

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: P722299

Luminaire Tested: **IFLD-L-SA7B-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722299
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

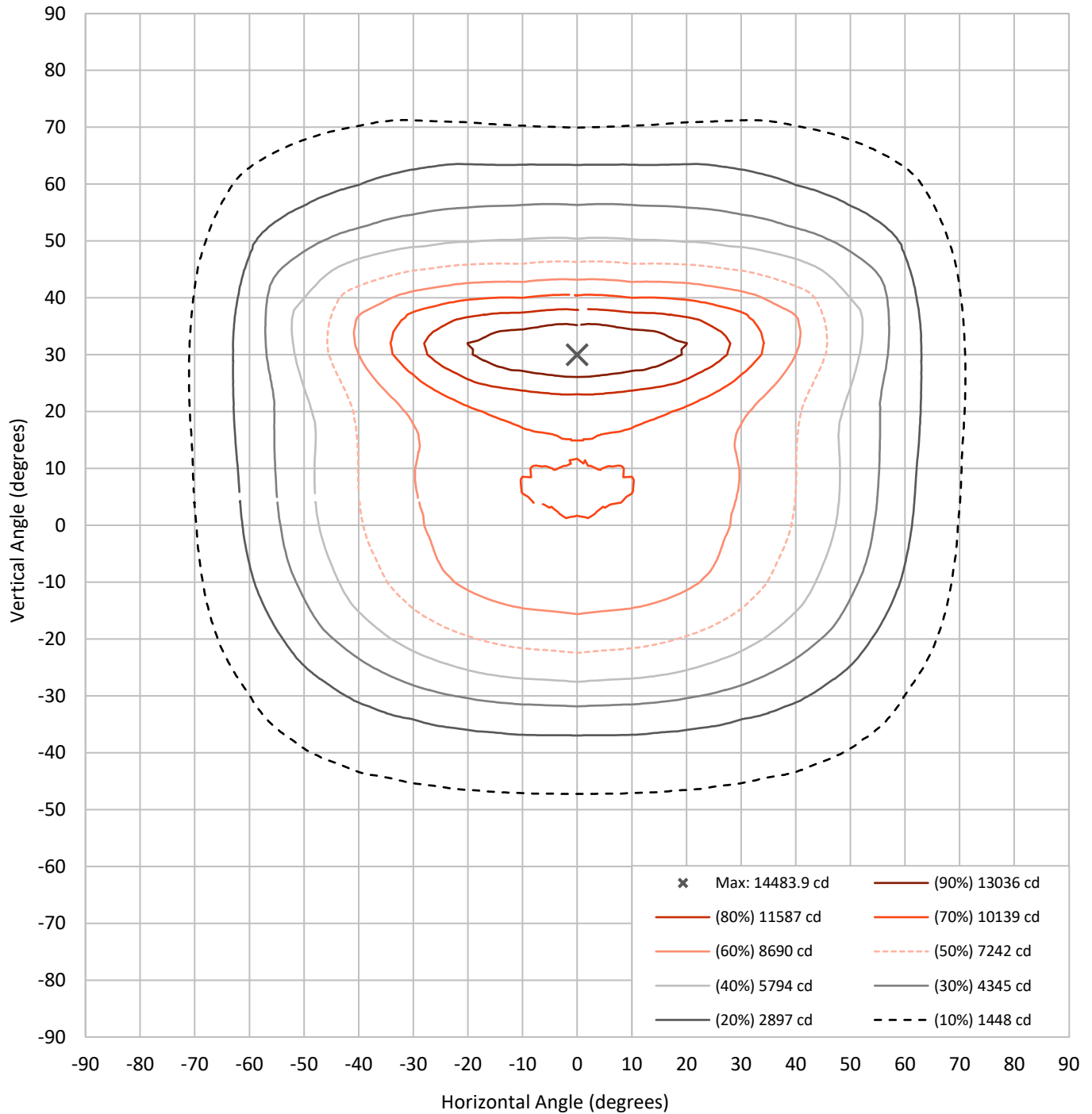
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	24177.3 lumens	Max Intensity:	14483.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	14059.4 lumens	Field Lumens:	22657.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 281
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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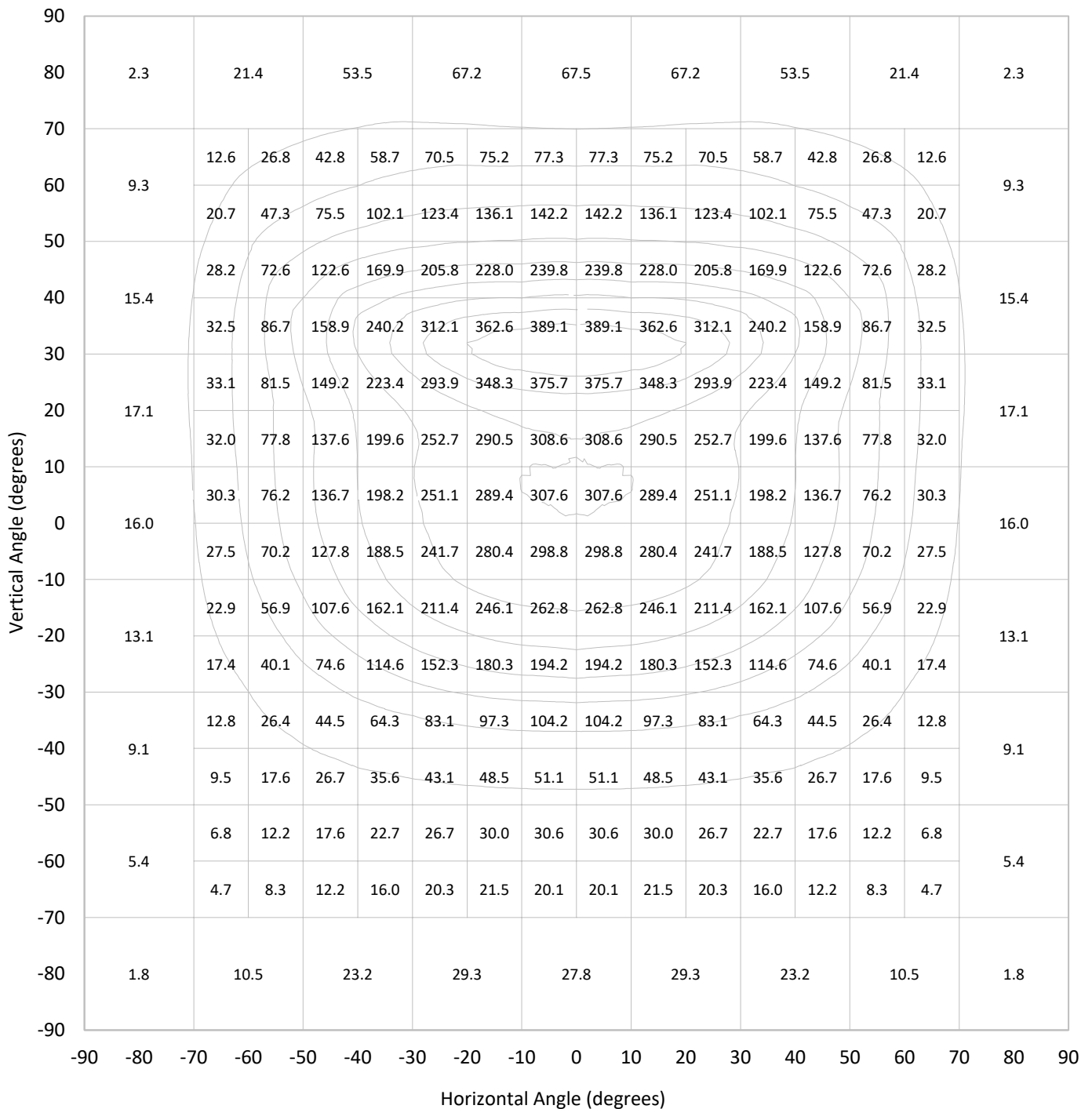
Iso-Candela Plot





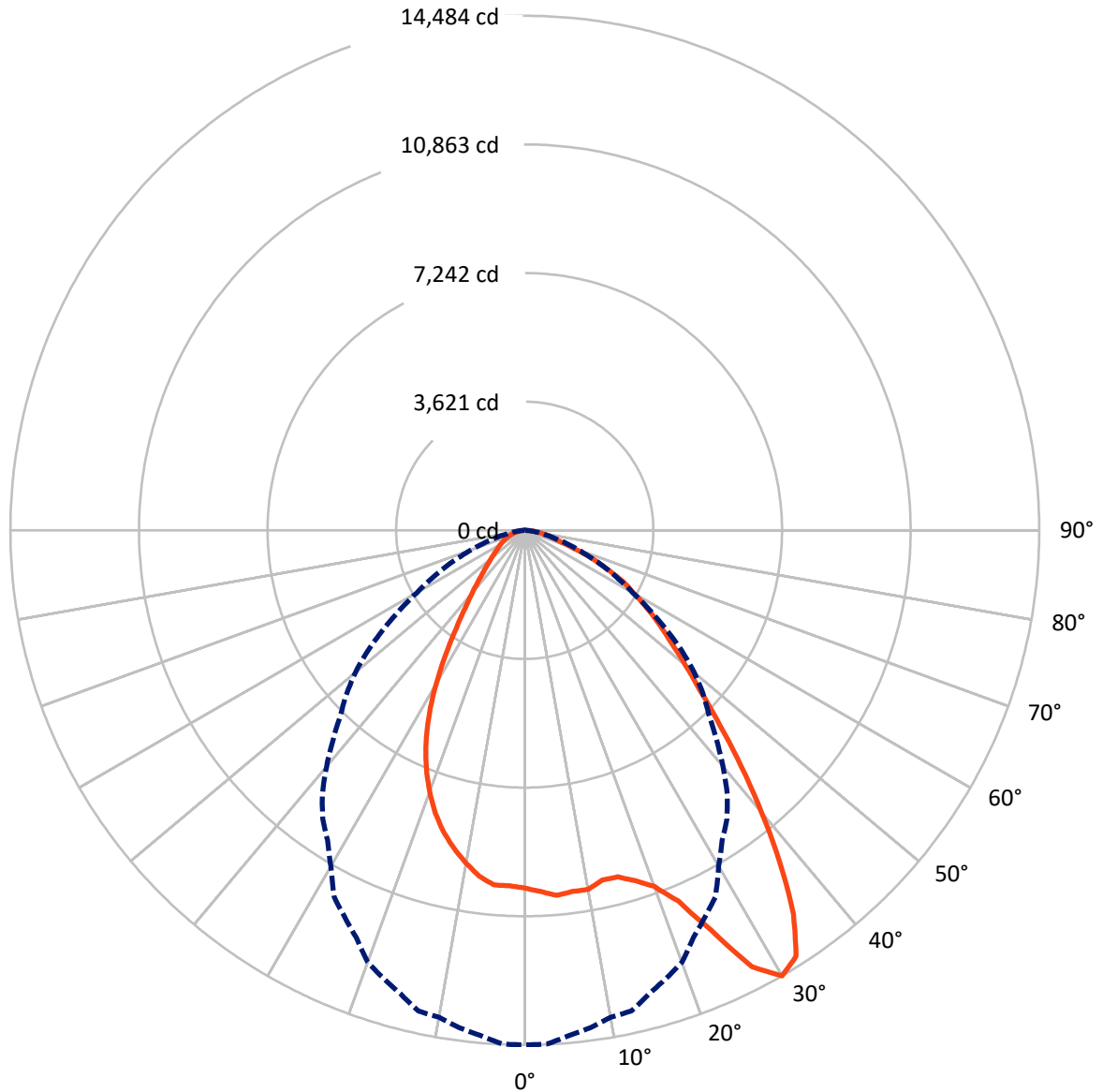
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Lumen Table



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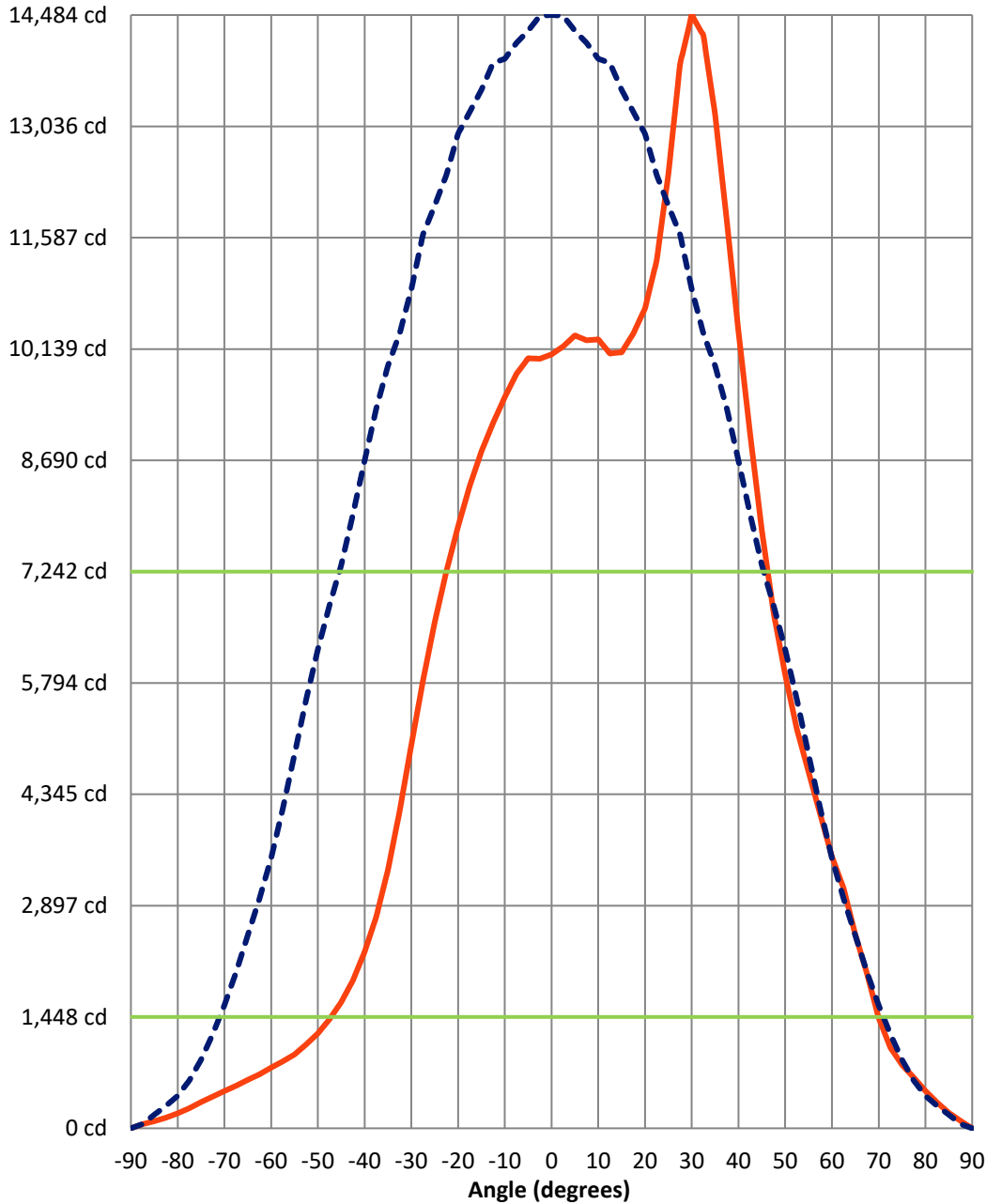
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 14059.4
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 22657.2
 Efficiency: 93.7%

Spill:
 Lumens: 1520
 Efficiency: 6.3%

— 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°	97.3	99.9	102.5	102.5	99.9	99.9	99.9	97.3	99.9	99.9	99.9
85°	202.3	207.5	212.6	210.0	207.5	202.3	197.2	199.8	202.3	204.9	204.9
82.5°	335.5	343.2	348.3	345.8	340.6	335.5	330.4	333.0	338.1	340.6	340.6
80°	486.6	489.2	491.8	496.9	489.2	489.2	486.6	496.9	502.0	507.1	512.3
77.5°	660.8	663.4	663.4	665.9	668.5	671.0	671.0	689.0	701.8	709.5	717.2
75°	824.7	832.4	840.1	847.8	858.0	863.1	870.8	896.4	916.9	932.3	947.7
72.5°	1050.1	1060.4	1073.2	1091.1	1109.0	1121.8	1139.8	1170.5	1193.5	1208.9	1226.8
70°	1436.9	1447.1	1459.9	1472.7	1490.7	1503.5	1521.4	1559.8	1582.9	1593.1	1603.3
67.5°	2010.6	2036.2	2059.3	2033.6	2020.8	2002.9	2008.0	2043.9	2066.9	2082.3	2079.7
65°	2520.3	2538.2	2538.2	2535.6	2525.4	2502.3	2515.2	2558.7	2584.3	2597.1	2558.7
62.5°	3119.6	3119.6	3106.8	3127.3	3129.9	3114.5	3106.8	3109.4	3111.9	3119.6	3055.6
60°	3534.5	3560.1	3567.8	3585.8	3590.9	3590.9	3603.7	3613.9	3613.9	3598.6	3524.3
57.5°	4082.6	4131.3	4141.6	4128.7	4103.1	4069.8	4064.7	4049.3	4018.6	3987.9	3952.0
55°	4635.9	4661.5	4658.9	4651.2	4625.6	4587.2	4592.3	4571.8	4523.2	4484.8	4436.1
52.5°	5191.7	5253.1	5263.4	5248.0	5212.2	5171.2	5173.7	5150.7	5102.0	5061.0	4994.5
50°	5901.1	5952.4	5947.2	5921.6	5870.4	5839.7	5842.2	5798.7	5742.3	5729.5	5642.4
47.5°	6713.1	6772.0	6761.7	6725.9	6656.7	6643.9	6656.7	6600.4	6567.1	6538.9	6436.4
45°	7778.5	7847.7	7809.3	7740.1	7630.0	7642.8	7660.7	7650.5	7578.8	7504.5	7373.9
42.5°	9028.4	9072.0	9025.9	8956.7	8818.4	8844.0	8833.8	8772.3	8728.8	8605.8	8439.3
40°	10365.4	10460.2	10388.5	10280.9	10137.5	10175.9	10147.7	10068.3	9965.9	9812.2	9602.2
37.5°	11807.4	11881.7	11799.7	11674.2	11546.1	11533.3	11477.0	11354.1	11208.1	11039.0	10703.5
35°	13187.9	13380.0	13228.9	13029.1	12872.9	12814.0	12760.2	12475.9	12309.4	12035.3	11576.9
32.5°	14215.0	14355.8	14168.9	13961.4	13771.9	13689.9	13500.4	13162.3	13072.7	12496.4	12076.3
30°	14483.9	14473.7	14279.0	14120.2	13915.3	13859.0	13510.6	13223.8	12936.9	12404.2	12004.6
27.5°	13843.6	13779.6	13592.6	13454.3	13251.9	13185.4	12842.1	12688.5	12245.4	11794.6	11456.5
25°	12417.0	12450.3	12309.4	12240.2	12107.1	11963.6	11827.9	11620.4	11343.8	10949.4	10639.5
22.5°	11292.6	11336.1	11277.2	11195.3	11092.8	11013.4	10911.0	10749.6	10483.2	10239.9	9947.9
20°	10667.6	10654.8	10603.6	10542.1	10444.8	10388.5	10275.8	10140.0	9935.1	9725.1	9410.1
17.5°	10339.8	10260.4	10211.7	10188.7	10137.5	10065.7	9932.6	9794.2	9635.4	9397.3	9166.7
15°	10096.5	10109.3	10070.9	10052.9	10012.0	9912.1	9776.3	9663.6	9448.5	9328.1	9118.1
12.5°	10081.1	10068.3	10070.9	10063.2	10012.0	9883.9	9814.7	9671.3	9533.0	9374.2	9133.4
10°	10263.0	10127.2	10137.5	10173.3	10091.4	9988.9	9914.6	9758.4	9627.8	9425.4	9187.2
7.5°	10252.7	10183.6	10204.0	10145.1	10170.8	10045.3	9942.8	9786.6	9622.6	9407.5	9192.4
5°	10314.2	10209.2	10191.2	10196.4	10132.3	10037.6	9899.3	9750.7	9597.0	9356.3	9136.0
2.5°	10173.3	10188.7	10106.7	10076.0	10068.3	9909.5	9781.4	9638.0	9479.2	9266.6	9069.4
0°	10068.3	10096.5	10012.0	9968.4	9965.9	9830.1	9748.1	9584.2	9471.5	9294.8	9056.6
-2.5°	10012.0	10045.3	10055.5	9976.1	9899.3	9794.2	9655.9	9479.2	9294.8	9089.9	8885.0
-5°	10017.1	9950.5	9922.3	9947.9	9881.3	9776.3	9622.6	9466.4	9284.6	9064.3	8808.2
-7.5°	9814.7	9748.1	9743.0	9730.2	9714.8	9615.0	9486.9	9317.9	9133.4	8928.5	8690.3
-10°	9512.5	9463.8	9451.0	9438.2	9397.3	9338.3	9218.0	9064.3	8897.8	8692.9	8439.3
-12.5°	9177.0	9153.9	9105.3	9072.0	9031.0	8961.8	8846.6	8705.7	8539.2	8357.4	8139.7
-15°	8805.6	8762.1	8713.4	8685.2	8626.3	8544.4	8429.1	8298.5	8116.6	7937.3	7732.4
-17.5°	8357.4	8303.6	8249.8	8242.1	8201.1	8075.6	7968.1	7809.3	7650.5	7478.9	7279.1
-20°	7829.8	7755.5	7719.6	7699.1	7642.8	7550.6	7435.3	7289.3	7135.7	6971.7	6741.2



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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°	7245.8	7181.8	7120.3	7081.9	7033.2	6961.5	6851.4	6723.3	6572.2	6387.8	6175.2
-25°	6582.4	6492.8	6454.4	6410.8	6385.2	6318.6	6211.0	6093.2	5937.0	5757.7	5555.4
-27.5°	5824.3	5752.6	5732.1	5670.6	5639.9	5570.7	5481.1	5371.0	5227.5	5058.5	4892.0
-30°	4986.8	4943.2	4909.9	4848.5	4825.4	4751.1	4692.2	4600.0	4469.4	4349.0	4215.8
-32.5°	4126.2	4082.6	4072.4	4044.2	4028.9	3980.2	3913.6	3847.0	3742.0	3652.4	3544.8
-35°	3362.9	3332.2	3334.8	3332.2	3316.8	3281.0	3199.0	3181.1	3104.2	3022.3	2953.1
-37.5°	2753.4	2755.9	2753.4	2750.8	2730.3	2714.9	2656.0	2633.0	2586.9	2507.5	2466.5
-40°	2294.9	2300.0	2297.4	2292.3	2269.3	2261.6	2223.2	2192.4	2174.5	2118.2	2074.6
-42.5°	1923.5	1931.2	1928.6	1926.1	1910.7	1908.1	1887.6	1851.8	1841.5	1808.2	1762.1
-45°	1641.8	1639.2	1634.1	1639.2	1631.5	1623.8	1611.0	1588.0	1575.2	1559.8	1521.4
-47.5°	1418.9	1421.5	1416.4	1416.4	1406.1	1398.4	1393.3	1378.0	1367.7	1354.9	1331.9
-50°	1234.5	1244.8	1242.2	1239.6	1232.0	1226.8	1226.8	1211.5	1196.1	1191.0	1175.6
-52.5°	1091.1	1098.8	1101.3	1106.5	1109.0	1111.6	1103.9	1088.5	1062.9	1060.4	1052.7
-55°	960.5	983.5	998.9	1009.1	1019.4	1027.1	1011.7	991.2	965.6	955.3	952.8
-57.5°	870.8	893.9	911.8	927.2	940.0	952.8	937.4	916.9	893.9	881.1	878.5
-60°	788.9	809.4	827.3	847.8	865.7	886.2	878.5	863.1	850.3	840.1	829.8
-62.5°	701.8	722.3	742.8	768.4	791.4	811.9	814.5	811.9	809.4	811.9	794.0
-65°	630.1	640.3	653.1	681.3	706.9	730.0	742.8	750.4	763.3	776.1	758.1
-67.5°	553.2	566.0	581.4	601.9	622.4	637.8	655.7	676.2	696.7	717.2	704.3
-70°	484.1	494.3	507.1	517.4	530.2	540.4	555.8	578.8	601.9	622.4	617.3
-72.5°	412.4	422.6	430.3	435.4	443.1	448.2	455.9	476.4	491.8	502.0	502.0
-75°	340.6	350.9	358.6	361.1	366.3	368.8	373.9	381.6	389.3	391.9	394.4
-77.5°	261.2	271.5	279.2	284.3	289.4	294.5	297.1	302.2	304.8	304.8	307.4
-80°	194.7	202.3	207.5	215.1	217.7	222.8	228.0	230.5	233.1	233.1	235.6
-82.5°	138.3	143.4	148.6	153.7	158.8	161.4	166.5	169.0	171.6	174.2	176.7
-85°	92.2	97.3	102.5	107.6	110.1	112.7	115.3	117.8	120.4	122.9	125.5
-87.5°	53.8	56.3	58.9	64.0	66.6	71.7	74.3	71.7	74.3	74.3	74.3
-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°	99.9	99.9	99.9	99.9	97.3	92.2	89.6	84.5	79.4	74.3	69.2
85°	207.5	210.0	210.0	210.0	204.9	202.3	194.7	187.0	176.7	161.4	148.6
82.5°	345.8	348.3	348.3	345.8	340.6	333.0	322.7	309.9	289.4	268.9	251.0
80°	519.9	522.5	522.5	519.9	507.1	494.3	481.5	466.1	440.5	412.4	381.6
77.5°	727.4	732.5	732.5	724.8	706.9	691.5	671.0	645.4	607.0	566.0	525.1
75°	968.2	981.0	983.5	975.8	952.8	924.6	891.3	847.8	788.9	737.6	689.0
72.5°	1247.3	1260.1	1270.4	1260.1	1226.8	1188.4	1139.8	1088.5	1029.6	960.5	878.5
70°	1613.6	1626.4	1634.1	1600.8	1541.9	1477.8	1418.9	1360.0	1290.9	1206.4	1116.7
67.5°	2074.6	2061.8	2046.4	1979.9	1905.6	1828.7	1746.8	1659.7	1570.1	1480.4	1375.4
65°	2517.7	2481.9	2448.6	2369.2	2274.4	2174.5	2079.7	1982.4	1874.8	1762.1	1662.3
62.5°	2983.9	2907.0	2825.1	2727.7	2630.4	2520.3	2425.5	2310.3	2189.9	2051.6	1923.5
60°	3442.3	3350.1	3268.2	3147.8	3019.7	2871.2	2768.7	2656.0	2515.2	2366.6	2215.5
57.5°	3885.4	3785.5	3695.9	3590.9	3452.6	3291.2	3178.5	3032.5	2884.0	2697.0	2543.3
55°	4356.7	4256.8	4185.1	4067.3	3916.2	3767.6	3644.7	3491.0	3283.5	3083.8	2894.2
52.5°	4897.1	4817.7	4740.9	4620.5	4438.7	4287.5	4151.8	3980.2	3762.5	3516.6	3288.7
50°	5501.6	5460.6	5378.6	5237.8	5030.3	4897.1	4717.8	4489.9	4256.8	3998.1	3713.8
47.5°	6303.3	6236.7	6121.4	5967.7	5793.6	5593.8	5353.0	5086.7	4756.3	4469.4	4167.2
45°	7261.2	7138.2	6989.7	6782.2	6567.1	6341.7	6077.9	5739.8	5296.7	4922.7	4605.1
42.5°	8298.5	8132.0	7929.7	7658.2	7379.0	7102.4	6818.1	6357.0	5803.8	5373.5	5014.9
40°	9381.9	9169.3	8915.7	8521.3	8211.4	7855.4	7530.1	6841.1	6252.0	5785.9	5404.3
37.5°	10442.2	10173.3	9748.1	9269.2	8908.1	8616.1	7901.5	7163.8	6636.2	6124.0	5737.2
35°	11254.2	11026.2	10275.8	9778.9	9469.0	9007.9	8114.1	7358.5	6800.1	6375.0	5773.1
32.5°	11735.7	11146.6	10488.3	9986.3	9730.2	8974.6	8129.4	7414.8	6877.0	6400.6	5680.9
30°	11628.1	10916.1	10339.8	9919.7	9364.0	8685.2	7986.0	7327.8	6805.3	6229.0	5578.4
27.5°	10980.1	10429.4	9914.6	9476.7	8931.1	8321.5	7676.1	7097.2	6610.6	6052.3	5437.5
25°	10247.6	9748.1	9366.5	8984.9	8467.5	7886.1	7317.5	6900.0	6410.8	5860.2	5253.1
22.5°	9574.0	9215.4	8915.7	8516.2	8011.6	7504.5	7151.0	6718.2	6216.2	5657.8	5063.6
20°	9143.7	8900.4	8557.2	8116.6	7719.6	7402.0	7010.2	6551.7	6034.3	5450.4	4902.2
17.5°	8936.2	8654.5	8272.9	7986.0	7681.2	7332.9	6894.9	6408.3	5857.6	5355.6	4920.2
15°	8828.7	8531.5	8280.5	7998.8	7655.6	7289.3	6802.7	6298.1	5857.6	5394.0	4933.0
12.5°	8851.7	8595.6	8321.5	8014.2	7645.4	7253.5	6812.9	6344.2	5888.3	5422.2	4935.5
10°	8923.4	8654.5	8362.5	8021.9	7650.5	7263.7	6841.1	6372.4	5903.7	5435.0	4930.4
7.5°	8949.0	8657.0	8344.6	8001.4	7637.7	7258.6	6846.2	6380.1	5906.3	5432.4	4915.1
5°	8869.6	8605.8	8303.6	7957.8	7601.8	7233.0	6825.8	6369.8	5885.8	5406.8	4876.6
2.5°	8762.1	8549.5	8260.1	7927.1	7566.0	7197.1	6792.5	6323.7	5839.7	5360.7	4828.0
0°	8744.1	8480.3	8188.3	7891.2	7507.0	7117.7	6715.6	6236.7	5755.1	5273.6	4743.4
-2.5°	8626.3	8347.1	8055.2	7732.4	7394.3	7002.5	6579.9	6111.2	5634.8	5160.9	4651.2
-5°	8536.7	8226.8	7916.8	7568.5	7227.9	6836.0	6398.0	5942.1	5476.0	5014.9	4523.2
-7.5°	8416.3	8098.7	7773.4	7409.7	7040.9	6641.3	6208.5	5752.6	5294.1	4835.7	4364.4
-10°	8173.0	7893.8	7589.0	7212.5	6823.2	6423.6	5993.3	5545.1	5086.7	4623.1	4149.2
-12.5°	7878.4	7583.9	7250.9	6905.1	6556.8	6185.4	5755.1	5314.6	4853.6	4387.4	3916.2
-15°	7496.8	7207.4	6866.7	6528.6	6193.1	5837.1	5458.0	5061.0	4592.3	4133.9	3662.6
-17.5°	7020.4	6748.9	6444.1	6121.4	5788.4	5429.9	5061.0	4725.5	4287.5	3857.3	3391.1
-20°	6508.2	6254.6	5980.5	5675.7	5342.8	4991.9	4643.6	4292.7	3913.6	3534.5	3101.7



REPORT NUMBER: P722299

CATALOG NUMBER: IFLD-L-SA7B-935-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5975.4	5719.3	5442.7	5158.4	4851.0	4525.7	4203.0	3867.5	3534.5	3191.3	2825.1
-25°	5360.7	5135.3	4881.8	4605.1	4331.1	4046.8	3739.4	3434.6	3150.3	2853.2	2553.6
-27.5°	4717.8	4510.4	4279.9	4039.1	3803.5	3565.3	3298.9	3017.2	2781.5	2535.6	2287.2
-30°	4041.7	3875.2	3688.2	3478.2	3296.3	3104.2	2881.4	2648.3	2433.2	2246.2	2046.4
-32.5°	3401.3	3260.5	3127.3	2989.0	2809.7	2661.1	2507.5	2335.9	2146.3	1969.6	1826.2
-35°	2850.7	2699.6	2643.2	2540.8	2412.7	2282.1	2169.4	2046.4	1903.0	1746.8	1629.0
-37.5°	2387.1	2297.4	2218.0	2161.7	2077.2	1972.2	1882.5	1792.9	1682.7	1564.9	1447.1
-40°	2026.0	1964.5	1877.4	1849.2	1795.4	1723.7	1631.5	1562.4	1488.1	1398.4	1298.6
-42.5°	1736.5	1690.4	1634.1	1585.4	1562.4	1511.1	1439.4	1372.8	1313.9	1252.5	1175.6
-45°	1498.3	1467.6	1431.7	1388.2	1370.3	1329.3	1278.1	1203.8	1170.5	1119.3	1062.9
-47.5°	1306.2	1290.9	1265.3	1237.1	1211.5	1180.7	1134.6	1088.5	1042.4	1009.1	965.6
-50°	1155.1	1144.9	1129.5	1106.5	1073.2	1052.7	1021.9	981.0	937.4	909.2	878.5
-52.5°	1034.7	1024.5	1014.3	996.3	970.7	950.2	924.6	891.3	855.5	827.3	801.7
-55°	942.5	927.2	919.5	904.1	883.6	860.6	837.5	814.5	783.7	758.1	732.5
-57.5°	870.8	850.3	840.1	827.3	806.8	783.7	765.8	742.8	722.3	694.1	671.0
-60°	814.5	791.4	770.9	758.1	740.2	717.2	699.2	681.3	660.8	637.8	609.6
-62.5°	768.4	740.2	712.0	696.7	678.7	658.2	640.3	622.4	601.9	578.8	553.2
-65°	724.8	691.5	655.7	640.3	622.4	601.9	578.8	566.0	548.1	527.6	502.0
-67.5°	671.0	635.2	604.5	586.5	568.6	550.7	530.2	517.4	499.4	473.8	448.2
-70°	591.7	568.6	548.1	532.7	517.4	502.0	481.5	461.0	440.5	417.5	394.4
-72.5°	491.8	484.1	481.5	473.8	455.9	438.0	417.5	397.0	379.1	361.1	343.2
-75°	397.0	402.1	407.2	404.7	386.7	368.8	350.9	333.0	320.2	304.8	289.4
-77.5°	315.0	320.2	325.3	325.3	312.5	302.2	289.4	276.6	266.4	253.6	238.2
-80°	243.3	251.0	258.7	263.8	253.6	245.9	235.6	225.4	215.1	204.9	194.7
-82.5°	184.4	192.1	199.8	204.9	197.2	192.1	184.4	176.7	169.0	158.8	151.1
-85°	133.2	138.3	143.4	146.0	140.9	135.7	130.6	125.5	120.4	112.7	107.6
-87.5°	76.8	79.4	82.0	84.5	79.4	74.3	71.7	66.6	64.0	58.9	56.3
-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°	64.0	58.9	53.8	51.2	46.1	38.4	33.3	28.2	23.1	17.9	15.4
85°	135.7	122.9	107.6	99.9	89.6	79.4	69.2	58.9	48.7	38.4	28.2
82.5°	233.1	217.7	202.3	184.4	161.4	133.2	105.0	87.1	71.7	56.3	43.5
80°	350.9	322.7	297.1	274.1	248.4	212.6	174.2	138.3	97.3	74.3	56.3
77.5°	486.6	453.3	417.5	379.1	338.1	289.4	245.9	199.8	151.1	102.5	71.7
75°	640.3	596.8	548.1	494.3	440.5	376.5	315.0	261.2	204.9	143.4	87.1
72.5°	811.9	758.1	699.2	627.5	543.0	468.7	394.4	322.7	256.1	181.8	117.8
70°	1032.2	947.7	860.6	783.7	676.2	558.4	471.3	389.3	304.8	222.8	148.6
67.5°	1267.8	1165.4	1060.4	947.7	811.9	673.6	548.1	455.9	356.0	261.2	176.7
65°	1523.9	1395.9	1262.7	1137.2	950.2	786.3	645.4	519.9	404.7	297.1	204.9
62.5°	1787.8	1636.6	1483.0	1319.0	1103.9	901.6	737.6	591.7	450.8	330.4	230.5
60°	2069.5	1892.8	1705.8	1500.9	1249.9	1027.1	824.7	665.9	499.4	363.7	258.7
57.5°	2366.6	2174.5	1954.2	1677.6	1401.0	1147.4	924.6	732.5	543.0	394.4	279.2
55°	2689.3	2469.1	2228.3	1862.0	1549.6	1267.8	1024.5	799.1	589.1	420.0	299.7
52.5°	3037.7	2781.5	2476.7	2056.7	1705.8	1390.8	1116.7	858.0	632.6	448.2	317.6
50°	3427.0	3104.2	2694.4	2236.0	1841.5	1506.0	1208.9	922.1	668.5	479.0	333.0
47.5°	3831.6	3483.3	2889.1	2402.5	1979.9	1618.7	1303.7	978.4	704.3	504.6	348.3
45°	4254.2	3747.1	3091.4	2551.0	2100.2	1721.2	1375.4	1029.6	747.9	527.6	361.1
42.5°	4671.7	3946.9	3268.2	2699.6	2212.9	1813.4	1434.3	1078.3	783.7	550.7	373.9
40°	4869.0	4098.0	3409.0	2802.0	2307.7	1895.3	1485.5	1121.8	814.5	566.0	386.7
37.5°	4950.9	4190.2	3501.2	2899.3	2382.0	1938.9	1529.1	1160.2	840.1	581.4	397.0
35°	4968.8	4223.5	3547.3	2965.9	2443.4	1979.9	1562.4	1188.4	860.6	596.8	407.2
32.5°	4935.5	4213.3	3560.1	2989.0	2481.9	2010.6	1585.4	1208.9	875.9	612.1	417.5
30°	4861.3	4159.5	3514.0	2986.4	2510.0	2028.5	1600.8	1224.3	891.3	622.4	422.6
27.5°	4740.9	4064.7	3455.1	2989.0	2525.4	2036.2	1608.5	1232.0	901.6	630.1	432.9
25°	4592.3	3936.7	3457.7	2983.9	2528.0	2038.8	1608.5	1232.0	904.1	632.6	440.5
22.5°	4420.7	3936.7	3457.7	2976.2	2512.6	2033.6	1600.8	1226.8	904.1	637.8	448.2
20°	4431.0	3939.2	3450.0	2960.8	2489.5	2018.3	1582.9	1214.0	896.4	645.4	453.3
17.5°	4438.7	3934.1	3434.6	2940.3	2458.8	1992.7	1559.8	1196.1	896.4	653.1	455.9
15°	4438.7	3918.7	3411.6	2909.6	2420.4	1956.8	1526.5	1180.7	899.0	655.7	461.0
12.5°	4431.0	3890.5	3375.7	2868.6	2374.3	1913.3	1506.0	1175.6	899.0	658.2	461.0
10°	4415.6	3852.1	3329.6	2817.4	2330.7	1897.9	1495.8	1165.4	893.9	658.2	461.0
7.5°	4387.4	3806.0	3291.2	2786.6	2305.1	1880.0	1480.4	1150.0	886.2	653.1	466.1
5°	4343.9	3780.4	3260.5	2750.8	2269.3	1867.2	1470.2	1137.2	881.1	653.1	461.0
2.5°	4287.5	3749.7	3224.6	2704.7	2228.3	1823.6	1436.9	1109.0	863.1	642.9	455.9
0°	4195.3	3688.2	3163.2	2640.7	2171.9	1780.1	1403.6	1080.9	845.2	632.6	450.8
-2.5°	4110.8	3606.3	3083.8	2574.1	2118.2	1741.7	1378.0	1065.5	837.5	630.1	448.2
-5°	3993.0	3493.6	2978.7	2487.0	2046.4	1703.2	1352.3	1047.6	829.8	624.9	448.2
-7.5°	3862.4	3375.7	2868.6	2397.3	1974.7	1636.6	1303.7	1019.4	811.9	614.7	445.7
-10°	3660.0	3199.0	2730.3	2294.9	1897.9	1577.7	1262.7	993.8	796.6	604.5	435.4
-12.5°	3444.9	3004.4	2571.5	2169.4	1810.8	1516.3	1216.6	965.6	778.6	594.2	430.3
-15°	3216.9	2804.6	2405.0	2038.8	1716.0	1442.0	1167.9	934.9	760.7	581.4	422.6
-17.5°	2978.7	2594.6	2233.4	1905.6	1621.3	1365.2	1116.7	906.7	740.2	568.6	414.9
-20°	2727.7	2379.4	2059.3	1769.8	1521.4	1288.3	1062.9	873.4	717.2	553.2	404.7



REPORT NUMBER: P722299

CATALOG NUMBER: IFLD-L-SA7B-935-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2479.3	2166.8	1880.0	1636.6	1418.9	1208.9	1009.1	840.1	691.5	535.3	397.0
-25°	2259.0	1967.0	1721.2	1508.6	1319.0	1132.1	952.8	806.8	663.4	517.4	386.7
-27.5°	2043.9	1795.4	1564.9	1388.2	1221.7	1057.8	899.0	770.9	635.2	496.9	376.5
-30°	1844.1	1631.5	1442.0	1270.4	1129.5	991.2	852.9	735.1	604.5	476.4	363.7
-32.5°	1662.3	1490.7	1331.9	1167.9	1042.4	924.6	809.4	699.2	573.7	455.9	350.9
-35°	1493.2	1360.0	1221.7	1083.4	955.3	863.1	763.3	660.8	545.5	432.9	338.1
-37.5°	1342.1	1234.5	1124.4	1006.6	896.4	804.2	719.7	622.4	517.4	412.4	325.3
-40°	1211.5	1124.4	1027.1	932.3	840.1	753.0	676.2	584.0	489.2	397.0	312.5
-42.5°	1091.1	1024.5	945.1	865.7	783.7	706.9	632.6	543.0	461.0	379.1	299.7
-45°	998.9	932.3	868.3	796.6	727.4	660.8	586.5	507.1	435.4	358.6	286.9
-47.5°	911.8	852.9	794.0	735.1	678.7	617.3	543.0	476.4	407.2	340.6	276.6
-50°	835.0	778.6	727.4	676.2	627.5	568.6	499.4	445.7	384.2	322.7	263.8
-52.5°	763.3	714.6	663.4	622.4	581.4	522.5	466.1	414.9	361.1	302.2	251.0
-55°	699.2	653.1	607.0	568.6	530.2	479.0	432.9	389.3	338.1	286.9	238.2
-57.5°	637.8	599.3	555.8	519.9	481.5	440.5	402.1	361.1	315.0	271.5	225.4
-60°	581.4	545.5	507.1	471.3	438.0	404.7	368.8	335.5	294.5	253.6	212.6
-62.5°	525.1	494.3	461.0	425.2	399.6	368.8	340.6	307.4	274.1	238.2	189.5
-65°	473.8	445.7	414.9	384.2	361.1	338.1	312.5	281.7	253.6	220.3	169.0
-67.5°	422.6	397.0	371.4	345.8	325.3	307.4	281.7	258.7	235.6	199.8	148.6
-70°	373.9	353.5	330.4	309.9	294.5	274.1	256.1	235.6	215.1	174.2	125.5
-72.5°	327.8	307.4	289.4	274.1	261.2	243.3	228.0	212.6	184.4	146.0	105.0
-75°	274.1	261.2	251.0	238.2	225.4	212.6	199.8	181.8	153.7	117.8	82.0
-77.5°	225.4	217.7	210.0	199.8	189.5	179.3	163.9	146.0	122.9	92.2	66.6
-80°	184.4	176.7	171.6	161.4	153.7	143.4	128.1	112.7	89.6	71.7	53.8
-82.5°	140.9	135.7	130.6	125.5	117.8	107.6	92.2	79.4	66.6	53.8	41.0
-85°	99.9	97.3	92.2	87.1	79.4	71.7	61.5	53.8	46.1	35.9	28.2
-87.5°	51.2	48.7	46.1	43.5	41.0	35.9	30.7	25.6	23.1	17.9	12.8
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	10.2	7.7	2.6	0.0
85°	20.5	12.8	5.1	0.0
82.5°	30.7	20.5	7.7	0.0
80°	41.0	25.6	12.8	0.0
77.5°	51.2	30.7	15.4	0.0
75°	61.5	38.4	17.9	0.0
72.5°	69.2	43.5	20.5	0.0
70°	82.0	51.2	23.1	0.0
67.5°	102.5	56.3	25.6	0.0
65°	120.4	61.5	28.2	0.0
62.5°	140.9	66.6	30.7	0.0
60°	158.8	71.7	33.3	0.0
57.5°	176.7	84.5	35.9	0.0
55°	192.1	94.8	38.4	0.0
52.5°	210.0	105.0	41.0	0.0
50°	225.4	115.3	43.5	0.0
47.5°	238.2	125.5	43.5	0.0
45°	248.4	133.2	46.1	0.0
42.5°	256.1	140.9	48.7	0.0
40°	263.8	148.6	51.2	0.0
37.5°	271.5	156.2	51.2	0.0
35°	279.2	163.9	53.8	0.0
32.5°	286.9	171.6	53.8	0.0
30°	292.0	176.7	56.3	0.0
27.5°	299.7	181.8	56.3	0.0
25°	302.2	187.0	58.9	0.0
22.5°	307.4	189.5	58.9	0.0
20°	312.5	194.7	58.9	0.0
17.5°	315.0	197.2	61.5	0.0
15°	315.0	199.8	64.0	0.0
12.5°	317.6	202.3	64.0	0.0
10°	317.6	207.5	61.5	0.0
7.5°	322.7	204.9	61.5	0.0
5°	320.2	204.9	61.5	0.0
2.5°	317.6	202.3	61.5	0.0
0°	315.0	202.3	61.5	0.0
-2.5°	315.0	202.3	61.5	0.0
-5°	315.0	202.3	61.5	0.0
-7.5°	312.5	204.9	61.5	0.0
-10°	307.4	204.9	61.5	0.0
-12.5°	304.8	197.2	61.5	0.0
-15°	302.2	194.7	61.5	0.0
-17.5°	297.1	192.1	58.9	0.0
-20°	292.0	189.5	58.9	0.0



REPORT NUMBER: P722299

CATALOG NUMBER: IFLD-L-SA7B-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	286.9	184.4	58.9	0.0
-25°	281.7	179.3	56.3	0.0
-27.5°	276.6	174.2	56.3	0.0
-30°	268.9	169.0	53.8	0.0
-32.5°	261.2	163.9	53.8	0.0
-35°	256.1	156.2	51.2	0.0
-37.5°	248.4	148.6	51.2	0.0
-40°	240.8	140.9	48.7	0.0
-42.5°	233.1	133.2	46.1	0.0
-45°	222.8	125.5	46.1	0.0
-47.5°	215.1	117.8	43.5	0.0
-50°	202.3	107.6	41.0	0.0
-52.5°	187.0	97.3	38.4	0.0
-55°	171.6	89.6	35.9	0.0
-57.5°	156.2	79.4	35.9	0.0
-60°	140.9	69.2	33.3	0.0
-62.5°	125.5	64.0	30.7	0.0
-65°	110.1	58.9	28.2	0.0
-67.5°	92.2	51.2	25.6	0.0
-70°	76.8	46.1	23.1	0.0
-72.5°	66.6	41.0	20.5	0.0
-75°	56.3	35.9	17.9	0.0
-77.5°	48.7	30.7	15.4	0.0
-80°	38.4	23.1	10.2	0.0
-82.5°	28.2	17.9	7.7	0.0
-85°	17.9	12.8	5.1	0.0
-87.5°	10.2	5.1	2.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)