

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: P722671

Luminaire Tested: **IFLD-M-SA4B-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722671
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	14946.6 lumens	Max Intensity:	10434.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	90.0 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:	9535.3 lumens	Field Lumens:	14091.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

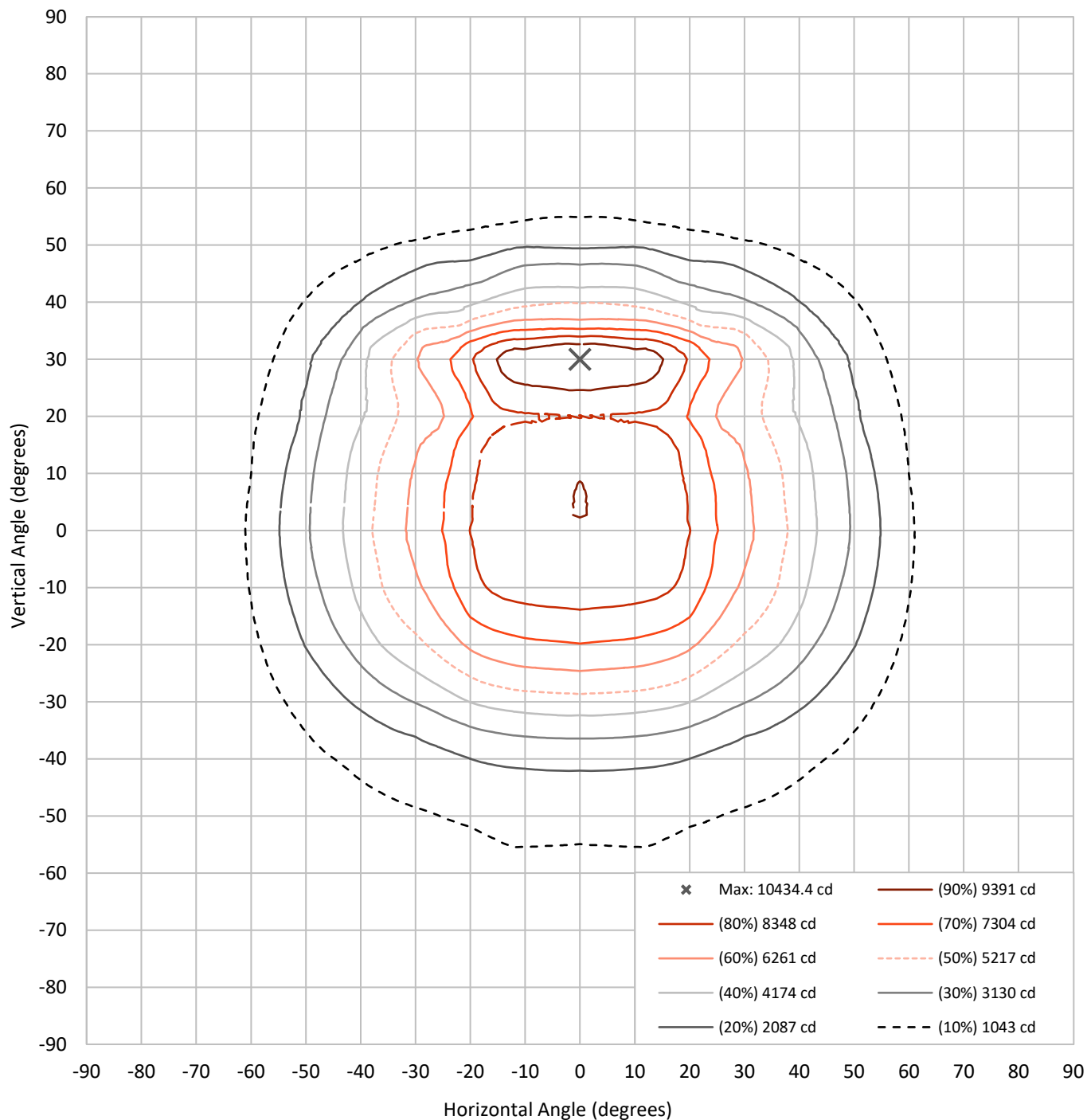
Input Watts (W): 166.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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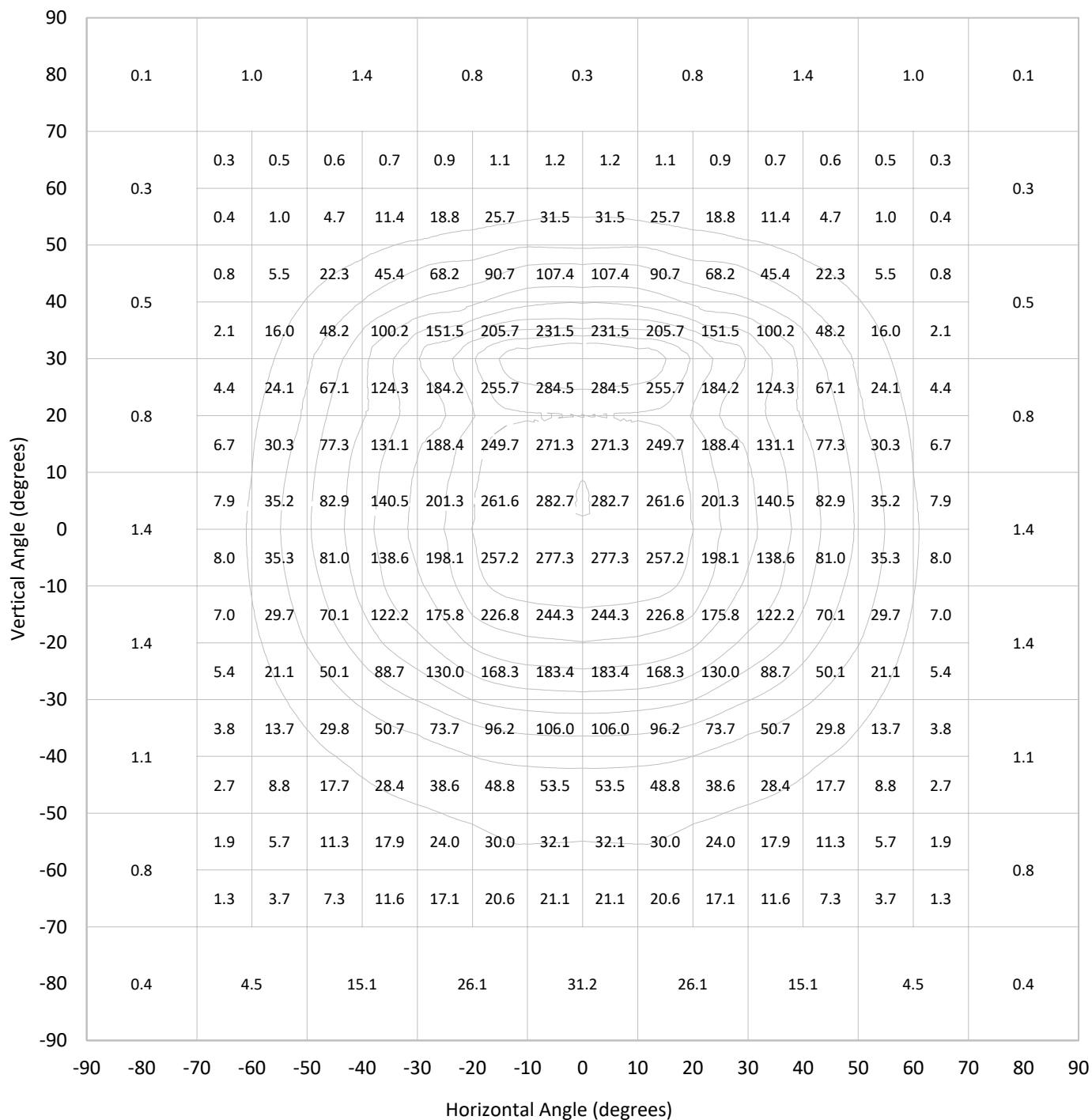
Iso-Candela Plot



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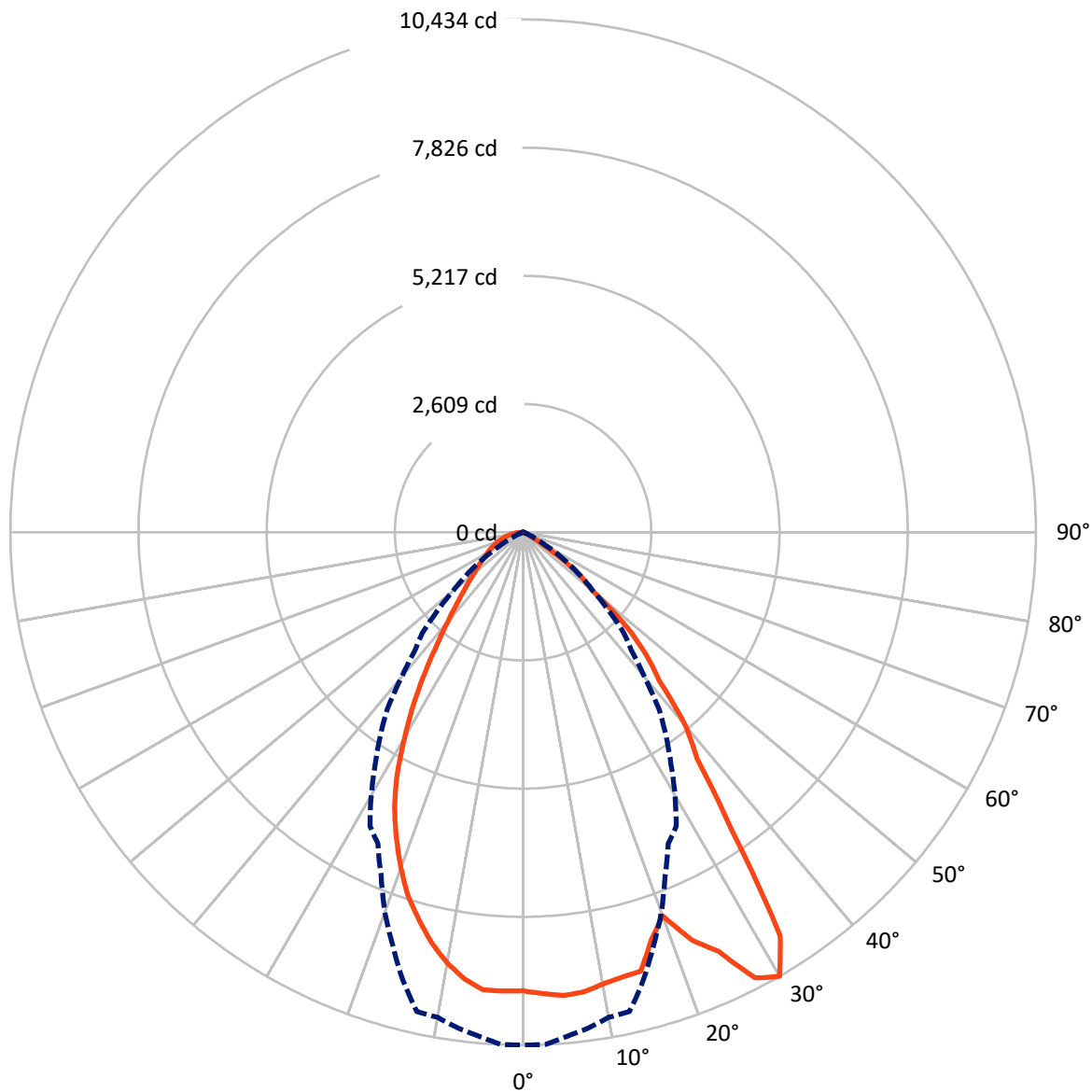
Lumen Table



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Luminous Intensity Polar Plot

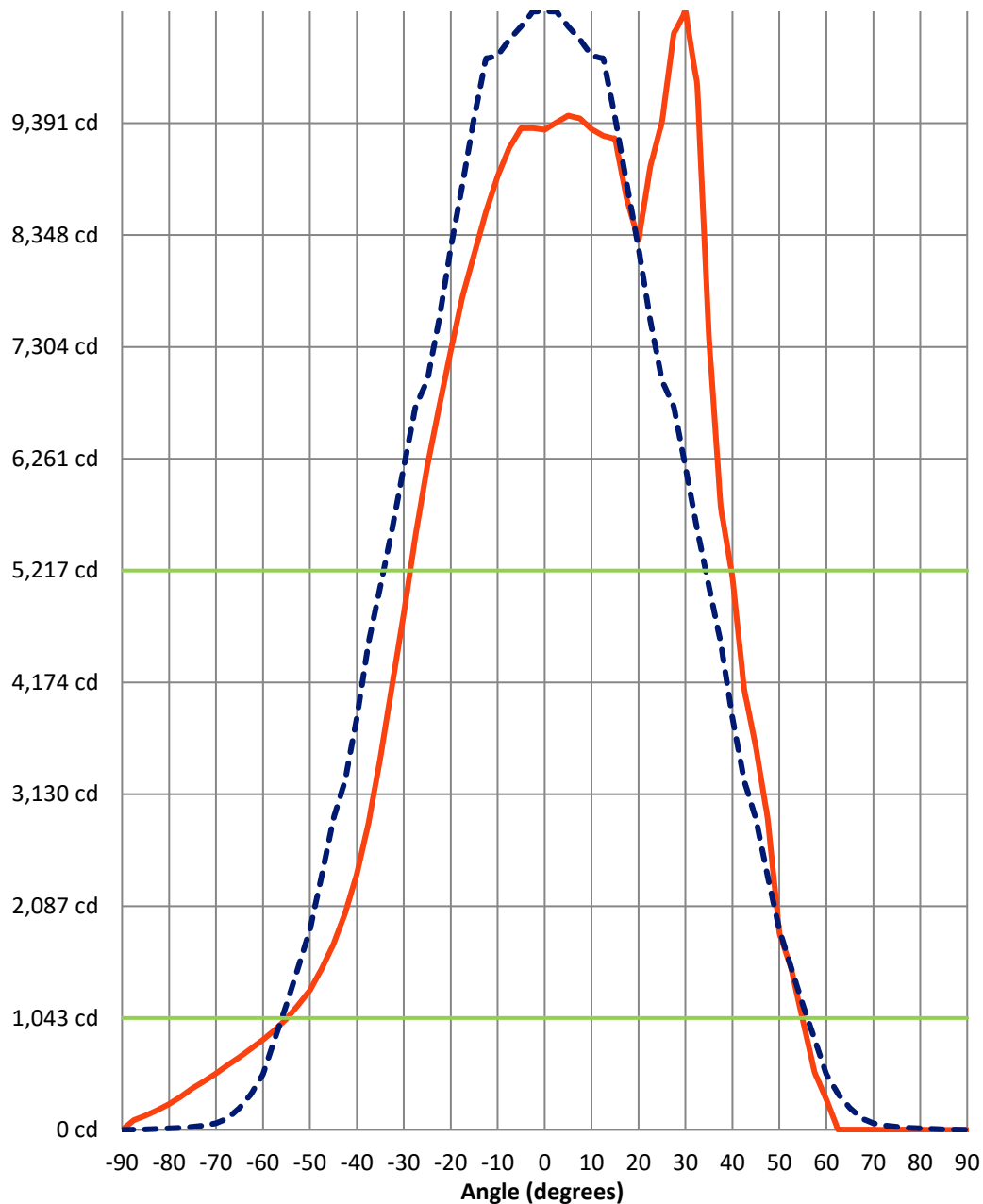


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 9535.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 14091.3

Efficiency: 94.3%

Spill:

Lumens: 855.3

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	2.4	2.4	2.4	2.4	2.4	2.4	2.4
85°	0.0	2.4	2.4	2.4	4.8	4.8	4.8	4.8	4.8	4.8	7.1
82.5°	0.0	2.4	2.4	2.4	4.8	4.8	4.8	4.8	7.1	7.1	9.5
80°	2.4	2.4	2.4	2.4	4.8	4.8	4.8	7.1	7.1	9.5	9.5
77.5°	2.4	2.4	2.4	4.8	4.8	4.8	7.1	7.1	9.5	9.5	11.9
75°	2.4	2.4	2.4	4.8	4.8	7.1	7.1	7.1	9.5	9.5	11.9
72.5°	0.0	2.4	2.4	4.8	4.8	7.1	7.1	7.1	9.5	9.5	9.5
70°	2.4	2.4	2.4	4.8	4.8	7.1	7.1	7.1	9.5	9.5	9.5
67.5°	2.4	2.4	2.4	4.8	4.8	7.1	7.1	9.5	9.5	9.5	11.9
65°	2.4	2.4	2.4	4.8	7.1	7.1	9.5	11.9	11.9	14.3	16.7
62.5°	2.4	4.8	4.8	7.1	9.5	11.9	26.2	40.5	40.5	28.6	23.8
60°	283.2	307.0	304.6	276.0	240.3	202.3	195.1	188.0	173.7	152.3	159.4
57.5°	537.8	566.3	578.2	571.1	552.1	518.7	499.7	478.3	449.7	416.4	378.3
55°	1018.5	1030.3	1004.2	954.2	899.5	844.7	825.7	797.2	754.3	711.5	654.4
52.5°	1506.3	1546.7	1534.8	1484.8	1411.1	1313.5	1206.4	1123.2	1073.2	1025.6	968.5
50°	1839.4	1856.1	1889.4	1948.9	1970.3	1903.6	1729.9	1506.3	1346.8	1427.7	1365.9
47.5°	2903.1	2986.3	2969.7	2926.9	2855.5	2674.6	2431.9	2232.0	2065.5	2010.7	2020.2
45°	3567.0	3600.3	3588.4	3569.3	3536.0	3367.1	3098.2	2791.2	2636.5	2574.7	2510.4
42.5°	4111.9	4147.6	4154.7	4157.1	4121.4	3966.7	3724.0	3417.0	3262.4	3083.9	2943.5
40°	5151.7	5204.1	5144.6	5066.1	4947.1	4771.0	4533.1	4249.9	3976.2	3757.3	3590.8
37.5°	5815.6	5879.9	5903.7	5898.9	5872.7	5796.6	5503.9	5235.0	4816.2	4326.0	4414.1
35°	7390.9	7457.5	7438.5	7367.1	7329.0	7248.1	6962.6	6643.7	6117.8	5584.8	5442.0
32.5°	9739.5	9884.7	9613.4	9316.0	9132.7	9197.0	8906.7	8126.2	7883.5	6922.1	6477.2
30°	10434.4	10432.0	10294.0	10172.6	10022.7	9991.8	9444.5	8821.0	8226.1	7552.7	6991.1
27.5°	10222.6	10179.7	10063.1	9975.1	9834.7	9760.9	9225.5	8730.6	8042.9	7440.9	6898.3
25°	9406.4	9439.7	9320.7	9304.1	9249.3	9106.6	8840.1	8283.2	7669.3	7003.0	6612.8
22.5°	8985.2	8973.3	8830.5	8747.3	8813.9	8661.6	8554.5	7992.9	7352.8	6791.3	6322.5
20°	8299.9	8302.3	8266.6	8259.4	8219.0	8150.0	8064.3	7666.9	7214.8	6734.1	6170.2
17.5°	8683.0	8780.6	8823.4	8468.8	8568.8	8490.3	8399.8	7845.4	7505.1	7079.2	6343.9
15°	9244.6	9208.9	9166.1	9147.0	9092.3	9018.5	8854.3	8411.7	7826.4	7386.1	6812.7
12.5°	9273.1	9204.1	9187.5	9185.1	9128.0	9025.7	8866.2	8499.8	7981.0	7445.6	6979.2
10°	9335.0	9263.6	9254.1	9266.0	9178.0	9113.7	8954.3	8614.0	8028.6	7548.0	7107.7
7.5°	9434.9	9316.0	9370.7	9335.0	9294.6	9192.2	9020.9	8687.8	8202.3	7683.6	7222.0
5°	9461.1	9330.2	9389.7	9356.4	9296.9	9197.0	9011.4	8735.4	8309.4	7738.3	7267.2
2.5°	9396.9	9358.8	9332.6	9270.8	9244.6	9135.1	8959.0	8664.0	8259.4	7714.5	7257.7
0°	9330.2	9363.6	9304.1	9242.2	9230.3	9142.3	8992.3	8725.8	8376.0	7781.2	7338.6
-2.5°	9344.5	9318.3	9277.9	9213.6	9151.8	9025.7	8890.0	8640.2	8264.2	7636.0	7224.3
-5°	9344.5	9223.2	9227.9	9230.3	9168.4	9037.6	8873.4	8661.6	8197.6	7633.6	7191.0
-7.5°	9163.7	9059.0	9042.3	9028.0	9011.4	8890.0	8761.5	8497.4	8085.7	7571.8	7098.2
-10°	8897.2	8794.8	8804.4	8782.9	8730.6	8649.7	8552.1	8314.2	7976.3	7376.6	6910.2
-12.5°	8564.0	8518.8	8492.6	8456.9	8404.6	8333.2	8233.3	8009.6	7647.9	7136.3	6693.7
-15°	8169.0	8135.7	8111.9	8090.5	8014.4	7940.6	7809.7	7602.7	7376.6	6827.0	6374.8
-17.5°	7774.0	7690.7	7657.4	7628.9	7578.9	7459.9	7340.9	7186.3	6869.8	6434.3	6046.5
-20°	7267.2	7217.2	7176.7	7138.7	7067.3	6974.5	6876.9	6698.5	6424.8	6072.6	5670.5

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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°	6736.5	6708.0	6674.7	6627.1	6579.5	6491.4	6355.8	6184.5	5970.3	5589.6	5213.6
-25°	6189.2	6134.5	6094.0	6048.8	6010.8	5929.9	5799.0	5634.8	5365.9	5037.5	4723.4
-27.5°	5544.4	5492.0	5470.6	5418.3	5384.9	5311.2	5180.3	5028.0	4785.3	4509.3	4190.4
-30°	4816.2	4825.7	4801.9	4752.0	4711.5	4616.3	4516.4	4387.9	4197.5	3933.4	3647.9
-32.5°	4142.8	4154.7	4126.2	4073.8	4021.5	3952.4	3859.6	3743.0	3600.3	3348.0	3100.6
-35°	3469.4	3464.6	3440.8	3409.9	3374.2	3317.1	3212.4	3124.4	2960.2	2784.1	2612.8
-37.5°	2865.0	2876.9	2869.7	2853.1	2812.6	2765.0	2679.4	2598.5	2477.1	2322.4	2189.2
-40°	2386.7	2401.0	2391.5	2374.8	2339.1	2310.6	2253.4	2182.1	2084.5	1951.2	1839.4
-42.5°	2020.2	2029.8	2017.9	2003.6	1972.7	1951.2	1906.0	1846.5	1765.6	1663.3	1563.4
-45°	1729.9	1732.3	1720.4	1710.9	1687.1	1660.9	1622.9	1575.3	1511.0	1439.6	1358.7
-47.5°	1501.5	1499.1	1487.2	1477.7	1458.7	1434.9	1403.9	1361.1	1311.1	1256.4	1192.2
-50°	1301.6	1313.5	1308.8	1299.2	1285.0	1268.3	1237.4	1192.2	1142.2	1101.7	1056.5
-52.5°	1163.6	1166.0	1163.6	1163.6	1161.2	1149.3	1113.6	1068.4	1013.7	978.0	939.9
-55°	1035.1	1047.0	1051.8	1056.5	1058.9	1058.9	1016.1	968.5	916.1	880.4	851.9
-57.5°	930.4	937.5	942.3	954.2	963.7	970.9	932.8	890.0	849.5	816.2	790.0
-60°	840.0	849.5	856.6	868.5	875.7	880.4	856.6	828.1	804.3	782.9	744.8
-62.5°	759.1	766.2	773.4	780.5	787.6	792.4	782.9	768.6	756.7	747.2	699.6
-65°	678.2	685.3	692.5	702.0	709.1	713.9	711.5	702.0	692.5	682.9	640.1
-67.5°	604.4	611.5	621.1	623.4	628.2	630.6	625.8	618.7	606.8	594.9	561.6
-70°	525.9	530.6	535.4	535.4	535.4	533.0	528.3	518.7	506.8	490.2	464.0
-72.5°	454.5	459.3	464.0	456.9	452.1	445.0	437.8	425.9	414.0	402.1	387.9
-75°	387.9	390.2	390.2	380.7	373.6	366.5	356.9	349.8	337.9	328.4	316.5
-77.5°	309.3	309.3	309.3	302.2	297.4	292.7	285.5	278.4	268.9	261.8	252.2
-80°	240.3	240.3	240.3	238.0	230.8	226.1	221.3	216.5	209.4	204.6	199.9
-82.5°	183.2	183.2	183.2	180.8	176.1	173.7	168.9	164.2	161.8	157.1	154.7
-85°	133.3	135.6	135.6	133.3	130.9	126.1	123.7	121.4	119.0	116.6	111.8
-87.5°	90.4	90.4	90.4	88.0	85.7	85.7	83.3	78.5	73.8	71.4	69.0
-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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
85°	7.1	7.1	7.1	9.5	9.5	9.5	9.5	9.5	9.5	9.5	7.1
82.5°	11.9	11.9	14.3	14.3	16.7	16.7	16.7	16.7	16.7	16.7	16.7
80°	11.9	14.3	16.7	19.0	21.4	23.8	23.8	23.8	23.8	21.4	21.4
77.5°	14.3	14.3	16.7	19.0	21.4	23.8	26.2	28.6	26.2	26.2	26.2
75°	14.3	16.7	16.7	19.0	21.4	23.8	26.2	28.6	28.6	28.6	28.6
72.5°	11.9	14.3	16.7	19.0	19.0	21.4	23.8	23.8	26.2	26.2	28.6
70°	11.9	14.3	16.7	16.7	19.0	19.0	21.4	23.8	23.8	26.2	26.2
67.5°	14.3	16.7	16.7	19.0	21.4	21.4	21.4	23.8	23.8	26.2	26.2
65°	16.7	19.0	19.0	21.4	23.8	23.8	26.2	26.2	26.2	28.6	28.6
62.5°	28.6	28.6	28.6	26.2	28.6	28.6	28.6	30.9	30.9	28.6	30.9
60°	147.5	107.1	73.8	92.8	83.3	38.1	38.1	38.1	35.7	35.7	33.3
57.5°	347.4	323.6	278.4	235.6	211.8	188.0	116.6	47.6	47.6	42.8	38.1
55°	580.6	502.1	468.8	411.7	349.8	321.2	266.5	180.8	85.7	57.1	50.0
52.5°	899.5	825.7	740.0	623.4	540.2	473.5	428.3	340.3	228.4	121.4	76.1
50°	1204.1	1170.7	1118.4	1004.2	830.5	718.6	644.9	544.9	409.3	249.9	142.8
47.5°	1939.3	1660.9	1492.0	1403.9	1258.8	1047.0	904.2	792.4	628.2	421.2	252.2
45°	2441.4	2265.3	1996.4	1810.8	1596.7	1373.0	1187.4	1058.9	863.8	630.6	395.0
42.5°	2872.1	2719.8	2477.1	2205.8	1979.8	1687.1	1449.2	1280.2	1116.0	861.4	590.1
40°	3426.6	3245.7	3012.5	2748.4	2484.3	2110.7	1725.2	1520.5	1339.7	1113.6	797.2
37.5°	4340.3	4021.5	3640.7	3348.0	3003.0	2686.5	2158.3	1796.6	1582.4	1346.8	1039.9
35°	5439.7	5089.9	4454.5	4066.7	3605.0	3133.9	2658.0	2122.6	1818.0	1568.1	1263.5
32.5°	6462.9	5951.3	5137.5	4683.0	4376.0	3507.5	3014.9	2550.9	2060.7	1753.7	1392.0
30°	6746.0	6182.1	5599.1	5068.5	4545.0	3843.0	3260.0	2898.3	2365.3	1865.6	1513.4
27.5°	6460.5	6072.6	5620.5	5127.9	4561.6	3959.6	3409.9	3064.9	2589.0	1941.7	1608.6
25°	6170.2	5765.7	5449.2	5037.5	4514.0	3952.4	3414.7	3169.6	2762.7	2089.3	1660.9
22.5°	5863.2	5611.0	5349.2	4890.0	4395.0	3973.9	3569.3	3260.0	2853.1	2255.8	1682.3
20°	5879.9	5715.7	5427.8	4813.8	4373.6	4100.0	3754.9	3374.2	2950.7	2401.0	1699.0
17.5°	6146.4	5932.2	5570.5	5037.5	4566.4	4228.5	3909.6	3531.3	3050.6	2529.5	1901.3
15°	6474.8	6148.8	5770.4	5301.7	4768.6	4368.9	4028.6	3640.7	3164.8	2648.4	2082.1
12.5°	6712.7	6248.7	5894.2	5470.6	4987.6	4521.2	4107.1	3724.0	3271.9	2746.0	2217.7
10°	6793.6	6372.5	5953.7	5575.3	5099.4	4602.1	4166.6	3776.4	3364.7	2822.2	2317.7
7.5°	6836.5	6479.5	5994.1	5622.9	5166.0	4652.0	4214.2	3804.9	3438.5	2874.5	2381.9
5°	6831.7	6536.6	6025.0	5637.2	5201.7	4673.5	4247.5	3812.1	3490.8	2919.7	2420.0
2.5°	6810.3	6574.7	6075.0	5661.0	5273.1	4713.9	4311.8	3826.3	3509.8	2969.7	2446.2
0°	6888.8	6577.1	6127.4	5668.1	5320.7	4728.2	4340.3	3814.4	3483.7	2984.0	2443.8
-2.5°	6719.9	6436.7	6115.5	5606.2	5256.4	4694.9	4288.0	3776.4	3426.6	2967.3	2434.3
-5°	6691.3	6334.4	6015.5	5549.1	5149.4	4625.9	4190.4	3705.0	3336.1	2912.6	2396.2
-7.5°	6615.2	6236.8	5918.0	5503.9	5049.4	4554.5	4097.6	3631.2	3238.6	2826.9	2341.5
-10°	6448.6	6086.9	5813.3	5406.4	4928.1	4452.2	3985.8	3533.6	3124.4	2710.3	2255.8
-12.5°	6210.6	5849.0	5577.7	5199.3	4775.8	4314.1	3852.5	3407.5	2993.5	2586.6	2153.5
-15°	5941.8	5575.3	5304.0	4959.0	4549.7	4100.0	3683.6	3248.1	2843.6	2455.7	2032.1
-17.5°	5637.2	5289.8	5028.0	4692.5	4285.6	3857.3	3443.2	3048.2	2669.9	2320.1	1891.7
-20°	5285.0	4947.1	4706.8	4371.2	3997.7	3581.2	3179.1	2805.5	2465.2	2136.8	1737.1

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CATALOG NUMBER: IFLD-M-SA4B-930-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°	4849.5	4552.1	4278.4	3978.6	3652.6	3271.9	2898.3	2567.5	2241.5	1920.3	1577.6
-25°	4404.6	4116.6	3850.1	3576.5	3264.8	2936.4	2617.5	2317.7	1998.8	1708.5	1423.0
-27.5°	3909.6	3652.6	3414.7	3162.4	2876.9	2593.7	2332.0	2039.3	1763.3	1515.8	1270.7
-30°	3381.4	3172.0	2964.9	2741.3	2510.4	2272.5	2039.3	1763.3	1546.7	1349.2	1142.2
-32.5°	2874.5	2686.5	2520.0	2353.4	2153.5	1958.4	1751.4	1546.7	1365.9	1192.2	1018.5
-35°	2429.5	2229.6	2136.8	2003.6	1844.2	1668.1	1499.1	1356.3	1211.2	1054.1	899.5
-37.5°	2044.0	1915.5	1806.1	1706.1	1580.0	1427.7	1306.4	1189.8	1068.4	925.6	792.4
-40°	1741.8	1649.0	1539.6	1465.8	1363.5	1254.0	1132.7	1035.1	932.8	816.2	706.7
-42.5°	1499.1	1423.0	1351.6	1273.1	1196.9	1104.1	999.4	906.6	813.8	728.1	637.7
-45°	1299.2	1244.5	1187.4	1123.2	1056.5	975.6	890.0	794.8	728.1	652.0	575.9
-47.5°	1135.0	1094.6	1047.0	997.0	939.9	868.5	790.0	721.0	652.0	587.8	514.0
-50°	1004.2	966.1	928.0	885.2	835.2	773.4	713.9	649.6	585.4	523.5	454.5
-52.5°	894.7	861.4	830.5	794.8	747.2	694.8	640.1	583.0	523.5	461.6	406.9
-55°	818.6	780.5	749.6	713.9	671.0	621.1	571.1	518.7	461.6	414.0	368.8
-57.5°	756.7	713.9	678.2	640.1	597.3	554.4	509.2	461.6	418.8	373.6	330.8
-60°	704.3	654.4	613.9	575.9	535.4	494.9	456.9	416.4	376.0	335.5	292.7
-62.5°	649.6	597.3	547.3	511.6	480.7	445.0	411.7	373.6	337.9	297.4	266.5
-65°	587.8	537.8	490.2	459.3	430.7	399.8	368.8	335.5	304.6	273.6	245.1
-67.5°	518.7	475.9	442.6	414.0	385.5	359.3	330.8	302.2	276.0	245.1	216.5
-70°	435.5	411.7	392.6	371.2	345.0	321.2	295.1	268.9	240.3	214.2	188.0
-72.5°	371.2	356.9	342.7	321.2	297.4	276.0	254.6	230.8	207.0	183.2	161.8
-75°	304.6	292.7	280.8	266.5	247.5	230.8	211.8	190.4	171.3	154.7	138.0
-77.5°	245.1	235.6	228.4	216.5	202.3	188.0	176.1	161.8	147.5	130.9	114.2
-80°	195.1	190.4	188.0	183.2	171.3	159.4	149.9	138.0	123.7	111.8	99.9
-82.5°	152.3	152.3	149.9	147.5	138.0	128.5	121.4	111.8	102.3	92.8	80.9
-85°	111.8	109.5	109.5	107.1	99.9	95.2	88.0	83.3	76.1	66.6	61.9
-87.5°	66.6	64.2	61.9	59.5	54.7	52.4	47.6	45.2	40.5	35.7	33.3
-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: P722671

CATALOG NUMBER: IFLD-M-SA4B-930-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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0	0.0
85°	7.1	4.8	4.8	4.8	4.8	4.8	2.4	2.4	2.4	2.4	2.4
82.5°	14.3	14.3	11.9	11.9	9.5	7.1	4.8	4.8	4.8	2.4	2.4
80°	21.4	21.4	21.4	19.0	16.7	11.9	9.5	7.1	4.8	2.4	2.4
77.5°	26.2	23.8	23.8	21.4	21.4	19.0	14.3	11.9	7.1	4.8	2.4
75°	26.2	26.2	26.2	23.8	23.8	21.4	19.0	14.3	11.9	7.1	4.8
72.5°	28.6	26.2	26.2	26.2	23.8	21.4	19.0	16.7	14.3	9.5	4.8
70°	26.2	26.2	26.2	26.2	23.8	23.8	19.0	16.7	16.7	9.5	7.1
67.5°	26.2	26.2	26.2	23.8	23.8	21.4	19.0	16.7	16.7	11.9	7.1
65°	28.6	26.2	26.2	26.2	23.8	21.4	19.0	16.7	16.7	14.3	9.5
62.5°	30.9	28.6	28.6	26.2	23.8	21.4	19.0	16.7	16.7	14.3	9.5
60°	33.3	30.9	28.6	28.6	26.2	23.8	19.0	19.0	16.7	14.3	9.5
57.5°	35.7	33.3	33.3	30.9	28.6	26.2	21.4	19.0	16.7	14.3	11.9
55°	42.8	38.1	35.7	35.7	33.3	28.6	23.8	19.0	16.7	14.3	11.9
52.5°	57.1	45.2	40.5	40.5	38.1	33.3	26.2	21.4	16.7	14.3	11.9
50°	90.4	57.1	47.6	42.8	42.8	38.1	30.9	23.8	16.7	14.3	11.9
47.5°	142.8	95.2	57.1	50.0	47.6	45.2	35.7	23.8	19.0	14.3	11.9
45°	235.6	140.4	92.8	59.5	50.0	47.6	40.5	26.2	19.0	16.7	11.9
42.5°	323.6	218.9	142.8	71.4	59.5	52.4	42.8	28.6	21.4	16.7	11.9
40°	509.2	299.8	199.9	116.6	69.0	54.7	47.6	33.3	21.4	16.7	11.9
37.5°	690.1	397.4	268.9	171.3	78.5	61.9	50.0	35.7	23.8	16.7	14.3
35°	870.9	556.8	333.1	228.4	104.7	73.8	52.4	38.1	23.8	16.7	14.3
32.5°	1032.7	706.7	399.8	285.5	157.1	88.0	57.1	40.5	26.2	19.0	14.3
30°	1166.0	844.7	518.7	335.5	204.6	107.1	61.9	40.5	28.6	19.0	14.3
27.5°	1265.9	951.8	640.1	387.9	245.1	126.1	71.4	45.2	28.6	19.0	14.3
25°	1346.8	1035.1	747.2	442.6	280.8	157.1	85.7	47.6	30.9	21.4	14.3
22.5°	1411.1	1104.1	835.2	516.4	323.6	188.0	104.7	52.4	30.9	21.4	14.3
20°	1499.1	1173.1	894.7	594.9	368.8	216.5	121.4	57.1	30.9	21.4	16.7
17.5°	1575.3	1242.1	942.3	661.5	414.0	238.0	140.4	61.9	33.3	21.4	16.7
15°	1663.3	1308.8	985.1	713.9	456.9	257.0	157.1	66.6	33.3	23.8	16.7
12.5°	1758.5	1370.6	1016.1	756.7	502.1	273.6	171.3	76.1	35.7	23.8	16.7
10°	1856.1	1423.0	1042.2	787.6	535.4	290.3	180.8	85.7	38.1	23.8	16.7
7.5°	1953.6	1470.6	1075.6	801.9	549.7	309.3	185.6	95.2	38.1	26.2	16.7
5°	2020.2	1501.5	1123.2	811.4	556.8	330.8	192.7	107.1	40.5	26.2	16.7
2.5°	2077.4	1520.5	1173.1	818.6	559.2	342.7	190.4	114.2	42.8	26.2	16.7
0°	2103.5	1520.5	1206.4	813.8	552.1	354.6	190.4	121.4	42.8	26.2	16.7
-2.5°	2063.1	1563.4	1196.9	816.2	554.4	354.6	199.9	123.7	47.6	28.6	16.7
-5°	1998.8	1580.0	1168.4	804.3	549.7	354.6	211.8	126.1	50.0	28.6	19.0
-7.5°	1937.0	1587.2	1135.0	792.4	542.5	345.0	214.2	123.7	54.7	30.9	19.0
-10°	1856.1	1508.6	1092.2	771.0	528.3	337.9	218.9	123.7	57.1	30.9	19.0
-12.5°	1763.3	1413.5	1039.9	740.0	511.6	330.8	221.3	123.7	59.5	33.3	19.0
-15°	1656.2	1315.9	980.4	706.7	487.8	321.2	216.5	121.4	61.9	33.3	21.4
-17.5°	1534.8	1220.7	918.5	666.3	461.6	309.3	207.0	119.0	61.9	33.3	21.4
-20°	1396.8	1125.5	849.5	625.8	430.7	295.1	197.5	114.2	61.9	33.3	21.4

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CATALOG NUMBER: IFLD-M-SA4B-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1273.1	1037.5	778.1	580.6	397.4	278.4	185.6	109.5	61.9	35.7	21.4
-25°	1170.7	951.8	723.4	535.4	361.7	259.4	173.7	104.7	61.9	35.7	21.4
-27.5°	1063.7	859.0	666.3	492.6	337.9	242.7	161.8	99.9	59.5	35.7	21.4
-30°	954.2	768.6	606.8	445.0	314.1	226.1	152.3	92.8	59.5	35.7	21.4
-32.5°	854.3	694.8	552.1	397.4	287.9	209.4	142.8	90.4	57.1	35.7	21.4
-35°	756.7	628.2	494.9	359.3	259.4	192.7	133.3	88.0	57.1	35.7	21.4
-37.5°	675.8	566.3	442.6	333.1	242.7	178.5	123.7	83.3	54.7	35.7	21.4
-40°	609.2	509.2	392.6	304.6	228.4	164.2	114.2	80.9	54.7	35.7	21.4
-42.5°	547.3	454.5	361.7	280.8	214.2	154.7	107.1	78.5	52.4	35.7	21.4
-45°	492.6	406.9	330.8	259.4	197.5	142.8	102.3	73.8	50.0	35.7	23.8
-47.5°	437.8	373.6	302.2	240.3	180.8	128.5	97.6	71.4	47.6	33.3	23.8
-50°	395.0	337.9	278.4	218.9	164.2	123.7	92.8	66.6	47.6	33.3	23.8
-52.5°	356.9	304.6	252.2	197.5	149.9	116.6	88.0	61.9	45.2	33.3	23.8
-55°	321.2	273.6	226.1	176.1	140.4	109.5	80.9	57.1	45.2	33.3	23.8
-57.5°	285.5	245.1	199.9	159.4	128.5	102.3	76.1	57.1	45.2	33.3	23.8
-60°	257.0	218.9	180.8	147.5	119.0	92.8	69.0	54.7	42.8	33.3	23.8
-62.5°	233.2	197.5	164.2	133.3	109.5	83.3	66.6	54.7	42.8	33.3	21.4
-65°	209.4	178.5	147.5	121.4	97.6	78.5	64.2	52.4	42.8	33.3	21.4
-67.5°	185.6	157.1	133.3	107.1	90.4	76.1	61.9	52.4	40.5	30.9	21.4
-70°	161.8	138.0	116.6	99.9	85.7	71.4	59.5	50.0	40.5	28.6	19.0
-72.5°	142.8	121.4	104.7	92.8	80.9	69.0	57.1	47.6	38.1	26.2	16.7
-75°	121.4	107.1	95.2	83.3	73.8	64.2	54.7	42.8	33.3	23.8	16.7
-77.5°	102.3	92.8	83.3	76.1	66.6	57.1	47.6	38.1	30.9	21.4	14.3
-80°	88.0	80.9	73.8	66.6	59.5	50.0	42.8	33.3	26.2	19.0	11.9
-82.5°	71.4	66.6	59.5	54.7	50.0	42.8	35.7	28.6	19.0	14.3	9.5
-85°	54.7	50.0	47.6	42.8	38.1	30.9	23.8	19.0	14.3	9.5	4.8
-87.5°	28.6	26.2	23.8	21.4	19.0	14.3	11.9	9.5	7.1	4.8	2.4
-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: P722671

CATALOG NUMBER: IFLD-M-SA4B-930-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°	2.4	0.0	0.0	0.0
77.5°	2.4	0.0	0.0	0.0
75°	2.4	2.4	0.0	0.0
72.5°	2.4	2.4	0.0	0.0
70°	2.4	2.4	0.0	0.0
67.5°	4.8	2.4	0.0	0.0
65°	4.8	2.4	0.0	0.0
62.5°	4.8	2.4	0.0	0.0
60°	4.8	2.4	0.0	0.0
57.5°	7.1	2.4	2.4	0.0
55°	7.1	2.4	2.4	0.0
52.5°	7.1	2.4	2.4	0.0
50°	7.1	4.8	2.4	0.0
47.5°	7.1	4.8	2.4	0.0
45°	7.1	4.8	2.4	0.0
42.5°	7.1	4.8	2.4	0.0
40°	9.5	4.8	2.4	0.0
37.5°	9.5	4.8	2.4	0.0
35°	9.5	4.8	2.4	0.0
32.5°	9.5	4.8	2.4	0.0
30°	9.5	4.8	2.4	0.0
27.5°	9.5	7.1	2.4	0.0
25°	9.5	7.1	2.4	0.0
22.5°	11.9	7.1	2.4	0.0
20°	11.9	7.1	2.4	0.0
17.5°	11.9	7.1	2.4	0.0
15°	11.9	7.1	2.4	0.0
12.5°	11.9	7.1	2.4	0.0
10°	11.9	7.1	2.4	0.0
7.5°	11.9	7.1	2.4	0.0
5°	11.9	7.1	2.4	0.0
2.5°	11.9	7.1	2.4	0.0
0°	11.9	7.1	2.4	0.0
-2.5°	11.9	7.1	2.4	0.0
-5°	11.9	7.1	2.4	0.0
-7.5°	11.9	7.1	2.4	0.0
-10°	11.9	7.1	2.4	0.0
-12.5°	14.3	7.1	2.4	0.0
-15°	14.3	7.1	2.4	0.0
-17.5°	14.3	7.1	2.4	0.0
-20°	14.3	7.1	2.4	0.0

REPORT NUMBER: P722671

CATALOG NUMBER: IFLD-M-SA4B-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	14.3	7.1	2.4	0.0
-25°	14.3	7.1	2.4	0.0
-27.5°	14.3	7.1	2.4	0.0
-30°	14.3	7.1	2.4	0.0
-32.5°	14.3	7.1	2.4	0.0
-35°	14.3	7.1	2.4	0.0
-37.5°	14.3	7.1	2.4	0.0
-40°	14.3	7.1	2.4	0.0
-42.5°	11.9	7.1	2.4	0.0
-45°	14.3	7.1	2.4	0.0
-47.5°	14.3	7.1	2.4	0.0
-50°	14.3	7.1	2.4	0.0
-52.5°	14.3	7.1	2.4	0.0
-55°	14.3	7.1	2.4	0.0
-57.5°	14.3	7.1	2.4	0.0
-60°	14.3	7.1	2.4	0.0
-62.5°	11.9	7.1	2.4	0.0
-65°	11.9	4.8	2.4	0.0
-67.5°	11.9	4.8	2.4	0.0
-70°	11.9	4.8	2.4	0.0
-72.5°	9.5	4.8	2.4	0.0
-75°	9.5	4.8	2.4	0.0
-77.5°	7.1	2.4	0.0	0.0
-80°	7.1	2.4	0.0	0.0
-82.5°	4.8	2.4	0.0	0.0
-85°	2.4	2.4	0.0	0.0
-87.5°	2.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)