

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: P722420

Luminaire Tested: **IFLD-L-SA8B-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722420
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	34803.1 lumens	Max Intensity:	24296.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	108.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' 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:	22202.9 lumens	Field Lumens:	32811.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

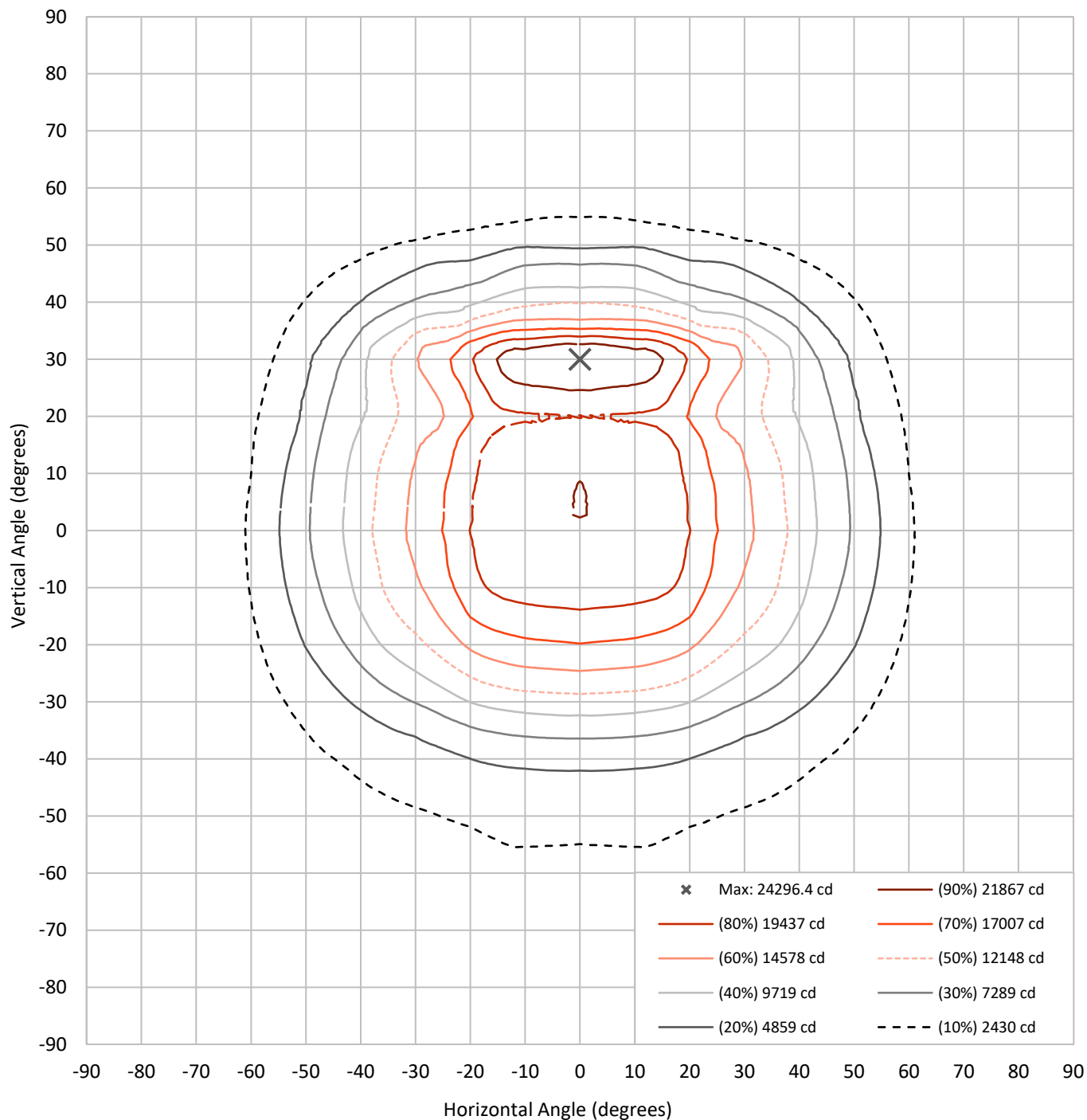
Input Watts (W): 320
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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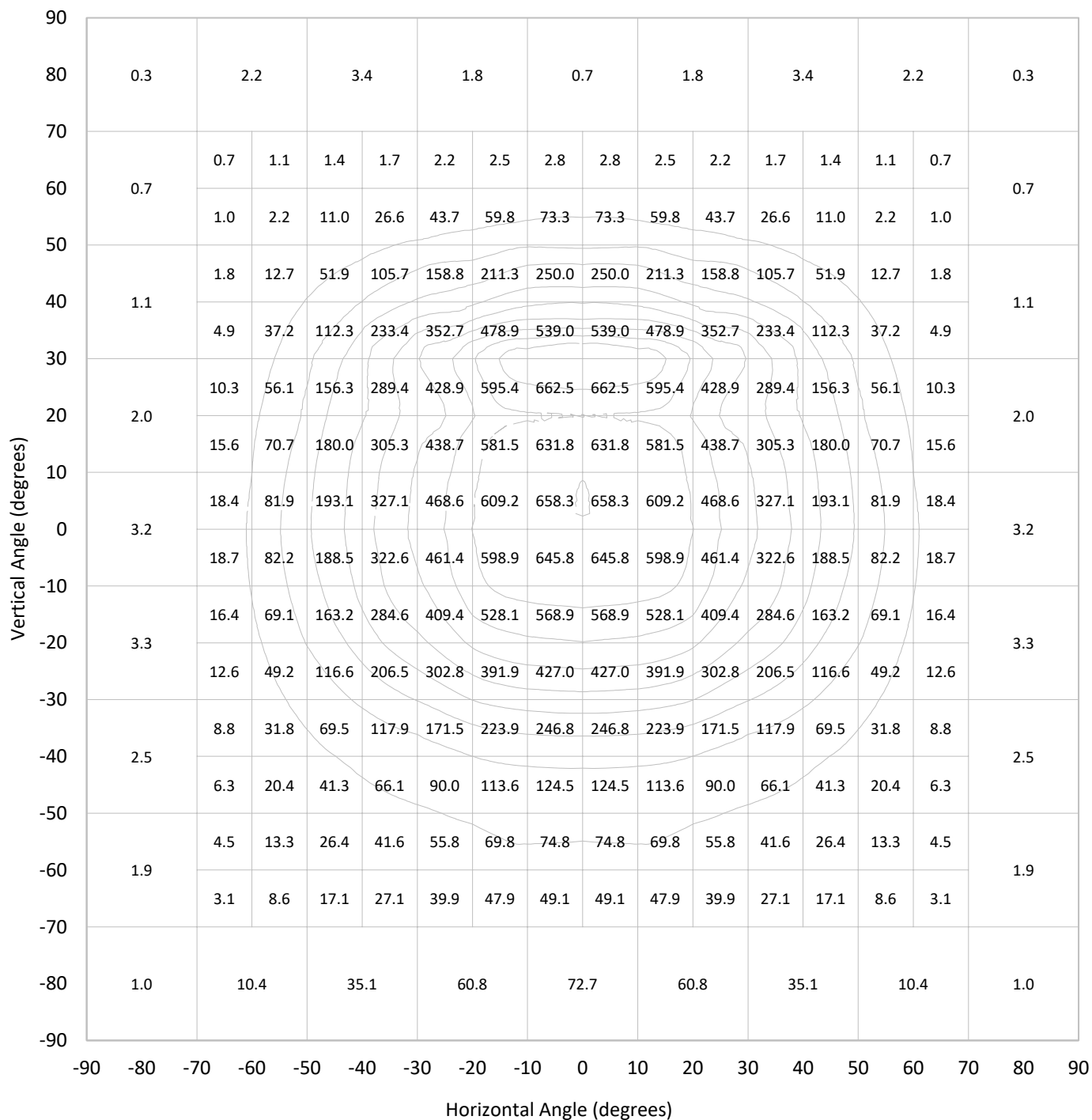
Iso-Candela Plot



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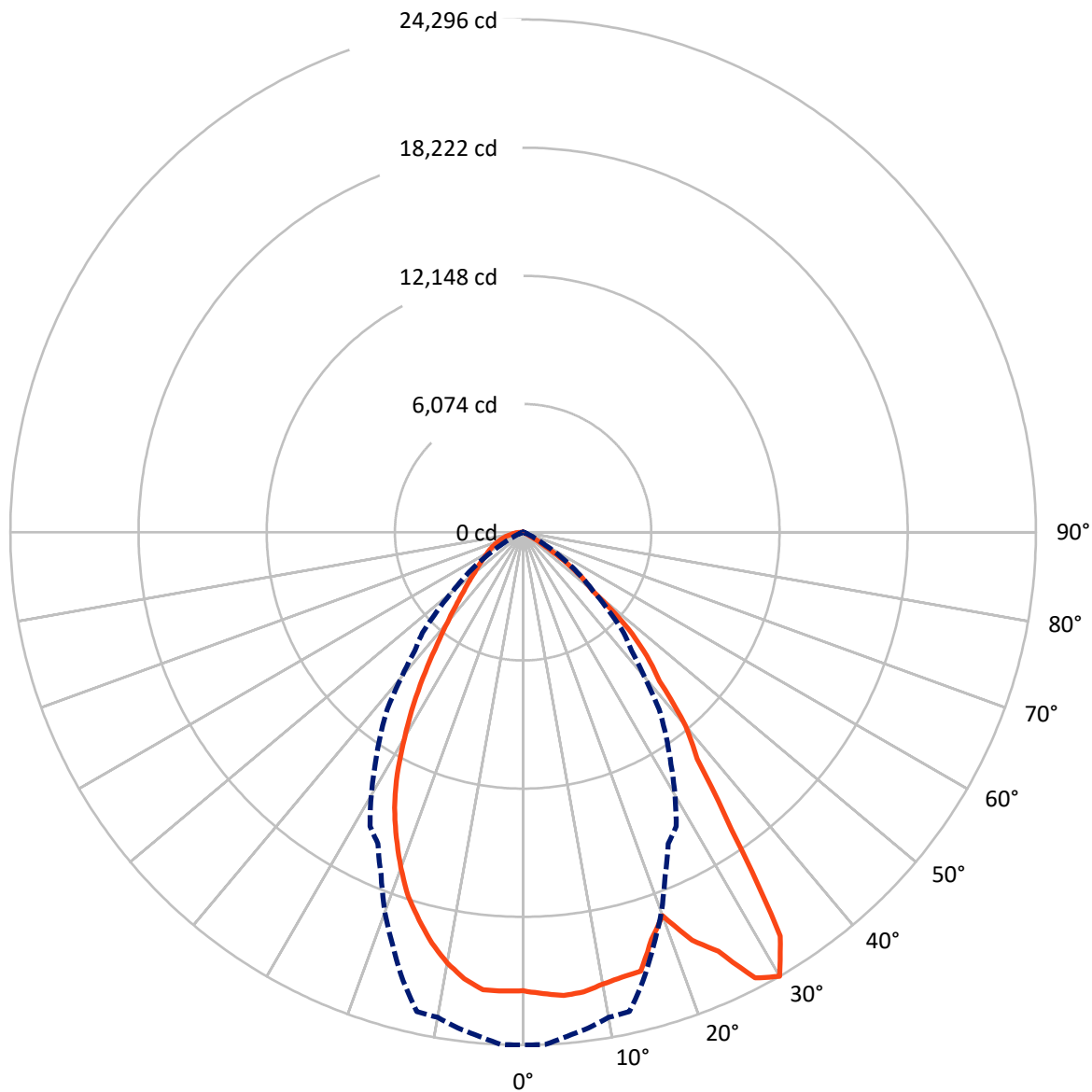
Lumen Table



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Luminous Intensity Polar Plot

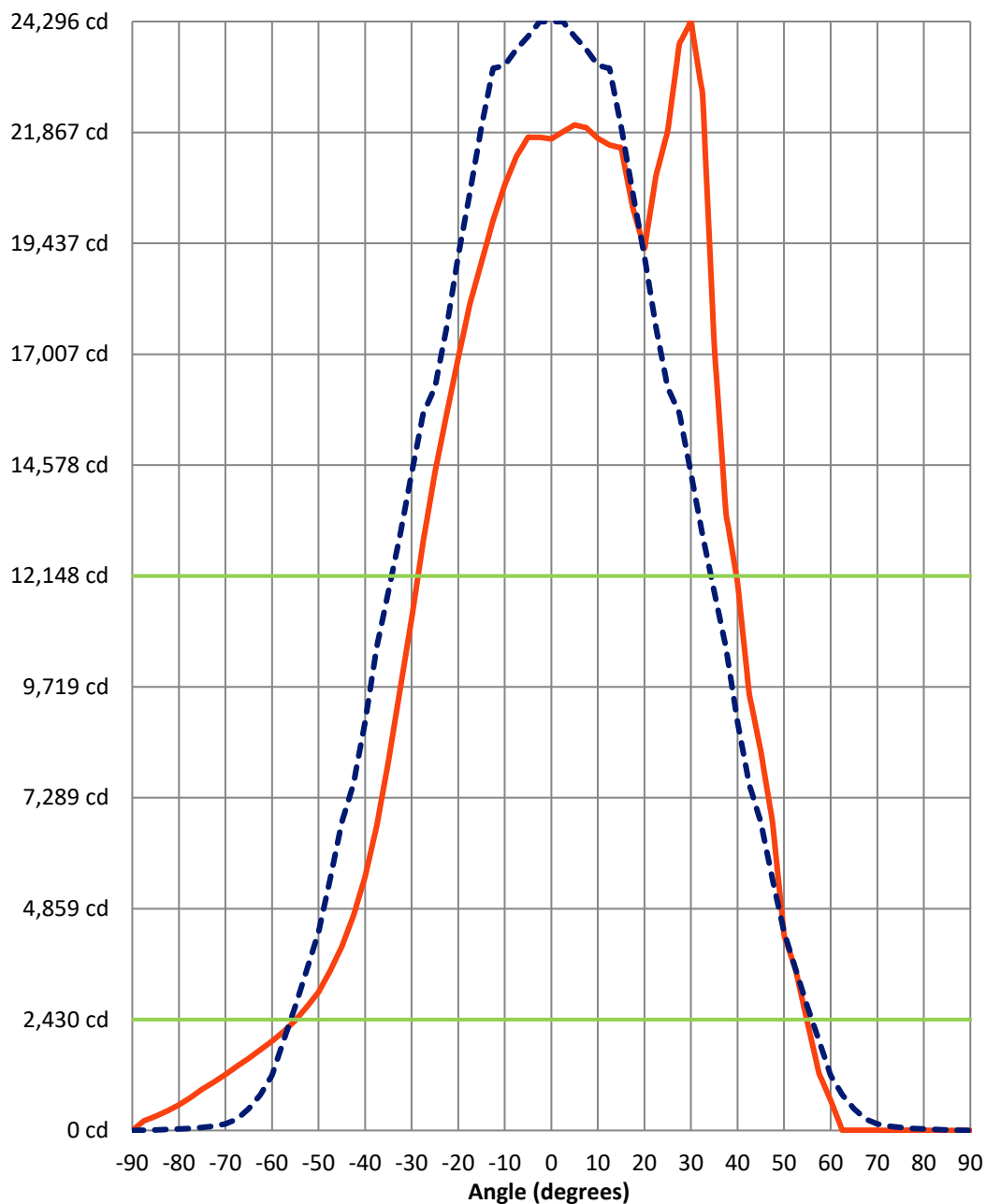


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 22202.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 32811.5

Efficiency: 94.3%

Spill:

Lumens: 1991.6

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	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	0.0	5.5	5.5	5.5	11.1	11.1	11.1	11.1	11.1	11.1	16.6
82.5°	0.0	5.5	5.5	5.5	11.1	11.1	11.1	11.1	16.6	16.6	22.2
80°	5.5	5.5	5.5	5.5	11.1	11.1	11.1	16.6	16.6	22.2	22.2
77.5°	5.5	5.5	5.5	11.1	11.1	11.1	16.6	16.6	22.2	22.2	27.7
75°	5.5	5.5	5.5	11.1	11.1	16.6	16.6	16.6	22.2	22.2	27.7
72.5°	0.0	5.5	5.5	11.1	11.1	16.6	16.6	16.6	22.2	22.2	22.2
70°	5.5	5.5	5.5	11.1	11.1	16.6	16.6	16.6	22.2	22.2	22.2
67.5°	5.5	5.5	5.5	11.1	11.1	16.6	16.6	22.2	22.2	22.2	27.7
65°	5.5	5.5	5.5	11.1	16.6	16.6	22.2	27.7	27.7	33.2	38.8
62.5°	5.5	11.1	11.1	16.6	22.2	27.7	60.9	94.2	94.2	66.5	55.4
60°	659.4	714.8	709.2	642.7	559.6	471.0	454.3	437.7	404.5	354.6	371.2
57.5°	1252.2	1318.7	1346.4	1329.8	1285.5	1207.9	1163.6	1113.7	1047.2	969.6	881.0
55°	2371.5	2399.2	2338.2	2221.9	2094.4	1967.0	1922.7	1856.2	1756.4	1656.7	1523.7
52.5°	3507.3	3601.5	3573.8	3457.5	3285.7	3058.5	2809.2	2615.3	2498.9	2388.1	2255.1
50°	4283.0	4321.8	4399.4	4537.9	4587.8	4432.6	4028.2	3507.3	3136.1	3324.5	3180.4
47.5°	6759.8	6953.7	6914.9	6815.2	6649.0	6227.9	5662.7	5197.3	4809.4	4682.0	4704.1
45°	8305.7	8383.2	8355.5	8311.2	8233.6	7840.2	7214.1	6499.4	6139.2	5995.2	5845.6
42.5°	9574.5	9657.6	9674.3	9679.8	9596.7	9236.5	8671.4	7956.6	7596.4	7180.9	6854.0
40°	11995.9	12117.7	11979.2	11796.4	11519.3	11109.3	10555.2	9895.9	9258.7	8748.9	8361.1
37.5°	13541.7	13691.3	13746.7	13735.7	13674.7	13497.4	12815.9	12189.8	11214.6	10073.2	10278.2
35°	17209.8	17364.9	17320.6	17154.3	17065.7	16877.3	16212.4	15469.9	14245.4	13004.3	12671.8
32.5°	22678.5	23016.5	22384.9	21692.3	21265.6	21415.2	20739.2	18921.9	18356.7	16118.2	15082.1
30°	24296.4	24290.9	23969.5	23687.0	23337.9	23265.9	21991.5	20539.8	19154.6	17586.5	16278.9
27.5°	23803.3	23703.6	23432.1	23227.1	22900.2	22728.4	21481.7	20329.2	18727.9	17326.1	16062.8
25°	21902.8	21980.4	21703.3	21664.6	21537.1	21204.7	20584.1	19287.6	17858.0	16306.6	15397.9
22.5°	20922.1	20894.4	20561.9	20368.0	20523.2	20168.5	19919.2	18611.6	17121.1	15813.5	14721.9
20°	19326.3	19331.9	19248.8	19232.1	19138.0	18977.3	18777.8	17852.5	16799.7	15680.5	14367.3
17.5°	20218.4	20445.6	20545.3	19719.7	19952.5	19769.6	19559.1	18268.0	17475.7	16483.9	14771.8
15°	21526.0	21442.9	21343.2	21298.9	21171.4	20999.7	20617.3	19586.8	18223.7	17198.7	15863.3
12.5°	21592.5	21431.8	21393.1	21387.5	21254.5	21016.3	20645.1	19791.8	18583.9	17337.2	16251.2
10°	21736.6	21570.4	21548.2	21575.9	21370.9	21221.3	20850.1	20057.7	18694.7	17575.4	16550.4
7.5°	21969.3	21692.3	21819.7	21736.6	21642.4	21404.1	21005.2	20229.5	19099.2	17891.3	16816.4
5°	22030.3	21725.5	21864.0	21786.5	21647.9	21415.2	20983.0	20340.3	19348.5	18018.7	16921.6
2.5°	21880.7	21792.0	21731.1	21587.0	21526.0	21271.2	20861.1	20174.1	19232.1	17963.3	16899.5
0°	21725.5	21803.1	21664.6	21520.5	21492.8	21287.8	20938.7	20318.1	19503.6	18118.4	17087.9
-2.5°	21758.8	21697.8	21603.6	21454.0	21310.0	21016.3	20700.5	20118.7	19243.2	17780.5	16821.9
-5°	21758.8	21476.2	21487.3	21492.8	21348.7	21044.0	20661.7	20168.5	19088.1	17774.9	16744.3
-7.5°	21337.7	21093.9	21055.1	21021.8	20983.0	20700.5	20401.3	19786.2	18827.7	17630.9	16528.2
-10°	20717.1	20478.8	20501.0	20451.1	20329.2	20140.8	19913.7	19359.6	18572.8	17176.5	16090.5
-12.5°	19941.4	19836.1	19775.1	19692.0	19570.1	19403.9	19171.2	18650.4	17808.2	16616.9	15586.3
-15°	19021.6	18944.0	18888.6	18838.8	18661.4	18489.7	18184.9	17702.9	17176.5	15896.6	14843.8
-17.5°	18101.8	17907.9	17830.3	17763.8	17647.5	17370.4	17093.4	16733.2	15996.3	14982.3	14079.2
-20°	16921.6	16805.3	16711.1	16622.4	16456.2	16240.1	16012.9	15597.4	14960.2	14140.1	13203.7

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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°	15686.0	15619.5	15542.0	15431.2	15320.3	15115.3	14799.5	14400.6	13901.9	13015.4	12139.9
-25°	14411.6	14284.2	14190.0	14084.7	13996.1	13807.7	13503.0	13120.6	12494.5	11729.9	10998.5
-27.5°	12910.1	12788.2	12738.3	12616.4	12538.9	12367.1	12062.3	11707.7	11142.6	10499.8	9757.4
-30°	11214.6	11236.8	11181.4	11065.0	10970.8	10749.2	10516.5	10217.3	9774.0	9159.0	8494.1
-32.5°	9646.5	9674.3	9607.8	9485.9	9364.0	9203.3	8987.2	8715.7	8383.2	7795.9	7219.7
-35°	8078.5	8067.4	8012.0	7940.0	7856.9	7723.9	7480.1	7275.1	6892.8	6482.7	6083.8
-37.5°	6671.1	6698.8	6682.2	6643.4	6549.2	6438.4	6239.0	6050.6	5768.0	5407.8	5097.5
-40°	5557.4	5590.7	5568.5	5529.7	5446.6	5380.1	5247.1	5080.9	4853.7	4543.5	4283.0
-42.5°	4704.1	4726.3	4698.6	4665.4	4593.3	4543.5	4438.2	4299.7	4111.3	3873.0	3640.3
-45°	4028.2	4033.7	4006.0	3983.8	3928.4	3867.5	3778.8	3668.0	3518.4	3352.2	3163.8
-47.5°	3496.3	3490.7	3463.0	3440.8	3396.5	3341.1	3269.1	3169.3	3053.0	2925.5	2775.9
-50°	3030.8	3058.5	3047.4	3025.3	2992.0	2953.3	2881.2	2775.9	2659.6	2565.4	2460.1
-52.5°	2709.5	2715.0	2709.5	2709.5	2703.9	2676.2	2593.1	2487.8	2360.4	2277.3	2188.6
-55°	2410.3	2438.0	2449.0	2460.1	2465.7	2465.7	2365.9	2255.1	2133.2	2050.1	1983.6
-57.5°	2166.5	2183.1	2194.2	2221.9	2244.0	2260.7	2172.0	2072.3	1978.1	1900.5	1839.5
-60°	1955.9	1978.1	1994.7	2022.4	2039.0	2050.1	1994.7	1928.2	1872.8	1822.9	1734.3
-62.5°	1767.5	1784.1	1800.8	1817.4	1834.0	1845.1	1822.9	1789.7	1762.0	1739.8	1629.0
-65°	1579.1	1595.8	1612.4	1634.5	1651.2	1662.2	1656.7	1634.5	1612.4	1590.2	1490.5
-67.5°	1407.4	1424.0	1446.2	1451.7	1462.8	1468.3	1457.2	1440.6	1412.9	1385.2	1307.6
-70°	1224.5	1235.6	1246.7	1246.7	1246.7	1241.1	1230.1	1207.9	1180.2	1141.4	1080.5
-72.5°	1058.3	1069.4	1080.5	1063.8	1052.8	1036.1	1019.5	991.8	964.1	936.4	903.2
-75°	903.2	908.7	908.7	886.5	869.9	853.3	831.1	814.5	786.8	764.6	736.9
-77.5°	720.3	720.3	720.3	703.7	692.6	681.5	664.9	648.3	626.1	609.5	587.3
-80°	559.6	559.6	559.6	554.1	537.5	526.4	515.3	504.2	487.6	476.5	465.4
-82.5°	426.6	426.6	426.6	421.1	410.0	404.5	393.4	382.3	376.8	365.7	360.2
-85°	310.3	315.8	315.8	310.3	304.7	293.7	288.1	282.6	277.0	271.5	260.4
-87.5°	210.6	210.6	210.6	205.0	199.5	199.5	193.9	182.8	171.8	166.2	160.7
-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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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°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	16.6	16.6	16.6	22.2	22.2	22.2	22.2	22.2	22.2	22.2	16.6
82.5°	27.7	27.7	33.2	33.2	38.8	38.8	38.8	38.8	38.8	38.8	38.8
80°	27.7	33.2	38.8	44.3	49.9	55.4	55.4	55.4	55.4	49.9	49.9
77.5°	33.2	33.2	38.8	44.3	49.9	55.4	60.9	66.5	60.9	60.9	60.9
75°	33.2	38.8	38.8	44.3	49.9	55.4	60.9	66.5	66.5	66.5	66.5
72.5°	27.7	33.2	38.8	44.3	44.3	49.9	55.4	55.4	60.9	60.9	66.5
70°	27.7	33.2	38.8	38.8	44.3	44.3	49.9	55.4	55.4	60.9	60.9
67.5°	33.2	38.8	38.8	44.3	49.9	49.9	49.9	55.4	55.4	60.9	60.9
65°	38.8	44.3	44.3	49.9	55.4	55.4	60.9	60.9	60.9	66.5	66.5
62.5°	66.5	66.5	66.5	60.9	66.5	66.5	66.5	72.0	72.0	66.5	72.0
60°	343.5	249.3	171.8	216.1	193.9	88.7	88.7	88.7	83.1	83.1	77.6
57.5°	809.0	753.6	648.3	548.5	493.1	437.7	271.5	110.8	110.8	99.7	88.7
55°	1352.0	1169.1	1091.5	958.6	814.5	748.0	620.6	421.1	199.5	133.0	116.4
52.5°	2094.4	1922.7	1723.2	1451.7	1257.8	1102.6	997.3	792.3	531.9	282.6	177.3
50°	2803.6	2726.1	2604.2	2338.2	1933.7	1673.3	1501.6	1268.8	953.0	581.8	332.4
47.5°	4515.8	3867.5	3474.1	3269.1	2931.1	2438.0	2105.5	1845.1	1462.8	980.7	587.3
45°	5684.9	5274.9	4648.7	4216.6	3717.9	3197.0	2764.9	2465.7	2011.3	1468.3	919.8
42.5°	6687.8	6333.1	5768.0	5136.3	4610.0	3928.4	3374.4	2981.0	2598.6	2005.8	1374.1
40°	7978.8	7557.7	7014.7	6399.6	5784.6	4914.7	4017.1	3540.6	3119.5	2593.1	1856.2
37.5°	10106.4	9364.0	8477.4	7795.9	6992.5	6255.6	5025.5	4183.3	3684.6	3136.1	2421.3
35°	12666.3	11851.8	10372.4	9469.2	8394.3	7297.2	6189.1	4942.4	4233.2	3651.4	2942.2
32.5°	15048.8	13857.6	11962.6	10904.3	10189.5	8167.2	7020.2	5939.7	4798.3	4083.6	3241.4
30°	15708.2	14395.0	13037.5	11801.9	10582.9	8948.4	7590.9	6748.7	5507.6	4344.0	3524.0
27.5°	15043.3	14140.1	13087.4	11940.4	10621.7	9219.9	7940.0	7136.6	6028.4	4521.3	3745.6
25°	14367.3	13425.4	12688.5	11729.9	10510.9	9203.3	7951.1	7380.4	6432.9	4864.8	3867.5
22.5°	13652.6	13065.2	12455.7	11386.4	10233.9	9253.2	8311.2	7590.9	6643.4	5252.7	3917.4
20°	13691.3	13309.0	12638.6	11209.1	10184.0	9546.8	8743.4	7856.9	6870.6	5590.7	3956.1
17.5°	14311.9	13813.2	12971.0	11729.9	10632.8	9846.0	9103.5	8222.6	7103.3	5889.9	4427.1
15°	15076.5	14317.5	13436.5	12344.9	11103.8	10172.9	9380.6	8477.4	7369.3	6166.9	4848.2
12.5°	15630.6	14550.2	13724.6	12738.3	11613.5	10527.5	9563.4	8671.4	7618.6	6394.1	5164.0
10°	15819.0	14838.3	13863.1	12982.1	11874.0	10715.9	9702.0	8793.3	7834.7	6571.4	5396.7
7.5°	15918.7	15087.6	13957.3	13092.9	12029.1	10832.3	9812.8	8859.8	8006.5	6693.3	5546.3
5°	15907.7	15220.6	14029.3	13126.2	12112.2	10882.1	9890.3	8876.4	8128.4	6798.6	5635.0
2.5°	15857.8	15309.3	14145.7	13181.6	12278.4	10976.3	10039.9	8909.6	8172.7	6914.9	5696.0
0°	16040.6	15314.8	14267.6	13198.2	12389.2	11009.6	10106.4	8881.9	8111.7	6948.2	5690.4
-2.5°	15647.2	14987.9	14239.9	13054.1	12239.6	10932.0	9984.5	8793.3	7978.8	6909.4	5668.2
-5°	15580.8	14749.6	14007.2	12921.2	11990.3	10771.3	9757.4	8627.0	7768.2	6782.0	5579.6
-7.5°	15403.4	14522.5	13780.0	12815.9	11757.6	10605.1	9541.3	8455.3	7541.0	6582.5	5452.2
-10°	15015.6	14173.4	13536.2	12588.7	11475.0	10366.9	9280.9	8228.1	7275.1	6311.0	5252.7
-12.5°	14461.5	13619.3	12987.7	12106.7	11120.4	10045.5	8970.6	7934.4	6970.3	6022.9	5014.4
-15°	13835.4	12982.1	12350.5	11547.0	10594.0	9546.8	8577.2	7563.2	6621.3	5718.1	4731.9
-17.5°	13126.2	12317.2	11707.7	10926.5	9979.0	8981.7	8017.6	7097.8	6216.8	5402.3	4404.9
-20°	12306.1	11519.3	10959.7	10178.5	9308.6	8338.9	7402.5	6532.6	5740.3	4975.6	4044.8

REPORT NUMBER: P722420

CATALOG NUMBER: IFLD-L-SA8B-727-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°	11292.2	10599.6	9962.4	9264.2	8505.1	7618.6	6748.7	5978.5	5219.4	4471.4	3673.6
-25°	10256.0	9585.6	8965.0	8327.8	7602.0	6837.4	6094.9	5396.7	4654.3	3978.3	3313.4
-27.5°	9103.5	8505.1	7951.1	7363.7	6698.8	6039.5	5430.0	4748.5	4105.7	3529.5	2958.8
-30°	7873.5	7385.9	6903.8	6383.0	5845.6	5291.5	4748.5	4105.7	3601.5	3141.6	2659.6
-32.5°	6693.3	6255.6	5867.7	5479.9	5014.4	4560.1	4078.0	3601.5	3180.4	2775.9	2371.5
-35°	5657.2	5191.7	4975.6	4665.4	4294.1	3884.1	3490.7	3158.3	2820.3	2454.6	2094.4
-37.5°	4759.6	4460.4	4205.5	3972.8	3679.1	3324.5	3041.9	2770.4	2487.8	2155.4	1845.1
-40°	4055.9	3839.8	3584.9	3413.1	3174.9	2920.0	2637.4	2410.3	2172.0	1900.5	1645.6
-42.5°	3490.7	3313.4	3147.2	2964.3	2787.0	2570.9	2327.1	2111.0	1895.0	1695.5	1484.9
-45°	3025.3	2897.8	2764.9	2615.3	2460.1	2271.7	2072.3	1850.6	1695.5	1518.2	1340.9
-47.5°	2643.0	2548.8	2438.0	2321.6	2188.6	2022.4	1839.5	1678.9	1518.2	1368.6	1196.8
-50°	2338.2	2249.6	2160.9	2061.2	1944.8	1800.8	1662.2	1512.6	1363.0	1219.0	1058.3
-52.5°	2083.3	2005.8	1933.7	1850.6	1739.8	1617.9	1490.5	1357.5	1219.0	1074.9	947.5
-55°	1906.0	1817.4	1745.4	1662.2	1562.5	1446.2	1329.8	1207.9	1074.9	964.1	858.8
-57.5°	1762.0	1662.2	1579.1	1490.5	1390.7	1291.0	1185.7	1074.9	975.2	869.9	770.2
-60°	1640.1	1523.7	1429.5	1340.9	1246.7	1152.5	1063.8	969.6	875.4	781.3	681.5
-62.5°	1512.6	1390.7	1274.4	1191.3	1119.2	1036.1	958.6	869.9	786.8	692.6	620.6
-65°	1368.6	1252.2	1141.4	1069.4	1002.9	930.9	858.8	781.3	709.2	637.2	570.7
-67.5°	1207.9	1108.2	1030.6	964.1	897.6	836.7	770.2	703.7	642.7	570.7	504.2
-70°	1014.0	958.6	914.2	864.4	803.4	748.0	687.1	626.1	559.6	498.7	437.7
-72.5°	864.4	831.1	797.9	748.0	692.6	642.7	592.9	537.5	482.1	426.6	376.8
-75°	709.2	681.5	653.8	620.6	576.2	537.5	493.1	443.3	398.9	360.2	321.4
-77.5°	570.7	548.5	531.9	504.2	471.0	437.7	410.0	376.8	343.5	304.7	266.0
-80°	454.3	443.3	437.7	426.6	398.9	371.2	349.1	321.4	288.1	260.4	232.7
-82.5°	354.6	354.6	349.1	343.5	321.4	299.2	282.6	260.4	238.3	216.1	188.4
-85°	260.4	254.9	254.9	249.3	232.7	221.6	205.0	193.9	177.3	155.1	144.1
-87.5°	155.1	149.6	144.1	138.5	127.4	121.9	110.8	105.3	94.2	83.1	77.6
-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: P722420

CATALOG NUMBER: IFLD-L-SA8B-727-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°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	0.0	0.0
85°	16.6	11.1	11.1	11.1	11.1	11.1	5.5	5.5	5.5	5.5	5.5
82.5°	33.2	33.2	27.7	27.7	22.2	16.6	11.1	11.1	11.1	5.5	5.5
80°	49.9	49.9	49.9	44.3	38.8	27.7	22.2	16.6	11.1	5.5	5.5
77.5°	60.9	55.4	55.4	49.9	49.9	44.3	33.2	27.7	16.6	11.1	5.5
75°	60.9	60.9	60.9	55.4	55.4	49.9	44.3	33.2	27.7	16.6	11.1
72.5°	66.5	60.9	60.9	60.9	55.4	49.9	44.3	38.8	33.2	22.2	11.1
70°	60.9	60.9	60.9	60.9	55.4	55.4	44.3	38.8	38.8	22.2	16.6
67.5°	60.9	60.9	60.9	55.4	55.4	49.9	44.3	38.8	38.8	27.7	16.6
65°	66.5	60.9	60.9	60.9	55.4	49.9	44.3	38.8	38.8	33.2	22.2
62.5°	72.0	66.5	66.5	60.9	55.4	49.9	44.3	38.8	38.8	33.2	22.2
60°	77.6	72.0	66.5	66.5	60.9	55.4	44.3	44.3	38.8	33.2	22.2
57.5°	83.1	77.6	77.6	72.0	66.5	60.9	49.9	44.3	38.8	33.2	27.7
55°	99.7	88.7	83.1	83.1	77.6	66.5	55.4	44.3	38.8	33.2	27.7
52.5°	133.0	105.3	94.2	94.2	88.7	77.6	60.9	49.9	38.8	33.2	27.7
50°	210.6	133.0	110.8	99.7	99.7	88.7	72.0	55.4	38.8	33.2	27.7
47.5°	332.4	221.6	133.0	116.4	110.8	105.3	83.1	55.4	44.3	33.2	27.7
45°	548.5	326.9	216.1	138.5	116.4	110.8	94.2	60.9	44.3	38.8	27.7
42.5°	753.6	509.8	332.4	166.2	138.5	121.9	99.7	66.5	49.9	38.8	27.7
40°	1185.7	698.1	465.4	271.5	160.7	127.4	110.8	77.6	49.9	38.8	27.7
37.5°	1606.8	925.3	626.1	398.9	182.8	144.1	116.4	83.1	55.4	38.8	33.2
35°	2027.9	1296.5	775.7	531.9	243.8	171.8	121.9	88.7	55.4	38.8	33.2
32.5°	2404.7	1645.6	930.9	664.9	365.7	205.0	133.0	94.2	60.9	44.3	33.2
30°	2715.0	1967.0	1207.9	781.3	476.5	249.3	144.1	94.2	66.5	44.3	33.2
27.5°	2947.7	2216.3	1490.5	903.2	570.7	293.7	166.2	105.3	66.5	44.3	33.2
25°	3136.1	2410.3	1739.8	1030.6	653.8	365.7	199.5	110.8	72.0	49.9	33.2
22.5°	3285.7	2570.9	1944.8	1202.4	753.6	437.7	243.8	121.9	72.0	49.9	33.2
20°	3490.7	2731.6	2083.3	1385.2	858.8	504.2	282.6	133.0	72.0	49.9	38.8
17.5°	3668.0	2892.3	2194.2	1540.3	964.1	554.1	326.9	144.1	77.6	49.9	38.8
15°	3873.0	3047.4	2293.9	1662.2	1063.8	598.4	365.7	155.1	77.6	55.4	38.8
12.5°	4094.7	3191.5	2365.9	1762.0	1169.1	637.2	398.9	177.3	83.1	55.4	38.8
10°	4321.8	3313.4	2426.9	1834.0	1246.7	676.0	421.1	199.5	88.7	55.4	38.8
7.5°	4549.0	3424.2	2504.4	1867.3	1279.9	720.3	432.2	221.6	88.7	60.9	38.8
5°	4704.1	3496.3	2615.3	1889.4	1296.5	770.2	448.8	249.3	94.2	60.9	38.8
2.5°	4837.1	3540.6	2731.6	1906.0	1302.1	797.9	443.3	266.0	99.7	60.9	38.8
0°	4898.1	3540.6	2809.2	1895.0	1285.5	825.6	443.3	282.6	99.7	60.9	38.8
-2.5°	4803.9	3640.3	2787.0	1900.5	1291.0	825.6	465.4	288.1	110.8	66.5	38.8
-5°	4654.3	3679.1	2720.5	1872.8	1279.9	825.6	493.1	293.7	116.4	66.5	44.3
-7.5°	4510.2	3695.7	2643.0	1845.1	1263.3	803.4	498.7	288.1	127.4	72.0	44.3
-10°	4321.8	3512.9	2543.2	1795.2	1230.1	786.8	509.8	288.1	133.0	72.0	44.3
-12.5°	4105.7	3291.2	2421.3	1723.2	1191.3	770.2	515.3	288.1	138.5	77.6	44.3
-15°	3856.4	3064.1	2282.8	1645.6	1135.9	748.0	504.2	282.6	144.1	77.6	49.9
-17.5°	3573.8	2842.4	2138.8	1551.4	1074.9	720.3	482.1	277.0	144.1	77.6	49.9
-20°	3252.5	2620.8	1978.1	1457.2	1002.9	687.1	459.9	266.0	144.1	77.6	49.9

REPORT NUMBER: P722420

CATALOG NUMBER: IFLD-L-SA8B-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2964.3	2415.8	1811.8	1352.0	925.3	648.3	432.2	254.9	144.1	83.1	49.9
-25°	2726.1	2216.3	1684.4	1246.7	842.2	603.9	404.5	243.8	144.1	83.1	49.9
-27.5°	2476.7	2000.2	1551.4	1146.9	786.8	565.2	376.8	232.7	138.5	83.1	49.9
-30°	2221.9	1789.7	1412.9	1036.1	731.4	526.4	354.6	216.1	138.5	83.1	49.9
-32.5°	1989.2	1617.9	1285.5	925.3	670.4	487.6	332.4	210.6	133.0	83.1	49.9
-35°	1762.0	1462.8	1152.5	836.7	603.9	448.8	310.3	205.0	133.0	83.1	49.9
-37.5°	1573.6	1318.7	1030.6	775.7	565.2	415.6	288.1	193.9	127.4	83.1	49.9
-40°	1418.4	1185.7	914.2	709.2	531.9	382.3	266.0	188.4	127.4	83.1	49.9
-42.5°	1274.4	1058.3	842.2	653.8	498.7	360.2	249.3	182.8	121.9	83.1	49.9
-45°	1146.9	947.5	770.2	603.9	459.9	332.4	238.3	171.8	116.4	83.1	55.4
-47.5°	1019.5	869.9	703.7	559.6	421.1	299.2	227.2	166.2	110.8	77.6	55.4
-50°	919.8	786.8	648.3	509.8	382.3	288.1	216.1	155.1	110.8	77.6	55.4
-52.5°	831.1	709.2	587.3	459.9	349.1	271.5	205.0	144.1	105.3	77.6	55.4
-55°	748.0	637.2	526.4	410.0	326.9	254.9	188.4	133.0	105.3	77.6	55.4
-57.5°	664.9	570.7	465.4	371.2	299.2	238.3	177.3	133.0	105.3	77.6	55.4
-60°	598.4	509.8	421.1	343.5	277.0	216.1	160.7	127.4	99.7	77.6	55.4
-62.5°	543.0	459.9	382.3	310.3	254.9	193.9	155.1	127.4	99.7	77.6	49.9
-65°	487.6	415.6	343.5	282.6	227.2	182.8	149.6	121.9	99.7	77.6	49.9
-67.5°	432.2	365.7	310.3	249.3	210.6	177.3	144.1	121.9	94.2	72.0	49.9
-70°	376.8	321.4	271.5	232.7	199.5	166.2	138.5	116.4	94.2	66.5	44.3
-72.5°	332.4	282.6	243.8	216.1	188.4	160.7	133.0	110.8	88.7	60.9	38.8
-75°	282.6	249.3	221.6	193.9	171.8	149.6	127.4	99.7	77.6	55.4	38.8
-77.5°	238.3	216.1	193.9	177.3	155.1	133.0	110.8	88.7	72.0	49.9	33.2
-80°	205.0	188.4	171.8	155.1	138.5	116.4	99.7	77.6	60.9	44.3	27.7
-82.5°	166.2	155.1	138.5	127.4	116.4	99.7	83.1	66.5	44.3	33.2	22.2
-85°	127.4	116.4	110.8	99.7	88.7	72.0	55.4	44.3	33.2	22.2	11.1
-87.5°	66.5	60.9	55.4	49.9	44.3	33.2	27.7	22.2	16.6	11.1	5.5
-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: P722420

CATALOG NUMBER: IFLD-L-SA8B-727-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°	5.5	0.0	0.0	0.0
77.5°	5.5	0.0	0.0	0.0
75°	5.5	5.5	0.0	0.0
72.5°	5.5	5.5	0.0	0.0
70°	5.5	5.5	0.0	0.0
67.5°	11.1	5.5	0.0	0.0
65°	11.1	5.5	0.0	0.0
62.5°	11.1	5.5	0.0	0.0
60°	11.1	5.5	0.0	0.0
57.5°	16.6	5.5	5.5	0.0
55°	16.6	5.5	5.5	0.0
52.5°	16.6	5.5	5.5	0.0
50°	16.6	11.1	5.5	0.0
47.5°	16.6	11.1	5.5	0.0
45°	16.6	11.1	5.5	0.0
42.5°	16.6	11.1	5.5	0.0
40°	22.2	11.1	5.5	0.0
37.5°	22.2	11.1	5.5	0.0
35°	22.2	11.1	5.5	0.0
32.5°	22.2	11.1	5.5	0.0
30°	22.2	11.1	5.5	0.0
27.5°	22.2	16.6	5.5	0.0
25°	22.2	16.6	5.5	0.0
22.5°	27.7	16.6	5.5	0.0
20°	27.7	16.6	5.5	0.0
17.5°	27.7	16.6	5.5	0.0
15°	27.7	16.6	5.5	0.0
12.5°	27.7	16.6	5.5	0.0
10°	27.7	16.6	5.5	0.0
7.5°	27.7	16.6	5.5	0.0
5°	27.7	16.6	5.5	0.0
2.5°	27.7	16.6	5.5	0.0
0°	27.7	16.6	5.5	0.0
-2.5°	27.7	16.6	5.5	0.0
-5°	27.7	16.6	5.5	0.0
-7.5°	27.7	16.6	5.5	0.0
-10°	27.7	16.6	5.5	0.0
-12.5°	33.2	16.6	5.5	0.0
-15°	33.2	16.6	5.5	0.0
-17.5°	33.2	16.6	5.5	0.0
-20°	33.2	16.6	5.5	0.0

REPORT NUMBER: P722420

CATALOG NUMBER: IFLD-L-SA8B-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	33.2	16.6	5.5	0.0
-25°	33.2	16.6	5.5	0.0
-27.5°	33.2	16.6	5.5	0.0
-30°	33.2	16.6	5.5	0.0
-32.5°	33.2	16.6	5.5	0.0
-35°	33.2	16.6	5.5	0.0
-37.5°	33.2	16.6	5.5	0.0
-40°	33.2	16.6	5.5	0.0
-42.5°	27.7	16.6	5.5	0.0
-45°	33.2	16.6	5.5	0.0
-47.5°	33.2	16.6	5.5	0.0
-50°	33.2	16.6	5.5	0.0
-52.5°	33.2	16.6	5.5	0.0
-55°	33.2	16.6	5.5	0.0
-57.5°	33.2	16.6	5.5	0.0
-60°	33.2	16.6	5.5	0.0
-62.5°	27.7	16.6	5.5	0.0
-65°	27.7	11.1	5.5	0.0
-67.5°	27.7	11.1	5.5	0.0
-70°	27.7	11.1	5.5	0.0
-72.5°	22.2	11.1	5.5	0.0
-75°	22.2	11.1	5.5	0.0
-77.5°	16.6	5.5	0.0	0.0
-80°	16.6	5.5	0.0	0.0
-82.5°	11.1	5.5	0.0	0.0
-85°	5.5	5.5	0.0	0.0
-87.5°	5.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)