

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: P722380

Luminaire Tested: **IFLD-M-SA4A-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722380
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

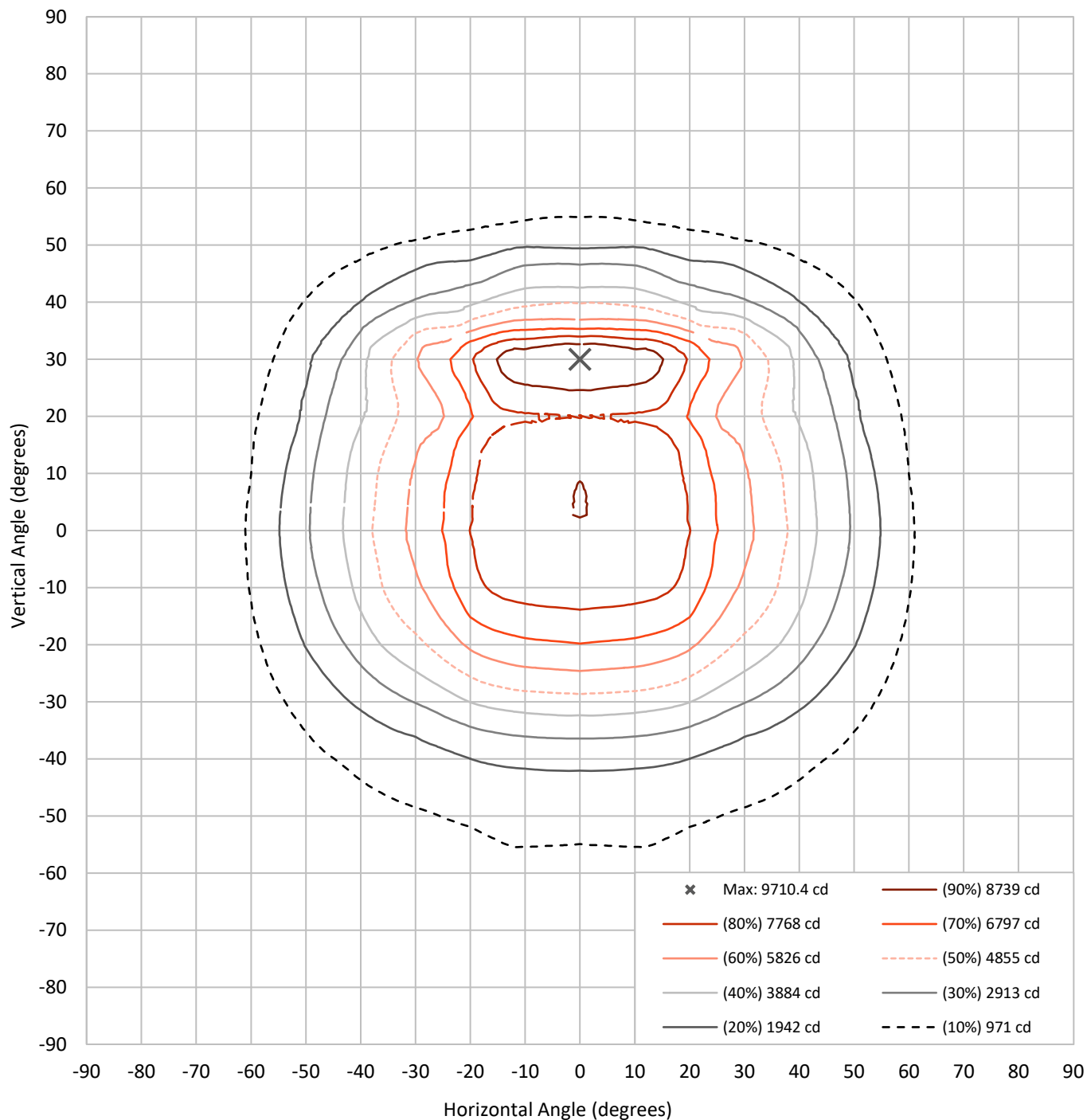
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13909.5 lumens	Max Intensity:	9710.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	108.2 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	8873.7 lumens	Field Lumens:	13113.6 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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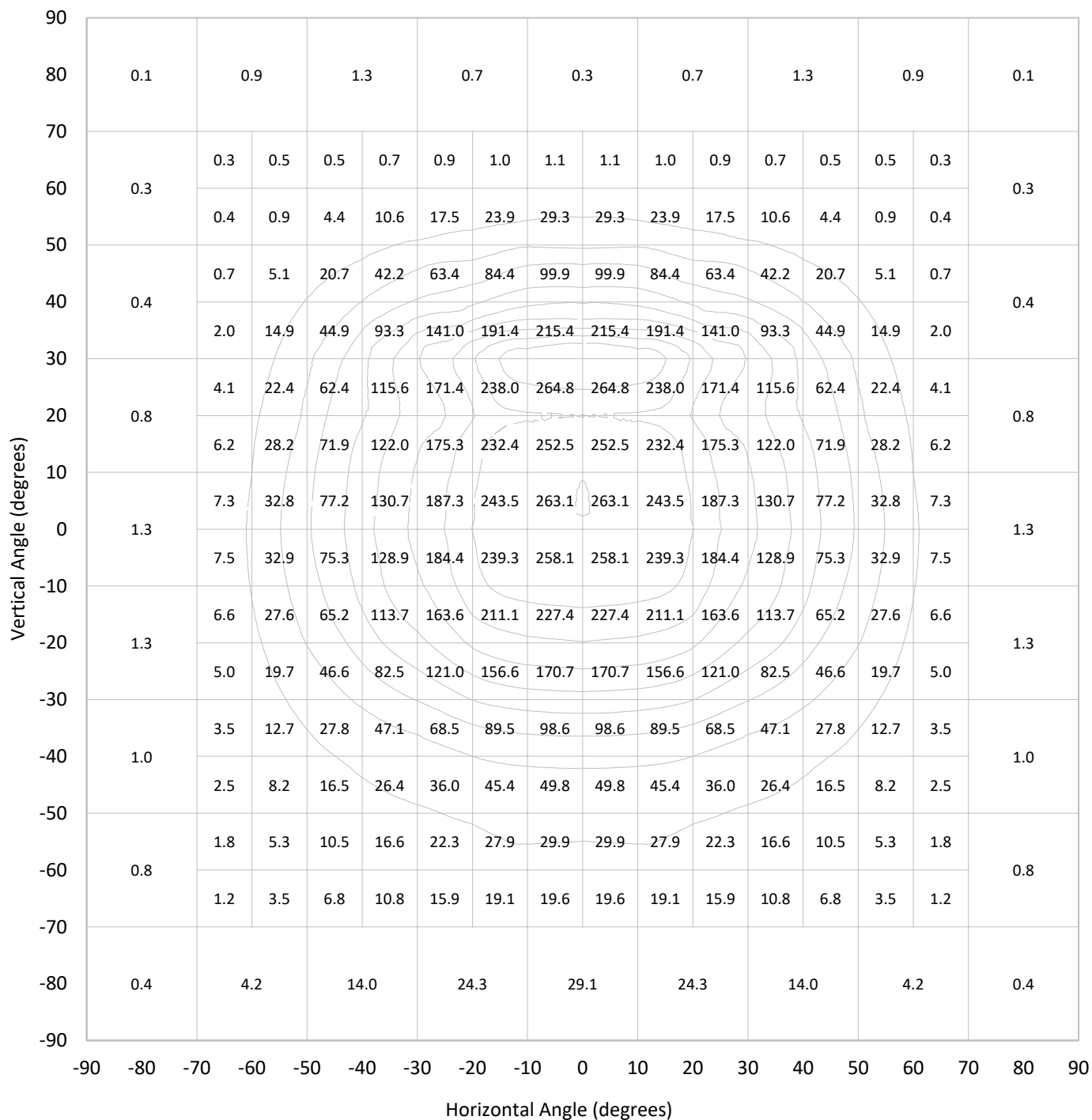
Iso-Candela Plot



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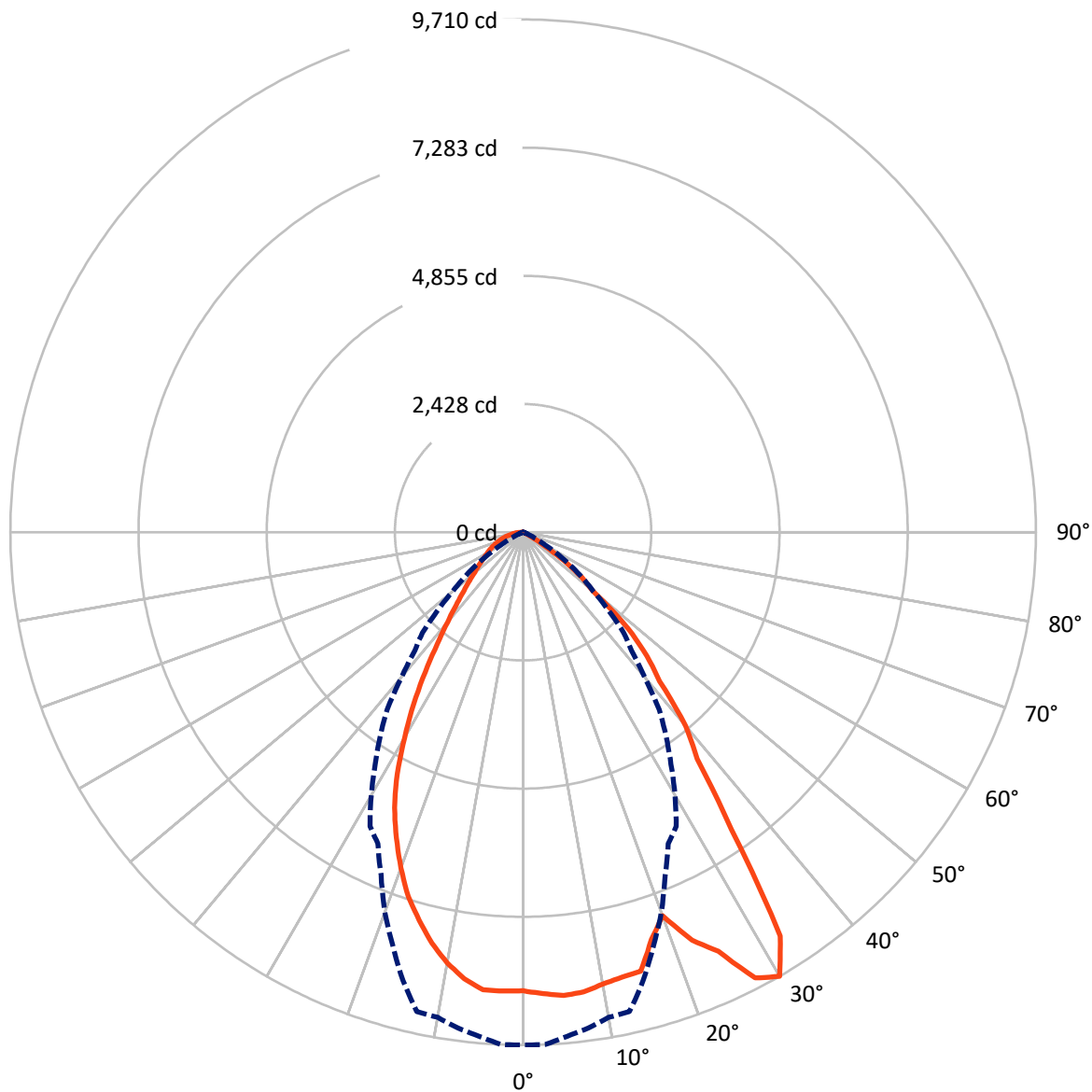
Lumen Table



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Luminous Intensity Polar Plot



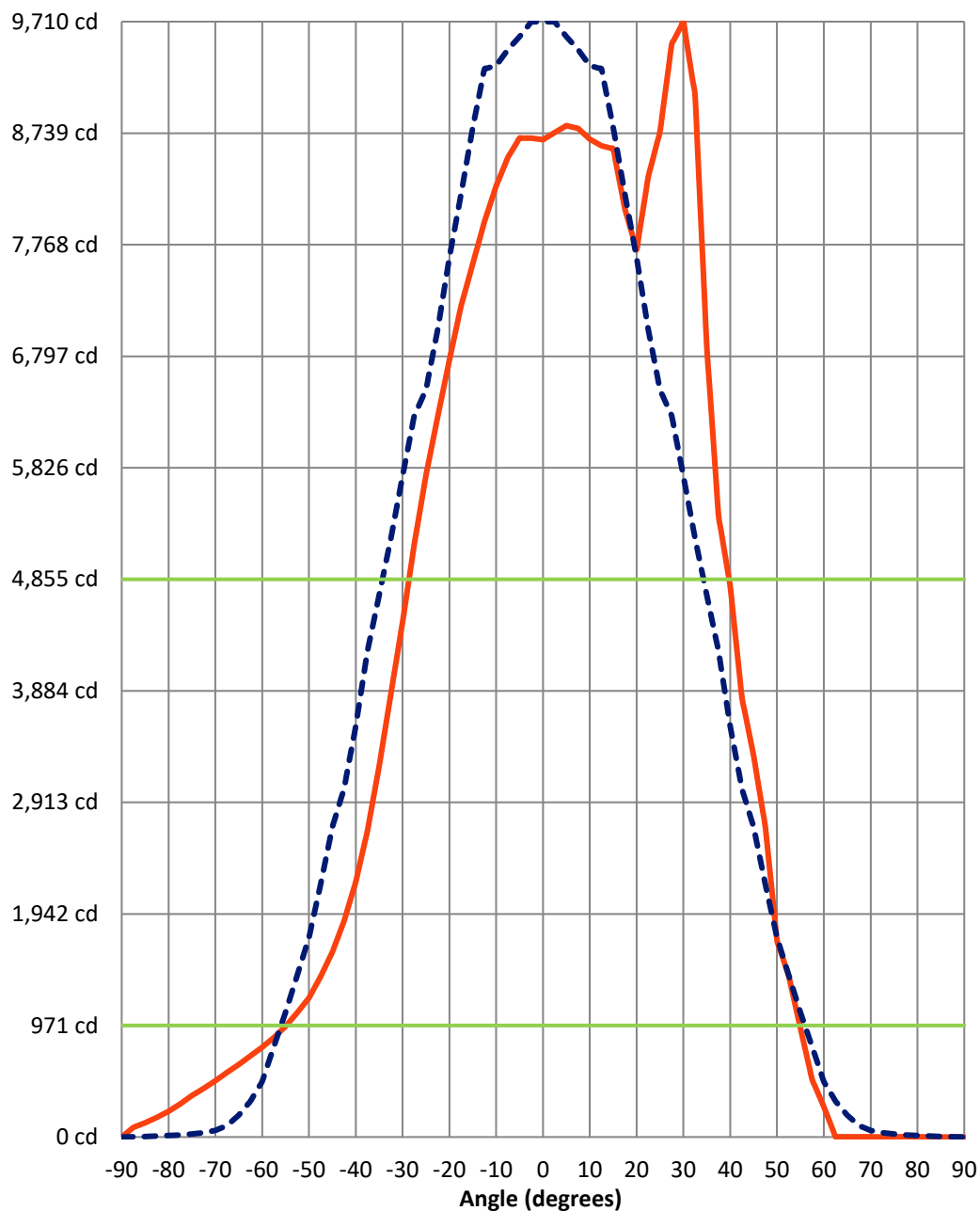
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 8873.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 13113.6

Efficiency: 94.3%

Spill:

Lumens: 796

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	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	0.0	2.2	2.2	2.2	4.4	4.4	4.4	4.4	4.4	4.4	6.6
82.5°	0.0	2.2	2.2	2.2	4.4	4.4	4.4	4.4	6.6	6.6	8.9
80°	2.2	2.2	2.2	2.2	4.4	4.4	4.4	6.6	6.6	8.9	8.9
77.5°	2.2	2.2	2.2	4.4	4.4	4.4	6.6	6.6	8.9	8.9	11.1
75°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.9	8.9	11.1
72.5°	0.0	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.9	8.9	8.9
70°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.9	8.9	8.9
67.5°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	8.9	8.9	8.9	11.1
65°	2.2	2.2	2.2	4.4	6.6	6.6	8.9	11.1	11.1	13.3	15.5
62.5°	2.2	4.4	4.4	6.6	8.9	11.1	24.4	37.6	37.6	26.6	22.1
60°	263.5	285.7	283.5	256.9	223.7	188.2	181.6	174.9	161.7	141.7	148.4
57.5°	500.5	527.0	538.1	531.5	513.8	482.8	465.0	445.1	418.5	387.5	352.1
55°	947.8	958.9	934.5	888.0	837.1	786.1	768.4	741.8	702.0	662.1	609.0
52.5°	1401.8	1439.4	1428.3	1381.8	1313.2	1222.4	1122.7	1045.2	998.7	954.4	901.3
50°	1711.8	1727.3	1758.3	1813.6	1833.6	1771.6	1609.9	1401.8	1253.4	1328.7	1271.1
47.5°	2701.6	2779.1	2763.6	2723.8	2657.3	2489.1	2263.2	2077.2	1922.1	1871.2	1880.1
45°	3319.5	3350.5	3339.4	3321.7	3290.7	3133.5	2883.2	2597.6	2453.6	2396.0	2336.3
42.5°	3826.6	3859.8	3866.4	3868.7	3835.4	3691.5	3465.6	3180.0	3036.0	2869.9	2739.3
40°	4794.3	4843.0	4787.7	4714.6	4603.9	4440.0	4218.5	3955.0	3700.4	3496.6	3341.6
37.5°	5412.1	5471.9	5494.1	5489.6	5465.3	5394.4	5122.0	4871.8	4482.1	4025.9	4107.8
35°	6878.1	6940.1	6922.4	6856.0	6820.5	6745.2	6479.5	6182.8	5693.4	5197.3	5064.5
32.5°	9063.8	9198.9	8946.4	8669.6	8499.1	8558.9	8288.7	7562.4	7336.5	6441.9	6027.8
30°	9710.4	9708.2	9579.7	9466.8	9327.3	9298.5	8789.2	8209.0	7655.4	7028.7	6506.1
27.5°	9513.3	9473.5	9364.9	9283.0	9152.4	9083.7	8585.5	8124.8	7484.9	6924.6	6419.7
25°	8753.8	8784.8	8674.0	8658.5	8607.6	8474.7	8226.7	7708.5	7137.2	6517.1	6154.0
22.5°	8361.8	8350.7	8217.9	8140.3	8202.4	8060.6	7961.0	7438.4	6842.7	6320.1	5883.8
20°	7724.0	7726.2	7693.0	7686.4	7648.7	7584.5	7504.8	7135.0	6714.2	6266.9	5742.1
17.5°	8080.6	8171.3	8211.2	7881.3	7974.3	7901.2	7817.0	7301.1	6984.4	6588.0	5903.7
15°	8603.2	8570.0	8530.1	8512.4	8461.4	8392.8	8240.0	7828.1	7283.4	6873.7	6340.0
12.5°	8629.7	8565.5	8550.0	8547.8	8494.7	8399.4	8251.1	7910.0	7427.3	6929.0	6495.0
10°	8687.3	8620.9	8612.0	8623.1	8541.2	8481.4	8333.0	8016.3	7471.6	7024.3	6614.6
7.5°	8780.3	8669.6	8720.5	8687.3	8649.7	8554.5	8395.0	8085.0	7633.2	7150.5	6720.9
5°	8804.7	8682.9	8738.3	8707.2	8651.9	8558.9	8386.2	8129.3	7732.9	7201.4	6763.0
2.5°	8744.9	8709.5	8685.1	8627.5	8603.2	8501.3	8337.4	8062.8	7686.4	7179.3	6754.1
0°	8682.9	8713.9	8658.5	8601.0	8589.9	8507.9	8368.4	8120.4	7794.9	7241.3	6829.4
-2.5°	8696.2	8671.8	8634.2	8574.4	8516.8	8399.4	8273.2	8040.7	7690.8	7106.2	6723.1
-5°	8696.2	8583.2	8587.7	8589.9	8532.3	8410.5	8257.7	8060.6	7628.8	7104.0	6692.1
-7.5°	8527.9	8430.4	8414.9	8401.7	8386.2	8273.2	8153.6	7907.8	7524.7	7046.4	6605.7
-10°	8279.9	8184.6	8193.5	8173.6	8124.8	8049.6	7958.8	7737.3	7422.9	6864.8	6430.8
-12.5°	7969.8	7927.8	7903.4	7870.2	7821.5	7755.0	7662.0	7453.9	7117.3	6641.2	6229.3
-15°	7602.2	7571.2	7549.1	7529.2	7458.3	7389.6	7267.9	7075.2	6864.8	6353.3	5932.5
-17.5°	7234.6	7157.1	7126.1	7099.6	7053.0	6942.3	6831.6	6687.7	6393.1	5987.9	5626.9
-20°	6763.0	6716.5	6678.8	6643.4	6576.9	6490.6	6399.8	6233.7	5979.0	5651.3	5277.1

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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°	6269.1	6242.6	6211.6	6167.3	6123.0	6041.0	5914.8	5755.4	5556.1	5201.8	4851.9
-25°	5759.8	5708.9	5671.2	5629.2	5593.7	5518.4	5396.6	5243.8	4993.6	4688.0	4395.7
-27.5°	5159.7	5111.0	5091.0	5042.3	5011.3	4942.7	4820.9	4679.1	4453.3	4196.4	3899.7
-30°	4482.1	4490.9	4468.8	4422.3	4384.6	4296.0	4203.0	4083.5	3906.3	3660.5	3394.8
-32.5°	3855.4	3866.4	3839.9	3791.2	3742.4	3678.2	3591.9	3483.3	3350.5	3115.7	2885.4
-35°	3228.7	3224.3	3202.1	3173.3	3140.1	3087.0	2989.5	2907.6	2754.8	2590.9	2431.5
-37.5°	2666.2	2677.3	2670.6	2655.1	2617.5	2573.2	2493.5	2418.2	2305.3	2161.3	2037.3
-40°	2221.1	2234.4	2225.5	2210.0	2176.8	2150.2	2097.1	2030.7	1939.9	1815.9	1711.8
-42.5°	1880.1	1888.9	1877.9	1864.6	1835.8	1815.9	1773.8	1718.4	1643.1	1547.9	1454.9
-45°	1609.9	1612.1	1601.1	1592.2	1570.1	1545.7	1510.3	1466.0	1406.2	1339.7	1264.5
-47.5°	1397.3	1395.1	1384.0	1375.2	1357.5	1335.3	1306.5	1266.7	1220.2	1169.2	1109.4
-50°	1211.3	1222.4	1218.0	1209.1	1195.8	1180.3	1151.5	1109.4	1062.9	1025.3	983.2
-52.5°	1082.9	1085.1	1082.9	1082.9	1080.7	1069.6	1036.4	994.3	943.4	910.1	874.7
-55°	963.3	974.4	978.8	983.2	985.4	985.4	945.6	901.3	852.6	819.3	792.8
-57.5°	865.9	872.5	876.9	888.0	896.9	903.5	868.1	828.2	790.6	759.6	735.2
-60°	781.7	790.6	797.2	808.3	814.9	819.3	797.2	770.6	748.5	728.6	693.1
-62.5°	706.4	713.1	719.7	726.3	733.0	737.4	728.6	715.3	704.2	695.3	651.1
-65°	631.1	637.8	644.4	653.3	659.9	664.3	662.1	653.3	644.4	635.5	595.7
-67.5°	562.5	569.1	578.0	580.2	584.6	586.8	582.4	575.8	564.7	553.6	522.6
-70°	489.4	493.8	498.3	498.3	498.3	496.0	491.6	482.8	471.7	456.2	431.8
-72.5°	423.0	427.4	431.8	425.2	420.7	414.1	407.5	396.4	385.3	374.2	361.0
-75°	361.0	363.2	363.2	354.3	347.7	341.0	332.2	325.5	314.5	305.6	294.5
-77.5°	287.9	287.9	287.9	281.2	276.8	272.4	265.7	259.1	250.2	243.6	234.7
-80°	223.7	223.7	223.7	221.4	214.8	210.4	205.9	201.5	194.9	190.4	186.0
-82.5°	170.5	170.5	170.5	168.3	163.9	161.7	157.2	152.8	150.6	146.2	143.9
-85°	124.0	126.2	126.2	124.0	121.8	117.4	115.2	112.9	110.7	108.5	104.1
-87.5°	84.1	84.1	84.1	81.9	79.7	79.7	77.5	73.1	68.6	66.4	64.2
-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	6.6	6.6	6.6	8.9	8.9	8.9	8.9	8.9	8.9	8.9	6.6
82.5°	11.1	11.1	13.3	13.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5
80°	11.1	13.3	15.5	17.7	19.9	22.1	22.1	22.1	22.1	19.9	19.9
77.5°	13.3	13.3	15.5	17.7	19.9	22.1	24.4	26.6	24.4	24.4	24.4
75°	13.3	15.5	15.5	17.7	19.9	22.1	24.4	26.6	26.6	26.6	26.6
72.5°	11.1	13.3	15.5	17.7	17.7	19.9	22.1	22.1	24.4	24.4	26.6
70°	11.1	13.3	15.5	15.5	17.7	17.7	19.9	22.1	22.1	24.4	24.4
67.5°	13.3	15.5	15.5	17.7	19.9	19.9	19.9	22.1	22.1	24.4	24.4
65°	15.5	17.7	17.7	19.9	22.1	22.1	24.4	24.4	24.4	26.6	26.6
62.5°	26.6	26.6	26.6	24.4	26.6	26.6	26.6	28.8	28.8	26.6	28.8
60°	137.3	99.7	68.6	86.4	77.5	35.4	35.4	35.4	33.2	33.2	31.0
57.5°	323.3	301.2	259.1	219.2	197.1	174.9	108.5	44.3	44.3	39.9	35.4
55°	540.3	467.3	436.2	383.1	325.5	299.0	248.0	168.3	79.7	53.1	46.5
52.5°	837.1	768.4	688.7	580.2	502.7	440.7	398.6	316.7	212.6	112.9	70.9
50°	1120.5	1089.5	1040.8	934.5	772.8	668.8	600.1	507.1	380.9	232.5	132.9
47.5°	1804.8	1545.7	1388.5	1306.5	1171.4	974.4	841.5	737.4	584.6	392.0	234.7
45°	2272.0	2108.2	1857.9	1685.2	1485.9	1277.7	1105.0	985.4	803.8	586.8	367.6
42.5°	2672.9	2531.1	2305.3	2052.8	1842.4	1570.1	1348.6	1191.4	1038.6	801.6	549.2
40°	3188.8	3020.5	2803.5	2557.7	2311.9	1964.2	1605.5	1415.0	1246.7	1036.4	741.8
37.5°	4039.2	3742.4	3388.1	3115.7	2794.6	2500.1	2008.5	1671.9	1472.6	1253.4	967.7
35°	5062.3	4736.7	4145.5	3784.5	3354.9	2916.4	2473.5	1975.3	1691.8	1459.3	1175.9
32.5°	6014.5	5538.4	4781.0	4358.1	4072.4	3264.1	2805.7	2373.9	1917.7	1632.1	1295.5
30°	6278.0	5753.2	5210.6	4716.8	4229.6	3576.3	3033.8	2697.2	2201.2	1736.1	1408.4
27.5°	6012.3	5651.3	5230.5	4772.2	4245.1	3684.9	3173.3	2852.2	2409.3	1807.0	1497.0
25°	5742.1	5365.6	5071.1	4688.0	4200.8	3678.2	3177.7	2949.7	2571.0	1944.3	1545.7
22.5°	5456.4	5221.7	4978.1	4550.7	4090.1	3698.1	3321.7	3033.8	2655.1	2099.3	1565.6
20°	5471.9	5319.1	5051.2	4479.8	4070.2	3815.5	3494.4	3140.1	2745.9	2234.4	1581.1
17.5°	5719.9	5520.6	5184.0	4688.0	4249.5	3935.1	3638.4	3286.3	2838.9	2354.0	1769.4
15°	6025.5	5722.2	5370.1	4933.8	4437.8	4065.7	3749.1	3388.1	2945.2	2464.7	1937.7
12.5°	6247.0	5815.2	5485.2	5091.0	4641.5	4207.5	3822.2	3465.6	3044.9	2555.5	2063.9
10°	6322.3	5930.3	5540.6	5188.5	4745.6	4282.8	3877.5	3514.3	3131.2	2626.3	2156.9
7.5°	6362.1	6030.0	5578.2	5232.8	4807.6	4329.3	3921.8	3540.9	3199.9	2675.1	2216.7
5°	6357.7	6083.1	5607.0	5246.1	4840.8	4349.2	3952.8	3547.6	3248.6	2717.1	2252.1
2.5°	6337.8	6118.5	5653.5	5268.2	4907.2	4386.8	4012.6	3560.8	3266.3	2763.6	2276.5
0°	6410.9	6120.8	5702.2	5274.8	4951.5	4400.1	4039.2	3549.8	3242.0	2776.9	2274.2
-2.5°	6253.6	5990.1	5691.2	5217.3	4891.7	4369.1	3990.5	3514.3	3188.8	2761.4	2265.4
-5°	6227.1	5894.9	5598.1	5164.1	4792.1	4304.9	3899.7	3447.9	3104.7	2710.5	2230.0
-7.5°	6156.2	5804.1	5507.4	5122.0	4699.1	4238.5	3813.3	3379.3	3013.9	2630.8	2179.0
-10°	6001.2	5664.6	5409.9	5031.2	4586.1	4143.3	3709.2	3288.5	2907.6	2522.3	2099.3
-12.5°	5779.7	5443.1	5190.7	4838.6	4444.4	4014.8	3585.2	3171.1	2785.8	2407.1	2004.1
-15°	5529.5	5188.5	4936.0	4614.9	4234.0	3815.5	3428.0	3022.7	2646.3	2285.3	1891.1
-17.5°	5246.1	4922.7	4679.1	4366.9	3988.2	3589.6	3204.3	2836.7	2484.6	2159.1	1760.5
-20°	4918.3	4603.9	4380.2	4068.0	3720.3	3332.8	2958.5	2610.8	2294.2	1988.6	1616.6

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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°	4513.1	4236.3	3981.6	3702.6	3399.2	3044.9	2697.2	2389.4	2086.0	1787.1	1468.2
-25°	4099.0	3831.0	3583.0	3328.3	3038.2	2732.6	2435.9	2156.9	1860.1	1590.0	1324.2
-27.5°	3638.4	3399.2	3177.7	2943.0	2677.3	2413.8	2170.2	1897.8	1640.9	1410.6	1182.5
-30°	3146.7	2951.9	2759.2	2551.1	2336.3	2114.8	1897.8	1640.9	1439.4	1255.6	1062.9
-32.5°	2675.1	2500.1	2345.1	2190.1	2004.1	1822.5	1629.8	1439.4	1271.1	1109.4	947.8
-35°	2261.0	2074.9	1988.6	1864.6	1716.2	1552.3	1395.1	1262.2	1127.2	981.0	837.1
-37.5°	1902.2	1782.6	1680.8	1587.8	1470.4	1328.7	1215.7	1107.2	994.3	861.4	737.4
-40°	1621.0	1534.6	1432.8	1364.1	1268.9	1167.0	1054.1	963.3	868.1	759.6	657.7
-42.5°	1395.1	1324.2	1257.8	1184.7	1113.9	1027.5	930.1	843.7	757.3	677.6	593.5
-45°	1209.1	1158.2	1105.0	1045.2	983.2	907.9	828.2	739.6	677.6	606.8	535.9
-47.5°	1056.3	1018.7	974.4	927.9	874.7	808.3	735.2	671.0	606.8	547.0	478.3
-50°	934.5	899.1	863.6	823.8	777.3	719.7	664.3	604.5	544.8	487.2	423.0
-52.5°	832.6	801.6	772.8	739.6	695.3	646.6	595.7	542.5	487.2	429.6	378.7
-55°	761.8	726.3	697.6	664.3	624.5	578.0	531.5	482.8	429.6	385.3	343.2
-57.5°	704.2	664.3	631.1	595.7	555.8	516.0	473.9	429.6	389.7	347.7	307.8
-60°	655.5	609.0	571.3	535.9	498.3	460.6	425.2	387.5	349.9	312.2	272.4
-62.5°	604.5	555.8	509.3	476.1	447.3	414.1	383.1	347.7	314.5	276.8	248.0
-65°	547.0	500.5	456.2	427.4	400.8	372.0	343.2	312.2	283.5	254.7	228.1
-67.5°	482.8	442.9	411.9	385.3	358.7	334.4	307.8	281.2	256.9	228.1	201.5
-70°	405.2	383.1	365.4	345.5	321.1	299.0	274.6	250.2	223.7	199.3	174.9
-72.5°	345.5	332.2	318.9	299.0	276.8	256.9	236.9	214.8	192.7	170.5	150.6
-75°	283.5	272.4	261.3	248.0	230.3	214.8	197.1	177.2	159.4	143.9	128.4
-77.5°	228.1	219.2	212.6	201.5	188.2	174.9	163.9	150.6	137.3	121.8	106.3
-80°	181.6	177.2	174.9	170.5	159.4	148.4	139.5	128.4	115.2	104.1	93.0
-82.5°	141.7	141.7	139.5	137.3	128.4	119.6	112.9	104.1	95.2	86.4	75.3
-85°	104.1	101.9	101.9	99.7	93.0	88.6	81.9	77.5	70.9	62.0	57.6
-87.5°	62.0	59.8	57.6	55.4	50.9	48.7	44.3	42.1	37.6	33.2	31.0
-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: P722380

CATALOG NUMBER: IFLD-M-SA4A-722-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.0	0.0
85°	6.6	4.4	4.4	4.4	4.4	4.4	2.2	2.2	2.2	2.2	2.2
82.5°	13.3	13.3	11.1	11.1	8.9	6.6	4.4	4.4	4.4	2.2	2.2
80°	19.9	19.9	19.9	17.7	15.5	11.1	8.9	6.6	4.4	2.2	2.2
77.5°	24.4	22.1	22.1	19.9	19.9	17.7	13.3	11.1	6.6	4.4	2.2
75°	24.4	24.4	24.4	22.1	22.1	19.9	17.7	13.3	11.1	6.6	4.4
72.5°	26.6	24.4	24.4	24.4	22.1	19.9	17.7	15.5	13.3	8.9	4.4
70°	24.4	24.4	24.4	24.4	22.1	22.1	17.7	15.5	15.5	8.9	6.6
67.5°	24.4	24.4	24.4	22.1	22.1	19.9	17.7	15.5	15.5	11.1	6.6
65°	26.6	24.4	24.4	24.4	22.1	19.9	17.7	15.5	15.5	13.3	8.9
62.5°	28.8	26.6	26.6	24.4	22.1	19.9	17.7	15.5	15.5	13.3	8.9
60°	31.0	28.8	26.6	26.6	24.4	22.1	17.7	17.7	15.5	13.3	8.9
57.5°	33.2	31.0	31.0	28.8	26.6	24.4	19.9	17.7	15.5	13.3	11.1
55°	39.9	35.4	33.2	33.2	31.0	26.6	22.1	17.7	15.5	13.3	11.1
52.5°	53.1	42.1	37.6	37.6	35.4	31.0	24.4	19.9	15.5	13.3	11.1
50°	84.1	53.1	44.3	39.9	39.9	35.4	28.8	22.1	15.5	13.3	11.1
47.5°	132.9	88.6	53.1	46.5	44.3	42.1	33.2	22.1	17.7	13.3	11.1
45°	219.2	130.7	86.4	55.4	46.5	44.3	37.6	24.4	17.7	15.5	11.1
42.5°	301.2	203.7	132.9	66.4	55.4	48.7	39.9	26.6	19.9	15.5	11.1
40°	473.9	279.0	186.0	108.5	64.2	50.9	44.3	31.0	19.9	15.5	11.1
37.5°	642.2	369.8	250.2	159.4	73.1	57.6	46.5	33.2	22.1	15.5	13.3
35°	810.5	518.2	310.0	212.6	97.4	68.6	48.7	35.4	22.1	15.5	13.3
32.5°	961.1	657.7	372.0	265.7	146.2	81.9	53.1	37.6	24.4	17.7	13.3
30°	1085.1	786.1	482.8	312.2	190.4	99.7	57.6	37.6	26.6	17.7	13.3
27.5°	1178.1	885.8	595.7	361.0	228.1	117.4	66.4	42.1	26.6	17.7	13.3
25°	1253.4	963.3	695.3	411.9	261.3	146.2	79.7	44.3	28.8	19.9	13.3
22.5°	1313.2	1027.5	777.3	480.5	301.2	174.9	97.4	48.7	28.8	19.9	13.3
20°	1395.1	1091.7	832.6	553.6	343.2	201.5	112.9	53.1	28.8	19.9	15.5
17.5°	1466.0	1155.9	876.9	615.6	385.3	221.4	130.7	57.6	31.0	19.9	15.5
15°	1547.9	1218.0	916.8	664.3	425.2	239.2	146.2	62.0	31.0	22.1	15.5
12.5°	1636.5	1275.5	945.6	704.2	467.3	254.7	159.4	70.9	33.2	22.1	15.5
10°	1727.3	1324.2	969.9	733.0	498.3	270.2	168.3	79.7	35.4	22.1	15.5
7.5°	1818.1	1368.5	1000.9	746.3	511.5	287.9	172.7	88.6	35.4	24.4	15.5
5°	1880.1	1397.3	1045.2	755.1	518.2	307.8	179.4	99.7	37.6	24.4	15.5
2.5°	1933.2	1415.0	1091.7	761.8	520.4	318.9	177.2	106.3	39.9	24.4	15.5
0°	1957.6	1415.0	1122.7	757.3	513.8	330.0	177.2	112.9	39.9	24.4	15.5
-2.5°	1919.9	1454.9	1113.9	759.6	516.0	330.0	186.0	115.2	44.3	26.6	15.5
-5°	1860.1	1470.4	1087.3	748.5	511.5	330.0	197.1	117.4	46.5	26.6	17.7
-7.5°	1802.6	1477.0	1056.3	737.4	504.9	321.1	199.3	115.2	50.9	28.8	17.7
-10°	1727.3	1404.0	1016.4	717.5	491.6	314.5	203.7	115.2	53.1	28.8	17.7
-12.5°	1640.9	1315.4	967.7	688.7	476.1	307.8	205.9	115.2	55.4	31.0	17.7
-15°	1541.3	1224.6	912.4	657.7	454.0	299.0	201.5	112.9	57.6	31.0	19.9
-17.5°	1428.3	1136.0	854.8	620.0	429.6	287.9	192.7	110.7	57.6	31.0	19.9
-20°	1299.9	1047.4	790.6	582.4	400.8	274.6	183.8	106.3	57.6	31.0	19.9

REPORT NUMBER: P722380

CATALOG NUMBER: IFLD-M-SA4A-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1184.7	965.5	724.1	540.3	369.8	259.1	172.7	101.9	57.6	33.2	19.9
-25°	1089.5	885.8	673.2	498.3	336.6	241.4	161.7	97.4	57.6	33.2	19.9
-27.5°	989.9	799.4	620.0	458.4	314.5	225.9	150.6	93.0	55.4	33.2	19.9
-30°	888.0	715.3	564.7	414.1	292.3	210.4	141.7	86.4	55.4	33.2	19.9
-32.5°	795.0	646.6	513.8	369.8	267.9	194.9	132.9	84.1	53.1	33.2	19.9
-35°	704.2	584.6	460.6	334.4	241.4	179.4	124.0	81.9	53.1	33.2	19.9
-37.5°	628.9	527.0	411.9	310.0	225.9	166.1	115.2	77.5	50.9	33.2	19.9
-40°	566.9	473.9	365.4	283.5	212.6	152.8	106.3	75.3	50.9	33.2	19.9
-42.5°	509.3	423.0	336.6	261.3	199.3	143.9	99.7	73.1	48.7	33.2	19.9
-45°	458.4	378.7	307.8	241.4	183.8	132.9	95.2	68.6	46.5	33.2	22.1
-47.5°	407.5	347.7	281.2	223.7	168.3	119.6	90.8	66.4	44.3	31.0	22.1
-50°	367.6	314.5	259.1	203.7	152.8	115.2	86.4	62.0	44.3	31.0	22.1
-52.5°	332.2	283.5	234.7	183.8	139.5	108.5	81.9	57.6	42.1	31.0	22.1
-55°	299.0	254.7	210.4	163.9	130.7	101.9	75.3	53.1	42.1	31.0	22.1
-57.5°	265.7	228.1	186.0	148.4	119.6	95.2	70.9	53.1	42.1	31.0	22.1
-60°	239.2	203.7	168.3	137.3	110.7	86.4	64.2	50.9	39.9	31.0	22.1
-62.5°	217.0	183.8	152.8	124.0	101.9	77.5	62.0	50.9	39.9	31.0	19.9
-65°	194.9	166.1	137.3	112.9	90.8	73.1	59.8	48.7	39.9	31.0	19.9
-67.5°	172.7	146.2	124.0	99.7	84.1	70.9	57.6	48.7	37.6	28.8	19.9
-70°	150.6	128.4	108.5	93.0	79.7	66.4	55.4	46.5	37.6	26.6	17.7
-72.5°	132.9	112.9	97.4	86.4	75.3	64.2	53.1	44.3	35.4	24.4	15.5
-75°	112.9	99.7	88.6	77.5	68.6	59.8	50.9	39.9	31.0	22.1	15.5
-77.5°	95.2	86.4	77.5	70.9	62.0	53.1	44.3	35.4	28.8	19.9	13.3
-80°	81.9	75.3	68.6	62.0	55.4	46.5	39.9	31.0	24.4	17.7	11.1
-82.5°	66.4	62.0	55.4	50.9	46.5	39.9	33.2	26.6	17.7	13.3	8.9
-85°	50.9	46.5	44.3	39.9	35.4	28.8	22.1	17.7	13.3	8.9	4.4
-87.5°	26.6	24.4	22.1	19.9	17.7	13.3	11.1	8.9	6.6	4.4	2.2
-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-722-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°	2.2	0.0	0.0	0.0
77.5°	2.2	0.0	0.0	0.0
75°	2.2	2.2	0.0	0.0
72.5°	2.2	2.2	0.0	0.0
70°	2.2	2.2	0.0	0.0
67.5°	4.4	2.2	0.0	0.0
65°	4.4	2.2	0.0	0.0
62.5°	4.4	2.2	0.0	0.0
60°	4.4	2.2	0.0	0.0
57.5°	6.6	2.2	2.2	0.0
55°	6.6	2.2	2.2	0.0
52.5°	6.6	2.2	2.2	0.0
50°	6.6	4.4	2.2	0.0
47.5°	6.6	4.4	2.2	0.0
45°	6.6	4.4	2.2	0.0
42.5°	6.6	4.4	2.2	0.0
40°	8.9	4.4	2.2	0.0
37.5°	8.9	4.4	2.2	0.0
35°	8.9	4.4	2.2	0.0
32.5°	8.9	4.4	2.2	0.0
30°	8.9	4.4	2.2	0.0
27.5°	8.9	6.6	2.2	0.0
25°	8.9	6.6	2.2	0.0
22.5°	11.1	6.6	2.2	0.0
20°	11.1	6.6	2.2	0.0
17.5°	11.1	6.6	2.2	0.0
15°	11.1	6.6	2.2	0.0
12.5°	11.1	6.6	2.2	0.0
10°	11.1	6.6	2.2	0.0
7.5°	11.1	6.6	2.2	0.0
5°	11.1	6.6	2.2	0.0
2.5°	11.1	6.6	2.2	0.0
0°	11.1	6.6	2.2	0.0
-2.5°	11.1	6.6	2.2	0.0
-5°	11.1	6.6	2.2	0.0
-7.5°	11.1	6.6	2.2	0.0
-10°	11.1	6.6	2.2	0.0
-12.5°	13.3	6.6	2.2	0.0
-15°	13.3	6.6	2.2	0.0
-17.5°	13.3	6.6	2.2	0.0
-20°	13.3	6.6	2.2	0.0

REPORT NUMBER: P722380

CATALOG NUMBER: IFLD-M-SA4A-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.3	6.6	2.2	0.0
-25°	13.3	6.6	2.2	0.0
-27.5°	13.3	6.6	2.2	0.0
-30°	13.3	6.6	2.2	0.0
-32.5°	13.3	6.6	2.2	0.0
-35°	13.3	6.6	2.2	0.0
-37.5°	13.3	6.6	2.2	0.0
-40°	13.3	6.6	2.2	0.0
-42.5°	11.1	6.6	2.2	0.0
-45°	13.3	6.6	2.2	0.0
-47.5°	13.3	6.6	2.2	0.0
-50°	13.3	6.6	2.2	0.0
-52.5°	13.3	6.6	2.2	0.0
-55°	13.3	6.6	2.2	0.0
-57.5°	13.3	6.6	2.2	0.0
-60°	13.3	6.6	2.2	0.0
-62.5°	11.1	6.6	2.2	0.0
-65°	11.1	4.4	2.2	0.0
-67.5°	11.1	4.4	2.2	0.0
-70°	11.1	4.4	2.2	0.0
-72.5°	8.9	4.4	2.2	0.0
-75°	8.9	4.4	2.2	0.0
-77.5°	6.6	2.2	0.0	0.0
-80°	6.6	2.2	0.0	0.0
-82.5°	4.4	2.2	0.0	0.0
-85°	2.2	2.2	0.0	0.0
-87.5°	2.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)