

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: P722506

Luminaire Tested: **IFLD-L-SA8A-740-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722506
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-740-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

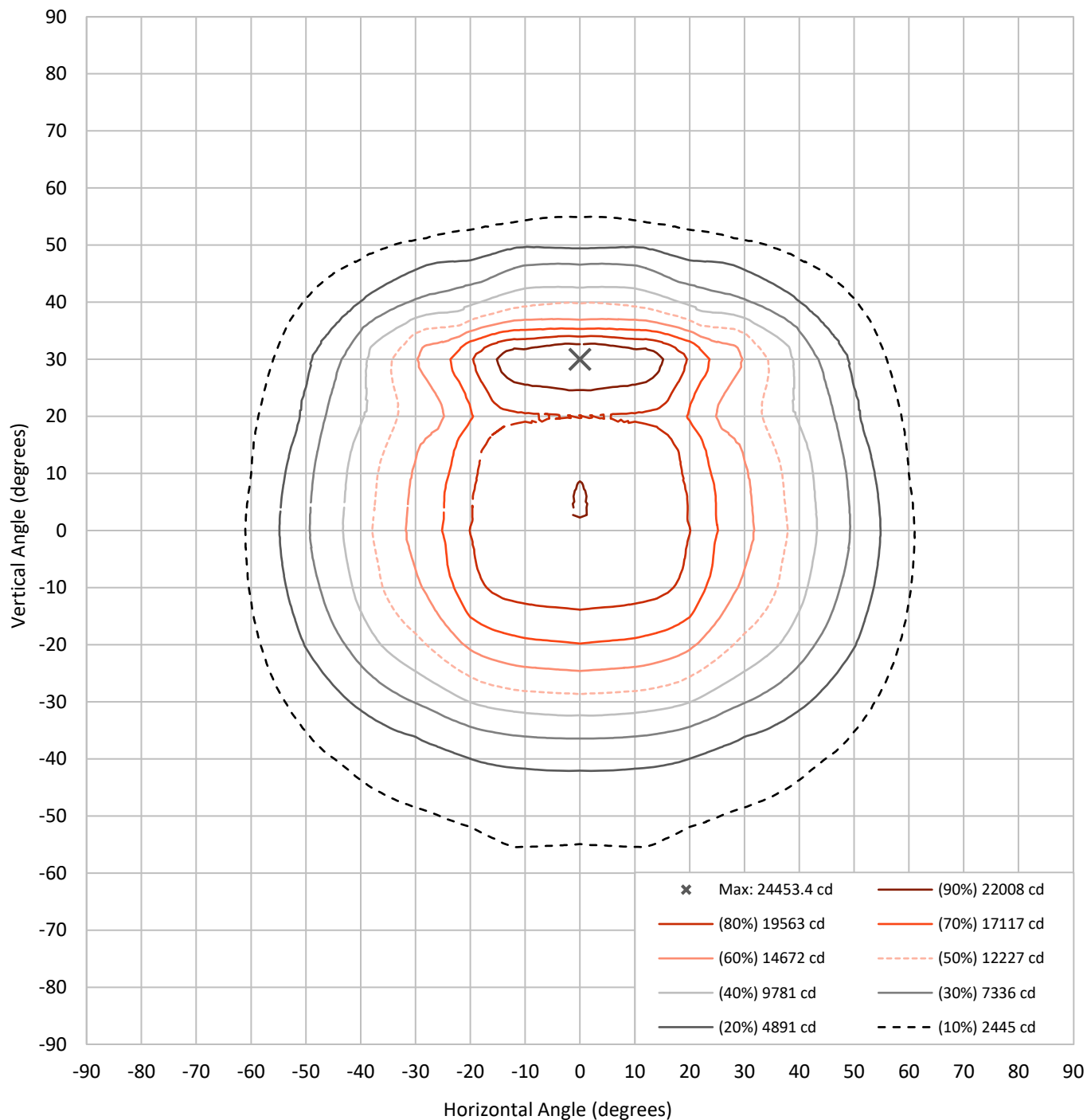
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	35028 lumens	Max Intensity:	24453.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	141.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	22346.3 lumens	Field Lumens:	33023.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	247.8		
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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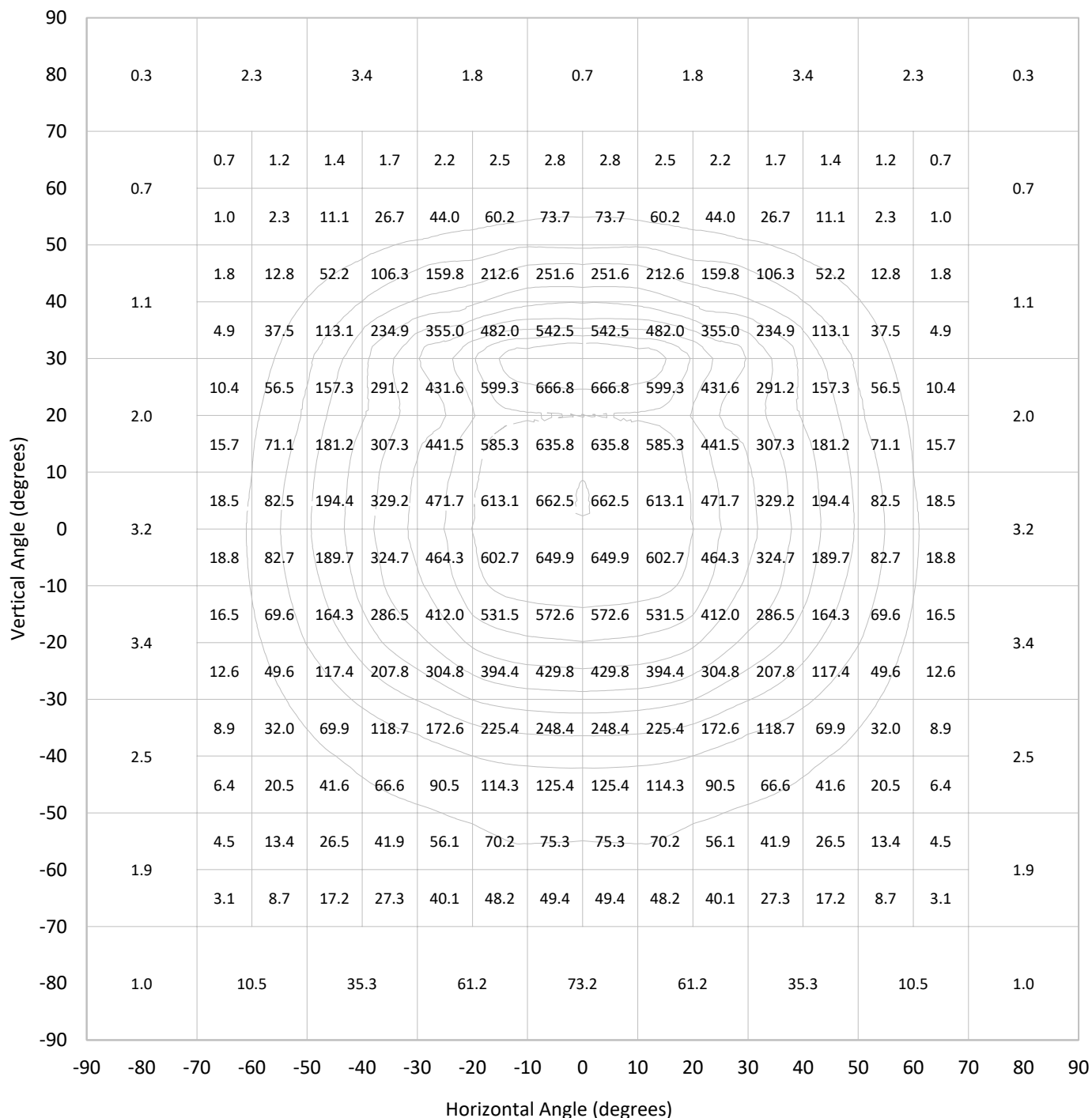
Iso-Candela Plot



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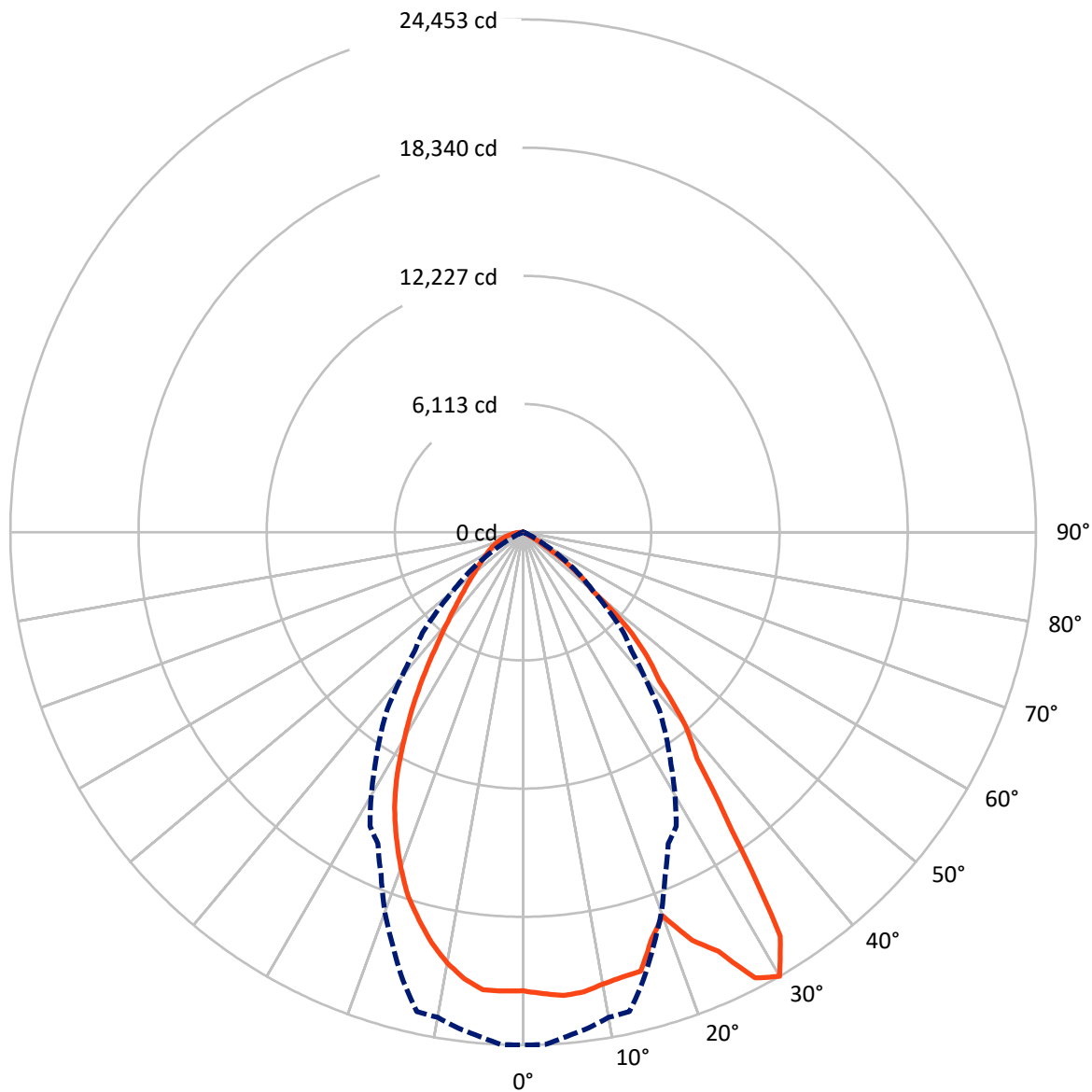
Lumen Table



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Luminous Intensity Polar Plot



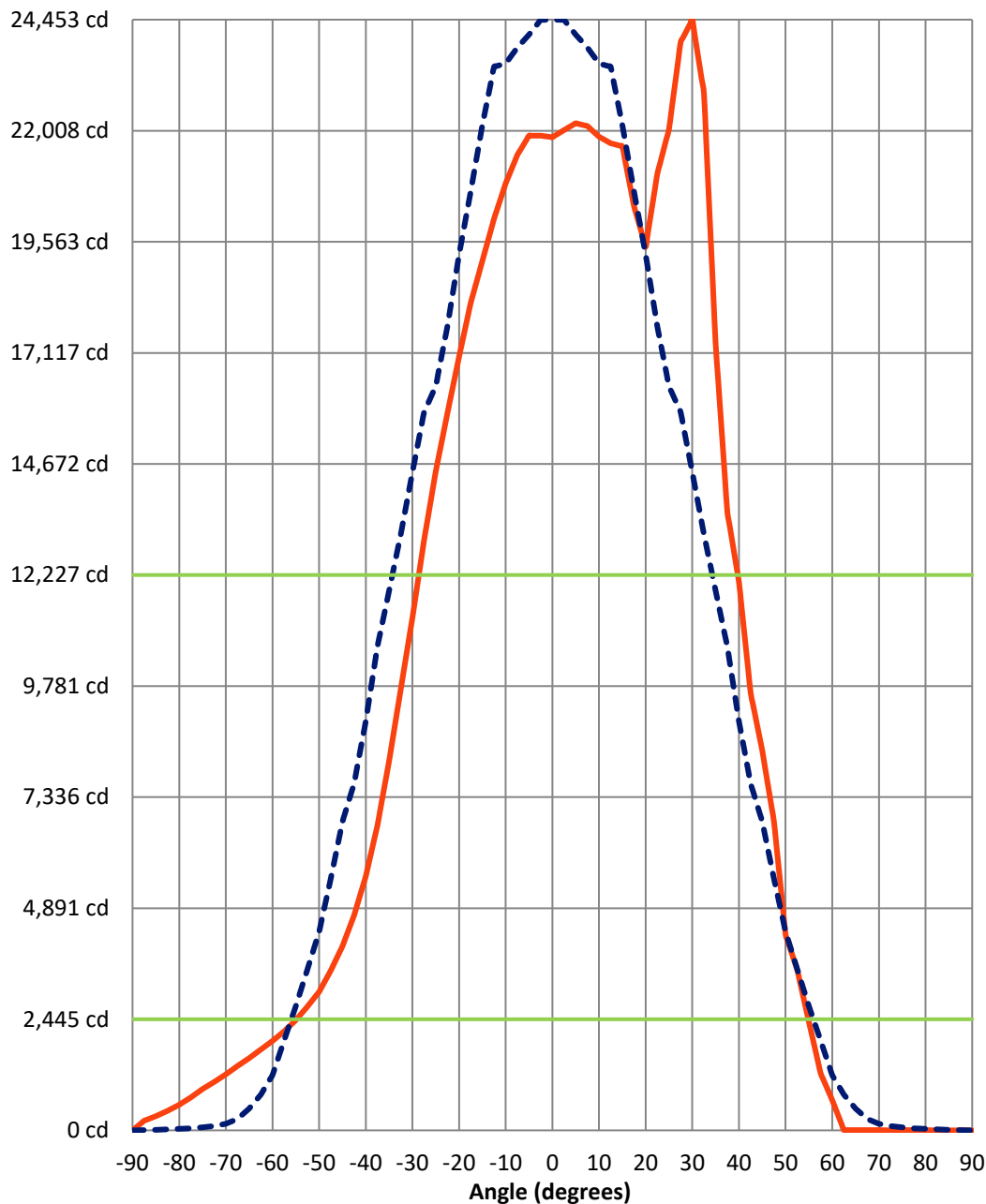
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 22346.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 33023.6

Efficiency: 94.3%

Spill:

Lumens: 2004.5

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	5.6	5.6	5.6	5.6	5.6	5.6	5.6
85°	0.0	5.6	5.6	5.6	11.2	11.2	11.2	11.2	11.2	11.2	16.7
82.5°	0.0	5.6	5.6	5.6	11.2	11.2	11.2	11.2	16.7	16.7	22.3
80°	5.6	5.6	5.6	5.6	11.2	11.2	11.2	16.7	16.7	22.3	22.3
77.5°	5.6	5.6	5.6	11.2	11.2	11.2	16.7	16.7	22.3	22.3	27.9
75°	5.6	5.6	5.6	11.2	11.2	16.7	16.7	16.7	22.3	22.3	27.9
72.5°	0.0	5.6	5.6	11.2	11.2	16.7	16.7	16.7	22.3	22.3	22.3
70°	5.6	5.6	5.6	11.2	11.2	16.7	16.7	16.7	22.3	22.3	22.3
67.5°	5.6	5.6	5.6	11.2	11.2	16.7	16.7	22.3	22.3	22.3	27.9
65°	5.6	5.6	5.6	11.2	16.7	16.7	22.3	27.9	27.9	33.5	39.0
62.5°	5.6	11.2	11.2	16.7	22.3	27.9	61.3	94.8	94.8	66.9	55.8
60°	663.6	719.4	713.8	646.9	563.2	474.0	457.3	440.6	407.1	356.9	373.6
57.5°	1260.3	1327.2	1355.1	1338.4	1293.8	1215.7	1171.1	1120.9	1054.0	975.9	886.7
55°	2386.8	2414.7	2353.3	2236.2	2108.0	1979.7	1935.1	1868.2	1767.8	1667.4	1533.6
52.5°	3530.0	3624.8	3596.9	3479.8	3306.9	3078.3	2827.3	2632.2	2515.1	2403.5	2269.7
50°	4310.7	4349.8	4427.8	4567.2	4617.4	4461.3	4054.2	3530.0	3156.4	3346.0	3201.0
47.5°	6803.5	6998.6	6959.6	6859.2	6691.9	6268.1	5699.3	5230.9	4840.5	4712.2	4734.5
45°	8359.3	8437.4	8409.5	8364.9	8286.8	7890.9	7260.7	6541.4	6178.9	6033.9	5883.3
42.5°	9636.4	9720.0	9736.8	9742.3	9658.7	9296.2	8727.4	8008.0	7645.5	7227.3	6898.3
40°	12073.4	12196.0	12056.6	11872.6	11593.8	11181.1	10623.4	9959.8	9318.5	8805.5	8415.1
37.5°	13629.2	13779.8	13835.6	13824.4	13763.1	13584.6	12898.7	12268.5	11287.1	10138.3	10344.6
35°	17321.0	17477.1	17432.5	17265.2	17176.0	16986.4	16317.2	15569.9	14337.5	13088.3	12753.7
32.5°	22825.1	23165.2	22529.5	21832.4	21403.0	21553.6	20873.3	19044.1	18475.3	16222.4	15179.5
30°	24453.4	24447.9	24124.4	23840.0	23488.7	23416.2	22133.6	20672.5	19278.3	17700.2	16384.1
27.5°	23957.1	23856.7	23583.5	23377.2	23048.1	22875.3	21620.5	20460.6	18848.9	17438.1	16166.6
25°	22044.3	22122.4	21843.6	21804.6	21676.3	21341.7	20717.1	19412.2	17973.4	16412.0	15497.4
22.5°	21057.3	21029.4	20694.8	20499.6	20655.8	20298.9	20047.9	18731.8	17231.7	15915.6	14817.1
20°	19451.2	19456.8	19373.1	19356.4	19261.6	19099.9	18899.1	17967.8	16908.3	15781.8	14460.2
17.5°	20349.1	20577.7	20678.1	19847.2	20081.4	19897.3	19685.4	18386.1	17588.6	16590.4	14867.2
15°	21665.1	21581.5	21481.1	21436.5	21308.2	21135.4	20750.6	19713.3	18341.5	17309.8	15965.8
12.5°	21732.1	21570.3	21531.3	21525.7	21391.9	21152.1	20778.5	19919.7	18704.0	17449.2	16356.2
10°	21877.0	21709.7	21687.4	21715.3	21509.0	21358.4	20984.8	20187.3	18815.5	17689.0	16657.3
7.5°	22111.3	21832.4	21960.7	21877.0	21782.2	21542.4	21140.9	20360.2	19222.6	18006.9	16925.0
5°	22172.6	21865.9	22005.3	21927.2	21787.8	21553.6	21118.6	20471.7	19473.5	18135.1	17031.0
2.5°	22022.0	21932.8	21871.5	21726.5	21665.1	21408.6	20995.9	20304.4	19356.4	18079.4	17008.7
0°	21865.9	21944.0	21804.6	21659.6	21631.7	21425.3	21074.0	20449.4	19629.7	18235.5	17198.3
-2.5°	21899.4	21838.0	21743.2	21592.6	21447.6	21152.1	20834.2	20248.7	19367.6	17895.3	16930.6
-5°	21899.4	21614.9	21626.1	21631.7	21486.7	21180.0	20795.2	20298.9	19211.4	17889.8	16852.5
-7.5°	21475.5	21230.2	21191.1	21157.7	21118.6	20834.2	20533.1	19914.1	18949.3	17744.8	16635.0
-10°	20851.0	20611.2	20633.5	20583.3	20460.6	20271.0	20042.3	19484.7	18692.8	17287.5	16194.5
-12.5°	20070.2	19964.3	19902.9	19819.3	19696.6	19529.3	19295.1	18770.9	17923.2	16724.3	15687.0
-15°	19144.5	19066.4	19010.7	18960.5	18782.0	18609.2	18302.4	17817.3	17287.5	15999.3	14939.7
-17.5°	18218.8	18023.6	17945.5	17878.6	17761.5	17482.7	17203.8	16841.4	16099.7	15079.2	14170.2
-20°	17031.0	16913.9	16819.1	16729.8	16562.5	16345.0	16116.4	15698.2	15056.9	14231.5	13289.1

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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°	15787.4	15720.5	15642.4	15530.9	15419.3	15213.0	14895.1	14493.6	13991.7	13099.5	12218.4
-25°	14504.8	14376.5	14281.7	14175.7	14086.5	13896.9	13590.2	13205.4	12575.3	11805.7	11069.6
-27.5°	12993.5	12870.8	12820.6	12697.9	12619.9	12447.0	12140.3	11783.4	11214.6	10567.7	9820.4
-30°	11287.1	11309.4	11253.6	11136.5	11041.7	10818.6	10584.4	10283.3	9837.1	9218.1	8548.9
-32.5°	9708.9	9736.8	9669.8	9547.2	9424.5	9262.8	9045.3	8772.0	8437.4	7846.3	7266.3
-35°	8130.7	8119.5	8063.8	7991.3	7907.6	7773.8	7528.4	7322.1	6937.3	6524.6	6123.1
-37.5°	6714.2	6742.1	6725.4	6686.4	6591.6	6480.0	6279.3	6089.7	5805.3	5442.8	5130.5
-40°	5593.3	5626.8	5604.5	5565.5	5481.8	5414.9	5281.1	5113.8	4885.1	4572.8	4310.7
-42.5°	4734.5	4756.8	4729.0	4695.5	4623.0	4572.8	4466.9	4327.5	4137.8	3898.1	3663.8
-45°	4054.2	4059.8	4031.9	4009.6	3953.8	3892.5	3803.2	3691.7	3541.1	3373.8	3184.2
-47.5°	3518.8	3513.3	3485.4	3463.1	3418.5	3362.7	3290.2	3189.8	3072.7	2944.5	2793.9
-50°	3050.4	3078.3	3067.1	3044.8	3011.4	2972.3	2899.8	2793.9	2676.8	2582.0	2476.0
-52.5°	2727.0	2732.5	2727.0	2727.0	2721.4	2693.5	2609.9	2503.9	2375.6	2292.0	2202.8
-55°	2425.8	2453.7	2464.9	2476.0	2481.6	2481.6	2381.2	2269.7	2147.0	2063.3	1996.4
-57.5°	2180.5	2197.2	2208.3	2236.2	2258.5	2275.3	2186.0	2085.7	1990.9	1912.8	1851.4
-60°	1968.5	1990.9	2007.6	2035.5	2052.2	2063.3	2007.6	1940.7	1884.9	1834.7	1745.5
-62.5°	1778.9	1795.7	1812.4	1829.1	1845.9	1857.0	1834.7	1801.2	1773.4	1751.1	1639.5
-65°	1589.3	1606.1	1622.8	1645.1	1661.8	1673.0	1667.4	1645.1	1622.8	1600.5	1500.1
-67.5°	1416.5	1433.2	1455.5	1461.1	1472.2	1477.8	1466.6	1449.9	1422.0	1394.2	1316.1
-70°	1232.4	1243.6	1254.7	1254.7	1254.7	1249.2	1238.0	1215.7	1187.8	1148.8	1087.4
-72.5°	1065.1	1076.3	1087.4	1070.7	1059.6	1042.8	1026.1	998.2	970.3	942.4	909.0
-75°	909.0	914.6	914.6	892.3	875.5	858.8	836.5	819.8	791.9	769.6	741.7
-77.5°	725.0	725.0	725.0	708.2	697.1	685.9	669.2	652.5	630.2	613.4	591.1
-80°	563.2	563.2	563.2	557.7	540.9	529.8	518.6	507.5	490.7	479.6	468.4
-82.5°	429.4	429.4	429.4	423.8	412.7	407.1	395.9	384.8	379.2	368.1	362.5
-85°	312.3	317.9	317.9	312.3	306.7	295.6	290.0	284.4	278.8	273.3	262.1
-87.5°	211.9	211.9	211.9	206.3	200.8	200.8	195.2	184.0	172.9	167.3	161.7
-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°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
85°	16.7	16.7	16.7	22.3	22.3	22.3	22.3	22.3	22.3	22.3	16.7
82.5°	27.9	27.9	33.5	33.5	39.0	39.0	39.0	39.0	39.0	39.0	39.0
80°	27.9	33.5	39.0	44.6	50.2	55.8	55.8	55.8	55.8	50.2	50.2
77.5°	33.5	33.5	39.0	44.6	50.2	55.8	61.3	66.9	61.3	61.3	61.3
75°	33.5	39.0	39.0	44.6	50.2	55.8	61.3	66.9	66.9	66.9	66.9
72.5°	27.9	33.5	39.0	44.6	44.6	50.2	55.8	55.8	61.3	61.3	66.9
70°	27.9	33.5	39.0	39.0	44.6	44.6	50.2	55.8	55.8	61.3	61.3
67.5°	33.5	39.0	39.0	44.6	50.2	50.2	50.2	55.8	55.8	61.3	61.3
65°	39.0	44.6	44.6	50.2	55.8	55.8	61.3	61.3	61.3	66.9	66.9
62.5°	66.9	66.9	66.9	61.3	66.9	66.9	66.9	72.5	72.5	66.9	72.5
60°	345.7	250.9	172.9	217.5	195.2	89.2	89.2	89.2	83.6	83.6	78.1
57.5°	814.2	758.4	652.5	552.1	496.3	440.6	273.3	111.5	111.5	100.4	89.2
55°	1360.7	1176.7	1098.6	964.8	819.8	752.8	624.6	423.8	200.8	133.8	117.1
52.5°	2108.0	1935.1	1734.3	1461.1	1265.9	1109.7	1003.8	797.5	535.4	284.4	178.5
50°	2821.8	2743.7	2621.0	2353.3	1946.2	1684.1	1511.3	1277.0	959.2	585.5	334.6
47.5°	4544.9	3892.5	3496.5	3290.2	2950.0	2453.7	2119.1	1857.0	1472.2	987.1	591.1
45°	5721.6	5308.9	4678.8	4243.8	3741.9	3217.7	2782.7	2481.6	2024.3	1477.8	925.7
42.5°	6731.0	6374.1	5805.3	5169.5	4639.7	3953.8	3396.2	3000.2	2615.4	2018.7	1383.0
40°	8030.3	7606.5	7060.0	6441.0	5822.0	4946.5	4043.0	3563.5	3139.6	2609.9	1868.2
37.5°	10171.7	9424.5	8532.2	7846.3	7037.7	6296.0	5058.0	4210.3	3708.4	3156.4	2437.0
35°	12748.1	11928.4	10439.4	9530.4	8448.6	7344.4	6229.1	4974.3	4260.5	3675.0	2961.2
32.5°	15146.1	13947.1	12039.9	10974.8	10255.4	8219.9	7065.6	5978.1	4829.3	4110.0	3262.3
30°	15809.7	14488.0	13121.8	11878.2	10651.3	9006.2	7640.0	6792.3	5543.2	4372.1	3546.7
27.5°	15140.5	14231.5	13172.0	12017.6	10690.4	9279.5	7991.3	7182.7	6067.4	4550.5	3769.8
25°	14460.2	13512.1	12770.4	11805.7	10578.8	9262.8	8002.4	7428.0	6474.4	4896.3	3892.5
22.5°	13740.8	13149.6	12536.2	11459.9	10300.0	9312.9	8364.9	7640.0	6686.4	5286.6	3942.7
20°	13779.8	13395.0	12720.3	11281.5	10249.8	9608.5	8799.9	7907.6	6915.0	5626.8	3981.7
17.5°	14404.4	13902.5	13054.8	11805.7	10701.5	9909.6	9162.4	8275.7	7149.2	5927.9	4455.7
15°	15174.0	14410.0	13523.3	12424.7	11175.5	10238.7	9441.2	8532.2	7416.9	6206.8	4879.5
12.5°	15731.6	14644.2	13813.3	12820.6	11688.6	10595.6	9625.2	8727.4	7667.8	6435.4	5197.4
10°	15921.2	14934.2	13952.7	13066.0	11950.7	10785.2	9764.6	8850.1	7885.3	6613.9	5431.6
7.5°	16021.6	15185.1	14047.5	13177.5	12106.8	10902.3	9876.2	8917.0	8058.2	6736.5	5582.2
5°	16010.5	15319.0	14120.0	13211.0	12190.5	10952.5	9954.3	8933.7	8180.9	6842.5	5671.4
2.5°	15960.3	15408.2	14237.1	13266.8	12357.8	11047.3	10104.8	8967.2	8225.5	6959.6	5732.8
0°	16144.3	15413.8	14359.8	13283.5	12469.3	11080.7	10171.7	8939.3	8164.2	6993.1	5727.2
-2.5°	15748.4	15084.7	14331.9	13138.5	12318.7	11002.7	10049.1	8850.1	8030.3	6954.0	5704.9
-5°	15681.4	14844.9	14097.7	13004.7	12067.8	10840.9	9820.4	8682.8	7818.4	6825.8	5615.6
-7.5°	15503.0	14616.3	13869.0	12898.7	11833.6	10673.6	9602.9	8509.9	7589.8	6625.0	5487.4
-10°	15112.6	14265.0	13623.7	12670.1	11549.2	10433.8	9340.8	8281.3	7322.1	6351.8	5286.6
-12.5°	14555.0	13707.3	13071.6	12184.9	11192.3	10110.4	9028.5	7985.7	7015.4	6061.8	5046.8
-15°	13924.8	13066.0	12430.3	11621.7	10662.5	9608.5	8632.6	7612.1	6664.1	5755.1	4762.4
-17.5°	13211.0	12396.8	11783.4	10997.1	10043.5	9039.7	8069.4	7143.6	6257.0	5437.2	4433.4
-20°	12385.7	11593.8	11030.5	10244.2	9368.7	8392.8	7450.4	6574.8	5777.4	5007.8	4070.9

REPORT NUMBER: P722506

CATALOG NUMBER: IFLD-L-SA8A-740-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°	11365.1	10668.1	10026.7	9324.1	8560.1	7667.8	6792.3	6017.2	5253.2	4500.3	3697.3
-25°	10322.3	9647.5	9023.0	8381.6	7651.1	6881.5	6134.3	5431.6	4684.4	4004.0	3334.8
-27.5°	9162.4	8560.1	8002.4	7411.3	6742.1	6078.5	5465.1	4779.2	4132.3	3552.3	2977.9
-30°	7924.4	7433.6	6948.5	6424.3	5883.3	5325.7	4779.2	4132.3	3624.8	3161.9	2676.8
-32.5°	6736.5	6296.0	5905.6	5515.3	5046.8	4589.6	4104.4	3624.8	3201.0	2793.9	2386.8
-35°	5693.7	5225.3	5007.8	4695.5	4321.9	3909.2	3513.3	3178.7	2838.5	2470.4	2108.0
-37.5°	4790.3	4489.2	4232.6	3998.4	3702.9	3346.0	3061.6	2788.3	2503.9	2169.3	1857.0
-40°	4082.1	3864.6	3608.1	3435.2	3195.4	2938.9	2654.5	2425.8	2186.0	1912.8	1656.3
-42.5°	3513.3	3334.8	3167.5	2983.5	2805.0	2587.5	2342.2	2124.7	1907.2	1706.4	1494.5
-45°	3044.8	2916.6	2782.7	2632.2	2476.0	2286.4	2085.7	1862.6	1706.4	1528.0	1349.5
-47.5°	2660.0	2565.2	2453.7	2336.6	2202.8	2035.5	1851.4	1689.7	1528.0	1377.4	1204.5
-50°	2353.3	2264.1	2174.9	2074.5	1957.4	1812.4	1673.0	1522.4	1371.8	1226.9	1065.1
-52.5°	2096.8	2018.7	1946.2	1862.6	1751.1	1628.4	1500.1	1366.3	1226.9	1081.9	953.6
-55°	1918.4	1829.1	1756.6	1673.0	1572.6	1455.5	1338.4	1215.7	1081.9	970.3	864.4
-57.5°	1773.4	1673.0	1589.3	1500.1	1399.7	1299.4	1193.4	1081.9	981.5	875.5	775.1
-60°	1650.7	1533.6	1438.8	1349.5	1254.7	1159.9	1070.7	975.9	881.1	786.3	685.9
-62.5°	1522.4	1399.7	1282.6	1199.0	1126.5	1042.8	964.8	875.5	791.9	697.1	624.6
-65°	1377.4	1260.3	1148.8	1076.3	1009.4	936.9	864.4	786.3	713.8	641.3	574.4
-67.5°	1215.7	1115.3	1037.2	970.3	903.4	842.1	775.1	708.2	646.9	574.4	507.5
-70°	1020.5	964.8	920.1	870.0	808.6	752.8	691.5	630.2	563.2	501.9	440.6
-72.5°	870.0	836.5	803.0	752.8	697.1	646.9	596.7	540.9	485.2	429.4	379.2
-75°	713.8	685.9	658.0	624.6	580.0	540.9	496.3	446.1	401.5	362.5	323.4
-77.5°	574.4	552.1	535.4	507.5	474.0	440.6	412.7	379.2	345.7	306.7	267.7
-80°	457.3	446.1	440.6	429.4	401.5	373.6	351.3	323.4	290.0	262.1	234.2
-82.5°	356.9	356.9	351.3	345.7	323.4	301.1	284.4	262.1	239.8	217.5	189.6
-85°	262.1	256.5	256.5	250.9	234.2	223.1	206.3	195.2	178.5	156.1	145.0
-87.5°	156.1	150.6	145.0	139.4	128.3	122.7	111.5	106.0	94.8	83.6	78.1
-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: P722506

CATALOG NUMBER: IFLD-L-SA8A-740-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°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	0.0	0.0
85°	16.7	11.2	11.2	11.2	11.2	11.2	5.6	5.6	5.6	5.6	5.6
82.5°	33.5	33.5	27.9	27.9	22.3	16.7	11.2	11.2	11.2	5.6	5.6
80°	50.2	50.2	50.2	44.6	39.0	27.9	22.3	16.7	11.2	5.6	5.6
77.5°	61.3	55.8	55.8	50.2	50.2	44.6	33.5	27.9	16.7	11.2	5.6
75°	61.3	61.3	61.3	55.8	55.8	50.2	44.6	33.5	27.9	16.7	11.2
72.5°	66.9	61.3	61.3	61.3	55.8	50.2	44.6	39.0	33.5	22.3	11.2
70°	61.3	61.3	61.3	61.3	55.8	55.8	44.6	39.0	39.0	22.3	16.7
67.5°	61.3	61.3	61.3	55.8	55.8	50.2	44.6	39.0	39.0	27.9	16.7
65°	66.9	61.3	61.3	61.3	55.8	50.2	44.6	39.0	39.0	33.5	22.3
62.5°	72.5	66.9	66.9	61.3	55.8	50.2	44.6	39.0	39.0	33.5	22.3
60°	78.1	72.5	66.9	66.9	61.3	55.8	44.6	44.6	39.0	33.5	22.3
57.5°	83.6	78.1	78.1	72.5	66.9	61.3	50.2	44.6	39.0	33.5	27.9
55°	100.4	89.2	83.6	83.6	78.1	66.9	55.8	44.6	39.0	33.5	27.9
52.5°	133.8	106.0	94.8	94.8	89.2	78.1	61.3	50.2	39.0	33.5	27.9
50°	211.9	133.8	111.5	100.4	100.4	89.2	72.5	55.8	39.0	33.5	27.9
47.5°	334.6	223.1	133.8	117.1	111.5	106.0	83.6	55.8	44.6	33.5	27.9
45°	552.1	329.0	217.5	139.4	117.1	111.5	94.8	61.3	44.6	39.0	27.9
42.5°	758.4	513.0	334.6	167.3	139.4	122.7	100.4	66.9	50.2	39.0	27.9
40°	1193.4	702.7	468.4	273.3	161.7	128.3	111.5	78.1	50.2	39.0	27.9
37.5°	1617.2	931.3	630.2	401.5	184.0	145.0	117.1	83.6	55.8	39.0	33.5
35°	2041.0	1304.9	780.7	535.4	245.4	172.9	122.7	89.2	55.8	39.0	33.5
32.5°	2420.2	1656.3	936.9	669.2	368.1	206.3	133.8	94.8	61.3	44.6	33.5
30°	2732.5	1979.7	1215.7	786.3	479.6	250.9	145.0	94.8	66.9	44.6	33.5
27.5°	2966.8	2230.6	1500.1	909.0	574.4	295.6	167.3	106.0	66.9	44.6	33.5
25°	3156.4	2425.8	1751.1	1037.2	658.0	368.1	200.8	111.5	72.5	50.2	33.5
22.5°	3306.9	2587.5	1957.4	1210.1	758.4	440.6	245.4	122.7	72.5	50.2	33.5
20°	3513.3	2749.3	2096.8	1394.2	864.4	507.5	284.4	133.8	72.5	50.2	39.0
17.5°	3691.7	2911.0	2208.3	1550.3	970.3	557.7	329.0	145.0	78.1	50.2	39.0
15°	3898.1	3067.1	2308.7	1673.0	1070.7	602.3	368.1	156.1	78.1	55.8	39.0
12.5°	4121.1	3212.1	2381.2	1773.4	1176.7	641.3	401.5	178.5	83.6	55.8	39.0
10°	4349.8	3334.8	2442.6	1845.9	1254.7	680.3	423.8	200.8	89.2	55.8	39.0
7.5°	4578.4	3446.3	2520.6	1879.3	1288.2	725.0	435.0	223.1	89.2	61.3	39.0
5°	4734.5	3518.8	2632.2	1901.6	1304.9	775.1	451.7	250.9	94.8	61.3	39.0
2.5°	4868.4	3563.5	2749.3	1918.4	1310.5	803.0	446.1	267.7	100.4	61.3	39.0
0°	4929.7	3563.5	2827.3	1907.2	1293.8	830.9	446.1	284.4	100.4	61.3	39.0
-2.5°	4834.9	3663.8	2805.0	1912.8	1299.4	830.9	468.4	290.0	111.5	66.9	39.0
-5°	4684.4	3702.9	2738.1	1884.9	1288.2	830.9	496.3	295.6	117.1	66.9	44.6
-7.5°	4539.4	3719.6	2660.0	1857.0	1271.5	808.6	501.9	290.0	128.3	72.5	44.6
-10°	4349.8	3535.6	2559.7	1806.8	1238.0	791.9	513.0	290.0	133.8	72.5	44.6
-12.5°	4132.3	3312.5	2437.0	1734.3	1199.0	775.1	518.6	290.0	139.4	78.1	44.6
-15°	3881.3	3083.9	2297.6	1656.3	1143.2	752.8	507.5	284.4	145.0	78.1	50.2
-17.5°	3596.9	2860.8	2152.6	1561.5	1081.9	725.0	485.2	278.8	145.0	78.1	50.2
-20°	3273.5	2637.7	1990.9	1466.6	1009.4	691.5	462.9	267.7	145.0	78.1	50.2

REPORT NUMBER: P722506

CATALOG NUMBER: IFLD-L-SA8A-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2983.5	2431.4	1823.6	1360.7	931.3	652.5	435.0	256.5	145.0	83.6	50.2
-25°	2743.7	2230.6	1695.3	1254.7	847.6	607.9	407.1	245.4	145.0	83.6	50.2
-27.5°	2492.7	2013.2	1561.5	1154.4	791.9	568.8	379.2	234.2	139.4	83.6	50.2
-30°	2236.2	1801.2	1422.0	1042.8	736.1	529.8	356.9	217.5	139.4	83.6	50.2
-32.5°	2002.0	1628.4	1293.8	931.3	674.8	490.7	334.6	211.9	133.8	83.6	50.2
-35°	1773.4	1472.2	1159.9	842.1	607.9	451.7	312.3	206.3	133.8	83.6	50.2
-37.5°	1583.8	1327.2	1037.2	780.7	568.8	418.2	290.0	195.2	128.3	83.6	50.2
-40°	1427.6	1193.4	920.1	713.8	535.4	384.8	267.7	189.6	128.3	83.6	50.2
-42.5°	1282.6	1065.1	847.6	658.0	501.9	362.5	250.9	184.0	122.7	83.6	50.2
-45°	1154.4	953.6	775.1	607.9	462.9	334.6	239.8	172.9	117.1	83.6	55.8
-47.5°	1026.1	875.5	708.2	563.2	423.8	301.1	228.6	167.3	111.5	78.1	55.8
-50°	925.7	791.9	652.5	513.0	384.8	290.0	217.5	156.1	111.5	78.1	55.8
-52.5°	836.5	713.8	591.1	462.9	351.3	273.3	206.3	145.0	106.0	78.1	55.8
-55°	752.8	641.3	529.8	412.7	329.0	256.5	189.6	133.8	106.0	78.1	55.8
-57.5°	669.2	574.4	468.4	373.6	301.1	239.8	178.5	133.8	106.0	78.1	55.8
-60°	602.3	513.0	423.8	345.7	278.8	217.5	161.7	128.3	100.4	78.1	55.8
-62.5°	546.5	462.9	384.8	312.3	256.5	195.2	156.1	128.3	100.4	78.1	50.2
-65°	490.7	418.2	345.7	284.4	228.6	184.0	150.6	122.7	100.4	78.1	50.2
-67.5°	435.0	368.1	312.3	250.9	211.9	178.5	145.0	122.7	94.8	72.5	50.2
-70°	379.2	323.4	273.3	234.2	200.8	167.3	139.4	117.1	94.8	66.9	44.6
-72.5°	334.6	284.4	245.4	217.5	189.6	161.7	133.8	111.5	89.2	61.3	39.0
-75°	284.4	250.9	223.1	195.2	172.9	150.6	128.3	100.4	78.1	55.8	39.0
-77.5°	239.8	217.5	195.2	178.5	156.1	133.8	111.5	89.2	72.5	50.2	33.5
-80°	206.3	189.6	172.9	156.1	139.4	117.1	100.4	78.1	61.3	44.6	27.9
-82.5°	167.3	156.1	139.4	128.3	117.1	100.4	83.6	66.9	44.6	33.5	22.3
-85°	128.3	117.1	111.5	100.4	89.2	72.5	55.8	44.6	33.5	22.3	11.2
-87.5°	66.9	61.3	55.8	50.2	44.6	33.5	27.9	22.3	16.7	11.2	5.6
-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: P722506

CATALOG NUMBER: IFLD-L-SA8A-740-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°	5.6	0.0	0.0	0.0
77.5°	5.6	0.0	0.0	0.0
75°	5.6	5.6	0.0	0.0
72.5°	5.6	5.6	0.0	0.0
70°	5.6	5.6	0.0	0.0
67.5°	11.2	5.6	0.0	0.0
65°	11.2	5.6	0.0	0.0
62.5°	11.2	5.6	0.0	0.0
60°	11.2	5.6	0.0	0.0
57.5°	16.7	5.6	5.6	0.0
55°	16.7	5.6	5.6	0.0
52.5°	16.7	5.6	5.6	0.0
50°	16.7	11.2	5.6	0.0
47.5°	16.7	11.2	5.6	0.0
45°	16.7	11.2	5.6	0.0
42.5°	16.7	11.2	5.6	0.0
40°	22.3	11.2	5.6	0.0
37.5°	22.3	11.2	5.6	0.0
35°	22.3	11.2	5.6	0.0
32.5°	22.3	11.2	5.6	0.0
30°	22.3	11.2	5.6	0.0
27.5°	22.3	16.7	5.6	0.0
25°	22.3	16.7	5.6	0.0
22.5°	27.9	16.7	5.6	0.0
20°	27.9	16.7	5.6	0.0
17.5°	27.9	16.7	5.6	0.0
15°	27.9	16.7	5.6	0.0
12.5°	27.9	16.7	5.6	0.0
10°	27.9	16.7	5.6	0.0
7.5°	27.9	16.7	5.6	0.0
5°	27.9	16.7	5.6	0.0
2.5°	27.9	16.7	5.6	0.0
0°	27.9	16.7	5.6	0.0
-2.5°	27.9	16.7	5.6	0.0
-5°	27.9	16.7	5.6	0.0
-7.5°	27.9	16.7	5.6	0.0
-10°	27.9	16.7	5.6	0.0
-12.5°	33.5	16.7	5.6	0.0
-15°	33.5	16.7	5.6	0.0
-17.5°	33.5	16.7	5.6	0.0
-20°	33.5	16.7	5.6	0.0

REPORT NUMBER: P722506

CATALOG NUMBER: IFLD-L-SA8A-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	33.5	16.7	5.6	0.0
-25°	33.5	16.7	5.6	0.0
-27.5°	33.5	16.7	5.6	0.0
-30°	33.5	16.7	5.6	0.0
-32.5°	33.5	16.7	5.6	0.0
-35°	33.5	16.7	5.6	0.0
-37.5°	33.5	16.7	5.6	0.0
-40°	33.5	16.7	5.6	0.0
-42.5°	27.9	16.7	5.6	0.0
-45°	33.5	16.7	5.6	0.0
-47.5°	33.5	16.7	5.6	0.0
-50°	33.5	16.7	5.6	0.0
-52.5°	33.5	16.7	5.6	0.0
-55°	33.5	16.7	5.6	0.0
-57.5°	33.5	16.7	5.6	0.0
-60°	33.5	16.7	5.6	0.0
-62.5°	27.9	16.7	5.6	0.0
-65°	27.9	11.2	5.6	0.0
-67.5°	27.9	11.2	5.6	0.0
-70°	27.9	11.2	5.6	0.0
-72.5°	22.3	11.2	5.6	0.0
-75°	22.3	11.2	5.6	0.0
-77.5°	16.7	5.6	0.0	0.0
-80°	16.7	5.6	0.0	0.0
-82.5°	11.2	5.6	0.0	0.0
-85°	5.6	5.6	0.0	0.0
-87.5°	5.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)