

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: P722437

Luminaire Tested: **IFLD-S-SA6E-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722437
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	49268.1 lumens	Max Intensity:	34394.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	106.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	31430.9 lumens	Field Lumens:	46448.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

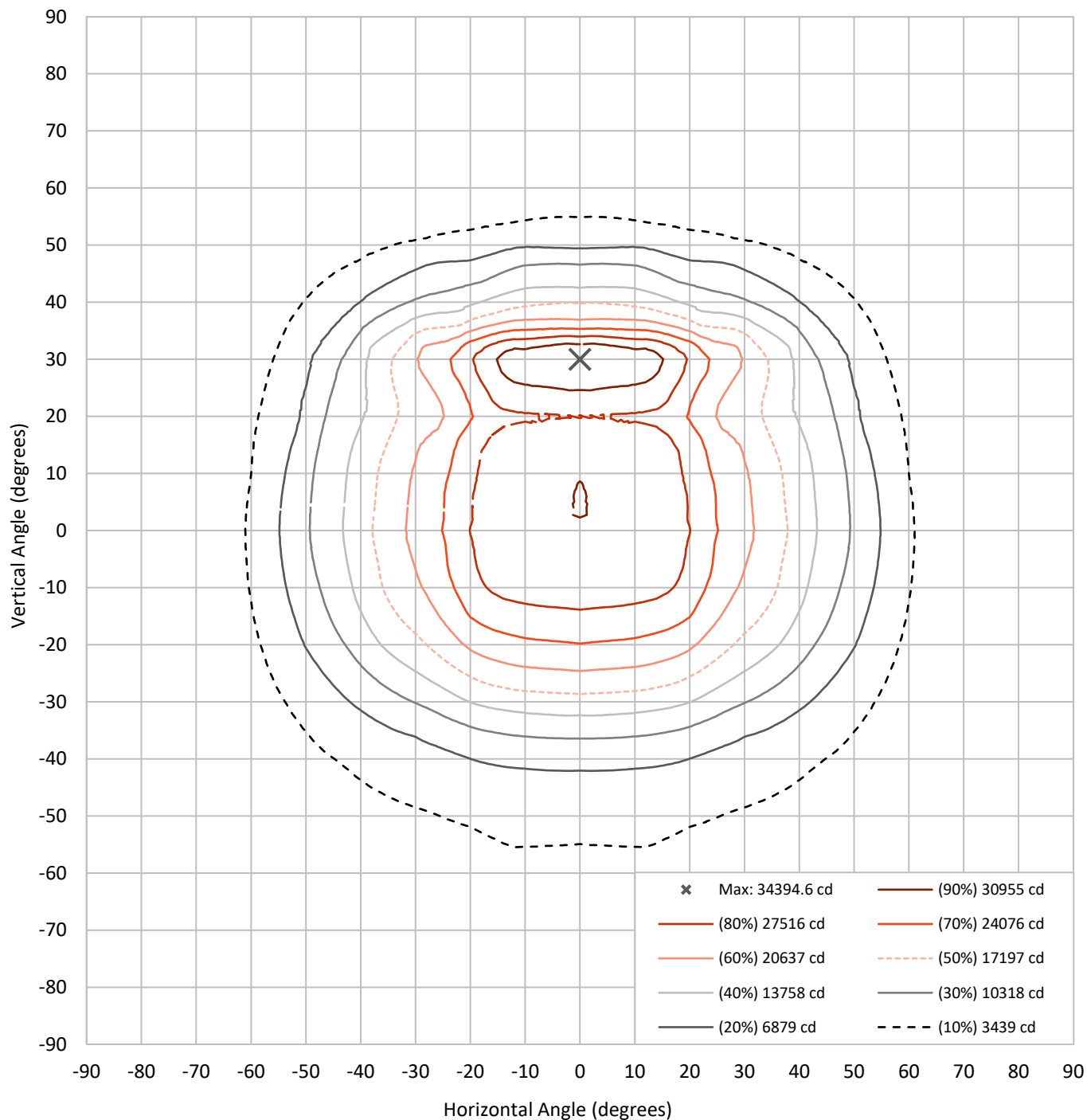
Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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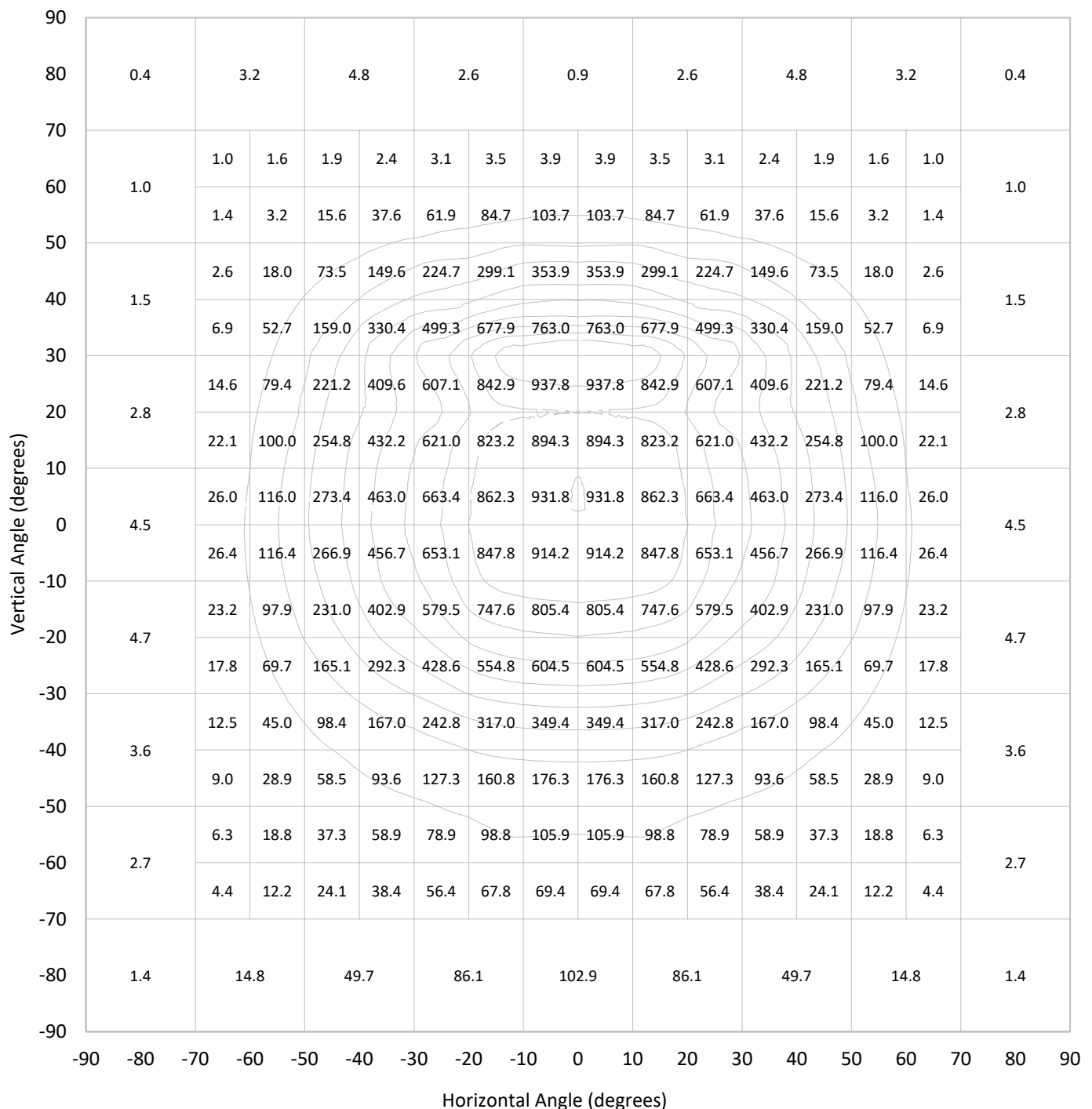
Iso-Candela Plot



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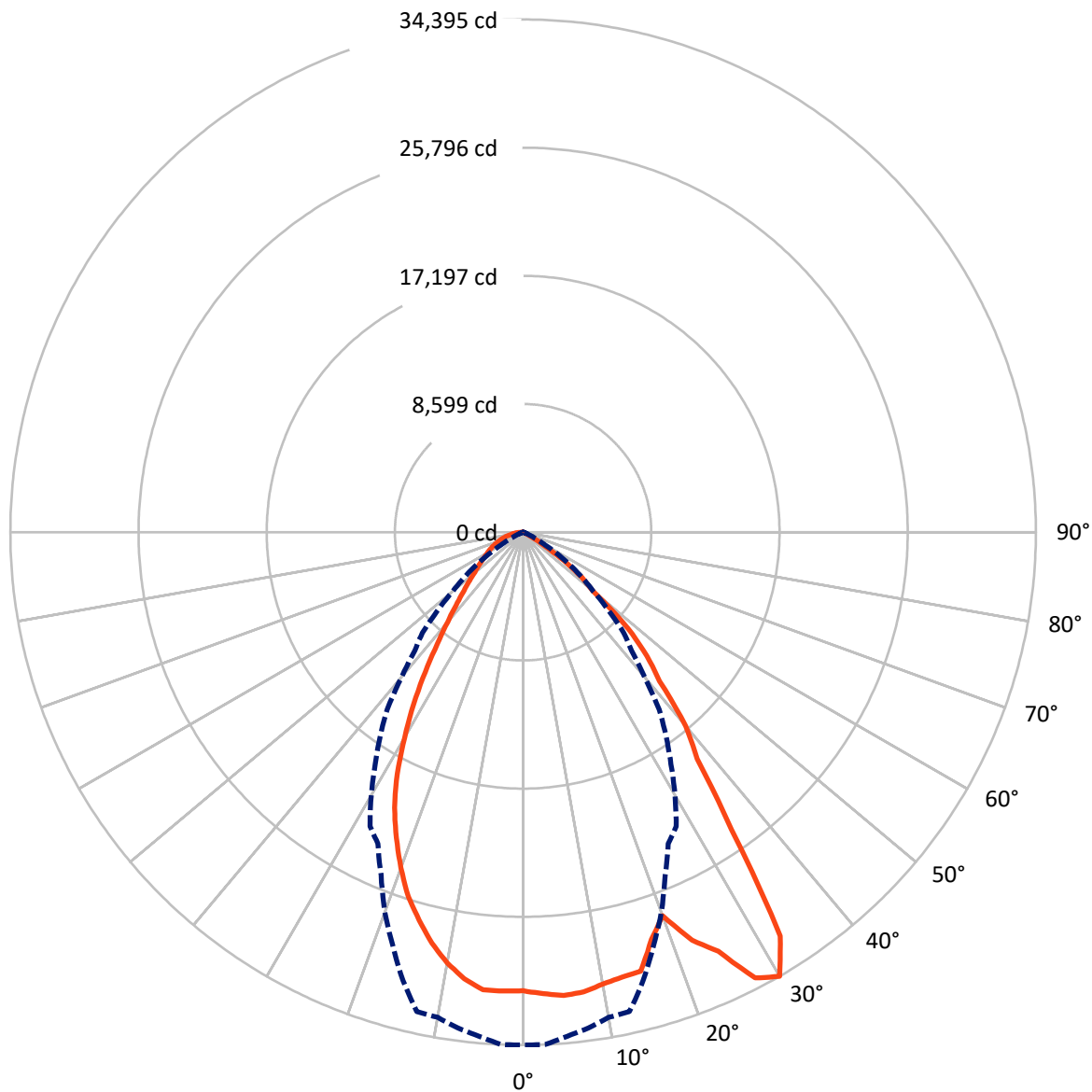
Lumen Table



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Luminous Intensity Polar Plot



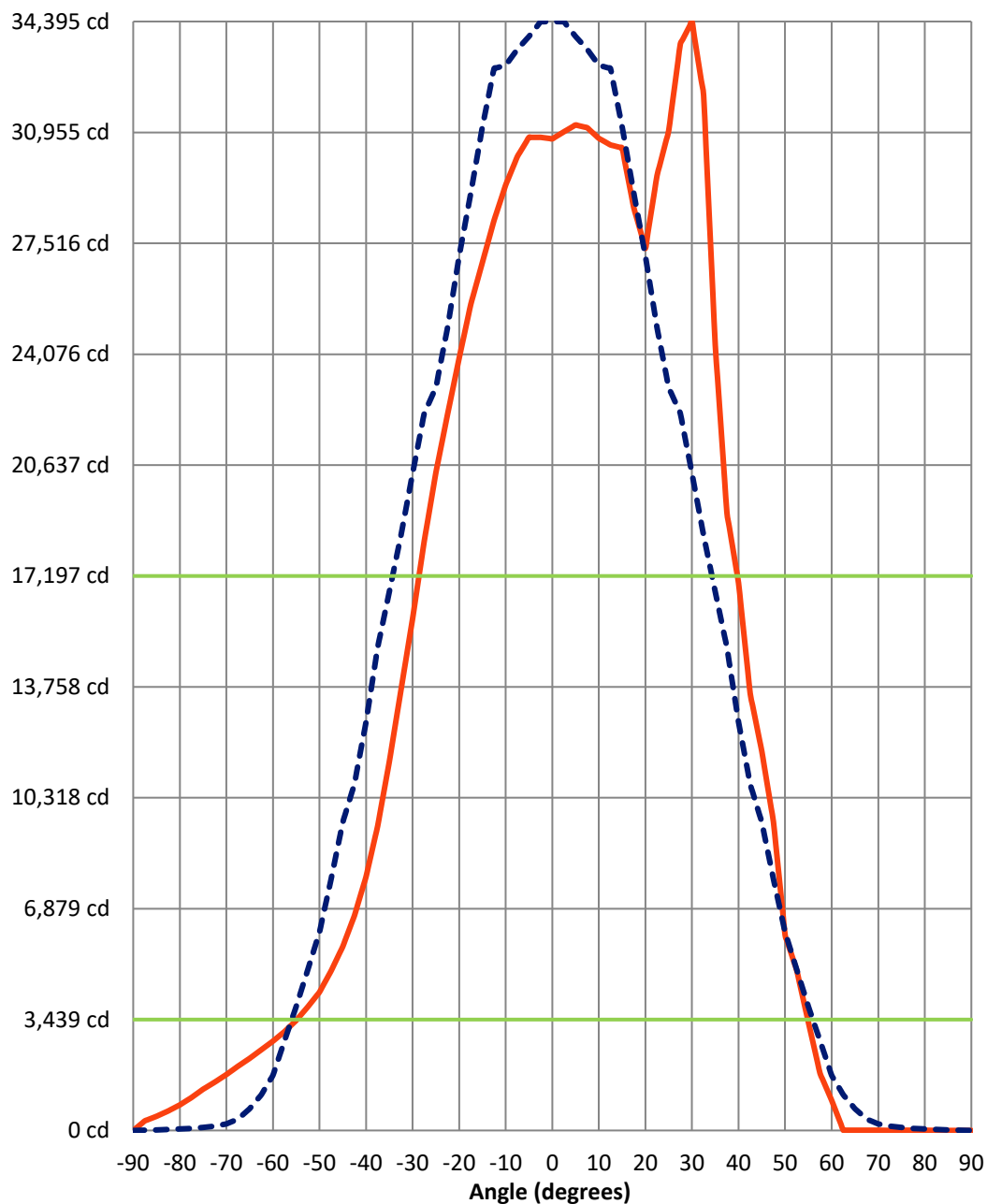
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 31430.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 46448.7

Efficiency: 94.3%

Spill:

Lumens: 2819.3

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	7.8	7.8	7.8	7.8	7.8	7.8	7.8
85°	0.0	7.8	7.8	7.8	15.7	15.7	15.7	15.7	15.7	15.7	23.5
82.5°	0.0	7.8	7.8	7.8	15.7	15.7	15.7	15.7	23.5	23.5	31.4
80°	7.8	7.8	7.8	7.8	15.7	15.7	15.7	23.5	23.5	31.4	31.4
77.5°	7.8	7.8	7.8	15.7	15.7	15.7	23.5	23.5	31.4	31.4	39.2
75°	7.8	7.8	7.8	15.7	15.7	23.5	23.5	23.5	31.4	31.4	39.2
72.5°	0.0	7.8	7.8	15.7	15.7	23.5	23.5	23.5	31.4	31.4	31.4
70°	7.8	7.8	7.8	15.7	15.7	23.5	23.5	23.5	31.4	31.4	31.4
67.5°	7.8	7.8	7.8	15.7	15.7	23.5	23.5	31.4	31.4	31.4	39.2
65°	7.8	7.8	7.8	15.7	23.5	23.5	31.4	39.2	39.2	47.1	54.9
62.5°	7.8	15.7	15.7	23.5	31.4	39.2	86.3	133.3	133.3	94.1	78.4
60°	933.4	1011.8	1004.0	909.9	792.2	666.7	643.2	619.7	572.6	502.0	525.5
57.5°	1772.7	1866.8	1906.0	1882.5	1819.7	1709.9	1647.2	1576.6	1482.5	1372.6	1247.1
55°	3357.1	3396.3	3310.0	3145.3	2964.9	2784.5	2721.8	2627.6	2486.5	2345.3	2157.0
52.5°	4965.1	5098.4	5059.2	4894.5	4651.3	4329.7	3976.8	3702.2	3537.5	3380.6	3192.4
50°	6063.2	6118.1	6227.9	6424.0	6494.6	6275.0	5702.4	4965.1	4439.5	4706.2	4502.3
47.5°	9569.3	9843.8	9788.9	9647.7	9412.4	8816.3	8016.3	7357.4	6808.3	6627.9	6659.3
45°	11757.7	11867.5	11828.3	11765.5	11655.7	11098.8	10212.5	9200.7	8690.8	8486.9	8275.1
42.5°	13553.9	13671.6	13695.1	13702.9	13585.3	13075.4	12275.4	11263.5	10753.7	10165.4	9702.6
40°	16981.6	17154.2	16958.1	16699.2	16307.0	15726.6	14942.2	14008.8	13106.8	12385.2	11836.1
37.5°	19170.0	19381.8	19460.2	19444.5	19358.2	19107.2	18142.5	17256.1	15875.6	14259.8	14550.0
35°	24362.5	24582.1	24519.4	24284.1	24158.6	23891.9	22950.6	21899.6	20166.1	18409.1	17938.5
32.5°	32104.2	32582.7	31688.5	30708.1	30104.1	30315.9	29358.9	26786.2	25986.2	22817.3	21350.5
30°	34394.6	34386.7	33931.8	33531.8	33037.6	32935.7	31131.6	29076.6	27115.6	24895.9	23044.8
27.5°	33696.5	33555.3	33171.0	32880.8	32418.0	32174.8	30410.0	28778.5	26511.7	24527.2	22738.9
25°	31006.1	31115.9	30723.7	30668.8	30488.4	30017.8	29139.3	27303.9	25280.2	23084.0	21797.6
22.5°	29617.8	29578.6	29107.9	28833.4	29053.0	28551.0	28198.1	26347.0	24237.0	22385.9	20840.7
20°	27358.8	27366.6	27249.0	27225.5	27092.1	26864.6	26582.3	25272.4	23782.1	22197.6	20338.7
17.5°	28621.6	28943.2	29084.4	27915.7	28245.1	27986.3	27688.2	25860.7	24739.0	23335.0	20911.3
15°	30472.7	30355.1	30213.9	30151.2	29970.7	29727.6	29186.4	27727.5	25797.9	24346.8	22456.5
12.5°	30566.9	30339.4	30284.5	30276.7	30088.4	29751.1	29225.6	28017.7	26307.7	24542.9	23005.5
10°	30770.8	30535.5	30504.1	30543.3	30253.1	30041.3	29515.8	28394.2	26464.6	24880.2	23429.1
7.5°	31100.2	30708.1	30888.5	30770.8	30637.5	30300.2	29735.4	28637.3	27037.2	25327.3	23805.6
5°	31186.5	30755.1	30951.2	30841.4	30645.3	30315.9	29704.1	28794.2	27390.2	25507.7	23954.6
2.5°	30974.7	30849.2	30763.0	30559.0	30472.7	30111.9	29531.5	28558.9	27225.5	25429.2	23923.3
0°	30755.1	30864.9	30668.8	30464.9	30425.7	30135.5	29641.3	28762.8	27609.8	25648.9	24189.9
-2.5°	30802.2	30715.9	30582.6	30370.8	30166.8	29751.1	29304.0	28480.4	27241.1	25170.4	23813.4
-5°	30802.2	30402.2	30417.8	30425.7	30221.7	29790.3	29249.1	28551.0	27021.5	25162.6	23703.6
-7.5°	30206.1	29860.9	29806.0	29759.0	29704.1	29304.0	28880.5	28009.8	26652.9	24958.6	23397.7
-10°	29327.6	28990.3	29021.7	28951.1	28778.5	28511.8	28190.2	27405.9	26292.1	24315.4	22778.1
-12.5°	28229.4	28080.4	27994.1	27876.5	27703.9	27468.6	27139.2	26401.9	25209.6	23523.2	22064.3
-15°	26927.4	26817.6	26739.1	26668.6	26417.6	26174.4	25743.0	25060.6	24315.4	22503.6	21013.3
-17.5°	25625.3	25350.8	25241.0	25146.9	24982.2	24590.0	24197.8	23687.9	22644.7	21209.3	19930.8
-20°	23954.6	23789.9	23656.6	23531.1	23295.8	22989.9	22668.3	22080.0	21178.0	20017.1	18691.5

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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°	22205.5	22111.4	22001.6	21844.7	21687.8	21397.6	20950.5	20385.8	19679.8	18424.8	17185.5
-25°	20401.4	20221.0	20087.7	19938.7	19813.2	19546.5	19115.1	18573.9	17687.5	16605.1	15569.7
-27.5°	18275.8	18103.2	18032.6	17860.1	17750.3	17507.1	17075.7	16573.7	15773.7	14863.8	13812.7
-30°	15875.6	15907.0	15828.6	15663.9	15530.5	15216.8	14887.3	14463.8	13836.3	12965.6	12024.4
-32.5°	13655.9	13695.1	13601.0	13428.4	13255.8	13028.4	12722.5	12338.1	11867.5	11036.1	10220.3
-35°	11436.1	11420.4	11342.0	11240.0	11122.4	10934.1	10589.0	10298.8	9757.6	9177.1	8612.4
-37.5°	9443.8	9483.0	9459.5	9404.6	9271.2	9114.4	8832.0	8565.3	8165.3	7655.4	7216.2
-40°	7867.2	7914.3	7882.9	7828.0	7710.3	7616.2	7428.0	7192.7	6871.1	6431.8	6063.2
-42.5°	6659.3	6690.7	6651.5	6604.4	6502.4	6431.8	6282.8	6086.7	5820.0	5482.7	5153.3
-45°	5702.4	5710.2	5671.0	5639.6	5561.2	5474.9	5349.4	5192.5	4980.7	4745.4	4478.7
-47.5°	4949.4	4941.5	4902.3	4870.9	4808.2	4729.7	4627.8	4486.6	4321.9	4141.5	3929.7
-50°	4290.5	4329.7	4314.0	4282.7	4235.6	4180.7	4078.7	3929.7	3765.0	3631.6	3482.6
-52.5°	3835.6	3843.4	3835.6	3835.6	3827.7	3788.5	3670.8	3521.8	3341.4	3223.8	3098.3
-55°	3412.0	3451.2	3466.9	3482.6	3490.4	3490.4	3349.3	3192.4	3019.8	2902.2	2808.0
-57.5°	3066.9	3090.4	3106.1	3145.3	3176.7	3200.2	3074.7	2933.5	2800.2	2690.4	2604.1
-60°	2768.8	2800.2	2823.7	2862.9	2886.5	2902.2	2823.7	2729.6	2651.2	2580.6	2455.1
-62.5°	2502.1	2525.7	2549.2	2572.7	2596.3	2611.9	2580.6	2533.5	2494.3	2462.9	2306.0
-65°	2235.5	2259.0	2282.5	2313.9	2337.4	2353.1	2345.3	2313.9	2282.5	2251.1	2110.0
-67.5°	1992.3	2015.8	2047.2	2055.0	2070.7	2078.6	2062.9	2039.4	2000.1	1960.9	1851.1
-70°	1733.5	1749.1	1764.8	1764.8	1764.8	1757.0	1741.3	1709.9	1670.7	1615.8	1529.5
-72.5°	1498.1	1513.8	1529.5	1506.0	1490.3	1466.8	1443.2	1404.0	1364.8	1325.6	1278.5
-75°	1278.5	1286.4	1286.4	1255.0	1231.5	1207.9	1176.6	1153.0	1113.8	1082.4	1043.2
-77.5°	1019.7	1019.7	1019.7	996.1	980.5	964.8	941.2	917.7	886.3	862.8	831.4
-80°	792.2	792.2	792.2	784.4	760.8	745.2	729.5	713.8	690.2	674.6	658.9
-82.5°	604.0	604.0	604.0	596.1	580.4	572.6	556.9	541.2	533.4	517.7	509.8
-85°	439.2	447.1	447.1	439.2	431.4	415.7	407.9	400.0	392.2	384.3	368.7
-87.5°	298.1	298.1	298.1	290.2	282.4	282.4	274.5	258.8	243.2	235.3	227.5
-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°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
85°	23.5	23.5	23.5	31.4	31.4	31.4	31.4	31.4	31.4	31.4	23.5
82.5°	39.2	39.2	47.1	47.1	54.9	54.9	54.9	54.9	54.9	54.9	54.9
80°	39.2	47.1	54.9	62.7	70.6	78.4	78.4	78.4	78.4	70.6	70.6
77.5°	47.1	47.1	54.9	62.7	70.6	78.4	86.3	94.1	86.3	86.3	86.3
75°	47.1	54.9	54.9	62.7	70.6	78.4	86.3	94.1	94.1	94.1	94.1
72.5°	39.2	47.1	54.9	62.7	62.7	70.6	78.4	78.4	86.3	86.3	94.1
70°	39.2	47.1	54.9	54.9	62.7	62.7	70.6	78.4	78.4	86.3	86.3
67.5°	47.1	54.9	54.9	62.7	70.6	70.6	70.6	78.4	78.4	86.3	86.3
65°	54.9	62.7	62.7	70.6	78.4	78.4	86.3	86.3	86.3	94.1	94.1
62.5°	94.1	94.1	94.1	86.3	94.1	94.1	94.1	102.0	102.0	94.1	102.0
60°	486.3	353.0	243.2	305.9	274.5	125.5	125.5	125.5	117.7	117.7	109.8
57.5°	1145.2	1066.7	917.7	776.5	698.1	619.7	384.3	156.9	156.9	141.2	125.5
55°	1913.9	1655.0	1545.2	1357.0	1153.0	1058.9	878.5	596.1	282.4	188.2	164.7
52.5°	2964.9	2721.8	2439.4	2055.0	1780.5	1560.9	1411.9	1121.6	753.0	400.0	251.0
50°	3968.9	3859.1	3686.5	3310.0	2737.4	2368.8	2125.6	1796.2	1349.1	823.6	470.6
47.5°	6392.6	5474.9	4918.0	4627.8	4149.3	3451.2	2980.6	2611.9	2070.7	1388.3	831.4
45°	8047.6	7467.2	6580.9	5969.0	5263.1	4525.8	3914.0	3490.4	2847.3	2078.6	1302.1
42.5°	9467.3	8965.3	8165.3	7271.1	6526.0	5561.2	4776.8	4219.9	3678.7	2839.4	1945.2
40°	11294.9	10698.8	9930.1	9059.5	8188.8	6957.4	5686.7	5012.1	4416.0	3670.8	2627.6
37.5°	14306.9	13255.8	12000.8	11036.1	9898.7	8855.5	7114.2	5922.0	5216.1	4439.5	3427.7
35°	17930.7	16777.7	14683.4	13404.9	11883.2	10330.1	8761.4	6996.6	5992.6	5169.0	4165.0
32.5°	21303.5	19617.1	16934.5	15436.4	14424.5	11561.6	9938.0	8408.4	6792.6	5780.8	4588.6
30°	22236.9	20377.9	18456.2	16707.1	14981.5	12667.6	10745.9	9553.6	7796.6	6149.5	4988.6
27.5°	21295.6	20017.1	18526.8	16903.2	15036.4	13051.9	11240.0	10102.7	8533.9	6400.5	5302.3
25°	20338.7	19005.3	17962.1	16605.1	14879.5	13028.4	11255.7	10447.8	9106.5	6886.8	5474.9
22.5°	19326.9	18495.4	17632.6	16118.8	14487.3	13099.0	11765.5	10745.9	9404.6	7435.8	5545.5
20°	19381.8	18840.5	17891.5	15867.8	14416.7	13514.7	12377.3	11122.4	9726.2	7914.3	5600.4
17.5°	20260.3	19554.3	18362.1	16605.1	15052.0	13938.2	12887.2	11640.0	10055.6	8337.8	6267.1
15°	21342.7	20268.1	19021.0	17475.7	15718.8	14401.0	13279.4	12000.8	10432.1	8730.0	6863.2
12.5°	22127.1	20597.5	19428.8	18032.6	16440.4	14903.0	13538.2	12275.4	10785.1	9051.6	7310.3
10°	22393.7	21005.4	19624.9	18377.8	16809.0	15169.7	13734.3	12447.9	11091.0	9302.6	7639.8
7.5°	22534.9	21358.4	19758.3	18534.6	17028.7	15334.4	13891.2	12542.1	11334.1	9475.2	7851.5
5°	22519.2	21546.6	19860.2	18581.7	17146.3	15405.0	14001.0	12565.6	11506.7	9624.2	7977.0
2.5°	22448.6	21672.1	20024.9	18660.1	17381.6	15538.4	14212.8	12612.7	11569.4	9788.9	8063.3
0°	22707.5	21680.0	20197.5	18683.7	17538.5	15585.4	14306.9	12573.4	11483.2	9836.0	8055.5
-2.5°	22150.6	21217.2	20158.3	18479.7	17326.7	15475.6	14134.3	12447.9	11294.9	9781.1	8024.1
-5°	22056.5	20879.9	19828.9	18291.5	16973.7	15248.1	13812.7	12212.6	10996.9	9600.7	7898.6
-7.5°	21805.5	20558.3	19507.3	18142.5	16644.3	15012.8	13506.8	11969.5	10675.3	9318.3	7718.2
-10°	21256.4	20064.2	19162.1	17820.9	16244.3	14675.5	13138.2	11647.9	10298.8	8934.0	7435.8
-12.5°	20472.0	19279.8	18385.6	17138.5	15742.3	14220.6	12698.9	11232.2	9867.4	8526.1	7098.5
-15°	19585.7	18377.8	17483.6	16346.3	14997.1	13514.7	12142.0	10706.6	9373.2	8094.7	6698.5
-17.5°	18581.7	17436.5	16573.7	15467.8	14126.5	12714.6	11349.8	10047.8	8800.6	7647.6	6235.7
-20°	17420.8	16307.0	15514.8	14408.9	13177.4	11804.8	10479.2	9247.7	8126.1	7043.6	5725.9

REPORT NUMBER: P722437

CATALOG NUMBER: IFLD-S-SA6E-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°	15985.4	15005.0	14103.0	13114.7	12040.1	10785.1	9553.6	8463.3	7388.8	6329.9	5200.4
-25°	14518.7	13569.6	12691.1	11789.1	10761.5	9679.1	8628.1	7639.8	6588.7	5631.8	4690.5
-27.5°	12887.2	12040.1	11255.7	10424.3	9483.0	8549.6	7686.8	6722.0	5812.2	4996.4	4188.5
-30°	11145.9	10455.6	9773.2	9035.9	8275.1	7490.7	6722.0	5812.2	5098.4	4447.4	3765.0
-32.5°	9475.2	8855.5	8306.5	7757.4	7098.5	6455.4	5773.0	5098.4	4502.3	3929.7	3357.1
-35°	8008.4	7349.5	7043.6	6604.4	6078.9	5498.4	4941.5	4470.9	3992.4	3474.8	2964.9
-37.5°	6737.7	6314.2	5953.4	5623.9	5208.2	4706.2	4306.2	3921.8	3521.8	3051.2	2611.9
-40°	5741.6	5435.7	5074.9	4831.7	4494.4	4133.6	3733.6	3412.0	3074.7	2690.4	2329.6
-42.5°	4941.5	4690.5	4455.2	4196.4	3945.4	3639.5	3294.4	2988.4	2682.5	2400.2	2102.1
-45°	4282.7	4102.3	3914.0	3702.2	3482.6	3215.9	2933.5	2619.8	2400.2	2149.2	1898.2
-47.5°	3741.4	3608.1	3451.2	3286.5	3098.3	2862.9	2604.1	2376.6	2149.2	1937.4	1694.2
-50°	3310.0	3184.5	3059.0	2917.9	2753.1	2549.2	2353.1	2141.3	1929.5	1725.6	1498.1
-52.5°	2949.2	2839.4	2737.4	2619.8	2462.9	2290.4	2110.0	1921.7	1725.6	1521.7	1341.3
-55°	2698.2	2572.7	2470.8	2353.1	2211.9	2047.2	1882.5	1709.9	1521.7	1364.8	1215.8
-57.5°	2494.3	2353.1	2235.5	2110.0	1968.8	1827.6	1678.6	1521.7	1380.5	1231.5	1090.3
-60°	2321.7	2157.0	2023.7	1898.2	1764.8	1631.5	1506.0	1372.6	1239.3	1106.0	964.8
-62.5°	2141.3	1968.8	1804.0	1686.4	1584.4	1466.8	1357.0	1231.5	1113.8	980.5	878.5
-65°	1937.4	1772.7	1615.8	1513.8	1419.7	1317.7	1215.8	1106.0	1004.0	902.0	807.9
-67.5°	1709.9	1568.7	1458.9	1364.8	1270.7	1184.4	1090.3	996.1	909.9	807.9	713.8
-70°	1435.4	1357.0	1294.2	1223.6	1137.3	1058.9	972.6	886.3	792.2	705.9	619.7
-72.5°	1223.6	1176.6	1129.5	1058.9	980.5	909.9	839.3	760.8	682.4	604.0	533.4
-75°	1004.0	964.8	925.6	878.5	815.7	760.8	698.1	627.5	564.7	509.8	454.9
-77.5°	807.9	776.5	753.0	713.8	666.7	619.7	580.4	533.4	486.3	431.4	376.5
-80°	643.2	627.5	619.7	604.0	564.7	525.5	494.2	454.9	407.9	368.7	329.4
-82.5°	502.0	502.0	494.2	486.3	454.9	423.6	400.0	368.7	337.3	305.9	266.7
-85°	368.7	360.8	360.8	353.0	329.4	313.7	290.2	274.5	251.0	219.6	203.9
-87.5°	219.6	211.8	203.9	196.1	180.4	172.6	156.9	149.0	133.3	117.7	109.8
-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: P722437

CATALOG NUMBER: IFLD-S-SA6E-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°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	0.0	0.0
85°	23.5	15.7	15.7	15.7	15.7	15.7	7.8	7.8	7.8	7.8	7.8
82.5°	47.1	47.1	39.2	39.2	31.4	23.5	15.7	15.7	15.7	7.8	7.8
80°	70.6	70.6	70.6	62.7	54.9	39.2	31.4	23.5	15.7	7.8	7.8
77.5°	86.3	78.4	78.4	70.6	70.6	62.7	47.1	39.2	23.5	15.7	7.8
75°	86.3	86.3	86.3	78.4	78.4	70.6	62.7	47.1	39.2	23.5	15.7
72.5°	94.1	86.3	86.3	86.3	78.4	70.6	62.7	54.9	47.1	31.4	15.7
70°	86.3	86.3	86.3	86.3	78.4	78.4	62.7	54.9	54.9	31.4	23.5
67.5°	86.3	86.3	86.3	78.4	78.4	70.6	62.7	54.9	54.9	39.2	23.5
65°	94.1	86.3	86.3	86.3	78.4	70.6	62.7	54.9	54.9	47.1	31.4
62.5°	102.0	94.1	94.1	86.3	78.4	70.6	62.7	54.9	54.9	47.1	31.4
60°	109.8	102.0	94.1	94.1	86.3	78.4	62.7	62.7	54.9	47.1	31.4
57.5°	117.7	109.8	109.8	102.0	94.1	86.3	70.6	62.7	54.9	47.1	39.2
55°	141.2	125.5	117.7	117.7	109.8	94.1	78.4	62.7	54.9	47.1	39.2
52.5°	188.2	149.0	133.3	133.3	125.5	109.8	86.3	70.6	54.9	47.1	39.2
50°	298.1	188.2	156.9	141.2	141.2	125.5	102.0	78.4	54.9	47.1	39.2
47.5°	470.6	313.7	188.2	164.7	156.9	149.0	117.7	78.4	62.7	47.1	39.2
45°	776.5	462.8	305.9	196.1	164.7	156.9	133.3	86.3	62.7	54.9	39.2
42.5°	1066.7	721.6	470.6	235.3	196.1	172.6	141.2	94.1	70.6	54.9	39.2
40°	1678.6	988.3	658.9	384.3	227.5	180.4	156.9	109.8	70.6	54.9	39.2
37.5°	2274.7	1309.9	886.3	564.7	258.8	203.9	164.7	117.7	78.4	54.9	47.1
35°	2870.8	1835.4	1098.1	753.0	345.1	243.2	172.6	125.5	78.4	54.9	47.1
32.5°	3404.2	2329.6	1317.7	941.2	517.7	290.2	188.2	133.3	86.3	62.7	47.1
30°	3843.4	2784.5	1709.9	1106.0	674.6	353.0	203.9	133.3	94.1	62.7	47.1
27.5°	4172.8	3137.5	2110.0	1278.5	807.9	415.7	235.3	149.0	94.1	62.7	47.1
25°	4439.5	3412.0	2462.9	1458.9	925.6	517.7	282.4	156.9	102.0	70.6	47.1
22.5°	4651.3	3639.5	2753.1	1702.1	1066.7	619.7	345.1	172.6	102.0	70.6	47.1
20°	4941.5	3866.9	2949.2	1960.9	1215.8	713.8	400.0	188.2	102.0	70.6	54.9
17.5°	5192.5	4094.4	3106.1	2180.5	1364.8	784.4	462.8	203.9	109.8	70.6	54.9
15°	5482.7	4314.0	3247.3	2353.1	1506.0	847.1	517.7	219.6	109.8	78.4	54.9
12.5°	5796.5	4518.0	3349.3	2494.3	1655.0	902.0	564.7	251.0	117.7	78.4	54.9
10°	6118.1	4690.5	3435.5	2596.3	1764.8	956.9	596.1	282.4	125.5	78.4	54.9
7.5°	6439.7	4847.4	3545.3	2643.3	1811.9	1019.7	611.8	313.7	125.5	86.3	54.9
5°	6659.3	4949.4	3702.2	2674.7	1835.4	1090.3	635.3	353.0	133.3	86.3	54.9
2.5°	6847.5	5012.1	3866.9	2698.2	1843.3	1129.5	627.5	376.5	141.2	86.3	54.9
0°	6933.8	5012.1	3976.8	2682.5	1819.7	1168.7	627.5	400.0	141.2	86.3	54.9
-2.5°	6800.5	5153.3	3945.4	2690.4	1827.6	1168.7	658.9	407.9	156.9	94.1	54.9
-5°	6588.7	5208.2	3851.3	2651.2	1811.9	1168.7	698.1	415.7	164.7	94.1	62.7
-7.5°	6384.8	5231.7	3741.4	2611.9	1788.4	1137.3	705.9	407.9	180.4	102.0	62.7
-10°	6118.1	4972.9	3600.3	2541.4	1741.3	1113.8	721.6	407.9	188.2	102.0	62.7
-12.5°	5812.2	4659.2	3427.7	2439.4	1686.4	1090.3	729.5	407.9	196.1	109.8	62.7
-15°	5459.2	4337.6	3231.6	2329.6	1608.0	1058.9	713.8	400.0	203.9	109.8	70.6
-17.5°	5059.2	4023.8	3027.7	2196.2	1521.7	1019.7	682.4	392.2	203.9	109.8	70.6
-20°	4604.2	3710.1	2800.2	2062.9	1419.7	972.6	651.0	376.5	203.9	109.8	70.6

REPORT NUMBER: P722437

CATALOG NUMBER: IFLD-S-SA6E-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°	4196.4	3419.8	2564.9	1913.9	1309.9	917.7	611.8	360.8	203.9	117.7	70.6
-25°	3859.1	3137.5	2384.5	1764.8	1192.2	855.0	572.6	345.1	203.9	117.7	70.6
-27.5°	3506.1	2831.6	2196.2	1623.6	1113.8	800.1	533.4	329.4	196.1	117.7	70.6
-30°	3145.3	2533.5	2000.1	1466.8	1035.4	745.2	502.0	305.9	196.1	117.7	70.6
-32.5°	2815.9	2290.4	1819.7	1309.9	949.1	690.2	470.6	298.1	188.2	117.7	70.6
-35°	2494.3	2070.7	1631.5	1184.4	855.0	635.3	439.2	290.2	188.2	117.7	70.6
-37.5°	2227.6	1866.8	1458.9	1098.1	800.1	588.3	407.9	274.5	180.4	117.7	70.6
-40°	2008.0	1678.6	1294.2	1004.0	753.0	541.2	376.5	266.7	180.4	117.7	70.6
-42.5°	1804.0	1498.1	1192.2	925.6	705.9	509.8	353.0	258.8	172.6	117.7	70.6
-45°	1623.6	1341.3	1090.3	855.0	651.0	470.6	337.3	243.2	164.7	117.7	78.4
-47.5°	1443.2	1231.5	996.1	792.2	596.1	423.6	321.6	235.3	156.9	109.8	78.4
-50°	1302.1	1113.8	917.7	721.6	541.2	407.9	305.9	219.6	156.9	109.8	78.4
-52.5°	1176.6	1004.0	831.4	651.0	494.2	384.3	290.2	203.9	149.0	109.8	78.4
-55°	1058.9	902.0	745.2	580.4	462.8	360.8	266.7	188.2	149.0	109.8	78.4
-57.5°	941.2	807.9	658.9	525.5	423.6	337.3	251.0	188.2	149.0	109.8	78.4
-60°	847.1	721.6	596.1	486.3	392.2	305.9	227.5	180.4	141.2	109.8	78.4
-62.5°	768.7	651.0	541.2	439.2	360.8	274.5	219.6	180.4	141.2	109.8	70.6
-65°	690.2	588.3	486.3	400.0	321.6	258.8	211.8	172.6	141.2	109.8	70.6
-67.5°	611.8	517.7	439.2	353.0	298.1	251.0	203.9	172.6	133.3	102.0	70.6
-70°	533.4	454.9	384.3	329.4	282.4	235.3	196.1	164.7	133.3	94.1	62.7
-72.5°	470.6	400.0	345.1	305.9	266.7	227.5	188.2	156.9	125.5	86.3	54.9
-75°	400.0	353.0	313.7	274.5	243.2	211.8	180.4	141.2	109.8	78.4	54.9
-77.5°	337.3	305.9	274.5	251.0	219.6	188.2	156.9	125.5	102.0	70.6	47.1
-80°	290.2	266.7	243.2	219.6	196.1	164.7	141.2	109.8	86.3	62.7	39.2
-82.5°	235.3	219.6	196.1	180.4	164.7	141.2	117.7	94.1	62.7	47.1	31.4
-85°	180.4	164.7	156.9	141.2	125.5	102.0	78.4	62.7	47.1	31.4	15.7
-87.5°	94.1	86.3	78.4	70.6	62.7	47.1	39.2	31.4	23.5	15.7	7.8
-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: P722437

CATALOG NUMBER: IFLD-S-SA6E-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°	7.8	0.0	0.0	0.0
77.5°	7.8	0.0	0.0	0.0
75°	7.8	7.8	0.0	0.0
72.5°	7.8	7.8	0.0	0.0
70°	7.8	7.8	0.0	0.0
67.5°	15.7	7.8	0.0	0.0
65°	15.7	7.8	0.0	0.0
62.5°	15.7	7.8	0.0	0.0
60°	15.7	7.8	0.0	0.0
57.5°	23.5	7.8	7.8	0.0
55°	23.5	7.8	7.8	0.0
52.5°	23.5	7.8	7.8	0.0
50°	23.5	15.7	7.8	0.0
47.5°	23.5	15.7	7.8	0.0
45°	23.5	15.7	7.8	0.0
42.5°	23.5	15.7	7.8	0.0
40°	31.4	15.7	7.8	0.0
37.5°	31.4	15.7	7.8	0.0
35°	31.4	15.7	7.8	0.0
32.5°	31.4	15.7	7.8	0.0
30°	31.4	15.7	7.8	0.0
27.5°	31.4	23.5	7.8	0.0
25°	31.4	23.5	7.8	0.0
22.5°	39.2	23.5	7.8	0.0
20°	39.2	23.5	7.8	0.0
17.5°	39.2	23.5	7.8	0.0
15°	39.2	23.5	7.8	0.0
12.5°	39.2	23.5	7.8	0.0
10°	39.2	23.5	7.8	0.0
7.5°	39.2	23.5	7.8	0.0
5°	39.2	23.5	7.8	0.0
2.5°	39.2	23.5	7.8	0.0
0°	39.2	23.5	7.8	0.0
-2.5°	39.2	23.5	7.8	0.0
-5°	39.2	23.5	7.8	0.0
-7.5°	39.2	23.5	7.8	0.0
-10°	39.2	23.5	7.8	0.0
-12.5°	47.1	23.5	7.8	0.0
-15°	47.1	23.5	7.8	0.0
-17.5°	47.1	23.5	7.8	0.0
-20°	47.1	23.5	7.8	0.0



REPORT NUMBER: P722437

CATALOG NUMBER: IFLD-S-SA6E-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	47.1	23.5	7.8	0.0
-25°	47.1	23.5	7.8	0.0
-27.5°	47.1	23.5	7.8	0.0
-30°	47.1	23.5	7.8	0.0
-32.5°	47.1	23.5	7.8	0.0
-35°	47.1	23.5	7.8	0.0
-37.5°	47.1	23.5	7.8	0.0
-40°	47.1	23.5	7.8	0.0
-42.5°	39.2	23.5	7.8	0.0
-45°	47.1	23.5	7.8	0.0
-47.5°	47.1	23.5	7.8	0.0
-50°	47.1	23.5	7.8	0.0
-52.5°	47.1	23.5	7.8	0.0
-55°	47.1	23.5	7.8	0.0
-57.5°	47.1	23.5	7.8	0.0
-60°	47.1	23.5	7.8	0.0
-62.5°	39.2	23.5	7.8	0.0
-65°	39.2	15.7	7.8	0.0
-67.5°	39.2	15.7	7.8	0.0
-70°	39.2	15.7	7.8	0.0
-72.5°	31.4	15.7	7.8	0.0
-75°	31.4	15.7	7.8	0.0
-77.5°	23.5	7.8	0.0	0.0
-80°	23.5	7.8	0.0	0.0
-82.5°	15.7	7.8	0.0	0.0
-85°	7.8	7.8	0.0	0.0
-87.5°	7.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)