

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: P722732

Luminaire Tested: **IFLD-M-SA4E-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722732
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	26750.8 lumens	Max Intensity:	18675.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.0 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:	17065.9 lumens	Field Lumens:	25220 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

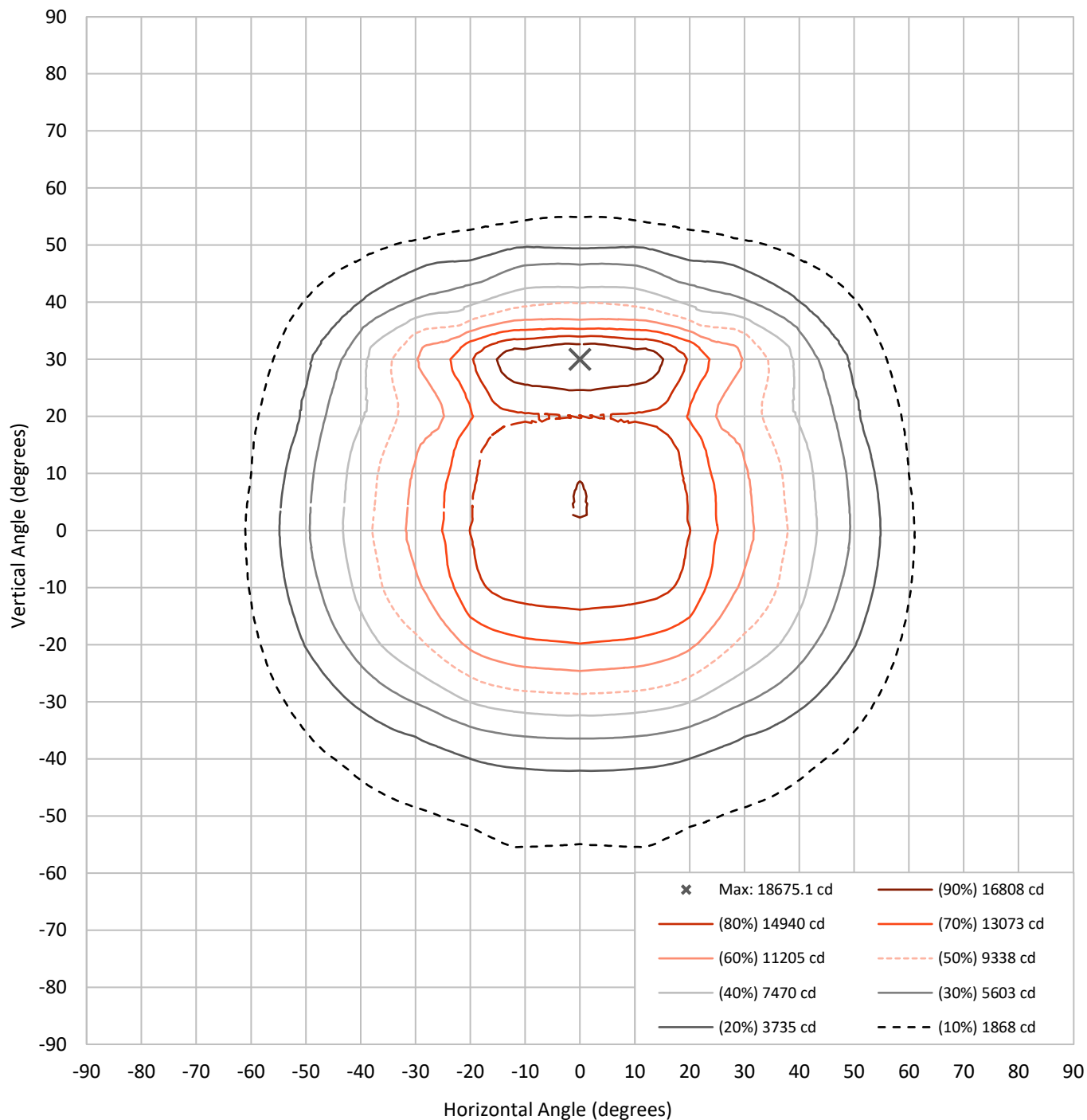
Input Watts (W): 314.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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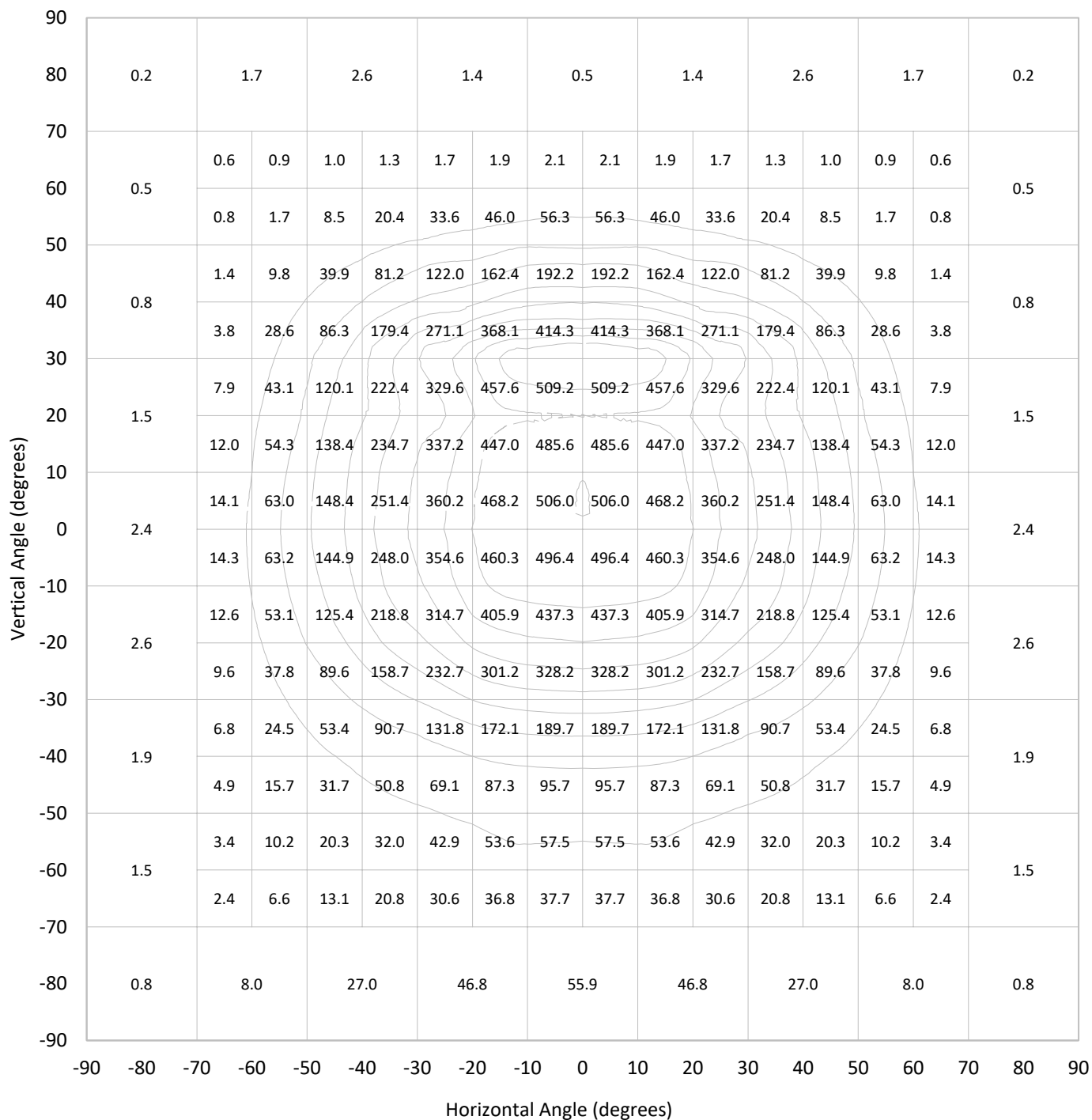
Iso-Candela Plot



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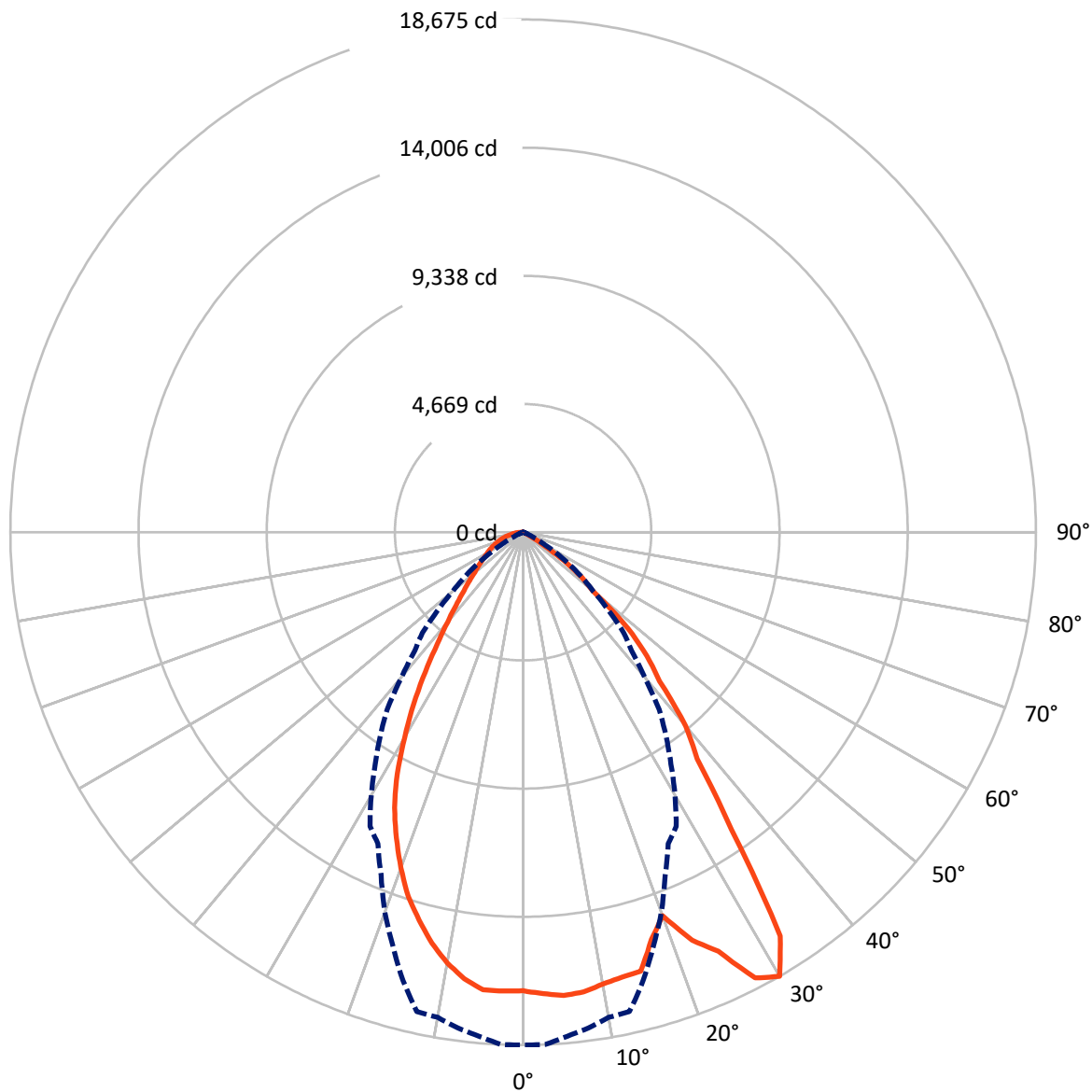
Lumen Table



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Luminous Intensity Polar Plot



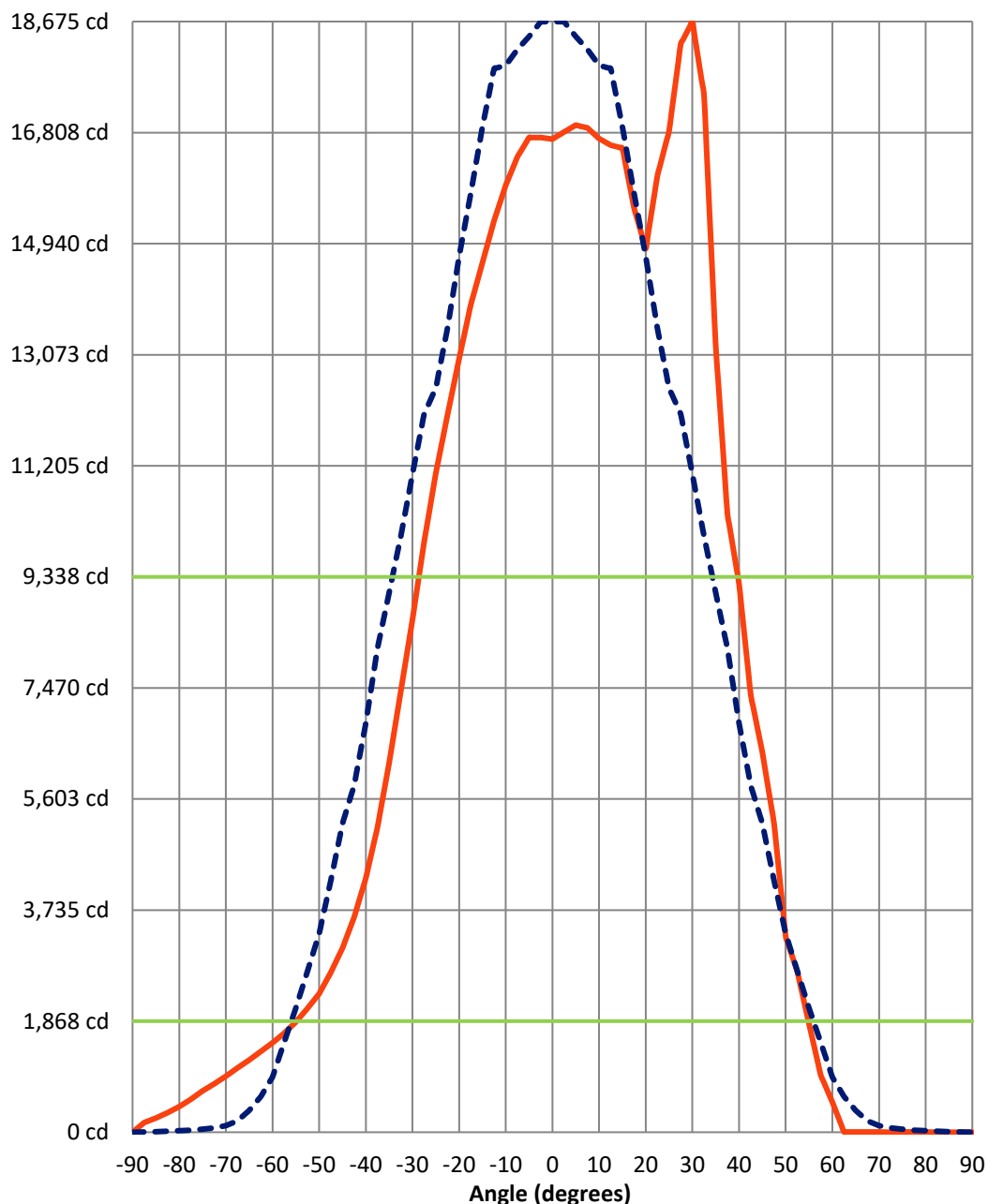
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 17065.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 25220

Efficiency: 94.3%

Spill:

Lumens: 1530.8

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	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	0.0	4.3	4.3	4.3	8.5	8.5	8.5	8.5	8.5	8.5	12.8
82.5°	0.0	4.3	4.3	4.3	8.5	8.5	8.5	8.5	12.8	12.8	17.0
80°	4.3	4.3	4.3	4.3	8.5	8.5	8.5	12.8	12.8	17.0	17.0
77.5°	4.3	4.3	4.3	8.5	8.5	8.5	12.8	12.8	17.0	17.0	21.3
75°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.0	17.0	21.3
72.5°	0.0	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.0	17.0	17.0
70°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.0	17.0	17.0
67.5°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	17.0	17.0	17.0	21.3
65°	4.3	4.3	4.3	8.5	12.8	12.8	17.0	21.3	21.3	25.6	29.8
62.5°	4.3	8.5	8.5	12.8	17.0	21.3	46.8	72.4	72.4	51.1	42.6
60°	506.8	549.4	545.1	494.0	430.1	362.0	349.2	336.4	310.9	272.6	285.3
57.5°	962.5	1013.6	1034.9	1022.1	988.1	928.4	894.4	856.0	804.9	745.3	677.2
55°	1822.8	1844.1	1797.2	1707.8	1609.8	1511.9	1477.8	1426.7	1350.1	1273.4	1171.2
52.5°	2695.9	2768.3	2747.0	2657.5	2525.5	2350.9	2159.2	2010.2	1920.7	1835.6	1733.4
50°	3292.1	3321.9	3381.5	3488.0	3526.3	3407.1	3096.2	2695.9	2410.5	2555.3	2444.6
47.5°	5195.8	5344.9	5315.0	5238.4	5110.6	4786.9	4352.5	3994.8	3696.7	3598.7	3615.8
45°	6384.0	6443.6	6422.3	6388.3	6328.7	6026.3	5545.0	4995.6	4718.8	4608.1	4493.1
42.5°	7359.3	7423.2	7436.0	7440.2	7376.3	7099.5	6665.1	6115.7	5838.9	5519.5	5268.2
40°	9220.4	9314.1	9207.6	9067.1	8854.1	8539.0	8113.1	7606.3	7116.5	6724.7	6426.6
37.5°	10408.6	10523.6	10566.2	10557.7	10510.8	10374.6	9850.7	9369.5	8619.9	7742.6	7900.2
35°	13228.0	13347.2	13313.2	13185.4	13117.3	12972.5	12461.4	11890.7	10949.5	9995.5	9740.0
32.5°	17431.5	17691.3	17205.8	16673.4	16345.5	16460.5	15940.9	14544.0	14109.6	12389.0	11592.6
30°	18675.1	18670.8	18423.8	18206.6	17938.3	17882.9	16903.4	15787.6	14722.8	13517.6	12512.5
27.5°	18296.0	18219.4	18010.7	17853.1	17601.8	17469.8	16511.6	15625.7	14394.9	13317.4	12346.4
25°	16835.2	16894.9	16681.9	16652.1	16554.1	16298.6	15821.6	14825.1	13726.3	12533.8	11835.3
22.5°	16081.4	16060.1	15804.6	15655.5	15774.8	15502.2	15310.6	14305.5	13159.8	12154.8	11315.8
20°	14854.9	14859.1	14795.2	14782.5	14710.1	14586.6	14433.2	13722.0	12912.8	12052.5	11043.2
17.5°	15540.5	15715.2	15791.8	15157.2	15336.1	15195.6	15033.7	14041.4	13432.4	12670.1	11354.1
15°	16545.6	16481.7	16405.1	16371.0	16273.1	16141.0	15847.2	15055.0	14007.4	13219.5	12193.1
12.5°	16596.7	16473.2	16443.4	16439.2	16336.9	16153.8	15868.5	15212.6	14284.2	13325.9	12491.2
10°	16707.5	16579.7	16562.7	16584.0	16426.4	16311.4	16026.1	15417.0	14369.4	13509.1	12721.2
7.5°	16886.3	16673.4	16771.3	16707.5	16635.1	16451.9	16145.3	15549.1	14680.3	13751.8	12925.6
5°	16933.2	16698.9	16805.4	16745.8	16639.3	16460.5	16128.3	15634.2	14871.9	13849.8	13006.5
2.5°	16818.2	16750.1	16703.2	16592.5	16545.6	16349.7	16034.6	15506.5	14782.5	13807.2	12989.5
0°	16698.9	16758.6	16652.1	16541.4	16520.1	16362.5	16094.2	15617.2	14991.2	13926.4	13134.3
-2.5°	16724.5	16677.7	16605.3	16490.3	16379.5	16153.8	15911.1	15463.9	14791.0	13666.6	12929.9
-5°	16724.5	16507.3	16515.8	16520.1	16409.3	16175.1	15881.3	15502.2	14671.7	13662.4	12870.2
-7.5°	16400.8	16213.4	16183.6	16158.1	16128.3	15911.1	15681.1	15208.4	14471.6	13551.7	12704.1
-10°	15923.8	15740.7	15757.7	15719.4	15625.7	15480.9	15306.3	14880.4	14275.7	13202.4	12367.7
-12.5°	15327.6	15246.7	15199.8	15136.0	15042.3	14914.5	14735.6	14335.3	13687.9	12772.3	11980.1
-15°	14620.6	14561.0	14518.4	14480.1	14343.8	14211.8	13977.5	13607.0	13202.4	12218.6	11409.5
-17.5°	13913.7	13764.6	13705.0	13653.9	13564.4	13351.5	13138.6	12861.7	12295.3	11515.9	10821.7
-20°	13006.5	12917.1	12844.7	12776.5	12648.8	12482.7	12308.1	11988.7	11498.9	10868.6	10148.8



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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°	12056.8	12005.7	11946.1	11860.9	11775.7	11618.1	11375.4	11068.8	10685.5	10004.0	9331.1
-25°	11077.3	10979.3	10906.9	10826.0	10757.9	10613.1	10378.8	10085.0	9603.7	9016.0	8453.8
-27.5°	9923.1	9829.4	9791.1	9697.4	9637.8	9505.8	9271.5	8998.9	8564.5	8070.5	7499.8
-30°	8619.9	8636.9	8594.4	8504.9	8432.5	8262.2	8083.3	7853.3	7512.6	7039.9	6528.8
-32.5°	7414.7	7436.0	7384.8	7291.2	7197.5	7073.9	6907.9	6699.2	6443.6	5992.2	5549.3
-35°	6209.4	6200.9	6158.3	6102.9	6039.0	5936.8	5749.4	5591.9	5298.0	4982.9	4676.2
-37.5°	5127.7	5148.9	5136.2	5106.4	5034.0	4948.8	4795.5	4650.7	4433.5	4156.6	3918.1
-40°	4271.6	4297.2	4280.1	4250.3	4186.4	4135.3	4033.1	3905.4	3730.8	3492.3	3292.1
-42.5°	3615.8	3632.8	3611.5	3586.0	3530.6	3492.3	3411.3	3304.9	3160.1	2976.9	2798.1
-45°	3096.2	3100.4	3079.1	3062.1	3019.5	2972.7	2904.5	2819.4	2704.4	2576.6	2431.8
-47.5°	2687.3	2683.1	2661.8	2644.7	2610.7	2568.1	2512.7	2436.1	2346.6	2248.7	2133.7
-50°	2329.6	2350.9	2342.4	2325.3	2299.8	2270.0	2214.6	2133.7	2044.2	1971.8	1890.9
-52.5°	2082.6	2086.8	2082.6	2082.6	2078.3	2057.0	1993.1	1912.2	1814.3	1750.4	1682.2
-55°	1852.6	1873.9	1882.4	1890.9	1895.2	1895.2	1818.5	1733.4	1639.7	1575.8	1524.7
-57.5°	1665.2	1678.0	1686.5	1707.8	1724.8	1737.6	1669.5	1592.8	1520.4	1460.8	1413.9
-60°	1503.4	1520.4	1533.2	1554.5	1567.3	1575.8	1533.2	1482.1	1439.5	1401.2	1333.0
-62.5°	1358.6	1371.3	1384.1	1396.9	1409.7	1418.2	1401.2	1375.6	1354.3	1337.3	1252.1
-65°	1213.8	1226.5	1239.3	1256.4	1269.1	1277.7	1273.4	1256.4	1239.3	1222.3	1145.6
-67.5°	1081.7	1094.5	1111.6	1115.8	1124.3	1128.6	1120.1	1107.3	1086.0	1064.7	1005.1
-70°	941.2	949.7	958.2	958.2	958.2	954.0	945.5	928.4	907.1	877.3	830.5
-72.5°	813.4	822.0	830.5	817.7	809.2	796.4	783.6	762.3	741.0	719.7	694.2
-75°	694.2	698.5	698.5	681.4	668.6	655.9	638.8	626.1	604.8	587.7	566.4
-77.5°	553.7	553.7	553.7	540.9	532.4	523.8	511.1	498.3	481.3	468.5	451.4
-80°	430.1	430.1	430.1	425.9	413.1	404.6	396.1	387.6	374.8	366.3	357.7
-82.5°	327.9	327.9	327.9	323.7	315.2	310.9	302.4	293.9	289.6	281.1	276.8
-85°	238.5	242.8	242.8	238.5	234.2	225.7	221.5	217.2	212.9	208.7	200.2
-87.5°	161.8	161.8	161.8	157.6	153.3	153.3	149.1	140.5	132.0	127.8	123.5
-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	12.8	12.8	12.8	17.0	17.0	17.0	17.0	17.0	17.0	17.0	12.8
82.5°	21.3	21.3	25.6	25.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8
80°	21.3	25.6	29.8	34.1	38.3	42.6	42.6	42.6	42.6	38.3	38.3
77.5°	25.6	25.6	29.8	34.1	38.3	42.6	46.8	51.1	46.8	46.8	46.8
75°	25.6	29.8	29.8	34.1	38.3	42.6	46.8	51.1	51.1	51.1	51.1
72.5°	21.3	25.6	29.8	34.1	34.1	38.3	42.6	42.6	46.8	46.8	51.1
70°	21.3	25.6	29.8	29.8	34.1	34.1	38.3	42.6	42.6	46.8	46.8
67.5°	25.6	29.8	29.8	34.1	38.3	38.3	38.3	42.6	42.6	46.8	46.8
65°	29.8	34.1	34.1	38.3	42.6	42.6	46.8	46.8	46.8	51.1	51.1
62.5°	51.1	51.1	51.1	46.8	51.1	51.1	51.1	55.4	55.4	51.1	55.4
60°	264.0	191.6	132.0	166.1	149.1	68.1	68.1	68.1	63.9	63.9	59.6
57.5°	621.8	579.2	498.3	421.6	379.0	336.4	208.7	85.2	85.2	76.7	68.1
55°	1039.2	898.6	839.0	736.8	626.1	574.9	477.0	323.7	153.3	102.2	89.4
52.5°	1609.8	1477.8	1324.5	1115.8	966.8	847.5	766.6	609.0	408.8	217.2	136.3
50°	2155.0	2095.4	2001.7	1797.2	1486.3	1286.2	1154.1	975.3	732.5	447.2	255.5
47.5°	3471.0	2972.7	2670.3	2512.7	2252.9	1873.9	1618.4	1418.2	1124.3	753.8	451.4
45°	4369.6	4054.4	3573.2	3241.0	2857.7	2457.4	2125.2	1895.2	1546.0	1128.6	707.0
42.5°	5140.4	4867.9	4433.5	3948.0	3543.4	3019.5	2593.6	2291.3	1997.4	1541.7	1056.2
40°	6132.7	5809.1	5391.7	4919.0	4446.2	3777.6	3087.7	2721.4	2397.7	1993.1	1426.7
37.5°	7768.1	7197.5	6516.0	5992.2	5374.7	4808.2	3862.8	3215.4	2832.1	2410.5	1861.1
35°	9735.7	9109.7	7972.6	7278.4	6452.2	5608.9	4757.1	3798.9	3253.8	2806.6	2261.4
32.5°	11567.0	10651.4	9194.9	8381.4	7832.0	6277.5	5396.0	4565.5	3688.2	3138.8	2491.4
30°	12073.8	11064.5	10021.1	9071.3	8134.4	6878.0	5834.6	5187.3	4233.3	3338.9	2708.6
27.5°	11562.8	10868.6	10059.4	9177.8	8164.2	7086.7	6102.9	5485.4	4633.6	3475.2	2879.0
25°	11043.2	10319.2	9752.8	9016.0	8079.0	7073.9	6111.4	5672.8	4944.5	3739.3	2972.7
22.5°	10493.8	10042.4	9573.9	8751.9	7866.1	7112.3	6388.3	5834.6	5106.4	4037.4	3011.0
20°	10523.6	10229.8	9714.4	8615.7	7827.8	7338.0	6720.5	6039.0	5281.0	4297.2	3040.8
17.5°	11000.6	10617.3	9970.0	9016.0	8172.7	7568.0	6997.3	6320.1	5459.8	4527.2	3402.8
15°	11588.3	11004.9	10327.7	9488.7	8534.7	7819.2	7210.2	6516.0	5664.3	4740.1	3726.5
12.5°	12014.2	11183.7	10549.2	9791.1	8926.5	8091.8	7350.8	6665.1	5855.9	4914.7	3969.2
10°	12159.0	11405.2	10655.6	9978.5	9126.7	8236.6	7457.2	6758.8	6022.0	5051.0	4148.1
7.5°	12235.7	11596.8	10728.0	10063.7	9246.0	8326.1	7542.4	6809.9	6154.0	5144.7	4263.1
5°	12227.2	11699.1	10783.4	10089.2	9309.8	8364.4	7602.0	6822.7	6247.7	5225.6	4331.3
2.5°	12188.8	11767.2	10872.8	10131.8	9437.6	8436.8	7717.0	6848.2	6281.8	5315.0	4378.1
0°	12329.4	11771.5	10966.5	10144.6	9522.8	8462.3	7768.1	6826.9	6235.0	5340.6	4373.8
-2.5°	12027.0	11520.2	10945.2	10033.8	9407.8	8402.7	7674.4	6758.8	6132.7	5310.8	4356.8
-5°	11975.9	11337.1	10766.4	9931.6	9216.2	8279.2	7499.8	6631.0	5970.9	5212.8	4288.7
-7.5°	11839.6	11162.4	10591.8	9850.7	9037.3	8151.4	7333.7	6499.0	5796.3	5059.5	4190.7
-10°	11541.5	10894.1	10404.4	9676.1	8820.1	7968.3	7133.6	6324.4	5591.9	4850.8	4037.4
-12.5°	11115.6	10468.3	9982.7	9305.6	8547.5	7721.3	6895.1	6098.7	5357.6	4629.4	3854.3
-15°	10634.3	9978.5	9493.0	8875.4	8142.9	7338.0	6592.7	5813.3	5089.3	4395.1	3637.1
-17.5°	10089.2	9467.4	8998.9	8398.5	7670.2	6903.6	6162.6	5455.6	4778.4	4152.4	3385.8
-20°	9458.9	8854.1	8424.0	7823.5	7154.9	6409.6	5689.8	5021.2	4412.2	3824.4	3109.0

REPORT NUMBER: P722732

CATALOG NUMBER: IFLD-M-SA4E-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°	8679.5	8147.2	7657.4	7120.8	6537.3	5855.9	5187.3	4595.3	4011.8	3436.9	2823.6
-25°	7883.1	7367.8	6890.8	6401.1	5843.1	5255.4	4684.7	4148.1	3577.4	3057.9	2546.8
-27.5°	6997.3	6537.3	6111.4	5660.0	5148.9	4642.1	4173.7	3649.8	3155.8	2712.9	2274.2
-30°	6051.8	5677.0	5306.5	4906.2	4493.1	4067.2	3649.8	3155.8	2768.3	2414.8	2044.2
-32.5°	5144.7	4808.2	4510.1	4212.0	3854.3	3505.0	3134.5	2768.3	2444.6	2133.7	1822.8
-35°	4348.3	3990.5	3824.4	3586.0	3300.6	2985.5	2683.1	2427.5	2167.8	1886.7	1609.8
-37.5°	3658.4	3428.4	3232.5	3053.6	2827.9	2555.3	2338.1	2129.4	1912.2	1656.7	1418.2
-40°	3117.5	2951.4	2755.5	2623.5	2440.3	2244.4	2027.2	1852.6	1669.5	1460.8	1264.9
-42.5°	2683.1	2546.8	2419.0	2278.5	2142.2	1976.1	1788.7	1622.6	1456.5	1303.2	1141.4
-45°	2325.3	2227.4	2125.2	2010.2	1890.9	1746.1	1592.8	1422.5	1303.2	1166.9	1030.6
-47.5°	2031.5	1959.1	1873.9	1784.5	1682.2	1554.5	1413.9	1290.4	1166.9	1051.9	919.9
-50°	1797.2	1729.1	1661.0	1584.3	1494.9	1384.1	1277.7	1162.7	1047.7	936.9	813.4
-52.5°	1601.3	1541.7	1486.3	1422.5	1337.3	1243.6	1145.6	1043.4	936.9	826.2	728.3
-55°	1465.0	1396.9	1341.5	1277.7	1201.0	1111.6	1022.1	928.4	826.2	741.0	660.1
-57.5°	1354.3	1277.7	1213.8	1145.6	1069.0	992.3	911.4	826.2	749.6	668.6	592.0
-60°	1260.6	1171.2	1098.8	1030.6	958.2	885.8	817.7	745.3	672.9	600.5	523.8
-62.5°	1162.7	1069.0	979.5	915.7	860.3	796.4	736.8	668.6	604.8	532.4	477.0
-65°	1051.9	962.5	877.3	822.0	770.9	715.5	660.1	600.5	545.1	489.8	438.7
-67.5°	928.4	851.8	792.1	741.0	689.9	643.1	592.0	540.9	494.0	438.7	387.6
-70°	779.4	736.8	702.7	664.4	617.5	574.9	528.1	481.3	430.1	383.3	336.4
-72.5°	664.4	638.8	613.3	574.9	532.4	494.0	455.7	413.1	370.5	327.9	289.6
-75°	545.1	523.8	502.5	477.0	442.9	413.1	379.0	340.7	306.6	276.8	247.0
-77.5°	438.7	421.6	408.8	387.6	362.0	336.4	315.2	289.6	264.0	234.2	204.4
-80°	349.2	340.7	336.4	327.9	306.6	285.3	268.3	247.0	221.5	200.2	178.9
-82.5°	272.6	272.6	268.3	264.0	247.0	230.0	217.2	200.2	183.1	166.1	144.8
-85°	200.2	195.9	195.9	191.6	178.9	170.4	157.6	149.1	136.3	119.2	110.7
-87.5°	119.2	115.0	110.7	106.5	98.0	93.7	85.2	80.9	72.4	63.9	59.6
-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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CATALOG NUMBER: IFLD-M-SA4E-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	0.0	0.0
85°	12.8	8.5	8.5	8.5	8.5	8.5	4.3	4.3	4.3	4.3	4.3
82.5°	25.6	25.6	21.3	21.3	17.0	12.8	8.5	8.5	8.5	4.3	4.3
80°	38.3	38.3	38.3	34.1	29.8	21.3	17.0	12.8	8.5	4.3	4.3
77.5°	46.8	42.6	42.6	38.3	38.3	34.1	25.6	21.3	12.8	8.5	4.3
75°	46.8	46.8	46.8	42.6	42.6	38.3	34.1	25.6	21.3	12.8	8.5
72.5°	51.1	46.8	46.8	46.8	42.6	38.3	34.1	29.8	25.6	17.0	8.5
70°	46.8	46.8	46.8	46.8	42.6	42.6	34.1	29.8	29.8	17.0	12.8
67.5°	46.8	46.8	46.8	42.6	42.6	38.3	34.1	29.8	29.8	21.3	12.8
65°	51.1	46.8	46.8	46.8	42.6	38.3	34.1	29.8	29.8	25.6	17.0
62.5°	55.4	51.1	51.1	46.8	42.6	38.3	34.1	29.8	29.8	25.6	17.0
60°	59.6	55.4	51.1	51.1	46.8	42.6	34.1	34.1	29.8	25.6	17.0
57.5°	63.9	59.6	59.6	55.4	51.1	46.8	38.3	34.1	29.8	25.6	21.3
55°	76.7	68.1	63.9	63.9	59.6	51.1	42.6	34.1	29.8	25.6	21.3
52.5°	102.2	80.9	72.4	72.4	68.1	59.6	46.8	38.3	29.8	25.6	21.3
50°	161.8	102.2	85.2	76.7	76.7	68.1	55.4	42.6	29.8	25.6	21.3
47.5°	255.5	170.4	102.2	89.4	85.2	80.9	63.9	42.6	34.1	25.6	21.3
45°	421.6	251.3	166.1	106.5	89.4	85.2	72.4	46.8	34.1	29.8	21.3
42.5°	579.2	391.8	255.5	127.8	106.5	93.7	76.7	51.1	38.3	29.8	21.3
40°	911.4	536.6	357.7	208.7	123.5	98.0	85.2	59.6	38.3	29.8	21.3
37.5°	1235.1	711.2	481.3	306.6	140.5	110.7	89.4	63.9	42.6	29.8	25.6
35°	1558.7	996.6	596.2	408.8	187.4	132.0	93.7	68.1	42.6	29.8	25.6
32.5°	1848.3	1264.9	715.5	511.1	281.1	157.6	102.2	72.4	46.8	34.1	25.6
30°	2086.8	1511.9	928.4	600.5	366.3	191.6	110.7	72.4	51.1	34.1	25.6
27.5°	2265.7	1703.5	1145.6	694.2	438.7	225.7	127.8	80.9	51.1	34.1	25.6
25°	2410.5	1852.6	1337.3	792.1	502.5	281.1	153.3	85.2	55.4	38.3	25.6
22.5°	2525.5	1976.1	1494.9	924.2	579.2	336.4	187.4	93.7	55.4	38.3	25.6
20°	2683.1	2099.6	1601.3	1064.7	660.1	387.6	217.2	102.2	55.4	38.3	29.8
17.5°	2819.4	2223.1	1686.5	1184.0	741.0	425.9	251.3	110.7	59.6	38.3	29.8
15°	2976.9	2342.4	1763.2	1277.7	817.7	460.0	281.1	119.2	59.6	42.6	29.8
12.5°	3147.3	2453.1	1818.5	1354.3	898.6	489.8	306.6	136.3	63.9	42.6	29.8
10°	3321.9	2546.8	1865.4	1409.7	958.2	519.6	323.7	153.3	68.1	42.6	29.8
7.5°	3496.5	2632.0	1925.0	1435.2	983.8	553.7	332.2	170.4	68.1	46.8	29.8
5°	3615.8	2687.3	2010.2	1452.3	996.6	592.0	345.0	191.6	72.4	46.8	29.8
2.5°	3718.0	2721.4	2099.6	1465.0	1000.8	613.3	340.7	204.4	76.7	46.8	29.8
0°	3764.8	2721.4	2159.2	1456.5	988.1	634.6	340.7	217.2	76.7	46.8	29.8
-2.5°	3692.4	2798.1	2142.2	1460.8	992.3	634.6	357.7	221.5	85.2	51.1	29.8
-5°	3577.4	2827.9	2091.1	1439.5	983.8	634.6	379.0	225.7	89.4	51.1	34.1
-7.5°	3466.7	2840.7	2031.5	1418.2	971.0	617.5	383.3	221.5	98.0	55.4	34.1
-10°	3321.9	2700.1	1954.8	1379.9	945.5	604.8	391.8	221.5	102.2	55.4	34.1
-12.5°	3155.8	2529.8	1861.1	1324.5	915.7	592.0	396.1	221.5	106.5	59.6	34.1
-15°	2964.2	2355.1	1754.6	1264.9	873.1	574.9	387.6	217.2	110.7	59.6	38.3
-17.5°	2747.0	2184.8	1643.9	1192.5	826.2	553.7	370.5	212.9	110.7	59.6	38.3
-20°	2499.9	2014.4	1520.4	1120.1	770.9	528.1	353.5	204.4	110.7	59.6	38.3

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CATALOG NUMBER: IFLD-M-SA4E-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°	2278.5	1856.9	1392.6	1039.2	711.2	498.3	332.2	195.9	110.7	63.9	38.3
-25°	2095.4	1703.5	1294.7	958.2	647.3	464.2	310.9	187.4	110.7	63.9	38.3
-27.5°	1903.7	1537.4	1192.5	881.6	604.8	434.4	289.6	178.9	106.5	63.9	38.3
-30°	1707.8	1375.6	1086.0	796.4	562.2	404.6	272.6	166.1	106.5	63.9	38.3
-32.5°	1528.9	1243.6	988.1	711.2	515.3	374.8	255.5	161.8	102.2	63.9	38.3
-35°	1354.3	1124.3	885.8	643.1	464.2	345.0	238.5	157.6	102.2	63.9	38.3
-37.5°	1209.5	1013.6	792.1	596.2	434.4	319.4	221.5	149.1	98.0	63.9	38.3
-40°	1090.3	911.4	702.7	545.1	408.8	293.9	204.4	144.8	98.0	63.9	38.3
-42.5°	979.5	813.4	647.3	502.5	383.3	276.8	191.6	140.5	93.7	63.9	38.3
-45°	881.6	728.3	592.0	464.2	353.5	255.5	183.1	132.0	89.4	63.9	42.6
-47.5°	783.6	668.6	540.9	430.1	323.7	230.0	174.6	127.8	85.2	59.6	42.6
-50°	707.0	604.8	498.3	391.8	293.9	221.5	166.1	119.2	85.2	59.6	42.6
-52.5°	638.8	545.1	451.4	353.5	268.3	208.7	157.6	110.7	80.9	59.6	42.6
-55°	574.9	489.8	404.6	315.2	251.3	195.9	144.8	102.2	80.9	59.6	42.6
-57.5°	511.1	438.7	357.7	285.3	230.0	183.1	136.3	102.2	80.9	59.6	42.6
-60°	460.0	391.8	323.7	264.0	212.9	166.1	123.5	98.0	76.7	59.6	42.6
-62.5°	417.4	353.5	293.9	238.5	195.9	149.1	119.2	98.0	76.7	59.6	38.3
-65°	374.8	319.4	264.0	217.2	174.6	140.5	115.0	93.7	76.7	59.6	38.3
-67.5°	332.2	281.1	238.5	191.6	161.8	136.3	110.7	93.7	72.4	55.4	38.3
-70°	289.6	247.0	208.7	178.9	153.3	127.8	106.5	89.4	72.4	51.1	34.1
-72.5°	255.5	217.2	187.4	166.1	144.8	123.5	102.2	85.2	68.1	46.8	29.8
-75°	217.2	191.6	170.4	149.1	132.0	115.0	98.0	76.7	59.6	42.6	29.8
-77.5°	183.1	166.1	149.1	136.3	119.2	102.2	85.2	68.1	55.4	38.3	25.6
-80°	157.6	144.8	132.0	119.2	106.5	89.4	76.7	59.6	46.8	34.1	21.3
-82.5°	127.8	119.2	106.5	98.0	89.4	76.7	63.9	51.1	34.1	25.6	17.0
-85°	98.0	89.4	85.2	76.7	68.1	55.4	42.6	34.1	25.6	17.0	8.5
-87.5°	51.1	46.8	42.6	38.3	34.1	25.6	21.3	17.0	12.8	8.5	4.3
-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: P722732

CATALOG NUMBER: IFLD-M-SA4E-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°	4.3	0.0	0.0	0.0
77.5°	4.3	0.0	0.0	0.0
75°	4.3	4.3	0.0	0.0
72.5°	4.3	4.3	0.0	0.0
70°	4.3	4.3	0.0	0.0
67.5°	8.5	4.3	0.0	0.0
65°	8.5	4.3	0.0	0.0
62.5°	8.5	4.3	0.0	0.0
60°	8.5	4.3	0.0	0.0
57.5°	12.8	4.3	4.3	0.0
55°	12.8	4.3	4.3	0.0
52.5°	12.8	4.3	4.3	0.0
50°	12.8	8.5	4.3	0.0
47.5°	12.8	8.5	4.3	0.0
45°	12.8	8.5	4.3	0.0
42.5°	12.8	8.5	4.3	0.0
40°	17.0	8.5	4.3	0.0
37.5°	17.0	8.5	4.3	0.0
35°	17.0	8.5	4.3	0.0
32.5°	17.0	8.5	4.3	0.0
30°	17.0	8.5	4.3	0.0
27.5°	17.0	12.8	4.3	0.0
25°	17.0	12.8	4.3	0.0
22.5°	21.3	12.8	4.3	0.0
20°	21.3	12.8	4.3	0.0
17.5°	21.3	12.8	4.3	0.0
15°	21.3	12.8	4.3	0.0
12.5°	21.3	12.8	4.3	0.0
10°	21.3	12.8	4.3	0.0
7.5°	21.3	12.8	4.3	0.0
5°	21.3	12.8	4.3	0.0
2.5°	21.3	12.8	4.3	0.0
0°	21.3	12.8	4.3	0.0
-2.5°	21.3	12.8	4.3	0.0
-5°	21.3	12.8	4.3	0.0
-7.5°	21.3	12.8	4.3	0.0
-10°	21.3	12.8	4.3	0.0
-12.5°	25.6	12.8	4.3	0.0
-15°	25.6	12.8	4.3	0.0
-17.5°	25.6	12.8	4.3	0.0
-20°	25.6	12.8	4.3	0.0

REPORT NUMBER: P722732

CATALOG NUMBER: IFLD-M-SA4E-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	25.6	12.8	4.3	0.0
-25°	25.6	12.8	4.3	0.0
-27.5°	25.6	12.8	4.3	0.0
-30°	25.6	12.8	4.3	0.0
-32.5°	25.6	12.8	4.3	0.0
-35°	25.6	12.8	4.3	0.0
-37.5°	25.6	12.8	4.3	0.0
-40°	25.6	12.8	4.3	0.0
-42.5°	21.3	12.8	4.3	0.0
-45°	25.6	12.8	4.3	0.0
-47.5°	25.6	12.8	4.3	0.0
-50°	25.6	12.8	4.3	0.0
-52.5°	25.6	12.8	4.3	0.0
-55°	25.6	12.8	4.3	0.0
-57.5°	25.6	12.8	4.3	0.0
-60°	25.6	12.8	4.3	0.0
-62.5°	21.3	12.8	4.3	0.0
-65°	21.3	8.5	4.3	0.0
-67.5°	21.3	8.5	4.3	0.0
-70°	21.3	8.5	4.3	0.0
-72.5°	17.0	8.5	4.3	0.0
-75°	17.0	8.5	4.3	0.0
-77.5°	12.8	4.3	0.0	0.0
-80°	12.8	4.3	0.0	0.0
-82.5°	8.5	4.3	0.0	0.0
-85°	4.3	4.3	0.0	0.0
-87.5°	4.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)