155.2	1111.4	1067.6	1018.4	960.9	889.7	821.3	747.4	673.4	602.3	522.9
-52.5°	1029.3	991.0	955.4	914.3	859.6	799.4	736.4	670.7	602.3	531.1	468.1
-55°	941.7	897.9	862.3	821.3	772.0	714.5	657.0	596.8	531.1	476.3	424.3
-57.5°	870.5	821.3	780.2	736.4	687.1	637.9	585.8	531.1	481.8	429.8	380.5
-60°	810.3	752.8	706.3	662.5	616.0	569.4	525.6	479.1	432.5	386.0	336.7
-62.5°	747.4	687.1	629.6	588.6	553.0	511.9	473.6	429.8	388.7	342.2	306.6
-65°	676.2	618.7	563.9	528.3	495.5	459.9	424.3	386.0	350.4	314.8	282.0
-67.5°	596.8	547.5	509.2	476.3	443.5	413.4	380.5	347.7	317.6	282.0	249.1
-70°	501.0	473.6	451.7	427.1	396.9	369.6	339.5	309.3	276.5	246.4	216.3
-72.5°	427.1	410.6	394.2	369.6	342.2	317.6	292.9	265.5	238.2	210.8	186.2
-75°	350.4	336.7	323.0	306.6	284.7	265.5	243.6	219.0	197.1	177.9	158.8
-77.5°	282.0	271.0	262.8	249.1	232.7	216.3	202.6	186.2	169.7	150.6	131.4
-80°	224.5	219.0	216.3	210.8	197.1	183.4	172.5	158.8	142.4	128.7	115.0
-82.5°	175.2	175.2	172.5	169.7	158.8	147.8	139.6	128.7	117.7	106.8	93.1
-85°	128.7	125.9	125.9	123.2	115.0	109.5	101.3	95.8	87.6	76.7	71.2
-87.5°	76.7	73.9	71.2	68.4	63.0	60.2	54.8	52.0	46.5	41.1	38.3
-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: P722438

CATALOG NUMBER: IFLD-M-SA4A-730-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.0	0.0
85°	8.2	5.5	5.5	5.5	5.5	5.5	2.7	2.7	2.7	2.7	2.7
82.5°	16.4	16.4	13.7	13.7	11.0	8.2	5.5	5.5	5.5	2.7	2.7
80°	24.6	24.6	24.6	21.9	19.2	13.7	11.0	8.2	5.5	2.7	2.7
77.5°	30.1	27.4	27.4	24.6	24.6	21.9	16.4	13.7	8.2	5.5	2.7
75°	30.1	30.1	30.1	27.4	27.4	24.6	21.9	16.4	13.7	8.2	5.5
72.5°	32.9	30.1	30.1	30.1	27.4	24.6	21.9	19.2	16.4	11.0	5.5
70°	30.1	30.1	30.1	30.1	27.4	27.4	21.9	19.2	19.2	11.0	8.2
67.5°	30.1	30.1	30.1	27.4	27.4	24.6	21.9	19.2	19.2	13.7	8.2
65°	32.9	30.1	30.1	30.1	27.4	24.6	21.9	19.2	19.2	16.4	11.0
62.5°	35.6	32.9	32.9	30.1	27.4	24.6	21.9	19.2	19.2	16.4	11.0
60°	38.3	35.6	32.9	32.9	30.1	27.4	21.9	21.9	19.2	16.4	11.0
57.5°	41.1	38.3	38.3	35.6	32.9	30.1	24.6	21.9	19.2	16.4	13.7
55°	49.3	43.8	41.1	41.1	38.3	32.9	27.4	21.9	19.2	16.4	13.7
52.5°	65.7	52.0	46.5	46.5	43.8	38.3	30.1	24.6	19.2	16.4	13.7
50°	104.0	65.7	54.8	49.3	49.3	43.8	35.6	27.4	19.2	16.4	13.7
47.5°	164.3	109.5	65.7	57.5	54.8	52.0	41.1	27.4	21.9	16.4	13.7
45°	271.0	161.5	106.8	68.4	57.5	54.8	46.5	30.1	21.9	19.2	13.7
42.5°	372.3	251.9	164.3	82.1	68.4	60.2	49.3	32.9	24.6	19.2	13.7
40°	585.8	344.9	230.0	134.1	79.4	63.0	54.8	38.3	24.6	19.2	13.7
37.5°	793.9	457.2	309.3	197.1	90.3	71.2	57.5	41.1	27.4	19.2	16.4
35°	1001.9	640.6	383.3	262.8	120.5	84.9	60.2	43.8	27.4	19.2	16.4
32.5°	1188.1	813.1	459.9	328.5	180.7	101.3	65.7	46.5	30.1	21.9	16.4
30°	1341.4	971.8	596.8	386.0	235.4	123.2	71.2	46.5	32.9	21.9	16.4
27.5°	1456.4	1095.0	736.4	446.2	282.0	145.1	82.1	52.0	32.9	21.9	16.4
25°	1549.5	1190.8	859.6	509.2	323.0	180.7	98.6	54.8	35.6	24.6	16.4
22.5°	1623.4	1270.2	960.9	594.1	372.3	216.3	120.5	60.2	35.6	24.6	16.4
20°	1724.7	1349.6	1029.3	684.4	424.3	249.1	139.6	65.7	35.6	24.6	19.2
17.5°	1812.3	1429.0	1084.1	761.0	476.3	273.8	161.5	71.2	38.3	24.6	19.2
15°	1913.6	1505.7	1133.3	821.3	525.6	295.7	180.7	76.7	38.3	27.4	19.2
12.5°	2023.1	1576.8	1168.9	870.5	577.6	314.8	197.1	87.6	41.1	27.4	19.2
10°	2135.3	1637.1	1199.1	906.1	616.0	334.0	208.1	98.6	43.8	27.4	19.2
7.5°	2247.5	1691.8	1237.4	922.6	632.4	355.9	213.5	109.5	43.8	30.1	19.2
5°	2324.2	1727.4	1292.1	933.5	640.6	380.5	221.7	123.2	46.5	30.1	19.2
2.5°	2389.9	1749.3	1349.6	941.7	643.3	394.2	219.0	131.4	49.3	30.1	19.2
0°	2420.0	1749.3	1387.9	936.2	635.1	407.9	219.0	139.6	49.3	30.1	19.2
-2.5°	2373.5	1798.6	1377.0	939.0	637.9	407.9	230.0	142.4	54.8	32.9	19.2
-5°	2299.5	1817.7	1344.1	925.3	632.4	407.9	243.6	145.1	57.5	32.9	21.9
-7.5°	2228.4	1826.0	1305.8	911.6	624.2	396.9	246.4	142.4	63.0	35.6	21.9
-10°	2135.3	1735.6	1256.5	887.0	607.7	388.7	251.9	142.4	65.7	35.6	21.9
-12.5°	2028.5	1626.1	1196.3	851.4	588.6	380.5	254.6	142.4	68.4	38.3	21.9
-15°	1905.3	1513.9	1127.9	813.1	561.2	369.6	249.1	139.6	71.2	38.3	24.6
-17.5°	1765.7	1404.4	1056.7	766.5	531.1	355.9	238.2	136.9	71.2	38.3	24.6
-20°	1606.9	1294.9	977.3	720.0	495.5	339.5	227.2	131.4	71.2	38.3	24.6



REPORT NUMBER: P722438

CATALOG NUMBER: IFLD-M-SA4A-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1464.6	1193.6	895.2	668.0	457.2	320.3	213.5	125.9	71.2	41.1	24.6
-25°	1346.9	1095.0	832.2	616.0	416.1	298.4	199.8	120.5	71.2	41.1	24.6
-27.5°	1223.7	988.3	766.5	566.7	388.7	279.2	186.2	115.0	68.4	41.1	24.6
-30°	1097.8	884.2	698.1	511.9	361.4	260.1	175.2	106.8	68.4	41.1	24.6
-32.5°	982.8	799.4	635.1	457.2	331.2	240.9	164.3	104.0	65.7	41.1	24.6
-35°	870.5	722.7	569.4	413.4	298.4	221.7	153.3	101.3	65.7	41.1	24.6
-37.5°	777.5	651.5	509.2	383.3	279.2	205.3	142.4	95.8	63.0	41.1	24.6
-40°	700.8	585.8	451.7	350.4	262.8	188.9	131.4	93.1	63.0	41.1	24.6
-42.5°	629.6	522.9	416.1	323.0	246.4	177.9	123.2	90.3	60.2	41.1	24.6
-45°	566.7	468.1	380.5	298.4	227.2	164.3	117.7	84.9	57.5	41.1	27.4
-47.5°	503.7	429.8	347.7	276.5	208.1	147.8	112.2	82.1	54.8	38.3	27.4
-50°	454.4	388.7	320.3	251.9	188.9	142.4	106.8	76.7	54.8	38.3	27.4
-52.5°	410.6	350.4	290.2	227.2	172.5	134.1	101.3	71.2	52.0	38.3	27.4
-55°	369.6	314.8	260.1	202.6	161.5	125.9	93.1	65.7	52.0	38.3	27.4
-57.5°	328.5	282.0	230.0	183.4	147.8	117.7	87.6	65.7	52.0	38.3	27.4
-60°	295.7	251.9	208.1	169.7	136.9	106.8	79.4	63.0	49.3	38.3	27.4
-62.5°	268.3	227.2	188.9	153.3	125.9	95.8	76.7	63.0	49.3	38.3	24.6
-65°	240.9	205.3	169.7	139.6	112.2	90.3	73.9	60.2	49.3	38.3	24.6
-67.5°	213.5	180.7	153.3	123.2	104.0	87.6	71.2	60.2	46.5	35.6	24.6
-70°	186.2	158.8	134.1	115.0	98.6	82.1	68.4	57.5	46.5	32.9	21.9
-72.5°	164.3	139.6	120.5	106.8	93.1	79.4	65.7	54.8	43.8	30.1	19.2
-75°	139.6	123.2	109.5	95.8	84.9	73.9	63.0	49.3	38.3	27.4	19.2
-77.5°	117.7	106.8	95.8	87.6	76.7	65.7	54.8	43.8	35.6	24.6	16.4
-80°	101.3	93.1	84.9	76.7	68.4	57.5	49.3	38.3	30.1	21.9	13.7
-82.5°	82.1	76.7	68.4	63.0	57.5	49.3	41.1	32.9	21.9	16.4	11.0
-85°	63.0	57.5	54.8	49.3	43.8	35.6	27.4	21.9	16.4	11.0	5.5
-87.5°	32.9	30.1	27.4	24.6	21.9	16.4	13.7	11.0	8.2	5.5	2.7
-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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CATALOG NUMBER: IFLD-M-SA4A-730-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°	2.7	0.0	0.0	0.0
77.5°	2.7	0.0	0.0	0.0
75°	2.7	2.7	0.0	0.0
72.5°	2.7	2.7	0.0	0.0
70°	2.7	2.7	0.0	0.0
67.5°	5.5	2.7	0.0	0.0
65°	5.5	2.7	0.0	0.0
62.5°	5.5	2.7	0.0	0.0
60°	5.5	2.7	0.0	0.0
57.5°	8.2	2.7	2.7	0.0
55°	8.2	2.7	2.7	0.0
52.5°	8.2	2.7	2.7	0.0
50°	8.2	5.5	2.7	0.0
47.5°	8.2	5.5	2.7	0.0
45°	8.2	5.5	2.7	0.0
42.5°	8.2	5.5	2.7	0.0
40°	11.0	5.5	2.7	0.0
37.5°	11.0	5.5	2.7	0.0
35°	11.0	5.5	2.7	0.0
32.5°	11.0	5.5	2.7	0.0
30°	11.0	5.5	2.7	0.0
27.5°	11.0	8.2	2.7	0.0
25°	11.0	8.2	2.7	0.0
22.5°	13.7	8.2	2.7	0.0
20°	13.7	8.2	2.7	0.0
17.5°	13.7	8.2	2.7	0.0
15°	13.7	8.2	2.7	0.0
12.5°	13.7	8.2	2.7	0.0
10°	13.7	8.2	2.7	0.0
7.5°	13.7	8.2	2.7	0.0
5°	13.7	8.2	2.7	0.0
2.5°	13.7	8.2	2.7	0.0
0°	13.7	8.2	2.7	0.0
-2.5°	13.7	8.2	2.7	0.0
-5°	13.7	8.2	2.7	0.0
-7.5°	13.7	8.2	2.7	0.0
-10°	13.7	8.2	2.7	0.0
-12.5°	16.4	8.2	2.7	0.0
-15°	16.4	8.2	2.7	0.0
-17.5°	16.4	8.2	2.7	0.0
-20°	16.4	8.2	2.7	0.0

REPORT NUMBER: P722438

CATALOG NUMBER: IFLD-M-SA4A-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.4	8.2	2.7	0.0
-25°	16.4	8.2	2.7	0.0
-27.5°	16.4	8.2	2.7	0.0
-30°	16.4	8.2	2.7	0.0
-32.5°	16.4	8.2	2.7	0.0
-35°	16.4	8.2	2.7	0.0
-37.5°	16.4	8.2	2.7	0.0
-40°	16.4	8.2	2.7	0.0
-42.5°	13.7	8.2	2.7	0.0
-45°	16.4	8.2	2.7	0.0
-47.5°	16.4	8.2	2.7	0.0
-50°	16.4	8.2	2.7	0.0
-52.5°	16.4	8.2	2.7	0.0
-55°	16.4	8.2	2.7	0.0
-57.5°	16.4	8.2	2.7	0.0
-60°	16.4	8.2	2.7	0.0
-62.5°	13.7	8.2	2.7	0.0
-65°	13.7	5.5	2.7	0.0
-67.5°	13.7	5.5	2.7	0.0
-70°	13.7	5.5	2.7	0.0
-72.5°	11.0	5.5	2.7	0.0
-75°	11.0	5.5	2.7	0.0
-77.5°	8.2	2.7	0.0	0.0
-80°	8.2	2.7	0.0	0.0
-82.5°	5.5	2.7	0.0	0.0
-85°	2.7	2.7	0.0	0.0
-87.5°	2.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)