

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: P722468

Luminaire Tested: **IFLD-M-SA4B-735-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722468
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-735-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23034.1 lumens	Max Intensity:	16080.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	138.7 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:	14694.7 lumens	Field Lumens:	21715.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

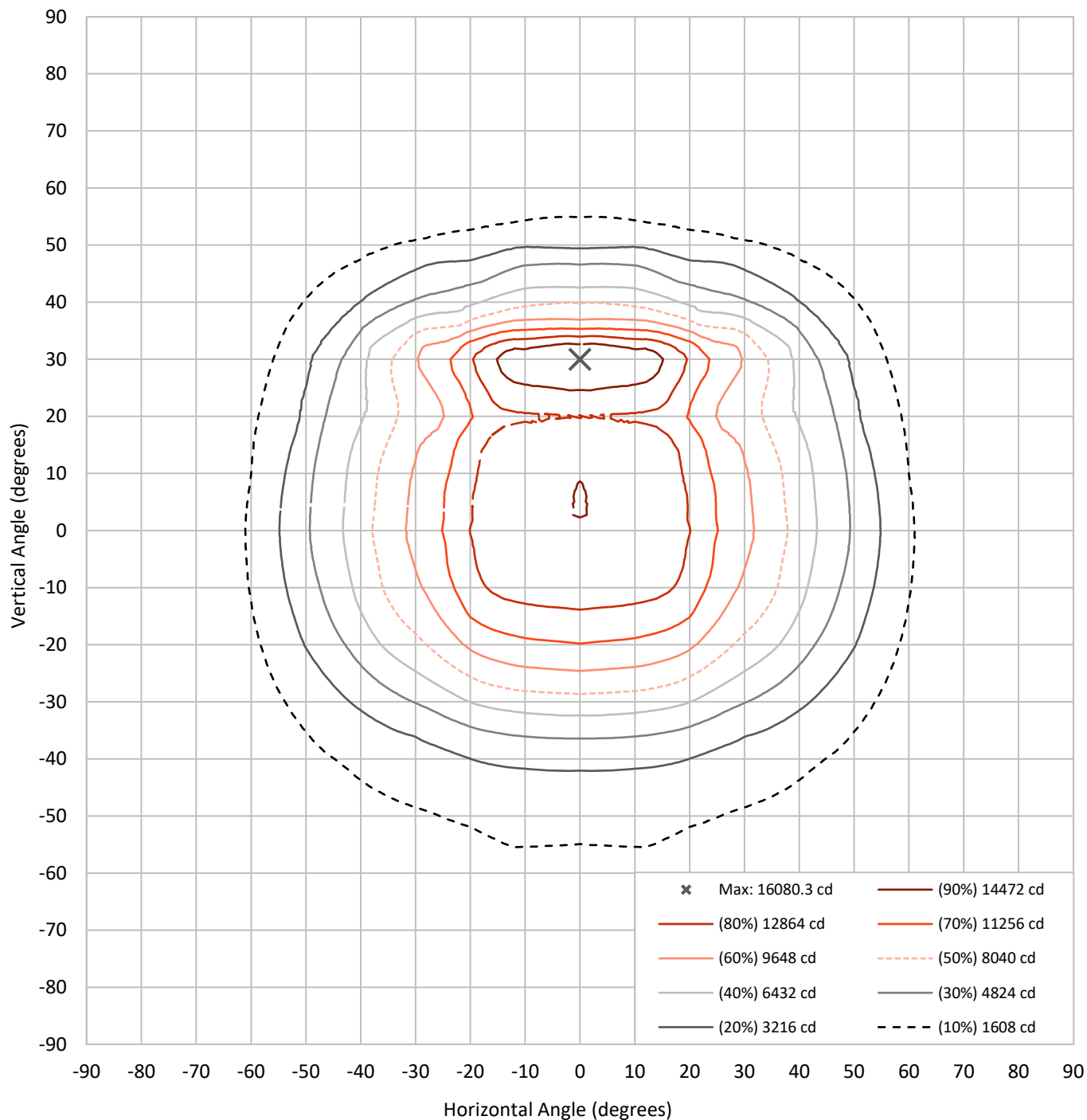
Input Watts (W): 166.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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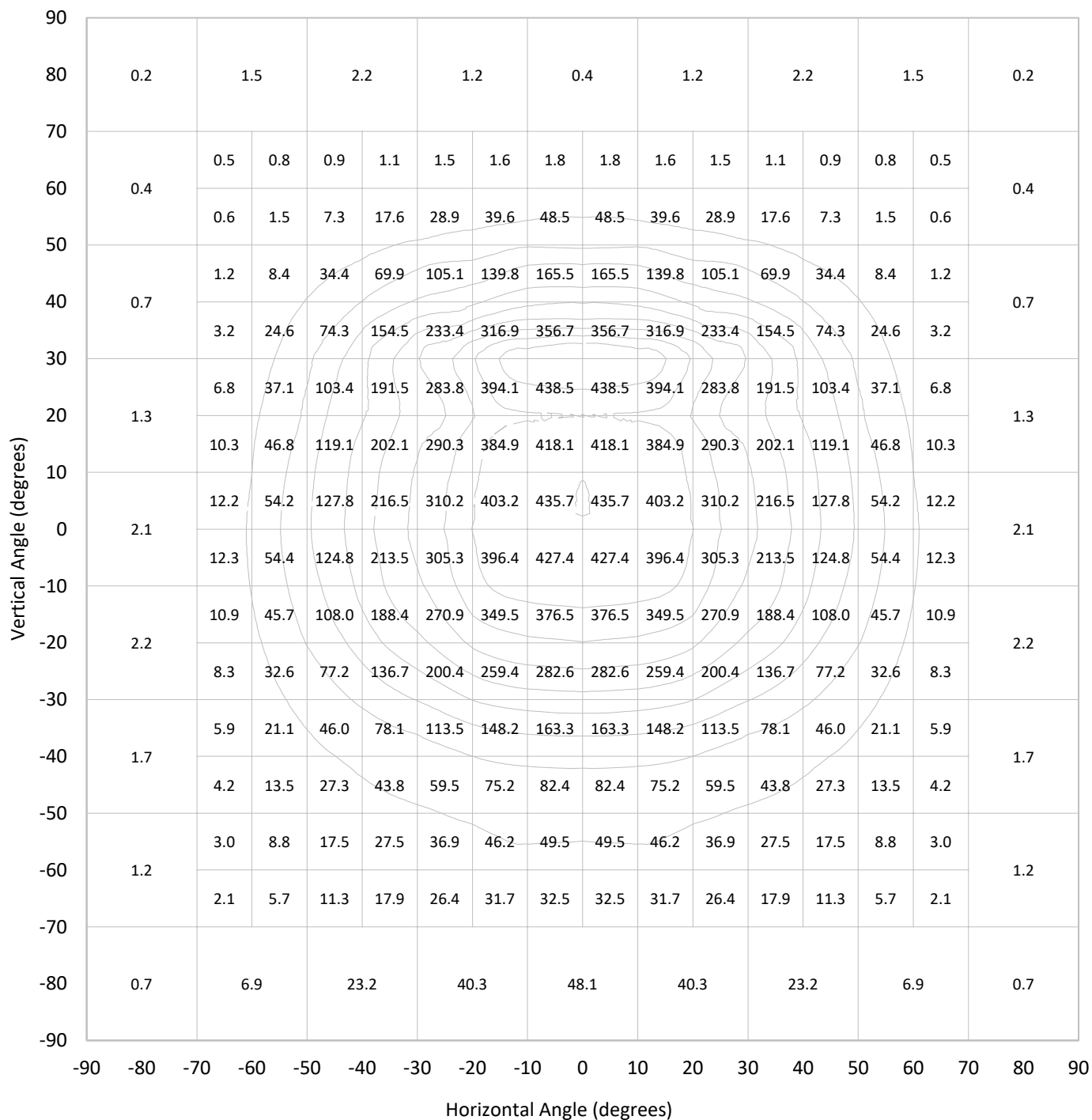
Iso-Candela Plot



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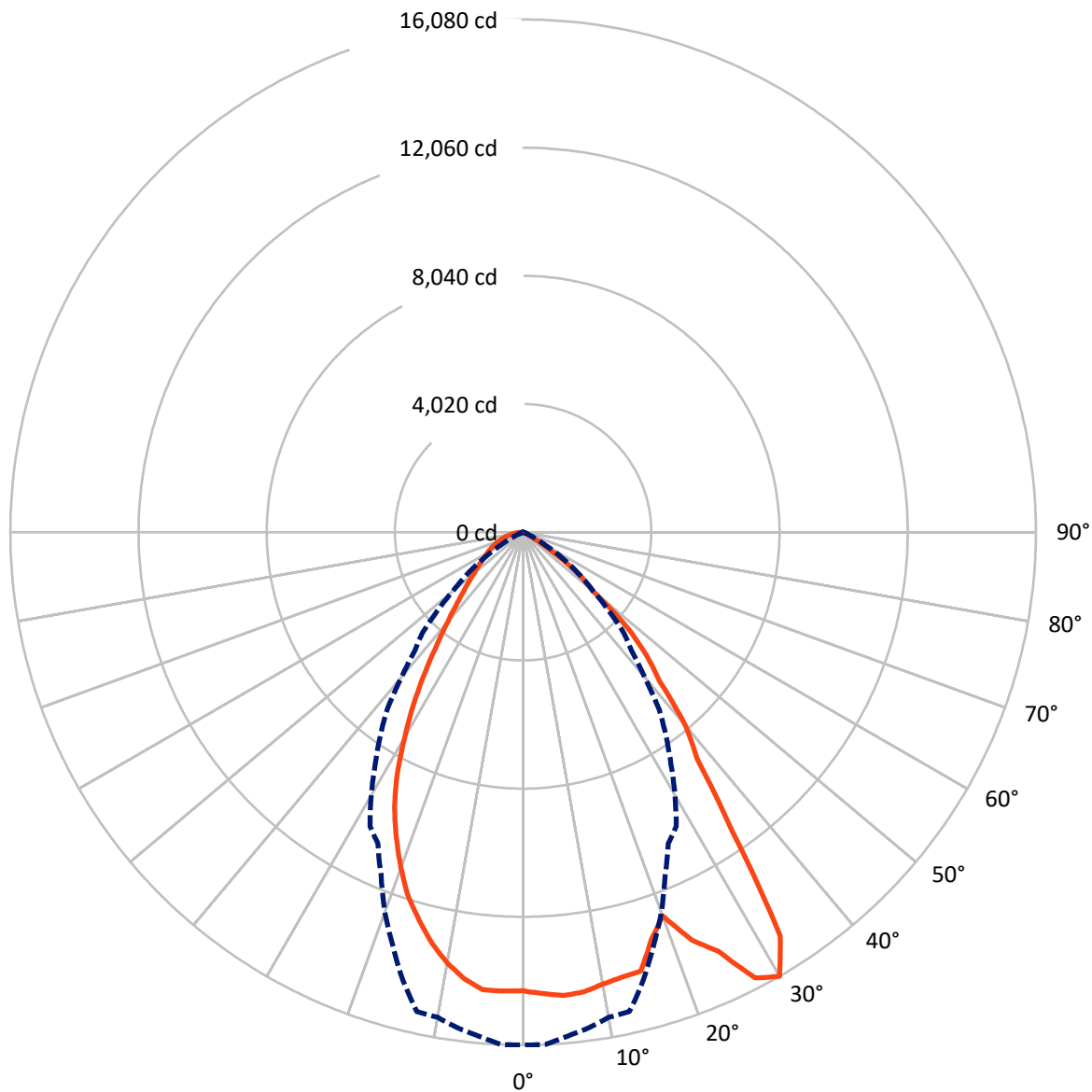
Lumen Table



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Luminous Intensity Polar Plot

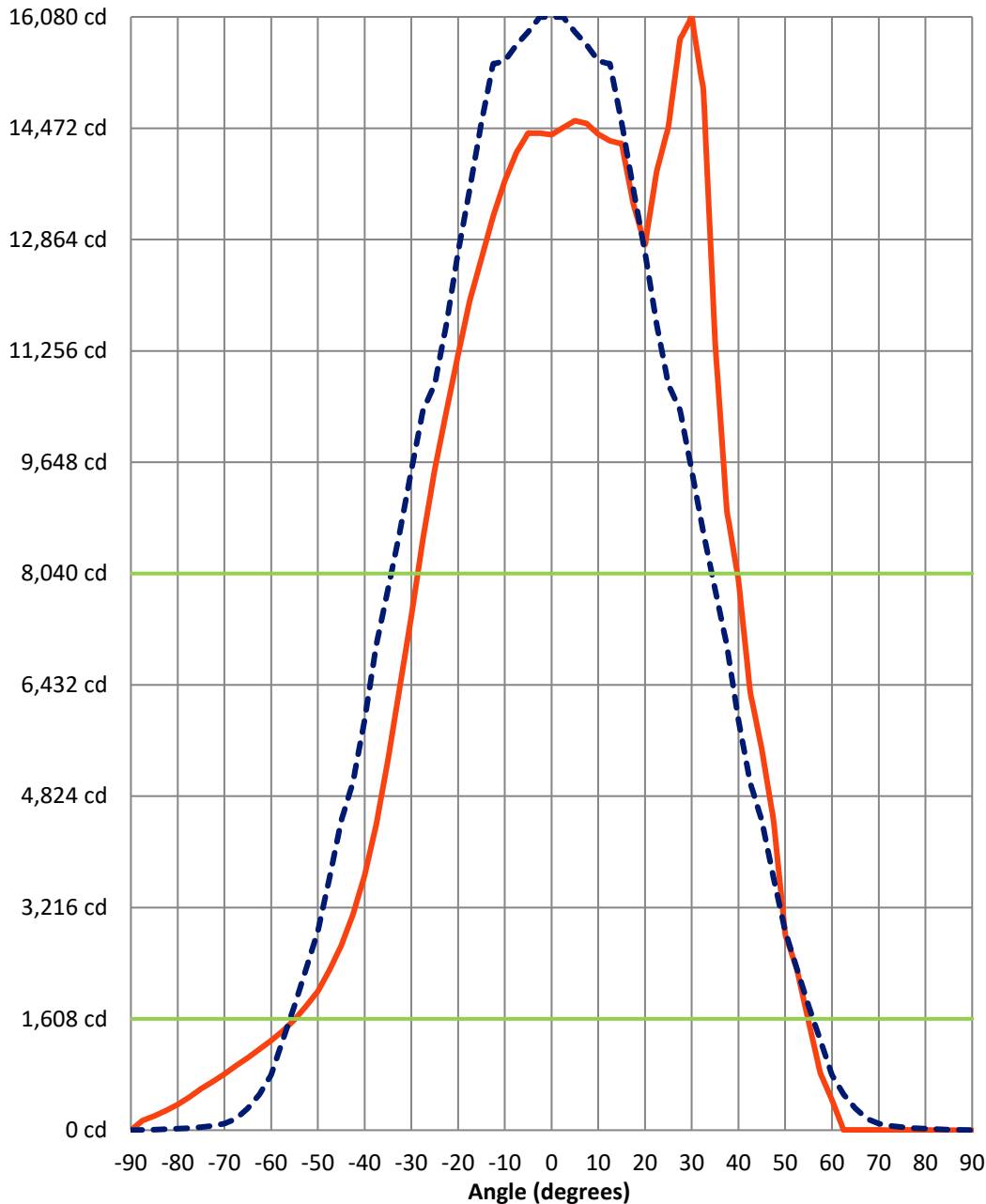


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°
V Angle: 68.4°
Lumens: 14694.7
Efficiency: 63.8%

Field:

H Angle: 111.9°
V Angle: 109.7°
Lumens: 21715.9
Efficiency: 94.3%

Spill:

Lumens: 1318.1
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	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	0.0	3.7	3.7	3.7	7.3	7.3	7.3	7.3	7.3	7.3	11.0
82.5°	0.0	3.7	3.7	3.7	7.3	7.3	7.3	7.3	11.0	11.0	14.7
80°	3.7	3.7	3.7	3.7	7.3	7.3	7.3	11.0	11.0	14.7	14.7
77.5°	3.7	3.7	3.7	7.3	7.3	7.3	11.0	11.0	14.7	14.7	18.3
75°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	11.0	14.7	14.7	18.3
72.5°	0.0	3.7	3.7	7.3	7.3	11.0	11.0	11.0	14.7	14.7	14.7
70°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	11.0	14.7	14.7	14.7
67.5°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	14.7	14.7	14.7	18.3
65°	3.7	3.7	3.7	7.3	11.0	11.0	14.7	18.3	18.3	22.0	25.7
62.5°	3.7	7.3	7.3	11.0	14.7	18.3	40.3	62.3	62.3	44.0	36.7
60°	436.4	473.1	469.4	425.4	370.4	311.7	300.7	289.7	267.7	234.7	245.7
57.5°	828.8	872.8	891.1	880.1	850.8	799.4	770.1	737.1	693.1	641.7	583.1
55°	1569.5	1587.9	1547.5	1470.5	1386.2	1301.8	1272.5	1228.5	1162.5	1096.5	1008.5
52.5°	2321.3	2383.6	2365.3	2288.3	2174.6	2024.3	1859.2	1730.9	1653.9	1580.5	1492.5
50°	2834.7	2860.4	2911.7	3003.4	3036.4	2933.7	2666.0	2321.3	2075.6	2200.3	2104.9
47.5°	4473.9	4602.2	4576.6	4510.6	4400.5	4121.8	3747.8	3439.8	3183.1	3098.7	3113.4
45°	5497.0	5548.4	5530.0	5500.7	5449.3	5189.0	4774.6	4301.5	4063.2	3967.8	3868.8
42.5°	6336.8	6391.8	6402.8	6406.5	6351.5	6113.1	5739.0	5266.0	5027.6	4752.6	4536.2
40°	7939.3	8020.0	7928.3	7807.3	7623.9	7352.6	6985.9	6549.5	6127.8	5790.4	5533.7
37.5°	8962.4	9061.5	9098.1	9090.8	9050.5	8933.1	8482.1	8067.7	7422.3	6666.8	6802.5
35°	11390.1	11492.8	11463.4	11353.4	11294.7	11170.1	10730.0	10238.6	9428.2	8606.7	8386.7
32.5°	15009.5	15233.2	14815.2	14356.8	14074.4	14173.4	13726.0	12523.2	12149.2	10667.7	9981.9
30°	16080.3	16076.7	15864.0	15676.9	15445.9	15398.2	14554.8	13594.0	12677.2	11639.4	10774.0
27.5°	15754.0	15687.9	15508.3	15372.6	15156.2	15042.5	14217.4	13454.7	12394.9	11467.1	10631.0
25°	14496.1	14547.5	14364.1	14338.4	14254.1	14034.1	13623.4	12765.2	11819.1	10792.3	10190.9
22.5°	13847.1	13828.7	13608.7	13480.3	13583.0	13348.3	13183.3	12317.9	11331.4	10466.0	9743.5
20°	12790.9	12794.6	12739.6	12728.6	12666.2	12559.9	12427.9	11815.5	11118.7	10378.0	9508.8
17.5°	13381.3	13531.7	13597.7	13051.3	13205.3	13084.3	12944.9	12090.5	11566.1	10909.7	9776.5
15°	14246.8	14191.8	14125.8	14096.4	14012.1	13898.4	13645.4	12963.3	12061.2	11382.7	10499.0
12.5°	14290.8	14184.4	14158.8	14155.1	14067.1	13909.4	13663.7	13099.0	12299.5	11474.4	10755.7
10°	14386.1	14276.1	14261.4	14279.8	14144.1	14045.1	13799.4	13275.0	12372.9	11632.1	10953.7
7.5°	14540.1	14356.8	14441.1	14386.1	14323.8	14166.1	13902.1	13388.7	12640.6	11841.1	11129.7
5°	14580.5	14378.8	14470.5	14419.1	14327.4	14173.4	13887.4	13462.0	12805.6	11925.5	11199.4
2.5°	14481.5	14422.8	14382.4	14287.1	14246.8	14078.1	13806.7	13352.0	12728.6	11888.8	11184.7
0°	14378.8	14430.1	14338.4	14243.1	14224.8	14089.1	13858.1	13447.3	12908.3	11991.5	11309.4
-2.5°	14400.8	14360.4	14298.1	14199.1	14103.7	13909.4	13700.4	13315.3	12735.9	11767.8	11133.4
-5°	14400.8	14213.8	14221.1	14224.8	14129.4	13927.7	13674.7	13348.3	12633.2	11764.1	11082.0
-7.5°	14122.1	13960.7	13935.1	13913.1	13887.4	13700.4	13502.3	13095.3	12460.9	11668.8	10939.0
-10°	13711.4	13553.7	13568.3	13535.3	13454.7	13330.0	13179.6	12812.9	12292.2	11368.1	10649.3
-12.5°	13198.0	13128.3	13088.0	13032.9	12952.3	12842.3	12688.2	12343.5	11786.1	10997.7	10315.6
-15°	12589.2	12537.9	12501.2	12468.2	12350.9	12237.2	12035.5	11716.5	11368.1	10521.0	9824.2
-17.5°	11980.5	11852.1	11800.8	11756.8	11679.8	11496.4	11313.1	11074.7	10587.0	9915.9	9318.2
-20°	11199.4	11122.4	11060.0	11001.4	10891.4	10748.3	10598.0	10322.9	9901.2	9358.5	8738.8

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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°	10381.6	10337.6	10286.3	10212.9	10139.6	10003.9	9794.9	9530.8	9200.8	8614.1	8034.7
-25°	9538.2	9453.8	9391.5	9321.8	9263.1	9138.5	8936.8	8683.7	8269.4	7763.3	7279.2
-27.5°	8544.4	8463.7	8430.7	8350.0	8298.7	8185.0	7983.3	7748.6	7374.6	6949.2	6457.8
-30°	7422.3	7436.9	7400.3	7323.2	7260.9	7114.2	6960.2	6762.2	6468.8	6061.8	5621.7
-32.5°	6384.5	6402.8	6358.8	6278.1	6197.4	6091.1	5948.1	5768.4	5548.4	5159.6	4778.3
-35°	5346.7	5339.3	5302.7	5255.0	5200.0	5112.0	4950.6	4814.9	4561.9	4290.5	4026.5
-37.5°	4415.2	4433.5	4422.5	4396.9	4334.5	4261.2	4129.2	4004.5	3817.5	3579.1	3373.8
-40°	3678.1	3700.1	3685.5	3659.8	3604.8	3560.8	3472.8	3362.8	3212.4	3007.0	2834.7
-42.5°	3113.4	3128.1	3109.7	3087.7	3040.0	3007.0	2937.4	2845.7	2721.0	2563.3	2409.3
-45°	2666.0	2669.7	2651.3	2636.7	2600.0	2559.7	2501.0	2427.6	2328.6	2218.6	2093.9
-47.5°	2314.0	2310.3	2292.0	2277.3	2247.9	2211.3	2163.6	2097.6	2020.6	1936.2	1837.2
-50°	2005.9	2024.3	2016.9	2002.2	1980.2	1954.6	1906.9	1837.2	1760.2	1697.9	1628.2
-52.5°	1793.2	1796.9	1793.2	1793.2	1789.6	1771.2	1716.2	1646.5	1562.2	1507.2	1448.5
-55°	1595.2	1613.5	1620.9	1628.2	1631.9	1631.9	1565.9	1492.5	1411.8	1356.8	1312.8
-57.5°	1433.8	1444.8	1452.2	1470.5	1485.2	1496.2	1437.5	1371.5	1309.2	1257.8	1217.5
-60°	1294.5	1309.2	1320.2	1338.5	1349.5	1356.8	1320.2	1276.2	1239.5	1206.5	1147.8
-62.5°	1169.8	1180.8	1191.8	1202.8	1213.8	1221.2	1206.5	1184.5	1166.1	1151.5	1078.1
-65°	1045.1	1056.1	1067.1	1081.8	1092.8	1100.1	1096.5	1081.8	1067.1	1052.5	986.5
-67.5°	931.4	942.5	957.1	960.8	968.1	971.8	964.5	953.5	935.1	916.8	865.4
-70°	810.4	817.8	825.1	825.1	825.1	821.4	814.1	799.4	781.1	755.4	715.1
-72.5°	700.4	707.8	715.1	704.1	696.8	685.8	674.8	656.4	638.1	619.7	597.7
-75°	597.7	601.4	601.4	586.7	575.7	564.7	550.1	539.1	520.7	506.1	487.7
-77.5°	476.7	476.7	476.7	465.7	458.4	451.1	440.1	429.1	414.4	403.4	388.7
-80°	370.4	370.4	370.4	366.7	355.7	348.4	341.0	333.7	322.7	315.4	308.0
-82.5°	282.4	282.4	282.4	278.7	271.4	267.7	260.4	253.0	249.4	242.0	238.4
-85°	205.4	209.0	209.0	205.4	201.7	194.4	190.7	187.0	183.4	179.7	172.4
-87.5°	139.4	139.4	139.4	135.7	132.0	132.0	128.3	121.0	113.7	110.0	106.3
-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	11.0	11.0	11.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	11.0
82.5°	18.3	18.3	22.0	22.0	25.7	25.7	25.7	25.7	25.7	25.7	25.7
80°	18.3	22.0	25.7	29.3	33.0	36.7	36.7	36.7	36.7	33.0	33.0
77.5°	22.0	22.0	25.7	29.3	33.0	36.7	40.3	44.0	40.3	40.3	40.3
75°	22.0	25.7	25.7	29.3	33.0	36.7	40.3	44.0	44.0	44.0	44.0
72.5°	18.3	22.0	25.7	29.3	29.3	33.0	36.7	36.7	40.3	40.3	44.0
70°	18.3	22.0	25.7	25.7	29.3	29.3	33.0	36.7	36.7	40.3	40.3
67.5°	22.0	25.7	25.7	29.3	33.0	33.0	33.0	36.7	36.7	40.3	40.3
65°	25.7	29.3	29.3	33.0	36.7	36.7	40.3	40.3	40.3	44.0	44.0
62.5°	44.0	44.0	44.0	40.3	44.0	44.0	44.0	47.7	47.7	44.0	47.7
60°	227.4	165.0	113.7	143.0	128.3	58.7	58.7	58.7	55.0	55.0	51.3
57.5°	535.4	498.7	429.1	363.0	326.4	289.7	179.7	73.3	73.3	66.0	58.7
55°	894.8	773.8	722.4	634.4	539.1	495.1	410.7	278.7	132.0	88.0	77.0
52.5°	1386.2	1272.5	1140.5	960.8	832.4	729.8	660.1	524.4	352.0	187.0	117.3
50°	1855.6	1804.2	1723.5	1547.5	1279.8	1107.5	993.8	839.8	630.7	385.0	220.0
47.5°	2988.7	2559.7	2299.3	2163.6	1939.9	1613.5	1393.5	1221.2	968.1	649.1	388.7
45°	3762.5	3491.1	3076.7	2790.7	2460.6	2115.9	1829.9	1631.9	1331.2	971.8	608.7
42.5°	4426.2	4191.5	3817.5	3399.4	3051.0	2600.0	2233.3	1972.9	1719.9	1327.5	909.4
40°	5280.7	5002.0	4642.6	4235.5	3828.5	3252.7	2658.7	2343.3	2064.6	1716.2	1228.5
37.5°	6688.8	6197.4	5610.7	5159.6	4627.9	4140.2	3326.1	2768.7	2438.6	2075.6	1602.5
35°	8383.0	7844.0	6864.9	6267.1	5555.7	4829.6	4096.2	3271.1	2801.7	2416.6	1947.2
32.5°	9959.9	9171.5	7917.3	7216.9	6743.8	5405.3	4646.2	3931.2	3175.7	2702.7	2145.3
30°	10396.3	9527.2	8628.7	7811.0	7004.2	5922.4	5024.0	4466.6	3645.1	2875.0	2332.3
27.5°	9956.2	9358.5	8661.7	7902.6	7029.9	6102.1	5255.0	4723.3	3989.8	2992.4	2479.0
25°	9508.8	8885.4	8397.7	7763.3	6956.5	6091.1	5262.3	4884.6	4257.5	3219.7	2559.7
22.5°	9035.8	8647.1	8243.7	7535.9	6773.2	6124.1	5500.7	5024.0	4396.9	3476.4	2592.7
20°	9061.5	8808.4	8364.7	7418.6	6740.2	6318.5	5786.7	5200.0	4547.2	3700.1	2618.3
17.5°	9472.2	9142.1	8584.7	7763.3	7037.2	6516.5	6025.1	5442.0	4701.2	3898.2	2930.0
15°	9978.2	9475.8	8892.8	8170.3	7348.9	6732.8	6208.4	5610.7	4877.3	4081.5	3208.7
12.5°	10344.9	9629.9	9083.5	8430.7	7686.3	6967.5	6329.5	5739.0	5042.3	4231.9	3417.8
10°	10469.6	9820.6	9175.1	8592.1	7858.6	7092.2	6421.1	5819.7	5185.3	4349.2	3571.8
7.5°	10535.6	9985.6	9237.5	8665.4	7961.3	7169.2	6494.5	5863.7	5299.0	4429.9	3670.8
5°	10528.3	10073.6	9285.2	8687.4	8016.3	7202.2	6545.8	5874.7	5379.7	4499.6	3729.5
2.5°	10495.3	10132.3	9362.2	8724.1	8126.3	7264.6	6644.8	5896.7	5409.0	4576.6	3769.8
0°	10616.3	10135.9	9442.8	8735.1	8199.7	7286.6	6688.8	5878.4	5368.7	4598.6	3766.1
-2.5°	10356.0	9919.6	9424.5	8639.7	8100.7	7235.2	6608.2	5819.7	5280.7	4572.9	3751.5
-5°	10311.9	9761.9	9270.5	8551.7	7935.7	7128.9	6457.8	5709.7	5141.3	4488.6	3692.8
-7.5°	10194.6	9611.5	9120.1	8482.1	7781.6	7018.9	6314.8	5596.0	4991.0	4356.5	3608.4
-10°	9937.9	9380.5	8958.8	8331.7	7594.6	6861.2	6142.4	5445.7	4814.9	4176.9	3476.4
-12.5°	9571.2	9013.8	8595.7	8012.7	7359.9	6648.5	5937.1	5251.3	4613.2	3986.2	3318.7
-15°	9156.8	8592.1	8174.0	7642.3	7011.5	6318.5	5676.7	5005.6	4382.2	3784.5	3131.7
-17.5°	8687.4	8152.0	7748.6	7231.6	6604.5	5944.4	5306.3	4697.6	4114.5	3575.4	2915.4
-20°	8144.7	7623.9	7253.6	6736.5	6160.8	5519.0	4899.3	4323.5	3799.1	3293.1	2677.0

REPORT NUMBER: P722468

CATALOG NUMBER: IFLD-M-SA4B-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°	7473.6	7015.2	6593.5	6131.4	5629.0	5042.3	4466.6	3956.8	3454.4	2959.4	2431.3
-25°	6787.8	6344.1	5933.4	5511.7	5031.3	4525.2	4033.8	3571.8	3080.4	2633.0	2192.9
-27.5°	6025.1	5629.0	5262.3	4873.6	4433.5	3997.2	3593.8	3142.7	2717.3	2336.0	1958.2
-30°	5211.0	4888.3	4569.2	4224.5	3868.8	3502.1	3142.7	2717.3	2383.6	2079.3	1760.2
-32.5°	4429.9	4140.2	3883.5	3626.8	3318.7	3018.0	2699.0	2383.6	2104.9	1837.2	1569.5
-35°	3744.1	3436.1	3293.1	3087.7	2842.0	2570.7	2310.3	2090.3	1866.6	1624.5	1386.2
-37.5°	3150.1	2952.0	2783.3	2629.3	2435.0	2200.3	2013.2	1833.6	1646.5	1426.5	1221.2
-40°	2684.3	2541.3	2372.6	2258.9	2101.3	1932.6	1745.5	1595.2	1437.5	1257.8	1089.1
-42.5°	2310.3	2192.9	2082.9	1961.9	1844.6	1701.5	1540.2	1397.2	1254.2	1122.1	982.8
-45°	2002.2	1917.9	1829.9	1730.9	1628.2	1503.5	1371.5	1224.8	1122.1	1004.8	887.4
-47.5°	1749.2	1686.9	1613.5	1536.5	1448.5	1338.5	1217.5	1111.1	1004.8	905.8	792.1
-50°	1547.5	1488.9	1430.2	1364.2	1287.2	1191.8	1100.1	1001.1	902.1	806.8	700.4
-52.5°	1378.8	1327.5	1279.8	1224.8	1151.5	1070.8	986.5	898.4	806.8	711.4	627.1
-55°	1261.5	1202.8	1155.1	1100.1	1034.1	957.1	880.1	799.4	711.4	638.1	568.4
-57.5°	1166.1	1100.1	1045.1	986.5	920.4	854.4	784.8	711.4	645.4	575.7	509.7
-60°	1085.5	1008.5	946.1	887.4	825.1	762.8	704.1	641.7	579.4	517.1	451.1
-62.5°	1001.1	920.4	843.4	788.4	740.8	685.8	634.4	575.7	520.7	458.4	410.7
-65°	905.8	828.8	755.4	707.8	663.7	616.1	568.4	517.1	469.4	421.7	377.7
-67.5°	799.4	733.4	682.1	638.1	594.1	553.7	509.7	465.7	425.4	377.7	333.7
-70°	671.1	634.4	605.1	572.1	531.7	495.1	454.7	414.4	370.4	330.0	289.7
-72.5°	572.1	550.1	528.1	495.1	458.4	425.4	392.4	355.7	319.0	282.4	249.4
-75°	469.4	451.1	432.7	410.7	381.4	355.7	326.4	293.4	264.0	238.4	212.7
-77.5°	377.7	363.0	352.0	333.7	311.7	289.7	271.4	249.4	227.4	201.7	176.0
-80°	300.7	293.4	289.7	282.4	264.0	245.7	231.0	212.7	190.7	172.4	154.0
-82.5°	234.7	234.7	231.0	227.4	212.7	198.0	187.0	172.4	157.7	143.0	124.7
-85°	172.4	168.7	168.7	165.0	154.0	146.7	135.7	128.3	117.3	102.7	95.3
-87.5°	102.7	99.0	95.3	91.7	84.3	80.7	73.3	69.7	62.3	55.0	51.3
-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):

	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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
85°	11.0	7.3	7.3	7.3	7.3	7.3	3.7	3.7	3.7	3.7	3.7
82.5°	22.0	22.0	18.3	18.3	14.7	11.0	7.3	7.3	7.3	3.7	3.7
80°	33.0	33.0	33.0	29.3	25.7	18.3	14.7	11.0	7.3	3.7	3.7
77.5°	40.3	36.7	36.7	33.0	33.0	29.3	22.0	18.3	11.0	7.3	3.7
75°	40.3	40.3	40.3	36.7	36.7	33.0	29.3	22.0	18.3	11.0	7.3
72.5°	44.0	40.3	40.3	40.3	36.7	33.0	29.3	25.7	22.0	14.7	7.3
70°	40.3	40.3	40.3	40.3	36.7	36.7	29.3	25.7	25.7	14.7	11.0
67.5°	40.3	40.3	40.3	36.7	36.7	33.0	29.3	25.7	25.7	18.3	11.0
65°	44.0	40.3	40.3	40.3	36.7	33.0	29.3	25.7	25.7	22.0	14.7
62.5°	47.7	44.0	44.0	40.3	36.7	33.0	29.3	25.7	25.7	22.0	14.7
60°	51.3	47.7	44.0	44.0	40.3	36.7	29.3	29.3	25.7	22.0	14.7
57.5°	55.0	51.3	51.3	47.7	44.0	40.3	33.0	29.3	25.7	22.0	18.3
55°	66.0	58.7	55.0	55.0	51.3	44.0	36.7	29.3	25.7	22.0	18.3
52.5°	88.0	69.7	62.3	62.3	58.7	51.3	40.3	33.0	25.7	22.0	18.3
50°	139.4	88.0	73.3	66.0	66.0	58.7	47.7	36.7	25.7	22.0	18.3
47.5°	220.0	146.7	88.0	77.0	73.3	69.7	55.0	36.7	29.3	22.0	18.3
45°	363.0	216.4	143.0	91.7	77.0	73.3	62.3	40.3	29.3	25.7	18.3
42.5°	498.7	337.4	220.0	110.0	91.7	80.7	66.0	44.0	33.0	25.7	18.3
40°	784.8	462.1	308.0	179.7	106.3	84.3	73.3	51.3	33.0	25.7	18.3
37.5°	1063.5	612.4	414.4	264.0	121.0	95.3	77.0	55.0	36.7	25.7	22.0
35°	1342.2	858.1	513.4	352.0	161.4	113.7	80.7	58.7	36.7	25.7	22.0
32.5°	1591.5	1089.1	616.1	440.1	242.0	135.7	88.0	62.3	40.3	29.3	22.0
30°	1796.9	1301.8	799.4	517.1	315.4	165.0	95.3	62.3	44.0	29.3	22.0
27.5°	1950.9	1466.8	986.5	597.7	377.7	194.4	110.0	69.7	44.0	29.3	22.0
25°	2075.6	1595.2	1151.5	682.1	432.7	242.0	132.0	73.3	47.7	33.0	22.0
22.5°	2174.6	1701.5	1287.2	795.8	498.7	289.7	161.4	80.7	47.7	33.0	22.0
20°	2310.3	1807.9	1378.8	916.8	568.4	333.7	187.0	88.0	47.7	33.0	25.7
17.5°	2427.6	1914.2	1452.2	1019.5	638.1	366.7	216.4	95.3	51.3	33.0	25.7
15°	2563.3	2016.9	1518.2	1100.1	704.1	396.0	242.0	102.7	51.3	36.7	25.7
12.5°	2710.0	2112.3	1565.9	1166.1	773.8	421.7	264.0	117.3	55.0	36.7	25.7
10°	2860.4	2192.9	1606.2	1213.8	825.1	447.4	278.7	132.0	58.7	36.7	25.7
7.5°	3010.7	2266.3	1657.5	1235.8	847.1	476.7	286.0	146.7	58.7	40.3	25.7
5°	3113.4	2314.0	1730.9	1250.5	858.1	509.7	297.0	165.0	62.3	40.3	25.7
2.5°	3201.4	2343.3	1807.9	1261.5	861.8	528.1	293.4	176.0	66.0	40.3	25.7
0°	3241.7	2343.3	1859.2	1254.2	850.8	546.4	293.4	187.0	66.0	40.3	25.7
-2.5°	3179.4	2409.3	1844.6	1257.8	854.4	546.4	308.0	190.7	73.3	44.0	25.7
-5°	3080.4	2435.0	1800.6	1239.5	847.1	546.4	326.4	194.4	77.0	44.0	29.3
-7.5°	2985.0	2446.0	1749.2	1221.2	836.1	531.7	330.0	190.7	84.3	47.7	29.3
-10°	2860.4	2325.0	1683.2	1188.1	814.1	520.7	337.4	190.7	88.0	47.7	29.3
-12.5°	2717.3	2178.3	1602.5	1140.5	788.4	509.7	341.0	190.7	91.7	51.3	29.3
-15°	2552.3	2027.9	1510.9	1089.1	751.8	495.1	333.7	187.0	95.3	51.3	33.0
-17.5°	2365.3	1881.2	1415.5	1026.8	711.4	476.7	319.0	183.4	95.3	51.3	33.0
-20°	2152.6	1734.5	1309.2	964.5	663.7	454.7	304.4	176.0	95.3	51.3	33.0



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1961.9	1598.9	1199.1	894.8	612.4	429.1	286.0	168.7	95.3	55.0	33.0
-25°	1804.2	1466.8	1114.8	825.1	557.4	399.7	267.7	161.4	95.3	55.0	33.0
-27.5°	1639.2	1323.8	1026.8	759.1	520.7	374.0	249.4	154.0	91.7	55.0	33.0
-30°	1470.5	1184.5	935.1	685.8	484.1	348.4	234.7	143.0	91.7	55.0	33.0
-32.5°	1316.5	1070.8	850.8	612.4	443.7	322.7	220.0	139.4	88.0	55.0	33.0
-35°	1166.1	968.1	762.8	553.7	399.7	297.0	205.4	135.7	88.0	55.0	33.0
-37.5°	1041.5	872.8	682.1	513.4	374.0	275.0	190.7	128.3	84.3	55.0	33.0
-40°	938.8	784.8	605.1	469.4	352.0	253.0	176.0	124.7	84.3	55.0	33.0
-42.5°	843.4	700.4	557.4	432.7	330.0	238.4	165.0	121.0	80.7	55.0	33.0
-45°	759.1	627.1	509.7	399.7	304.4	220.0	157.7	113.7	77.0	55.0	36.7
-47.5°	674.8	575.7	465.7	370.4	278.7	198.0	150.4	110.0	73.3	51.3	36.7
-50°	608.7	520.7	429.1	337.4	253.0	190.7	143.0	102.7	73.3	51.3	36.7
-52.5°	550.1	469.4	388.7	304.4	231.0	179.7	135.7	95.3	69.7	51.3	36.7
-55°	495.1	421.7	348.4	271.4	216.4	168.7	124.7	88.0	69.7	51.3	36.7
-57.5°	440.1	377.7	308.0	245.7	198.0	157.7	117.3	88.0	69.7	51.3	36.7
-60°	396.0	337.4	278.7	227.4	183.4	143.0	106.3	84.3	66.0	51.3	36.7
-62.5°	359.4	304.4	253.0	205.4	168.7	128.3	102.7	84.3	66.0	51.3	33.0
-65°	322.7	275.0	227.4	187.0	150.4	121.0	99.0	80.7	66.0	51.3	33.0
-67.5°	286.0	242.0	205.4	165.0	139.4	117.3	95.3	80.7	62.3	47.7	33.0
-70°	249.4	212.7	179.7	154.0	132.0	110.0	91.7	77.0	62.3	44.0	29.3
-72.5°	220.0	187.0	161.4	143.0	124.7	106.3	88.0	73.3	58.7	40.3	25.7
-75°	187.0	165.0	146.7	128.3	113.7	99.0	84.3	66.0	51.3	36.7	25.7
-77.5°	157.7	143.0	128.3	117.3	102.7	88.0	73.3	58.7	47.7	33.0	22.0
-80°	135.7	124.7	113.7	102.7	91.7	77.0	66.0	51.3	40.3	29.3	18.3
-82.5°	110.0	102.7	91.7	84.3	77.0	66.0	55.0	44.0	29.3	22.0	14.7
-85°	84.3	77.0	73.3	66.0	58.7	47.7	36.7	29.3	22.0	14.7	7.3
-87.5°	44.0	40.3	36.7	33.0	29.3	22.0	18.3	14.7	11.0	7.3	3.7
-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-SA4B-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°	3.7	0.0	0.0	0.0
77.5°	3.7	0.0	0.0	0.0
75°	3.7	3.7	0.0	0.0
72.5°	3.7	3.7	0.0	0.0
70°	3.7	3.7	0.0	0.0
67.5°	7.3	3.7	0.0	0.0
65°	7.3	3.7	0.0	0.0
62.5°	7.3	3.7	0.0	0.0
60°	7.3	3.7	0.0	0.0
57.5°	11.0	3.7	3.7	0.0
55°	11.0	3.7	3.7	0.0
52.5°	11.0	3.7	3.7	0.0
50°	11.0	7.3	3.7	0.0
47.5°	11.0	7.3	3.7	0.0
45°	11.0	7.3	3.7	0.0
42.5°	11.0	7.3	3.7	0.0
40°	14.7	7.3	3.7	0.0
37.5°	14.7	7.3	3.7	0.0
35°	14.7	7.3	3.7	0.0
32.5°	14.7	7.3	3.7	0.0
30°	14.7	7.3	3.7	0.0
27.5°	14.7	11.0	3.7	0.0
25°	14.7	11.0	3.7	0.0
22.5°	18.3	11.0	3.7	0.0
20°	18.3	11.0	3.7	0.0
17.5°	18.3	11.0	3.7	0.0
15°	18.3	11.0	3.7	0.0
12.5°	18.3	11.0	3.7	0.0
10°	18.3	11.0	3.7	0.0
7.5°	18.3	11.0	3.7	0.0
5°	18.3	11.0	3.7	0.0
2.5°	18.3	11.0	3.7	0.0
0°	18.3	11.0	3.7	0.0
-2.5°	18.3	11.0	3.7	0.0
-5°	18.3	11.0	3.7	0.0
-7.5°	18.3	11.0	3.7	0.0
-10°	18.3	11.0	3.7	0.0
-12.5°	22.0	11.0	3.7	0.0
-15°	22.0	11.0	3.7	0.0
-17.5°	22.0	11.0	3.7	0.0
-20°	22.0	11.0	3.7	0.0

REPORT NUMBER: P722468

CATALOG NUMBER: IFLD-M-SA4B-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.0	11.0	3.7	0.0
-25°	22.0	11.0	3.7	0.0
-27.5°	22.0	11.0	3.7	0.0
-30°	22.0	11.0	3.7	0.0
-32.5°	22.0	11.0	3.7	0.0
-35°	22.0	11.0	3.7	0.0
-37.5°	22.0	11.0	3.7	0.0
-40°	22.0	11.0	3.7	0.0
-42.5°	18.3	11.0	3.7	0.0
-45°	22.0	11.0	3.7	0.0
-47.5°	22.0	11.0	3.7	0.0
-50°	22.0	11.0	3.7	0.0
-52.5°	22.0	11.0	3.7	0.0
-55°	22.0	11.0	3.7	0.0
-57.5°	22.0	11.0	3.7	0.0
-60°	22.0	11.0	3.7	0.0
-62.5°	18.3	11.0	3.7	0.0
-65°	18.3	7.3	3.7	0.0
-67.5°	18.3	7.3	3.7	0.0
-70°	18.3	7.3	3.7	0.0
-72.5°	14.7	7.3	3.7	0.0
-75°	14.7	7.3	3.7	0.0
-77.5°	11.0	3.7	0.0	0.0
-80°	11.0	3.7	0.0	0.0
-82.5°	7.3	3.7	0.0	0.0
-85°	3.7	3.7	0.0	0.0
-87.5°	3.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)