

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: P722442

Luminaire Tested: **IFLD-M-SA4E-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722442
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	33710.6 lumens	Max Intensity:	23533.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	107.1 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:	21505.9 lumens	Field Lumens:	31781.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

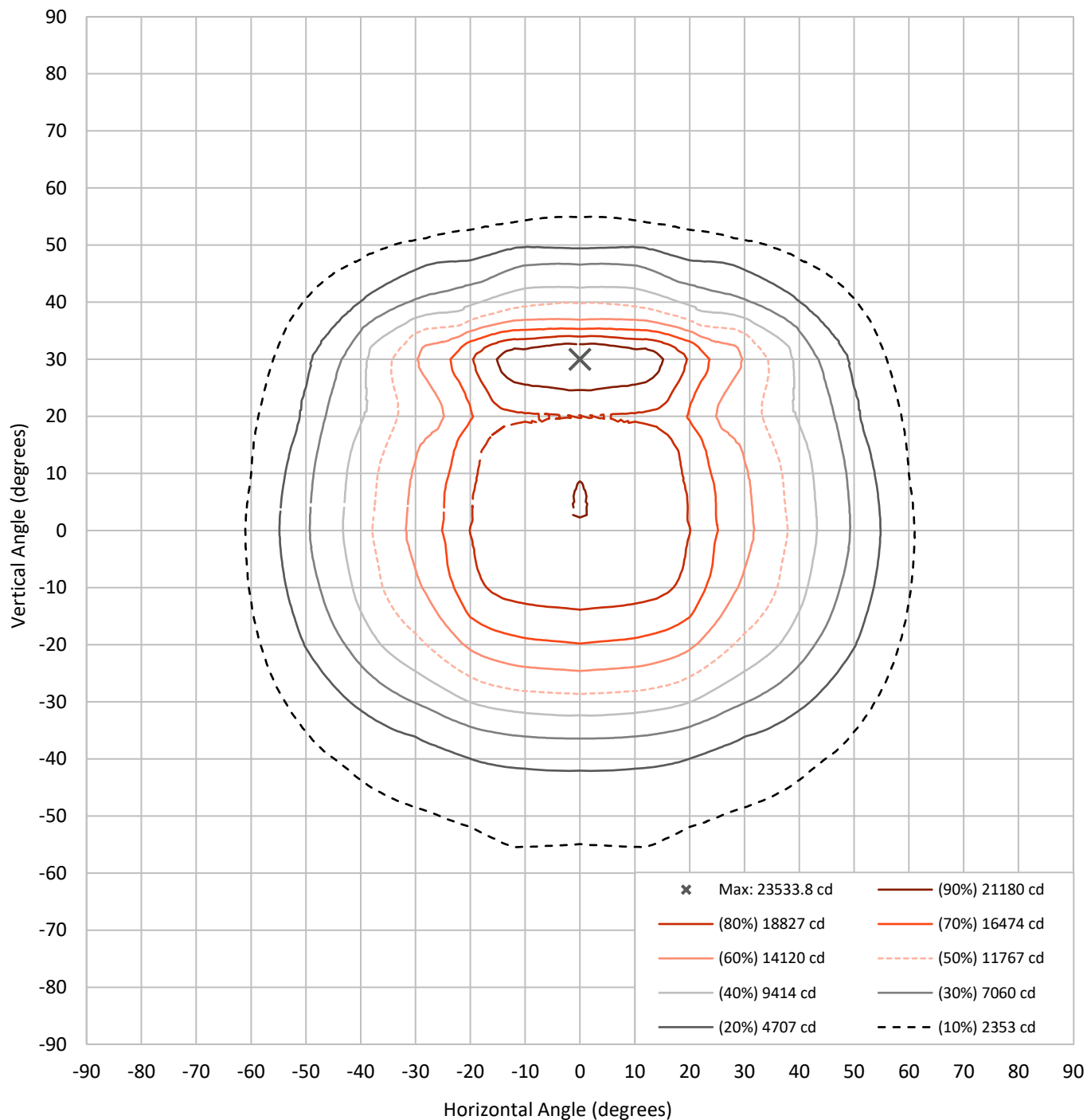
Input Watts (W): 314.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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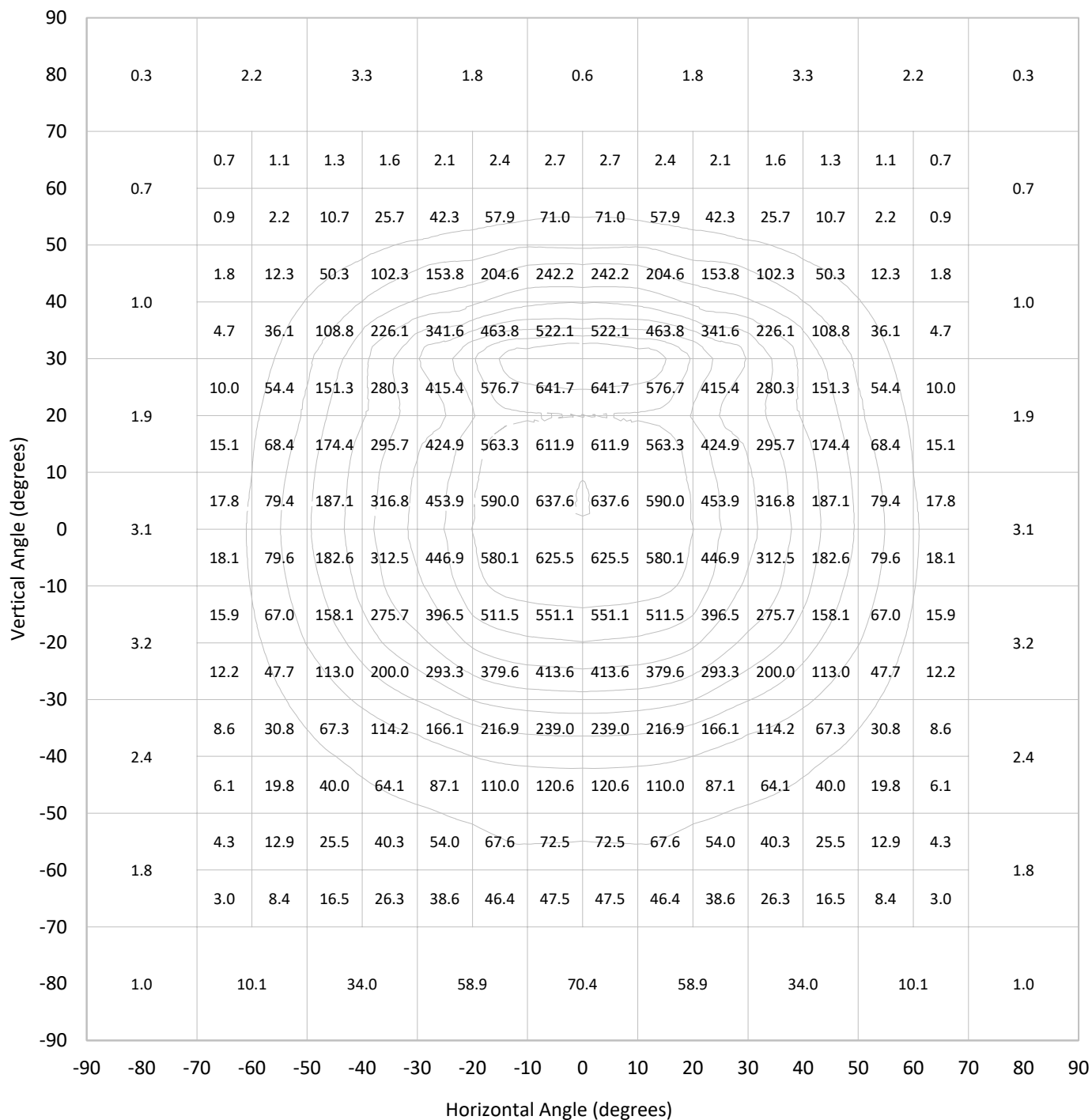
Iso-Candela Plot



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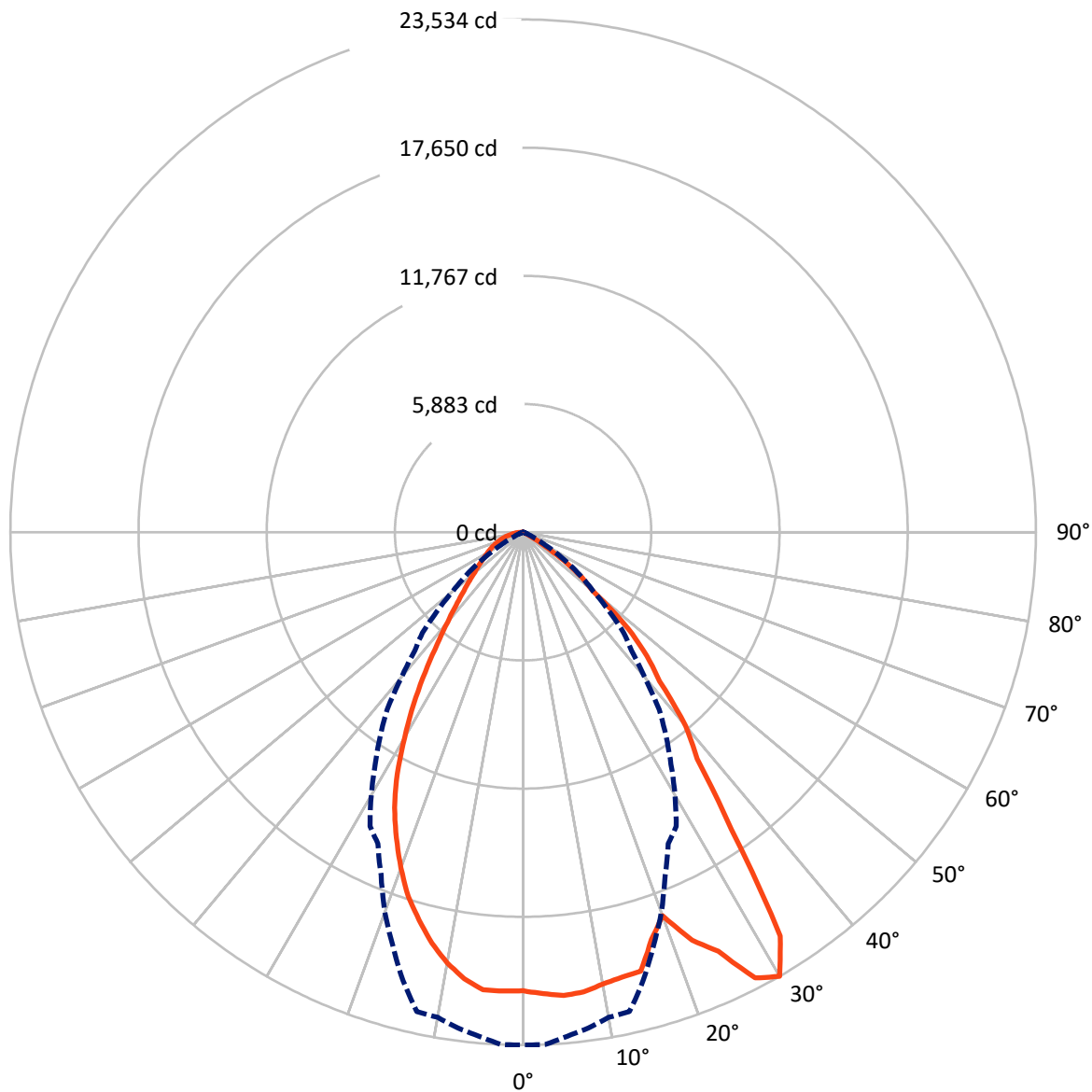
Lumen Table



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Luminous Intensity Polar Plot



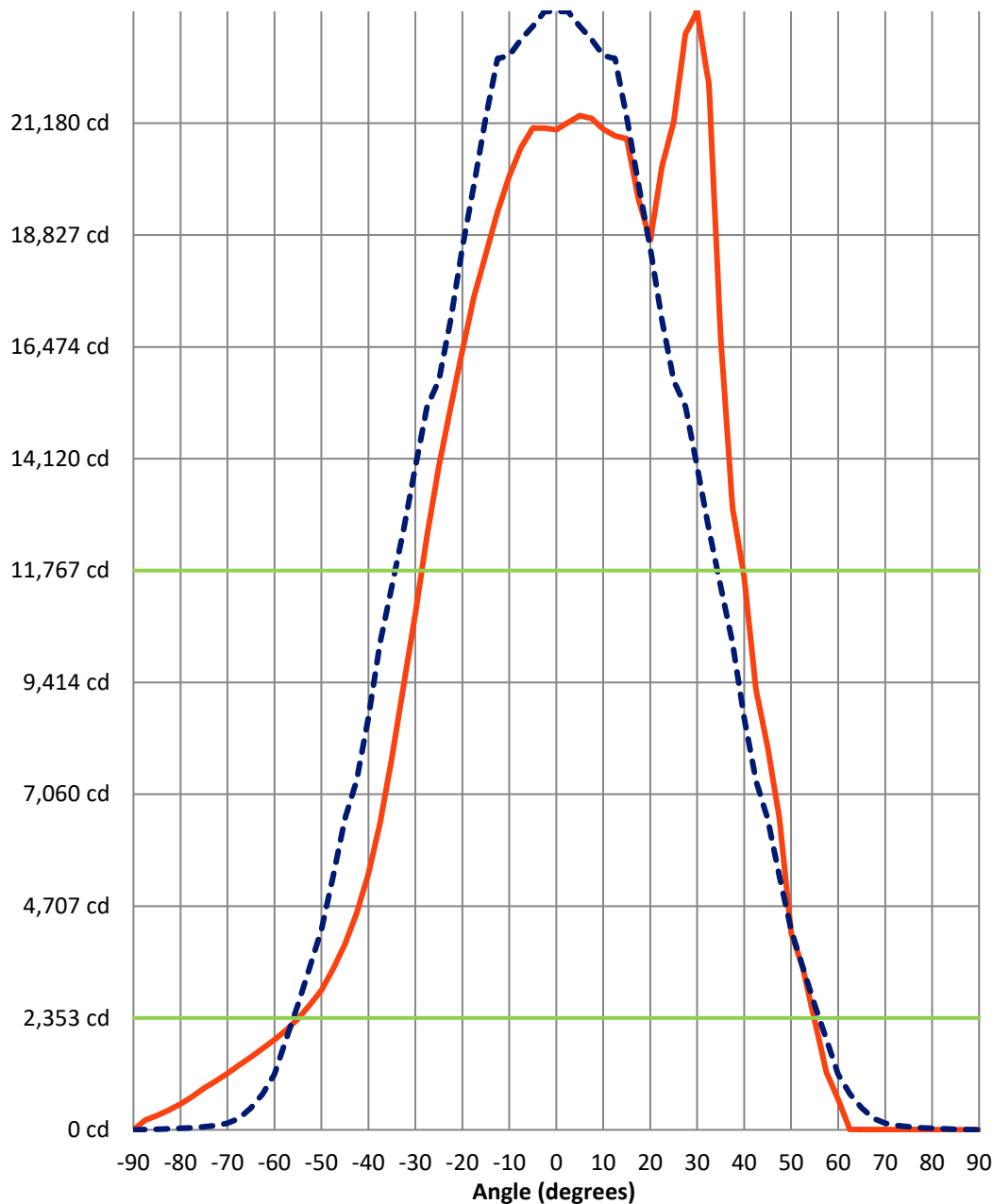
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 21505.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 31781.6

Efficiency: 94.3%

Spill:

Lumens: 1929.1

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	5.4	5.4	5.4	5.4	5.4	5.4	5.4
85°	0.0	5.4	5.4	5.4	10.7	10.7	10.7	10.7	10.7	10.7	16.1
82.5°	0.0	5.4	5.4	5.4	10.7	10.7	10.7	10.7	16.1	16.1	21.5
80°	5.4	5.4	5.4	5.4	10.7	10.7	10.7	16.1	16.1	21.5	21.5
77.5°	5.4	5.4	5.4	10.7	10.7	10.7	16.1	16.1	21.5	21.5	26.8
75°	5.4	5.4	5.4	10.7	10.7	16.1	16.1	16.1	21.5	21.5	26.8
72.5°	0.0	5.4	5.4	10.7	10.7	16.1	16.1	16.1	21.5	21.5	21.5
70°	5.4	5.4	5.4	10.7	10.7	16.1	16.1	16.1	21.5	21.5	21.5
67.5°	5.4	5.4	5.4	10.7	10.7	16.1	16.1	21.5	21.5	21.5	26.8
65°	5.4	5.4	5.4	10.7	16.1	16.1	21.5	26.8	26.8	32.2	37.6
62.5°	5.4	10.7	10.7	16.1	21.5	26.8	59.0	91.2	91.2	64.4	53.7
60°	638.7	692.3	687.0	622.6	542.1	456.2	440.1	424.0	391.8	343.5	359.6
57.5°	1212.9	1277.3	1304.2	1288.1	1245.1	1170.0	1127.0	1078.7	1014.3	939.2	853.3
55°	2297.0	2323.9	2264.8	2152.1	2028.7	1905.2	1862.3	1797.9	1701.3	1604.7	1475.9
52.5°	3397.2	3488.5	3461.6	3348.9	3182.6	2962.5	2721.0	2533.2	2420.5	2313.1	2184.3
50°	4148.6	4186.2	4261.3	4395.5	4443.8	4293.5	3901.7	3397.2	3037.7	3220.1	3080.6
47.5°	6547.6	6735.4	6697.9	6601.3	6440.3	6032.4	5485.0	5034.1	4658.5	4535.0	4556.5
45°	8045.0	8120.1	8093.3	8050.3	7975.2	7594.1	6987.7	6295.4	5946.5	5807.0	5662.1
42.5°	9274.0	9354.5	9370.6	9375.9	9295.4	8946.6	8399.2	7706.8	7358.0	6955.5	6638.8
40°	11619.3	11737.4	11603.2	11426.1	11157.7	10760.6	10223.9	9585.3	8968.1	8474.3	8098.6
37.5°	13116.7	13261.6	13315.2	13304.5	13245.5	13073.7	12413.6	11807.1	10862.6	9757.0	9955.6
35°	16669.5	16819.8	16776.9	16615.9	16530.0	16347.5	15703.5	14984.3	13798.3	12596.1	12274.1
32.5°	21966.6	22294.0	21682.2	21011.3	20598.1	20743.0	20088.2	18327.9	17780.5	15612.3	14608.7
30°	23533.8	23528.4	23217.1	22943.4	22605.3	22535.5	21301.2	19895.0	18553.3	17034.5	15767.9
27.5°	23056.1	22959.5	22696.5	22498.0	22181.3	22014.9	20807.4	19691.1	18140.1	16782.2	15558.6
25°	21215.3	21290.4	21022.1	20984.5	20861.1	20539.1	19938.0	18682.1	17297.5	15794.7	14914.6
22.5°	20265.3	20238.5	19916.5	19728.7	19878.9	19535.4	19293.9	18027.4	16583.7	15317.1	14259.8
20°	18719.7	18725.0	18644.5	18628.4	18537.2	18381.6	18188.4	17292.1	16272.4	15188.3	13916.3
17.5°	19583.7	19803.8	19900.4	19100.7	19326.1	19149.0	18945.1	17694.6	16927.1	15966.5	14308.1
15°	20850.3	20769.8	20673.2	20630.3	20506.9	20340.5	19970.2	18971.9	17651.7	16658.8	15365.4
12.5°	20914.7	20759.1	20721.5	20716.2	20587.4	20356.6	19997.0	19170.5	18000.5	16793.0	15741.1
10°	21054.3	20893.3	20871.8	20898.6	20700.1	20555.2	20195.6	19428.1	18107.9	17023.7	16030.9
7.5°	21279.7	21011.3	21134.8	21054.3	20963.0	20732.3	20345.8	19594.5	18499.6	17329.7	16288.5
5°	21338.7	21043.5	21177.7	21102.6	20968.4	20743.0	20324.4	19701.8	18741.1	17453.1	16390.5
2.5°	21193.8	21107.9	21048.9	20909.4	20850.3	20603.5	20206.3	19540.8	18628.4	17399.4	16369.0
0°	21043.5	21118.7	20984.5	20845.0	20818.1	20619.6	20281.4	19680.4	18891.4	17549.7	16551.5
-2.5°	21075.7	21016.7	20925.5	20780.6	20641.0	20356.6	20050.7	19487.1	18639.2	17222.3	16293.9
-5°	21075.7	20802.0	20812.8	20818.1	20678.6	20383.4	20013.1	19535.4	18488.9	17217.0	16218.7
-7.5°	20667.9	20431.7	20394.1	20361.9	20324.4	20050.7	19760.9	19165.1	18236.7	17077.4	16009.4
-10°	20066.8	19836.0	19857.5	19809.2	19691.1	19508.6	19288.6	18751.9	17989.8	16637.3	15585.4
-12.5°	19315.4	19213.4	19154.4	19073.9	18955.8	18794.8	18569.4	18064.9	17249.2	16095.3	15097.0
-15°	18424.5	18349.4	18295.7	18247.4	18075.7	17909.3	17614.1	17147.2	16637.3	15397.6	14377.9
-17.5°	17533.6	17345.8	17270.6	17206.2	17093.5	16825.2	16556.8	16208.0	15494.2	14512.0	13637.2
-20°	16390.5	16277.8	16186.5	16100.6	15939.6	15730.3	15510.3	15107.8	14490.6	13696.3	12789.3



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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°	15193.6	15129.2	15054.1	14946.8	14839.4	14640.9	14334.9	13948.5	13465.5	12606.8	11758.8
-25°	13959.3	13835.8	13744.6	13642.6	13556.7	13374.3	13079.1	12708.8	12102.3	11361.7	10653.3
-27.5°	12504.8	12386.8	12338.5	12220.4	12145.3	11978.9	11683.7	11340.2	10792.8	10170.2	9451.1
-30°	10862.6	10884.0	10830.4	10717.7	10626.4	10411.7	10186.3	9896.5	9467.2	8871.5	8227.4
-32.5°	9343.7	9370.6	9306.2	9188.1	9070.0	8914.4	8705.1	8442.1	8120.1	7551.2	6993.0
-35°	7824.9	7814.2	7760.5	7690.7	7610.2	7481.4	7245.3	7046.7	6676.4	6279.3	5892.8
-37.5°	6461.7	6488.6	6472.5	6434.9	6343.7	6236.3	6043.1	5860.6	5586.9	5238.1	4937.5
-40°	5383.0	5415.2	5393.7	5356.1	5275.6	5211.2	5082.4	4921.4	4701.4	4400.8	4148.6
-42.5°	4556.5	4577.9	4551.1	4518.9	4449.1	4400.8	4298.9	4164.7	3982.2	3751.5	3526.0
-45°	3901.7	3907.1	3880.3	3858.8	3805.1	3746.1	3660.2	3552.9	3408.0	3247.0	3064.5
-47.5°	3386.5	3381.1	3354.3	3332.8	3289.9	3236.2	3166.5	3069.9	2957.2	2833.7	2688.8
-50°	2935.7	2962.5	2951.8	2930.3	2898.1	2860.5	2790.8	2688.8	2576.1	2484.9	2382.9
-52.5°	2624.4	2629.8	2624.4	2624.4	2619.0	2592.2	2511.7	2409.7	2286.3	2205.8	2119.9
-55°	2334.6	2361.4	2372.2	2382.9	2388.3	2388.3	2291.7	2184.3	2066.2	1985.7	1921.3
-57.5°	2098.5	2114.6	2125.3	2152.1	2173.6	2189.7	2103.8	2007.2	1916.0	1840.8	1781.8
-60°	1894.5	1916.0	1932.1	1958.9	1975.0	1985.7	1932.1	1867.7	1814.0	1765.7	1679.8
-62.5°	1712.0	1728.1	1744.2	1760.3	1776.4	1787.2	1765.7	1733.5	1706.7	1685.2	1577.9
-65°	1529.6	1545.7	1561.8	1583.2	1599.3	1610.1	1604.7	1583.2	1561.8	1540.3	1443.7
-67.5°	1363.2	1379.3	1400.8	1406.1	1416.9	1422.2	1411.5	1395.4	1368.6	1341.7	1266.6
-70°	1186.1	1196.8	1207.5	1207.5	1207.5	1202.2	1191.4	1170.0	1143.1	1105.6	1046.5
-72.5°	1025.1	1035.8	1046.5	1030.4	1019.7	1003.6	987.5	960.7	933.8	907.0	874.8
-75°	874.8	880.2	880.2	858.7	842.6	826.5	805.0	788.9	762.1	740.6	713.8
-77.5°	697.7	697.7	697.7	681.6	670.9	660.1	644.0	627.9	606.5	590.4	568.9
-80°	542.1	542.1	542.1	536.7	520.6	509.9	499.1	488.4	472.3	461.6	450.8
-82.5°	413.2	413.2	413.2	407.9	397.1	391.8	381.0	370.3	364.9	354.2	348.8
-85°	300.5	305.9	305.9	300.5	295.2	284.4	279.1	273.7	268.3	263.0	252.2
-87.5°	203.9	203.9	203.9	198.6	193.2	193.2	187.8	177.1	166.4	161.0	155.6
-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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
85°	16.1	16.1	16.1	21.5	21.5	21.5	21.5	21.5	21.5	21.5	16.1
82.5°	26.8	26.8	32.2	32.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6
80°	26.8	32.2	37.6	42.9	48.3	53.7	53.7	53.7	53.7	48.3	48.3
77.5°	32.2	32.2	37.6	42.9	48.3	53.7	59.0	64.4	59.0	59.0	59.0
75°	32.2	37.6	37.6	42.9	48.3	53.7	59.0	64.4	64.4	64.4	64.4
72.5°	26.8	32.2	37.6	42.9	42.9	48.3	53.7	53.7	59.0	59.0	64.4
70°	26.8	32.2	37.6	37.6	42.9	42.9	48.3	53.7	53.7	59.0	59.0
67.5°	32.2	37.6	37.6	42.9	48.3	48.3	48.3	53.7	53.7	59.0	59.0
65°	37.6	42.9	42.9	48.3	53.7	53.7	59.0	59.0	59.0	64.4	64.4
62.5°	64.4	64.4	64.4	59.0	64.4	64.4	64.4	69.8	69.8	64.4	69.8
60°	332.7	241.5	166.4	209.3	187.8	85.9	85.9	85.9	80.5	80.5	75.1
57.5°	783.6	729.9	627.9	531.3	477.7	424.0	263.0	107.3	107.3	96.6	85.9
55°	1309.5	1132.4	1057.3	928.5	788.9	724.5	601.1	407.9	193.2	128.8	112.7
52.5°	2028.7	1862.3	1669.1	1406.1	1218.3	1068.0	966.0	767.5	515.2	273.7	171.7
50°	2715.6	2640.5	2522.4	2264.8	1873.0	1620.8	1454.4	1229.0	923.1	563.5	322.0
47.5°	4374.0	3746.1	3365.0	3166.5	2839.1	2361.4	2039.4	1787.2	1416.9	949.9	568.9
45°	5506.4	5109.3	4502.8	4084.2	3601.2	3096.7	2678.1	2388.3	1948.2	1422.2	890.9
42.5°	6477.8	6134.3	5586.9	4975.1	4465.2	3805.1	3268.4	2887.4	2517.1	1942.8	1331.0
40°	7728.3	7320.4	6794.5	6198.7	5603.0	4760.4	3891.0	3429.4	3021.6	2511.7	1797.9
37.5°	9789.2	9070.0	8211.3	7551.2	6773.0	6059.2	4867.8	4052.0	3569.0	3037.7	2345.3
35°	12268.7	11479.8	10046.8	9172.0	8130.8	7068.2	5994.8	4787.3	4100.3	3536.8	2849.8
32.5°	14576.4	13422.6	11587.1	10562.0	9869.7	7910.8	6799.8	5753.3	4647.7	3955.4	3139.6
30°	15215.1	13943.2	12628.3	11431.5	10250.7	8667.5	7352.6	6536.9	5334.7	4207.6	3413.3
27.5°	14571.1	13696.3	12676.6	11565.6	10288.3	8930.5	7690.7	6912.5	5839.2	4379.4	3628.0
25°	13916.3	13004.0	12290.2	11361.7	10181.0	8914.4	7701.5	7148.7	6230.9	4712.1	3746.1
22.5°	13224.0	12655.1	12064.7	11028.9	9912.6	8962.7	8050.3	7352.6	6434.9	5087.8	3794.4
20°	13261.6	12891.2	12241.9	10857.2	9864.3	9247.1	8468.9	7610.2	6654.9	5415.2	3832.0
17.5°	13862.7	13379.6	12563.9	11361.7	10299.0	9536.9	8817.8	7964.5	6880.3	5705.0	4288.1
15°	14603.3	13868.0	13014.7	11957.4	10755.2	9853.6	9086.1	8211.3	7138.0	5973.3	4696.0
12.5°	15140.0	14093.4	13293.8	12338.5	11249.0	10197.1	9263.2	8399.2	7379.5	6193.4	5001.9
10°	15322.4	14372.5	13427.9	12574.6	11501.2	10379.5	9397.4	8517.2	7588.8	6365.1	5227.3
7.5°	15419.1	14614.0	13519.2	12681.9	11651.5	10492.3	9504.7	8581.6	7755.1	6483.2	5372.2
5°	15408.3	14742.8	13588.9	12714.1	11732.0	10540.6	9579.9	8597.7	7873.2	6585.2	5458.1
2.5°	15360.0	14828.7	13701.6	12767.8	11893.0	10631.8	9724.8	8629.9	7916.1	6697.9	5517.2
0°	15537.1	14834.1	13819.7	12783.9	12000.3	10664.0	9789.2	8603.1	7857.1	6730.1	5511.8
-2.5°	15156.1	14517.4	13792.9	12644.4	11855.4	10588.9	9671.1	8517.2	7728.3	6692.5	5490.3
-5°	15091.7	14286.6	13567.5	12515.6	11613.9	10433.2	9451.1	8356.2	7524.4	6569.1	5404.4
-7.5°	14919.9	14066.6	13347.4	12413.6	11388.5	10272.2	9241.8	8189.9	7304.3	6375.9	5281.0
-10°	14544.2	13728.5	13111.3	12193.6	11114.8	10041.4	8989.5	7969.8	7046.7	6112.9	5087.8
-12.5°	14007.6	13191.8	12580.0	11726.6	10771.3	9730.2	8689.0	7685.4	6751.5	5833.8	4857.0
-15°	13401.1	12574.6	11962.8	11184.6	10261.5	9247.1	8307.9	7325.8	6413.4	5538.6	4583.3
-17.5°	12714.1	11930.6	11340.2	10583.5	9665.8	8699.7	7765.9	6875.0	6021.6	5232.7	4266.7
-20°	11919.8	11157.7	10615.7	9859.0	9016.4	8077.2	7170.2	6327.6	5560.1	4819.5	3917.8

REPORT NUMBER: P722442

CATALOG NUMBER: IFLD-M-SA4E-730-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°	10937.7	10266.8	9649.7	8973.4	8238.2	7379.5	6536.9	5790.9	5055.6	4331.1	3558.2
-25°	9934.1	9284.7	8683.6	8066.4	7363.4	6622.7	5903.6	5227.3	4508.2	3853.4	3209.4
-27.5°	8817.8	8238.2	7701.5	7132.6	6488.6	5849.9	5259.5	4599.4	3976.9	3418.7	2865.9
-30°	7626.3	7154.1	6687.1	6182.6	5662.1	5125.4	4599.4	3976.9	3488.5	3043.0	2576.1
-32.5°	6483.2	6059.2	5683.5	5307.8	4857.0	4416.9	3950.0	3488.5	3080.6	2688.8	2297.0
-35°	5479.6	5028.8	4819.5	4518.9	4159.3	3762.2	3381.1	3059.1	2731.7	2377.5	2028.7
-37.5°	4610.2	4320.3	4073.5	3848.1	3563.6	3220.1	2946.4	2683.4	2409.7	2087.7	1787.2
-40°	3928.6	3719.2	3472.4	3306.0	3075.2	2828.3	2554.6	2334.6	2103.8	1840.8	1594.0
-42.5°	3381.1	3209.4	3048.4	2871.3	2699.5	2490.2	2254.1	2044.8	1835.5	1642.3	1438.3
-45°	2930.3	2806.9	2678.1	2533.2	2382.9	2200.4	2007.2	1792.5	1642.3	1470.5	1298.8
-47.5°	2560.0	2468.8	2361.4	2248.7	2119.9	1958.9	1781.8	1626.2	1470.5	1325.6	1159.2
-50°	2264.8	2179.0	2093.1	1996.5	1883.8	1744.2	1610.1	1465.2	1320.3	1180.7	1025.1
-52.5°	2017.9	1942.8	1873.0	1792.5	1685.2	1567.1	1443.7	1314.9	1180.7	1041.2	917.7
-55°	1846.2	1760.3	1690.6	1610.1	1513.5	1400.8	1288.1	1170.0	1041.2	933.8	831.9
-57.5°	1706.7	1610.1	1529.6	1443.7	1347.1	1250.5	1148.5	1041.2	944.6	842.6	746.0
-60°	1588.6	1475.9	1384.7	1298.8	1207.5	1116.3	1030.4	939.2	848.0	756.7	660.1
-62.5°	1465.2	1347.1	1234.4	1153.9	1084.1	1003.6	928.5	842.6	762.1	670.9	601.1
-65°	1325.6	1212.9	1105.6	1035.8	971.4	901.6	831.9	756.7	687.0	617.2	552.8
-67.5°	1170.0	1073.4	998.2	933.8	869.4	810.4	746.0	681.6	622.6	552.8	488.4
-70°	982.1	928.5	885.5	837.2	778.2	724.5	665.5	606.5	542.1	483.0	424.0
-72.5°	837.2	805.0	772.8	724.5	670.9	622.6	574.3	520.6	466.9	413.2	364.9
-75°	687.0	660.1	633.3	601.1	558.2	520.6	477.7	429.4	386.4	348.8	311.3
-77.5°	552.8	531.3	515.2	488.4	456.2	424.0	397.1	364.9	332.7	295.2	257.6
-80°	440.1	429.4	424.0	413.2	386.4	359.6	338.1	311.3	279.1	252.2	225.4
-82.5°	343.5	343.5	338.1	332.7	311.3	289.8	273.7	252.2	230.8	209.3	182.5
-85°	252.2	246.9	246.9	241.5	225.4	214.7	198.6	187.8	171.7	150.3	139.5
-87.5°	150.3	144.9	139.5	134.2	123.4	118.1	107.3	102.0	91.2	80.5	75.1
-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: P722442

CATALOG NUMBER: IFLD-M-SA4E-730-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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	0.0	0.0
85°	16.1	10.7	10.7	10.7	10.7	10.7	5.4	5.4	5.4	5.4	5.4
82.5°	32.2	32.2	26.8	26.8	21.5	16.1	10.7	10.7	10.7	5.4	5.4
80°	48.3	48.3	48.3	42.9	37.6	26.8	21.5	16.1	10.7	5.4	5.4
77.5°	59.0	53.7	53.7	48.3	48.3	42.9	32.2	26.8	16.1	10.7	5.4
75°	59.0	59.0	59.0	53.7	53.7	48.3	42.9	32.2	26.8	16.1	10.7
72.5°	64.4	59.0	59.0	59.0	53.7	48.3	42.9	37.6	32.2	21.5	10.7
70°	59.0	59.0	59.0	59.0	53.7	53.7	42.9	37.6	37.6	21.5	16.1
67.5°	59.0	59.0	59.0	53.7	53.7	48.3	42.9	37.6	37.6	26.8	16.1
65°	64.4	59.0	59.0	59.0	53.7	48.3	42.9	37.6	37.6	32.2	21.5
62.5°	69.8	64.4	64.4	59.0	53.7	48.3	42.9	37.6	37.6	32.2	21.5
60°	75.1	69.8	64.4	64.4	59.0	53.7	42.9	42.9	37.6	32.2	21.5
57.5°	80.5	75.1	75.1	69.8	64.4	59.0	48.3	42.9	37.6	32.2	26.8
55°	96.6	85.9	80.5	80.5	75.1	64.4	53.7	42.9	37.6	32.2	26.8
52.5°	128.8	102.0	91.2	91.2	85.9	75.1	59.0	48.3	37.6	32.2	26.8
50°	203.9	128.8	107.3	96.6	96.6	85.9	69.8	53.7	37.6	32.2	26.8
47.5°	322.0	214.7	128.8	112.7	107.3	102.0	80.5	53.7	42.9	32.2	26.8
45°	531.3	316.6	209.3	134.2	112.7	107.3	91.2	59.0	42.9	37.6	26.8
42.5°	729.9	493.8	322.0	161.0	134.2	118.1	96.6	64.4	48.3	37.6	26.8
40°	1148.5	676.2	450.8	263.0	155.6	123.4	107.3	75.1	48.3	37.6	26.8
37.5°	1556.4	896.3	606.5	386.4	177.1	139.5	112.7	80.5	53.7	37.6	32.2
35°	1964.3	1255.9	751.4	515.2	236.1	166.4	118.1	85.9	53.7	37.6	32.2
32.5°	2329.2	1594.0	901.6	644.0	354.2	198.6	128.8	91.2	59.0	42.9	32.2
30°	2629.8	1905.2	1170.0	756.7	461.6	241.5	139.5	91.2	64.4	42.9	32.2
27.5°	2855.2	2146.8	1443.7	874.8	552.8	284.4	161.0	102.0	64.4	42.9	32.2
25°	3037.7	2334.6	1685.2	998.2	633.3	354.2	193.2	107.3	69.8	48.3	32.2
22.5°	3182.6	2490.2	1883.8	1164.6	729.9	424.0	236.1	118.1	69.8	48.3	32.2
20°	3381.1	2645.9	2017.9	1341.7	831.9	488.4	273.7	128.8	69.8	48.3	37.6
17.5°	3552.9	2801.5	2125.3	1492.0	933.8	536.7	316.6	139.5	75.1	48.3	37.6
15°	3751.5	2951.8	2221.9	1610.1	1030.4	579.6	354.2	150.3	75.1	53.7	37.6
12.5°	3966.1	3091.3	2291.7	1706.7	1132.4	617.2	386.4	171.7	80.5	53.7	37.6
10°	4186.2	3209.4	2350.7	1776.4	1207.5	654.8	407.9	193.2	85.9	53.7	37.6
7.5°	4406.2	3316.7	2425.8	1808.6	1239.7	697.7	418.6	214.7	85.9	59.0	37.6
5°	4556.5	3386.5	2533.2	1830.1	1255.9	746.0	434.7	241.5	91.2	59.0	37.6
2.5°	4685.3	3429.4	2645.9	1846.2	1261.2	772.8	429.4	257.6	96.6	59.0	37.6
0°	4744.3	3429.4	2721.0	1835.5	1245.1	799.7	429.4	273.7	96.6	59.0	37.6
-2.5°	4653.1	3526.0	2699.5	1840.8	1250.5	799.7	450.8	279.1	107.3	64.4	37.6
-5°	4508.2	3563.6	2635.1	1814.0	1239.7	799.7	477.7	284.4	112.7	64.4	42.9
-7.5°	4368.6	3579.7	2560.0	1787.2	1223.6	778.2	483.0	279.1	123.4	69.8	42.9
-10°	4186.2	3402.6	2463.4	1738.9	1191.4	762.1	493.8	279.1	128.8	69.8	42.9
-12.5°	3976.9	3187.9	2345.3	1669.1	1153.9	746.0	499.1	279.1	134.2	75.1	42.9
-15°	3735.3	2967.9	2211.2	1594.0	1100.2	724.5	488.4	273.7	139.5	75.1	48.3
-17.5°	3461.6	2753.2	2071.6	1502.7	1041.2	697.7	466.9	268.3	139.5	75.1	48.3
-20°	3150.4	2538.5	1916.0	1411.5	971.4	665.5	445.5	257.6	139.5	75.1	48.3

REPORT NUMBER: P722442

CATALOG NUMBER: IFLD-M-SA4E-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2871.3	2340.0	1755.0	1309.5	896.3	627.9	418.6	246.9	139.5	80.5	48.3
-25°	2640.5	2146.8	1631.5	1207.5	815.8	585.0	391.8	236.1	139.5	80.5	48.3
-27.5°	2399.0	1937.4	1502.7	1110.9	762.1	547.4	364.9	225.4	134.2	80.5	48.3
-30°	2152.1	1733.5	1368.6	1003.6	708.4	509.9	343.5	209.3	134.2	80.5	48.3
-32.5°	1926.7	1567.1	1245.1	896.3	649.4	472.3	322.0	203.9	128.8	80.5	48.3
-35°	1706.7	1416.9	1116.3	810.4	585.0	434.7	300.5	198.6	128.8	80.5	48.3
-37.5°	1524.2	1277.3	998.2	751.4	547.4	402.5	279.1	187.8	123.4	80.5	48.3
-40°	1373.9	1148.5	885.5	687.0	515.2	370.3	257.6	182.5	123.4	80.5	48.3
-42.5°	1234.4	1025.1	815.8	633.3	483.0	348.8	241.5	177.1	118.1	80.5	48.3
-45°	1110.9	917.7	746.0	585.0	445.5	322.0	230.8	166.4	112.7	80.5	53.7
-47.5°	987.5	842.6	681.6	542.1	407.9	289.8	220.0	161.0	107.3	75.1	53.7
-50°	890.9	762.1	627.9	493.8	370.3	279.1	209.3	150.3	107.3	75.1	53.7
-52.5°	805.0	687.0	568.9	445.5	338.1	263.0	198.6	139.5	102.0	75.1	53.7
-55°	724.5	617.2	509.9	397.1	316.6	246.9	182.5	128.8	102.0	75.1	53.7
-57.5°	644.0	552.8	450.8	359.6	289.8	230.8	171.7	128.8	102.0	75.1	53.7
-60°	579.6	493.8	407.9	332.7	268.3	209.3	155.6	123.4	96.6	75.1	53.7
-62.5°	526.0	445.5	370.3	300.5	246.9	187.8	150.3	123.4	96.6	75.1	48.3
-65°	472.3	402.5	332.7	273.7	220.0	177.1	144.9	118.1	96.6	75.1	48.3
-67.5°	418.6	354.2	300.5	241.5	203.9	171.7	139.5	118.1	91.2	69.8	48.3
-70°	364.9	311.3	263.0	225.4	193.2	161.0	134.2	112.7	91.2	64.4	42.9
-72.5°	322.0	273.7	236.1	209.3	182.5	155.6	128.8	107.3	85.9	59.0	37.6
-75°	273.7	241.5	214.7	187.8	166.4	144.9	123.4	96.6	75.1	53.7	37.6
-77.5°	230.8	209.3	187.8	171.7	150.3	128.8	107.3	85.9	69.8	48.3	32.2
-80°	198.6	182.5	166.4	150.3	134.2	112.7	96.6	75.1	59.0	42.9	26.8
-82.5°	161.0	150.3	134.2	123.4	112.7	96.6	80.5	64.4	42.9	32.2	21.5
-85°	123.4	112.7	107.3	96.6	85.9	69.8	53.7	42.9	32.2	21.5	10.7
-87.5°	64.4	59.0	53.7	48.3	42.9	32.2	26.8	21.5	16.1	10.7	5.4
-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: P722442

CATALOG NUMBER: IFLD-M-SA4E-730-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°	5.4	0.0	0.0	0.0
77.5°	5.4	0.0	0.0	0.0
75°	5.4	5.4	0.0	0.0
72.5°	5.4	5.4	0.0	0.0
70°	5.4	5.4	0.0	0.0
67.5°	10.7	5.4	0.0	0.0
65°	10.7	5.4	0.0	0.0
62.5°	10.7	5.4	0.0	0.0
60°	10.7	5.4	0.0	0.0
57.5°	16.1	5.4	5.4	0.0
55°	16.1	5.4	5.4	0.0
52.5°	16.1	5.4	5.4	0.0
50°	16.1	10.7	5.4	0.0
47.5°	16.1	10.7	5.4	0.0
45°	16.1	10.7	5.4	0.0
42.5°	16.1	10.7	5.4	0.0
40°	21.5	10.7	5.4	0.0
37.5°	21.5	10.7	5.4	0.0
35°	21.5	10.7	5.4	0.0
32.5°	21.5	10.7	5.4	0.0
30°	21.5	10.7	5.4	0.0
27.5°	21.5	16.1	5.4	0.0
25°	21.5	16.1	5.4	0.0
22.5°	26.8	16.1	5.4	0.0
20°	26.8	16.1	5.4	0.0
17.5°	26.8	16.1	5.4	0.0
15°	26.8	16.1	5.4	0.0
12.5°	26.8	16.1	5.4	0.0
10°	26.8	16.1	5.4	0.0
7.5°	26.8	16.1	5.4	0.0
5°	26.8	16.1	5.4	0.0
2.5°	26.8	16.1	5.4	0.0
0°	26.8	16.1	5.4	0.0
-2.5°	26.8	16.1	5.4	0.0
-5°	26.8	16.1	5.4	0.0
-7.5°	26.8	16.1	5.4	0.0
-10°	26.8	16.1	5.4	0.0
-12.5°	32.2	16.1	5.4	0.0
-15°	32.2	16.1	5.4	0.0
-17.5°	32.2	16.1	5.4	0.0
-20°	32.2	16.1	5.4	0.0



REPORT NUMBER: P722442

CATALOG NUMBER: IFLD-M-SA4E-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	32.2	16.1	5.4	0.0
-25°	32.2	16.1	5.4	0.0
-27.5°	32.2	16.1	5.4	0.0
-30°	32.2	16.1	5.4	0.0
-32.5°	32.2	16.1	5.4	0.0
-35°	32.2	16.1	5.4	0.0
-37.5°	32.2	16.1	5.4	0.0
-40°	32.2	16.1	5.4	0.0
-42.5°	26.8	16.1	5.4	0.0
-45°	32.2	16.1	5.4	0.0
-47.5°	32.2	16.1	5.4	0.0
-50°	32.2	16.1	5.4	0.0
-52.5°	32.2	16.1	5.4	0.0
-55°	32.2	16.1	5.4	0.0
-57.5°	32.2	16.1	5.4	0.0
-60°	32.2	16.1	5.4	0.0
-62.5°	26.8	16.1	5.4	0.0
-65°	26.8	10.7	5.4	0.0
-67.5°	26.8	10.7	5.4	0.0
-70°	26.8	10.7	5.4	0.0
-72.5°	21.5	10.7	5.4	0.0
-75°	21.5	10.7	5.4	0.0
-77.5°	16.1	5.4	0.0	0.0
-80°	16.1	5.4	0.0	0.0
-82.5°	10.7	5.4	0.0	0.0
-85°	5.4	5.4	0.0	0.0
-87.5°	5.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)