

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: P722699

Luminaire Tested: **IFLD-M-SA4A-935-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722699
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-935-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

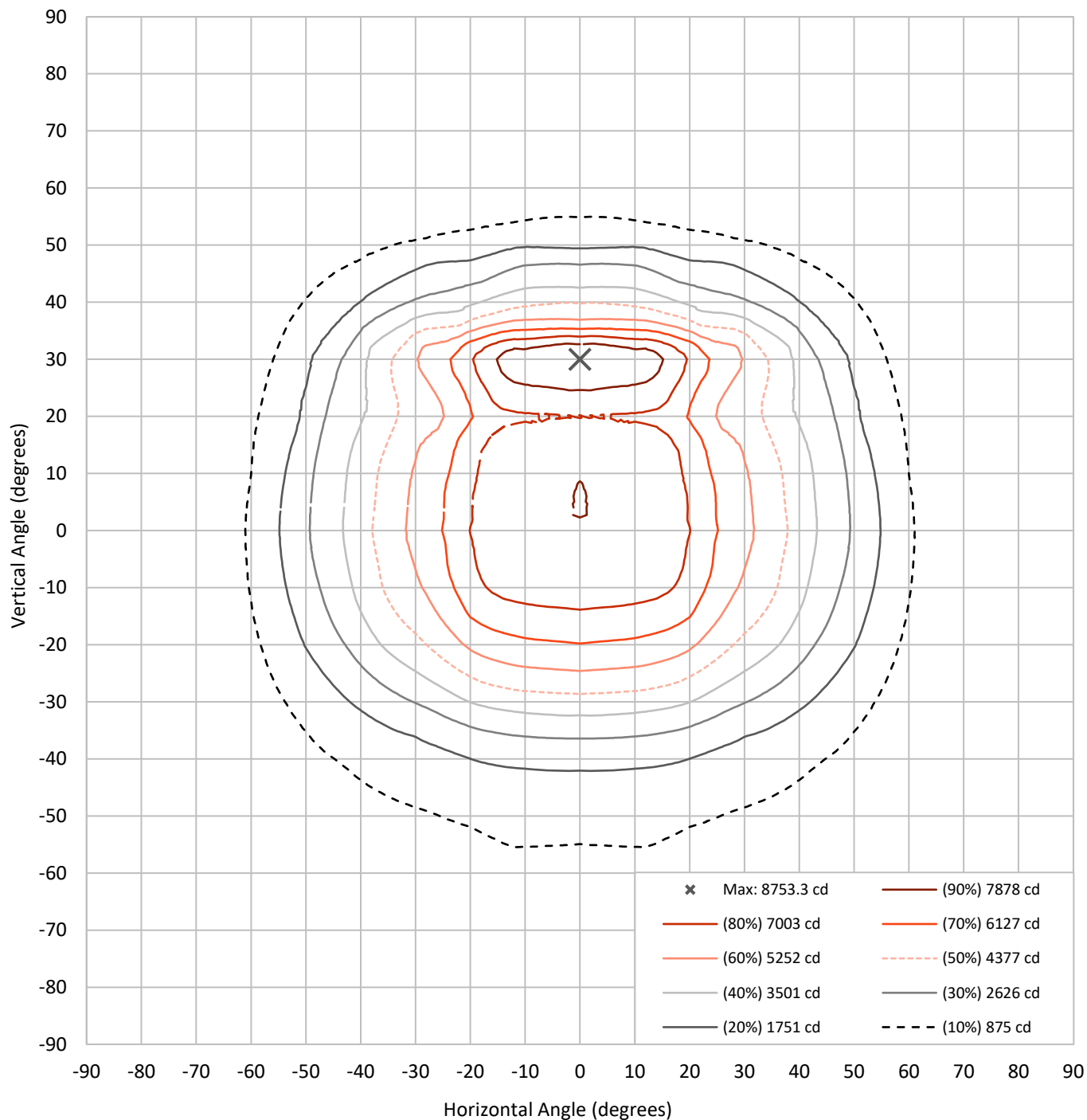
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	12538.6 lumens	Max Intensity:	8753.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	97.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	7999.1 lumens	Field Lumens:	11821.1 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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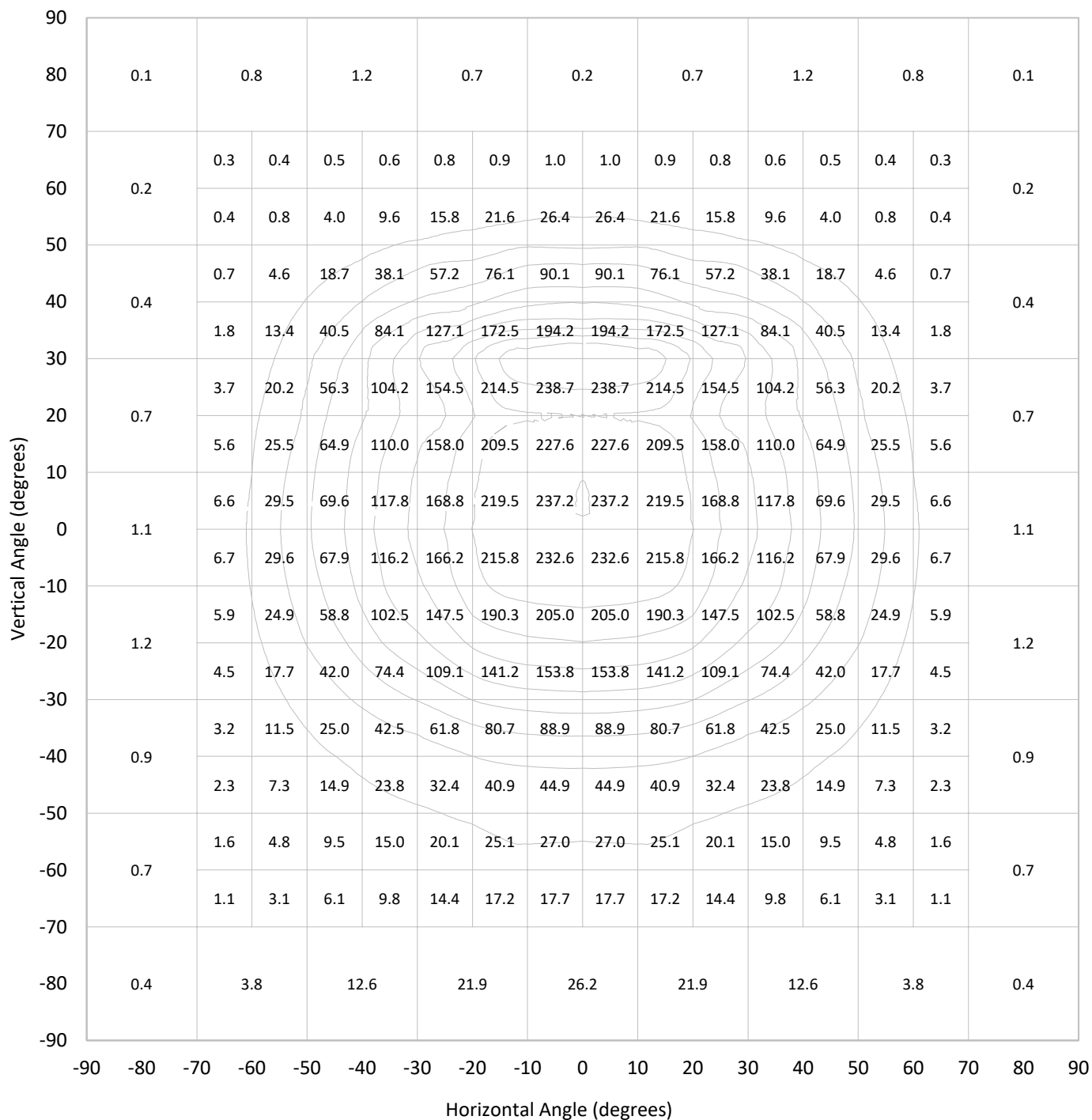
Iso-Candela Plot



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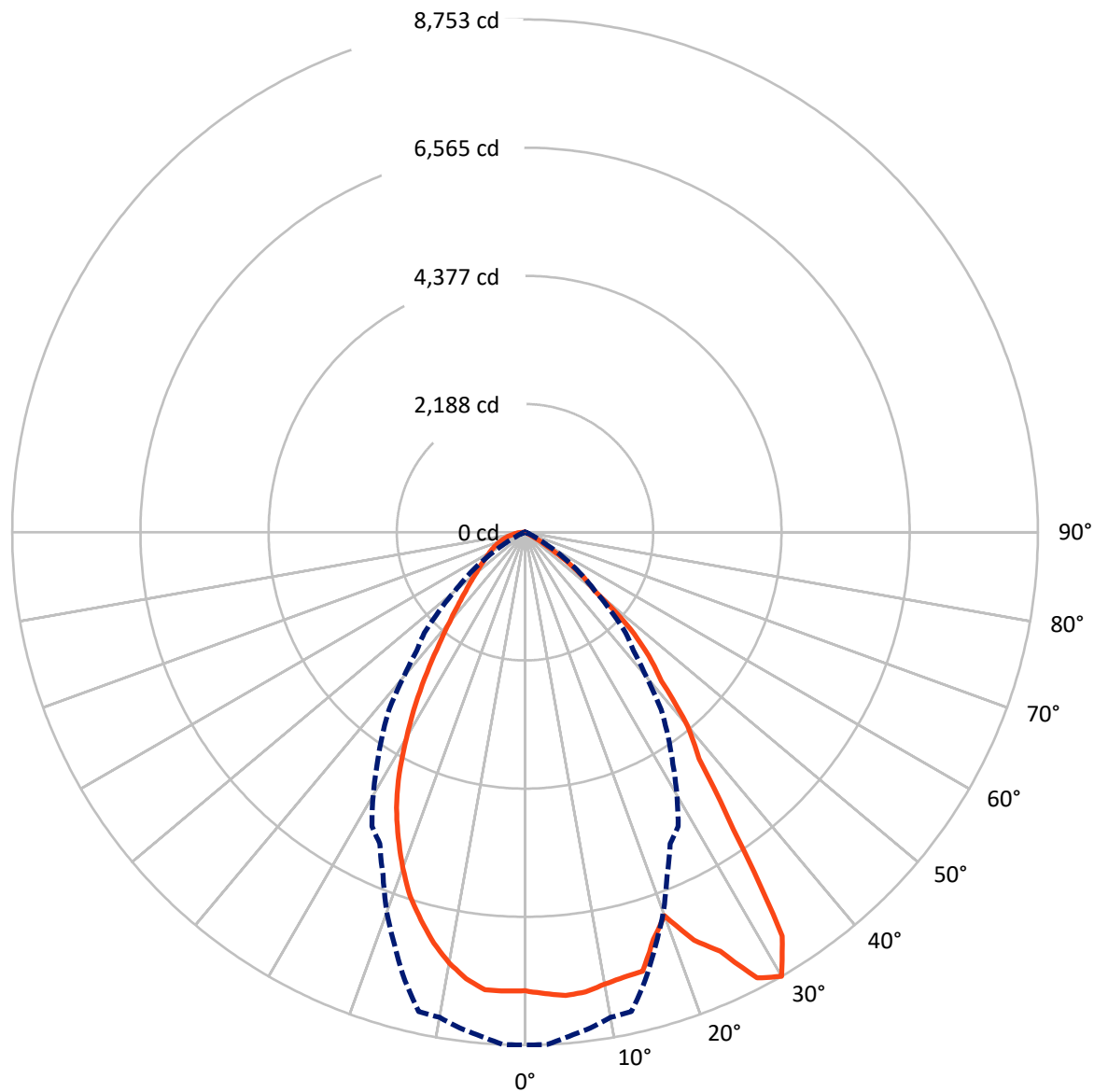
Lumen Table



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Luminous Intensity Polar Plot

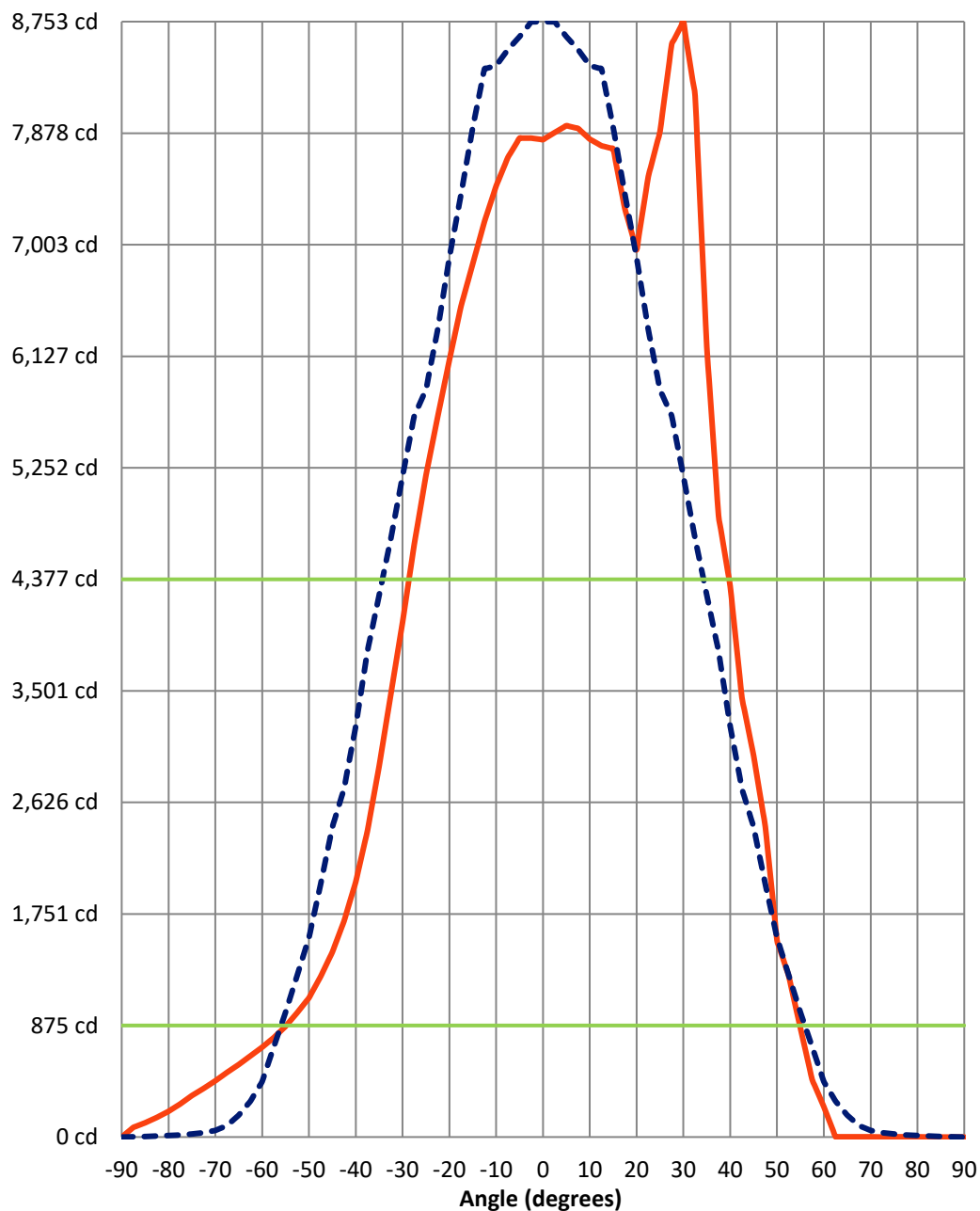


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 7999.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 11821.1

Efficiency: 94.3%

Spill:

Lumens: 717.5

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	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	0.0	2.0	2.0	2.0	4.0	4.0	4.0	4.0	4.0	4.0	6.0
82.5°	0.0	2.0	2.0	2.0	4.0	4.0	4.0	4.0	6.0	6.0	8.0
80°	2.0	2.0	2.0	2.0	4.0	4.0	4.0	6.0	6.0	8.0	8.0
77.5°	2.0	2.0	2.0	4.0	4.0	4.0	6.0	6.0	8.0	8.0	10.0
75°	2.0	2.0	2.0	4.0	4.0	6.0	6.0	6.0	8.0	8.0	10.0
72.5°	0.0	2.0	2.0	4.0	4.0	6.0	6.0	6.0	8.0	8.0	8.0
70°	2.0	2.0	2.0	4.0	4.0	6.0	6.0	6.0	8.0	8.0	8.0
67.5°	2.0	2.0	2.0	4.0	4.0	6.0	6.0	8.0	8.0	8.0	10.0
65°	2.0	2.0	2.0	4.0	6.0	6.0	8.0	10.0	10.0	12.0	14.0
62.5°	2.0	4.0	4.0	6.0	8.0	10.0	22.0	33.9	33.9	24.0	20.0
60°	237.5	257.5	255.5	231.6	201.6	169.7	163.7	157.7	145.7	127.8	133.7
57.5°	451.1	475.1	485.1	479.1	463.1	435.2	419.2	401.2	377.3	349.3	317.4
55°	854.4	864.4	842.4	800.5	754.6	708.7	692.7	668.7	632.8	596.9	549.0
52.5°	1263.6	1297.5	1287.5	1245.6	1183.7	1101.9	1012.1	942.2	900.3	860.4	812.5
50°	1543.1	1557.0	1585.0	1634.9	1652.9	1597.0	1451.2	1263.6	1129.8	1197.7	1145.8
47.5°	2435.4	2505.2	2491.3	2455.3	2395.4	2243.7	2040.1	1872.4	1732.7	1686.8	1694.8
45°	2992.3	3020.2	3010.3	2994.3	2966.4	2824.6	2599.1	2341.5	2211.8	2159.9	2106.0
42.5°	3449.4	3479.4	3485.4	3487.4	3457.4	3327.7	3124.1	2866.5	2736.8	2587.1	2469.3
40°	4321.8	4365.7	4315.8	4249.9	4150.1	4002.4	3802.8	3565.2	3335.6	3152.0	3012.3
37.5°	4878.7	4932.6	4952.6	4948.6	4926.6	4862.7	4617.2	4391.6	4040.3	3629.1	3702.9
35°	6200.2	6256.1	6240.1	6180.2	6148.3	6080.4	5840.9	5573.4	5132.2	4685.1	4565.3
32.5°	8170.4	8292.2	8064.6	7815.1	7661.4	7715.3	7471.8	6817.0	6613.4	5806.9	5433.7
30°	8753.3	8751.3	8635.6	8533.7	8408.0	8382.0	7922.9	7399.9	6900.9	6335.9	5864.8
27.5°	8575.7	8539.7	8441.9	8368.1	8250.3	8188.4	7739.3	7324.1	6747.2	6242.1	5787.0
25°	7891.0	7918.9	7819.1	7805.1	7759.2	7639.5	7415.9	6948.8	6433.7	5874.8	5547.4
22.5°	7537.6	7527.7	7407.9	7338.0	7393.9	7266.2	7176.3	6705.2	6168.3	5697.2	5303.9
20°	6962.7	6964.7	6934.8	6928.8	6894.9	6837.0	6765.1	6431.8	6052.5	5649.2	5176.1
17.5°	7284.1	7366.0	7401.9	7104.5	7188.3	7122.4	7046.6	6581.5	6296.0	5938.7	5321.9
15°	7755.2	7725.3	7689.4	7673.4	7627.5	7565.6	7427.9	7056.6	6565.5	6196.2	5715.1
12.5°	7779.2	7721.3	7707.3	7705.3	7657.4	7571.6	7437.8	7130.4	6695.3	6246.1	5854.9
10°	7831.1	7771.2	7763.2	7773.2	7699.3	7645.4	7511.7	7226.2	6735.2	6331.9	5962.6
7.5°	7914.9	7815.1	7861.0	7831.1	7797.2	7711.3	7567.6	7288.1	6880.9	6445.7	6058.5
5°	7936.9	7827.1	7877.0	7849.1	7799.1	7715.3	7559.6	7328.0	6970.7	6491.6	6096.4
2.5°	7883.0	7851.0	7829.1	7777.2	7755.2	7663.4	7515.7	7268.2	6928.8	6471.7	6088.4
0°	7827.1	7855.0	7805.1	7753.2	7743.3	7669.4	7543.6	7320.1	7026.6	6527.6	6156.3
-2.5°	7839.1	7817.1	7783.2	7729.3	7677.4	7571.6	7457.8	7248.2	6932.8	6405.8	6060.5
-5°	7839.1	7737.3	7741.3	7743.3	7691.4	7581.6	7443.8	7266.2	6876.9	6403.8	6032.5
-7.5°	7687.4	7599.5	7585.6	7573.6	7559.6	7457.8	7350.0	7128.4	6783.1	6351.9	5954.7
-10°	7463.8	7378.0	7385.9	7368.0	7324.1	7256.2	7174.3	6974.7	6691.3	6188.2	5797.0
-12.5°	7184.3	7146.4	7124.4	7094.5	7050.6	6990.7	6906.8	6719.2	6415.8	5986.6	5615.3
-15°	6853.0	6825.0	6805.0	6787.1	6723.2	6661.3	6551.5	6377.9	6188.2	5727.1	5347.8
-17.5°	6521.6	6451.7	6423.8	6399.8	6357.9	6258.1	6158.3	6028.5	5763.0	5397.7	5072.3
-20°	6096.4	6054.5	6020.5	5988.6	5928.7	5850.9	5769.0	5619.3	5389.7	5094.3	4756.9

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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°	5651.2	5627.3	5599.3	5559.4	5519.5	5445.6	5331.8	5188.1	5008.5	4689.1	4373.7
-25°	5192.1	5146.2	5112.3	5074.3	5042.4	4974.5	4864.7	4727.0	4501.4	4226.0	3962.5
-27.5°	4651.1	4607.2	4589.3	4545.3	4517.4	4455.5	4345.7	4218.0	4014.4	3782.8	3515.3
-30°	4040.3	4048.3	4028.3	3986.4	3952.5	3872.6	3788.8	3681.0	3521.3	3299.7	3060.2
-32.5°	3475.4	3485.4	3461.4	3417.5	3373.6	3315.7	3237.8	3140.0	3020.2	2808.7	2601.0
-35°	2910.5	2906.5	2886.5	2860.6	2830.6	2782.7	2694.9	2621.0	2483.3	2335.6	2191.8
-37.5°	2403.4	2413.4	2407.4	2393.4	2359.5	2319.6	2247.7	2179.8	2078.0	1948.3	1836.5
-40°	2002.2	2014.2	2006.2	1992.2	1962.3	1938.3	1890.4	1830.5	1748.7	1636.9	1543.1
-42.5°	1694.8	1702.8	1692.8	1680.8	1654.8	1636.9	1599.0	1549.1	1481.2	1395.3	1311.5
-45°	1451.2	1453.2	1443.3	1435.3	1415.3	1393.3	1361.4	1321.5	1267.6	1207.7	1139.8
-47.5°	1259.6	1257.6	1247.6	1239.6	1223.7	1203.7	1177.8	1141.8	1099.9	1054.0	1000.1
-50°	1091.9	1101.9	1097.9	1089.9	1077.9	1064.0	1038.0	1000.1	958.2	924.2	886.3
-52.5°	976.1	978.1	976.1	976.1	974.1	964.2	934.2	896.3	850.4	820.4	788.5
-55°	868.3	878.3	882.3	886.3	888.3	888.3	852.4	812.5	768.5	738.6	714.6
-57.5°	780.5	786.5	790.5	800.5	808.5	814.4	782.5	746.6	712.6	684.7	662.7
-60°	704.7	712.6	718.6	728.6	734.6	738.6	718.6	694.7	674.7	656.7	624.8
-62.5°	636.8	642.8	648.8	654.8	660.7	664.7	656.7	644.8	634.8	626.8	586.9
-65°	568.9	574.9	580.9	588.9	594.9	598.9	596.9	588.9	580.9	572.9	537.0
-67.5°	507.0	513.0	521.0	523.0	527.0	529.0	525.0	519.0	509.0	499.0	471.1
-70°	441.2	445.2	449.1	449.1	449.1	447.1	443.2	435.2	425.2	411.2	389.3
-72.5°	381.3	385.3	389.3	383.3	379.3	373.3	367.3	357.3	347.3	337.4	325.4
-75°	325.4	327.4	327.4	319.4	313.4	307.4	299.4	293.4	283.5	275.5	265.5
-77.5°	259.5	259.5	259.5	253.5	249.5	245.5	239.5	233.6	225.6	219.6	211.6
-80°	201.6	201.6	201.6	199.6	193.6	189.6	185.6	181.7	175.7	171.7	167.7
-82.5°	153.7	153.7	153.7	151.7	147.7	145.7	141.7	137.7	135.7	131.7	129.8
-85°	111.8	113.8	113.8	111.8	109.8	105.8	103.8	101.8	99.8	97.8	93.8
-87.5°	75.9	75.9	75.9	73.9	71.9	71.9	69.9	65.9	61.9	59.9	57.9
-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	6.0	6.0	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0
82.5°	10.0	10.0	12.0	12.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
80°	10.0	12.0	14.0	16.0	18.0	20.0	20.0	20.0	20.0	18.0	18.0
77.5°	12.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	22.0	22.0	22.0
75°	12.0	14.0	14.0	16.0	18.0	20.0	22.0	24.0	24.0	24.0	24.0
72.5°	10.0	12.0	14.0	16.0	16.0	18.0	20.0	20.0	22.0	22.0	24.0
70°	10.0	12.0	14.0	14.0	16.0	16.0	18.0	20.0	20.0	22.0	22.0
67.5°	12.0	14.0	14.0	16.0	18.0	18.0	18.0	20.0	20.0	22.0	22.0
65°	14.0	16.0	16.0	18.0	20.0	20.0	22.0	22.0	22.0	24.0	24.0
62.5°	24.0	24.0	24.0	22.0	24.0	24.0	24.0	26.0	26.0	24.0	26.0
60°	123.8	89.8	61.9	77.9	69.9	31.9	31.9	31.9	29.9	29.9	27.9
57.5°	291.4	271.5	233.6	197.6	177.7	157.7	97.8	39.9	39.9	35.9	31.9
55°	487.1	421.2	393.3	345.3	293.4	269.5	223.6	151.7	71.9	47.9	41.9
52.5°	754.6	692.7	620.8	523.0	453.1	397.2	359.3	285.5	191.6	101.8	63.9
50°	1010.1	982.1	938.2	842.4	696.7	602.9	541.0	457.1	343.3	209.6	119.8
47.5°	1626.9	1393.3	1251.6	1177.8	1056.0	878.3	758.6	664.7	527.0	353.3	211.6
45°	2048.1	1900.4	1674.8	1519.1	1339.4	1151.8	996.1	888.3	724.6	529.0	331.4
42.5°	2409.4	2281.7	2078.0	1850.5	1660.8	1415.3	1215.7	1074.0	936.2	722.6	495.1
40°	2874.5	2722.8	2527.2	2305.6	2084.0	1770.6	1447.2	1275.6	1123.9	934.2	668.7
37.5°	3641.1	3373.6	3054.2	2808.7	2519.2	2253.7	1810.6	1507.1	1327.5	1129.8	872.3
35°	4563.3	4269.9	3736.9	3411.5	3024.2	2629.0	2229.8	1780.6	1525.1	1315.5	1060.0
32.5°	5421.7	4992.5	4309.8	3928.5	3671.0	2942.4	2529.2	2139.9	1728.7	1471.2	1167.8
30°	5659.2	5186.1	4697.1	4251.9	3812.7	3223.9	2734.8	2431.4	1984.2	1565.0	1269.6
27.5°	5419.7	5094.3	4715.0	4301.8	3826.7	3321.7	2860.6	2571.1	2171.9	1628.9	1349.4
25°	5176.1	4836.8	4571.3	4226.0	3786.8	3315.7	2864.5	2658.9	2317.6	1752.7	1393.3
22.5°	4918.6	4707.0	4487.5	4102.2	3687.0	3333.7	2994.3	2734.8	2393.4	1892.4	1411.3
20°	4932.6	4794.9	4553.3	4038.3	3669.0	3439.5	3150.0	2830.6	2475.3	2014.2	1425.3
17.5°	5156.2	4976.5	4673.1	4226.0	3830.7	3547.2	3279.8	2962.4	2559.1	2122.0	1595.0
15°	5431.7	5158.2	4840.8	4447.5	4000.4	3665.0	3379.6	3054.2	2654.9	2221.8	1746.7
12.5°	5631.3	5242.0	4944.6	4589.3	4184.0	3792.8	3445.4	3124.1	2744.8	2303.6	1860.5
10°	5699.1	5345.8	4994.5	4677.1	4277.9	3860.6	3495.3	3168.0	2822.6	2367.5	1944.3
7.5°	5735.1	5435.6	5028.4	4717.0	4333.7	3902.6	3535.3	3191.9	2884.5	2411.4	1998.2
5°	5731.1	5483.6	5054.4	4729.0	4363.7	3920.5	3563.2	3197.9	2928.4	2449.3	2030.1
2.5°	5713.1	5515.5	5096.3	4749.0	4423.6	3954.5	3617.1	3209.9	2944.4	2491.3	2052.1
0°	5779.0	5517.5	5140.2	4754.9	4463.5	3966.4	3641.1	3199.9	2922.4	2503.2	2050.1
-2.5°	5637.3	5399.7	5130.2	4703.0	4409.6	3938.5	3597.2	3168.0	2874.5	2489.3	2042.1
-5°	5613.3	5313.9	5046.4	4655.1	4319.8	3880.6	3515.3	3108.1	2798.7	2443.3	2010.2
-7.5°	5549.4	5232.0	4964.5	4617.2	4235.9	3820.7	3437.5	3046.2	2716.8	2371.5	1964.3
-10°	5409.7	5106.3	4876.7	4535.4	4134.1	3734.9	3343.6	2964.4	2621.0	2273.7	1892.4
-12.5°	5210.1	4906.7	4679.1	4361.7	4006.4	3619.1	3231.8	2858.6	2511.2	2169.9	1806.6
-15°	4984.5	4677.1	4449.5	4160.1	3816.7	3439.5	3090.1	2724.8	2385.5	2060.1	1704.8
-17.5°	4729.0	4437.5	4218.0	3936.5	3595.2	3235.8	2888.5	2557.1	2239.7	1946.3	1587.0
-20°	4433.6	4150.1	3948.5	3667.0	3353.6	3004.3	2666.9	2353.5	2068.1	1792.6	1457.2

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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°	4068.3	3818.7	3589.2	3337.6	3064.2	2744.8	2431.4	2153.9	1880.4	1610.9	1323.5
-25°	3695.0	3453.4	3229.8	3000.3	2738.8	2463.3	2195.8	1944.3	1676.8	1433.3	1193.7
-27.5°	3279.8	3064.2	2864.5	2652.9	2413.4	2175.9	1956.3	1710.7	1479.2	1271.6	1066.0
-30°	2836.6	2660.9	2487.3	2299.6	2106.0	1906.4	1710.7	1479.2	1297.5	1131.8	958.2
-32.5°	2411.4	2253.7	2114.0	1974.2	1806.6	1642.9	1469.2	1297.5	1145.8	1000.1	854.4
-35°	2038.1	1870.4	1792.6	1680.8	1547.1	1399.3	1257.6	1137.8	1016.1	884.3	754.6
-37.5°	1714.7	1606.9	1515.1	1431.3	1325.5	1197.7	1095.9	998.1	896.3	776.5	664.7
-40°	1461.2	1383.4	1291.5	1229.7	1143.8	1052.0	950.2	868.3	782.5	684.7	592.9
-42.5°	1257.6	1193.7	1133.8	1068.0	1004.1	926.2	838.4	760.6	682.7	610.8	535.0
-45°	1089.9	1044.0	996.1	942.2	886.3	818.4	746.6	666.7	610.8	547.0	483.1
-47.5°	952.2	918.3	878.3	836.4	788.5	728.6	662.7	604.8	547.0	493.1	431.2
-50°	842.4	810.5	778.5	742.6	700.7	648.8	598.9	545.0	491.1	439.2	381.3
-52.5°	750.6	722.6	696.7	666.7	626.8	582.9	537.0	489.1	439.2	387.3	341.3
-55°	686.7	654.8	628.8	598.9	562.9	521.0	479.1	435.2	387.3	347.3	309.4
-57.5°	634.8	598.9	568.9	537.0	501.0	465.1	427.2	387.3	351.3	313.4	277.5
-60°	590.9	549.0	515.0	483.1	449.1	415.2	383.3	349.3	315.4	281.5	245.5
-62.5°	545.0	501.0	459.1	429.2	403.2	373.3	345.3	313.4	283.5	249.5	223.6
-65°	493.1	451.1	411.2	385.3	361.3	335.4	309.4	281.5	255.5	229.6	205.6
-67.5°	435.2	399.2	371.3	347.3	323.4	301.4	277.5	253.5	231.6	205.6	181.7
-70°	365.3	345.3	329.4	311.4	289.4	269.5	247.5	225.6	201.6	179.7	157.7
-72.5°	311.4	299.4	287.5	269.5	249.5	231.6	213.6	193.6	173.7	153.7	135.7
-75°	255.5	245.5	235.6	223.6	207.6	193.6	177.7	159.7	143.7	129.8	115.8
-77.5°	205.6	197.6	191.6	181.7	169.7	157.7	147.7	135.7	123.8	109.8	95.8
-80°	163.7	159.7	157.7	153.7	143.7	133.7	125.8	115.8	103.8	93.8	83.8
-82.5°	127.8	127.8	125.8	123.8	115.8	107.8	101.8	93.8	85.8	77.9	67.9
-85°	93.8	91.8	91.8	89.8	83.8	79.8	73.9	69.9	63.9	55.9	51.9
-87.5°	55.9	53.9	51.9	49.9	45.9	43.9	39.9	37.9	33.9	29.9	27.9
-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-935-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
85°	6.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0
82.5°	12.0	12.0	10.0	10.0	8.0	6.0	4.0	4.0	4.0	2.0	2.0
80°	18.0	18.0	18.0	16.0	14.0	10.0	8.0	6.0	4.0	2.0	2.0
77.5°	22.0	20.0	20.0	18.0	18.0	16.0	12.0	10.0	6.0	4.0	2.0
75°	22.0	22.0	22.0	20.0	20.0	18.0	16.0	12.0	10.0	6.0	4.0
72.5°	24.0	22.0	22.0	22.0	20.0	18.0	16.0	14.0	12.0	8.0	4.0
70°	22.0	22.0	22.0	22.0	20.0	20.0	16.0	14.0	14.0	8.0	6.0
67.5°	22.0	22.0	22.0	20.0	20.0	18.0	16.0	14.0	14.0	10.0	6.0
65°	24.0	22.0	22.0	22.0	20.0	18.0	16.0	14.0	14.0	12.0	8.0
62.5°	26.0	24.0	24.0	22.0	20.0	18.0	16.0	14.0	14.0	12.0	8.0
60°	27.9	26.0	24.0	24.0	22.0	20.0	16.0	16.0	14.0	12.0	8.0
57.5°	29.9	27.9	27.9	26.0	24.0	22.0	18.0	16.0	14.0	12.0	10.0
55°	35.9	31.9	29.9	29.9	27.9	24.0	20.0	16.0	14.0	12.0	10.0
52.5°	47.9	37.9	33.9	33.9	31.9	27.9	22.0	18.0	14.0	12.0	10.0
50°	75.9	47.9	39.9	35.9	35.9	31.9	26.0	20.0	14.0	12.0	10.0
47.5°	119.8	79.8	47.9	41.9	39.9	37.9	29.9	20.0	16.0	12.0	10.0
45°	197.6	117.8	77.9	49.9	41.9	39.9	33.9	22.0	16.0	14.0	10.0
42.5°	271.5	183.7	119.8	59.9	49.9	43.9	35.9	24.0	18.0	14.0	10.0
40°	427.2	251.5	167.7	97.8	57.9	45.9	39.9	27.9	18.0	14.0	10.0
37.5°	578.9	333.4	225.6	143.7	65.9	51.9	41.9	29.9	20.0	14.0	12.0
35°	730.6	467.1	279.5	191.6	87.8	61.9	43.9	31.9	20.0	14.0	12.0
32.5°	866.4	592.9	335.4	239.5	131.7	73.9	47.9	33.9	22.0	16.0	12.0
30°	978.1	708.7	435.2	281.5	171.7	89.8	51.9	33.9	24.0	16.0	12.0
27.5°	1062.0	798.5	537.0	325.4	205.6	105.8	59.9	37.9	24.0	16.0	12.0
25°	1129.8	868.3	626.8	371.3	235.6	131.7	71.9	39.9	26.0	18.0	12.0
22.5°	1183.7	926.2	700.7	433.2	271.5	157.7	87.8	43.9	26.0	18.0	12.0
20°	1257.6	984.1	750.6	499.0	309.4	181.7	101.8	47.9	26.0	18.0	14.0
17.5°	1321.5	1042.0	790.5	554.9	347.3	199.6	117.8	51.9	27.9	18.0	14.0
15°	1395.3	1097.9	826.4	598.9	383.3	215.6	131.7	55.9	27.9	20.0	14.0
12.5°	1475.2	1149.8	852.4	634.8	421.2	229.6	143.7	63.9	29.9	20.0	14.0
10°	1557.0	1193.7	874.3	660.7	449.1	243.5	151.7	71.9	31.9	20.0	14.0
7.5°	1638.9	1233.7	902.3	672.7	461.1	259.5	155.7	79.8	31.9	22.0	14.0
5°	1694.8	1259.6	942.2	680.7	467.1	277.5	161.7	89.8	33.9	22.0	14.0
2.5°	1742.7	1275.6	984.1	686.7	469.1	287.5	159.7	95.8	35.9	22.0	14.0
0°	1764.6	1275.6	1012.1	682.7	463.1	297.4	159.7	101.8	35.9	22.0	14.0
-2.5°	1730.7	1311.5	1004.1	684.7	465.1	297.4	167.7	103.8	39.9	24.0	14.0
-5°	1676.8	1325.5	980.1	674.7	461.1	297.4	177.7	105.8	41.9	24.0	16.0
-7.5°	1624.9	1331.5	952.2	664.7	455.1	289.4	179.7	103.8	45.9	26.0	16.0
-10°	1557.0	1265.6	916.3	646.8	443.2	283.5	183.7	103.8	47.9	26.0	16.0
-12.5°	1479.2	1185.7	872.3	620.8	429.2	277.5	185.6	103.8	49.9	27.9	16.0
-15°	1389.4	1103.9	822.4	592.9	409.2	269.5	181.7	101.8	51.9	27.9	18.0
-17.5°	1287.5	1024.0	770.5	558.9	387.3	259.5	173.7	99.8	51.9	27.9	18.0
-20°	1171.8	944.2	712.6	525.0	361.3	247.5	165.7	95.8	51.9	27.9	18.0



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CATALOG NUMBER: IFLD-M-SA4A-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1068.0	870.3	652.8	487.1	333.4	233.6	155.7	91.8	51.9	29.9	18.0
-25°	982.1	798.5	606.8	449.1	303.4	217.6	145.7	87.8	51.9	29.9	18.0
-27.5°	892.3	720.6	558.9	413.2	283.5	203.6	135.7	83.8	49.9	29.9	18.0
-30°	800.5	644.8	509.0	373.3	263.5	189.6	127.8	77.9	49.9	29.9	18.0
-32.5°	716.6	582.9	463.1	333.4	241.5	175.7	119.8	75.9	47.9	29.9	18.0
-35°	634.8	527.0	415.2	301.4	217.6	161.7	111.8	73.9	47.9	29.9	18.0
-37.5°	566.9	475.1	371.3	279.5	203.6	149.7	103.8	69.9	45.9	29.9	18.0
-40°	511.0	427.2	329.4	255.5	191.6	137.7	95.8	67.9	45.9	29.9	18.0
-42.5°	459.1	381.3	303.4	235.6	179.7	129.8	89.8	65.9	43.9	29.9	18.0
-45°	413.2	341.3	277.5	217.6	165.7	119.8	85.8	61.9	41.9	29.9	20.0
-47.5°	367.3	313.4	253.5	201.6	151.7	107.8	81.8	59.9	39.9	27.9	20.0
-50°	331.4	283.5	233.6	183.7	137.7	103.8	77.9	55.9	39.9	27.9	20.0
-52.5°	299.4	255.5	211.6	165.7	125.8	97.8	73.9	51.9	37.9	27.9	20.0
-55°	269.5	229.6	189.6	147.7	117.8	91.8	67.9	47.9	37.9	27.9	20.0
-57.5°	239.5	205.6	167.7	133.7	107.8	85.8	63.9	47.9	37.9	27.9	20.0
-60°	215.6	183.7	151.7	123.8	99.8	77.9	57.9	45.9	35.9	27.9	20.0
-62.5°	195.6	165.7	137.7	111.8	91.8	69.9	55.9	45.9	35.9	27.9	18.0
-65°	175.7	149.7	123.8	101.8	81.8	65.9	53.9	43.9	35.9	27.9	18.0
-67.5°	155.7	131.7	111.8	89.8	75.9	63.9	51.9	43.9	33.9	26.0	18.0
-70°	135.7	115.8	97.8	83.8	71.9	59.9	49.9	41.9	33.9	24.0	16.0
-72.5°	119.8	101.8	87.8	77.9	67.9	57.9	47.9	39.9	31.9	22.0	14.0
-75°	101.8	89.8	79.8	69.9	61.9	53.9	45.9	35.9	27.9	20.0	14.0
-77.5°	85.8	77.9	69.9	63.9	55.9	47.9	39.9	31.9	26.0	18.0	12.0
-80°	73.9	67.9	61.9	55.9	49.9	41.9	35.9	27.9	22.0	16.0	10.0
-82.5°	59.9	55.9	49.9	45.9	41.9	35.9	29.9	24.0	16.0	12.0	8.0
-85°	45.9	41.9	39.9	35.9	31.9	26.0	20.0	16.0	12.0	8.0	4.0
-87.5°	24.0	22.0	20.0	18.0	16.0	12.0	10.0	8.0	6.0	4.0	2.0
-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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CATALOG NUMBER: IFLD-M-SA4A-935-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°	2.0	0.0	0.0	0.0
77.5°	2.0	0.0	0.0	0.0
75°	2.0	2.0	0.0	0.0
72.5°	2.0	2.0	0.0	0.0
70°	2.0	2.0	0.0	0.0
67.5°	4.0	2.0	0.0	0.0
65°	4.0	2.0	0.0	0.0
62.5°	4.0	2.0	0.0	0.0
60°	4.0	2.0	0.0	0.0
57.5°	6.0	2.0	2.0	0.0
55°	6.0	2.0	2.0	0.0
52.5°	6.0	2.0	2.0	0.0
50°	6.0	4.0	2.0	0.0
47.5°	6.0	4.0	2.0	0.0
45°	6.0	4.0	2.0	0.0
42.5°	6.0	4.0	2.0	0.0
40°	8.0	4.0	2.0	0.0
37.5°	8.0	4.0	2.0	0.0
35°	8.0	4.0	2.0	0.0
32.5°	8.0	4.0	2.0	0.0
30°	8.0	4.0	2.0	0.0
27.5°	8.0	6.0	2.0	0.0
25°	8.0	6.0	2.0	0.0
22.5°	10.0	6.0	2.0	0.0
20°	10.0	6.0	2.0	0.0
17.5°	10.0	6.0	2.0	0.0
15°	10.0	6.0	2.0	0.0
12.5°	10.0	6.0	2.0	0.0
10°	10.0	6.0	2.0	0.0
7.5°	10.0	6.0	2.0	0.0
5°	10.0	6.0	2.0	0.0
2.5°	10.0	6.0	2.0	0.0
0°	10.0	6.0	2.0	0.0
-2.5°	10.0	6.0	2.0	0.0
-5°	10.0	6.0	2.0	0.0
-7.5°	10.0	6.0	2.0	0.0
-10°	10.0	6.0	2.0	0.0
-12.5°	12.0	6.0	2.0	0.0
-15°	12.0	6.0	2.0	0.0
-17.5°	12.0	6.0	2.0	0.0
-20°	12.0	6.0	2.0	0.0



REPORT NUMBER: P722699

CATALOG NUMBER: IFLD-M-SA4A-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	12.0	6.0	2.0	0.0
-25°	12.0	6.0	2.0	0.0
-27.5°	12.0	6.0	2.0	0.0
-30°	12.0	6.0	2.0	0.0
-32.5°	12.0	6.0	2.0	0.0
-35°	12.0	6.0	2.0	0.0
-37.5°	12.0	6.0	2.0	0.0
-40°	12.0	6.0	2.0	0.0
-42.5°	10.0	6.0	2.0	0.0
-45°	12.0	6.0	2.0	0.0
-47.5°	12.0	6.0	2.0	0.0
-50°	12.0	6.0	2.0	0.0
-52.5°	12.0	6.0	2.0	0.0
-55°	12.0	6.0	2.0	0.0
-57.5°	12.0	6.0	2.0	0.0
-60°	12.0	6.0	2.0	0.0
-62.5°	10.0	6.0	2.0	0.0
-65°	10.0	4.0	2.0	0.0
-67.5°	10.0	4.0	2.0	0.0
-70°	10.0	4.0	2.0	0.0
-72.5°	8.0	4.0	2.0	0.0
-75°	8.0	4.0	2.0	0.0
-77.5°	6.0	2.0	0.0	0.0
-80°	6.0	2.0	0.0	0.0
-82.5°	4.0	2.0	0.0	0.0
-85°	2.0	2.0	0.0	0.0
-87.5°	2.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)