

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: P722590

Luminaire Tested: **IFLD-L-SA7C-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722590
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	33321.8 lumens	Max Intensity:	23262.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	90.3 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:	21257.8 lumens	Field Lumens:	31415 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

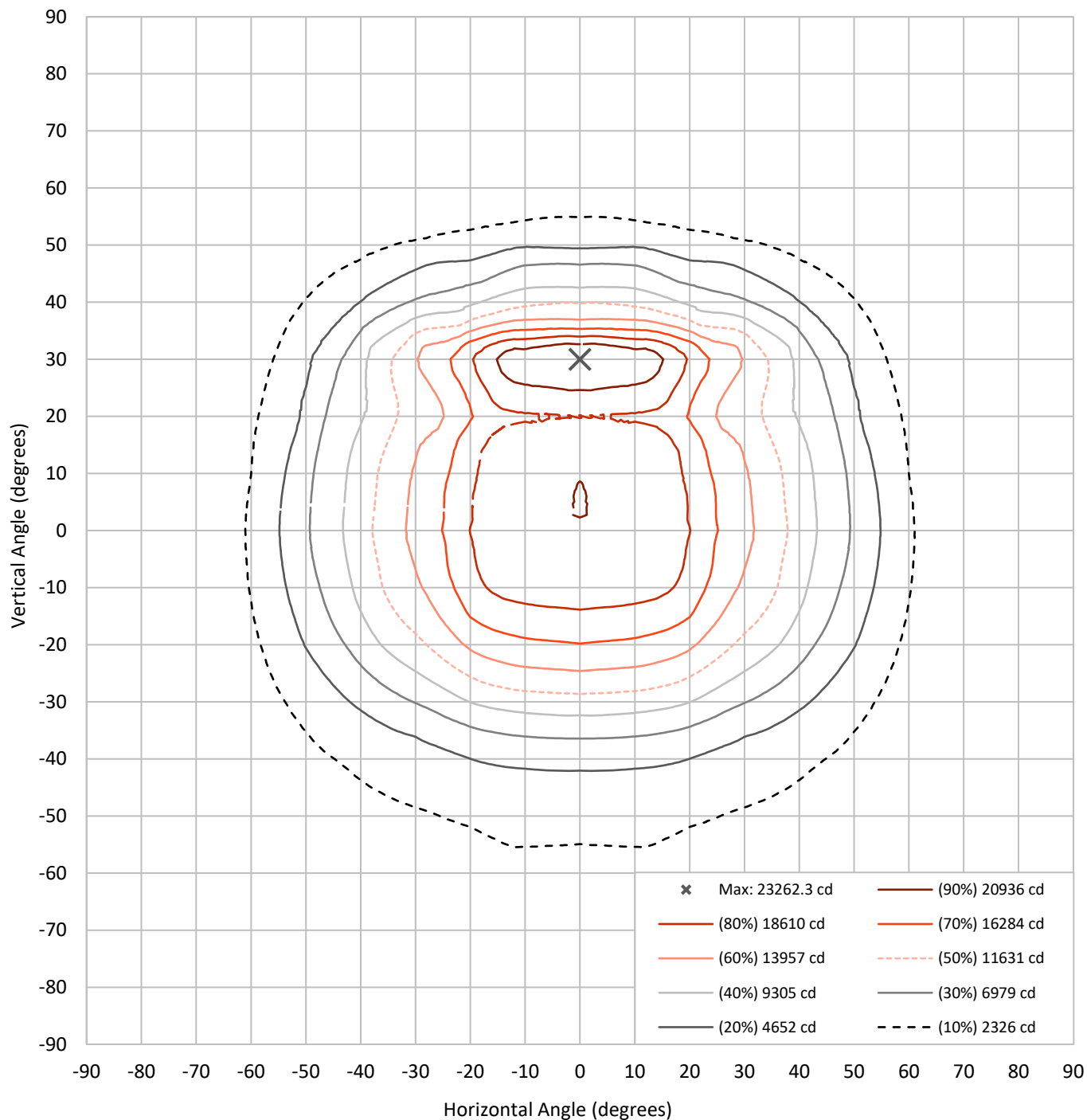
Input Watts (W): 369
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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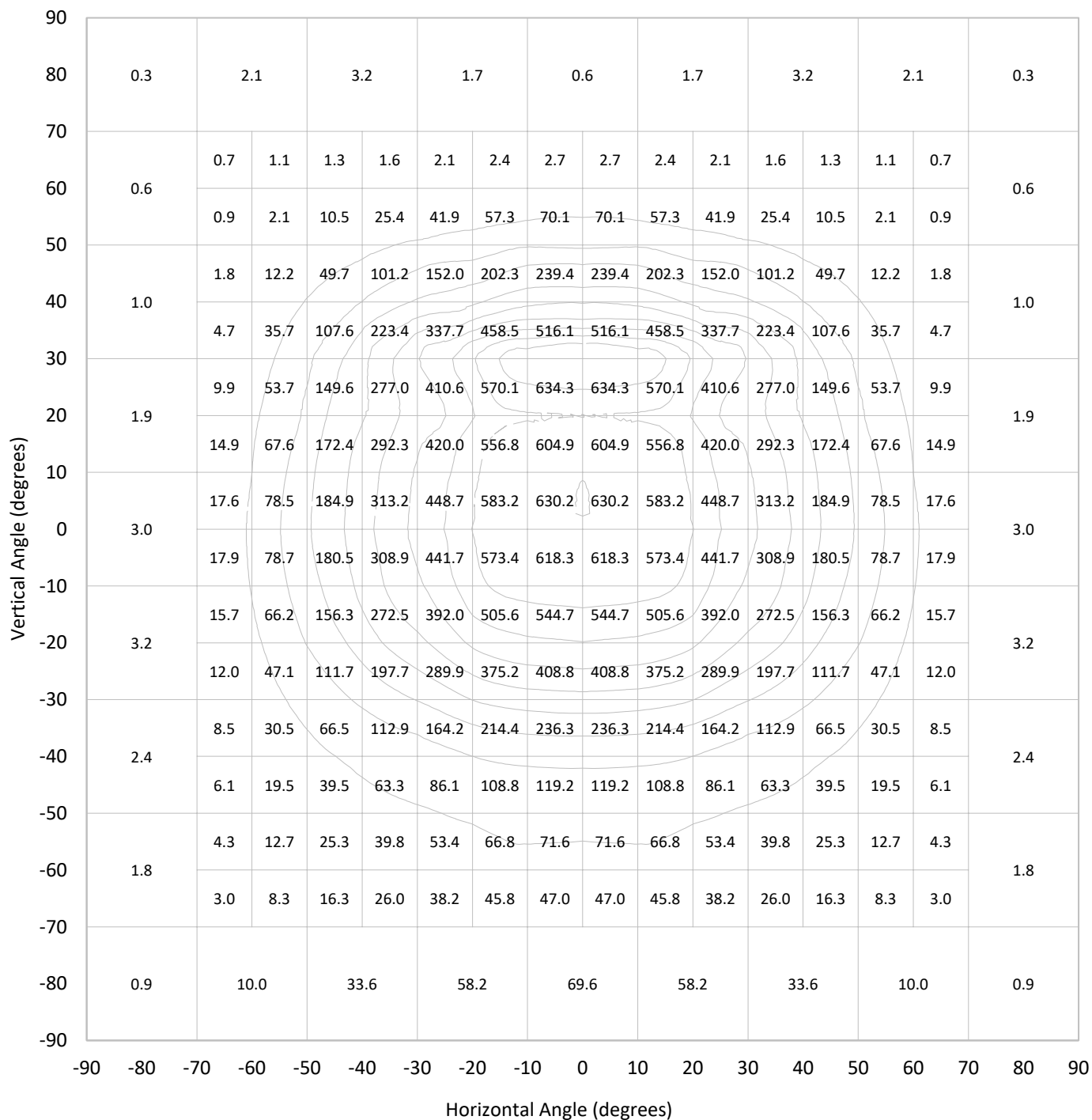
Iso-Candela Plot



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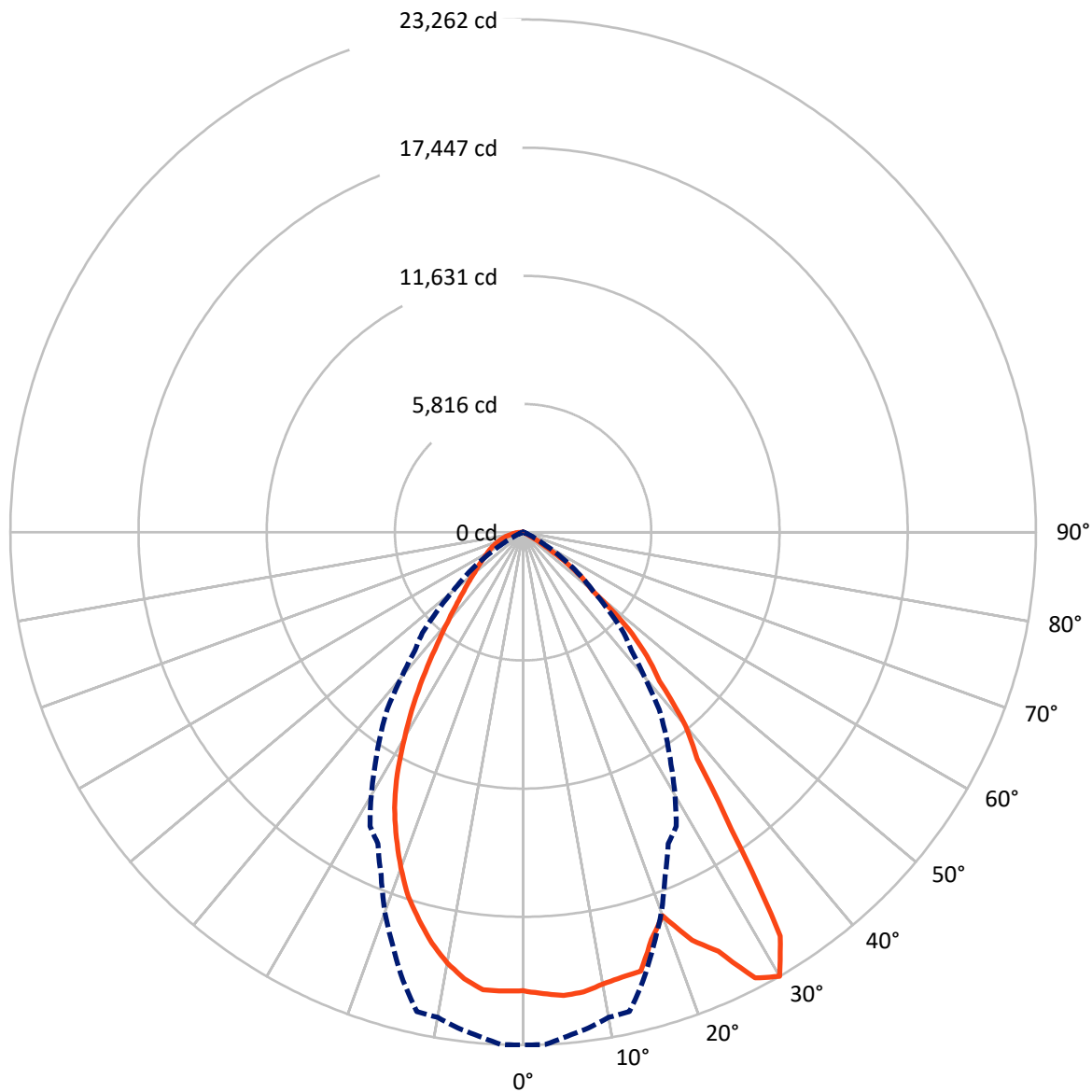
Lumen Table



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Luminous Intensity Polar Plot



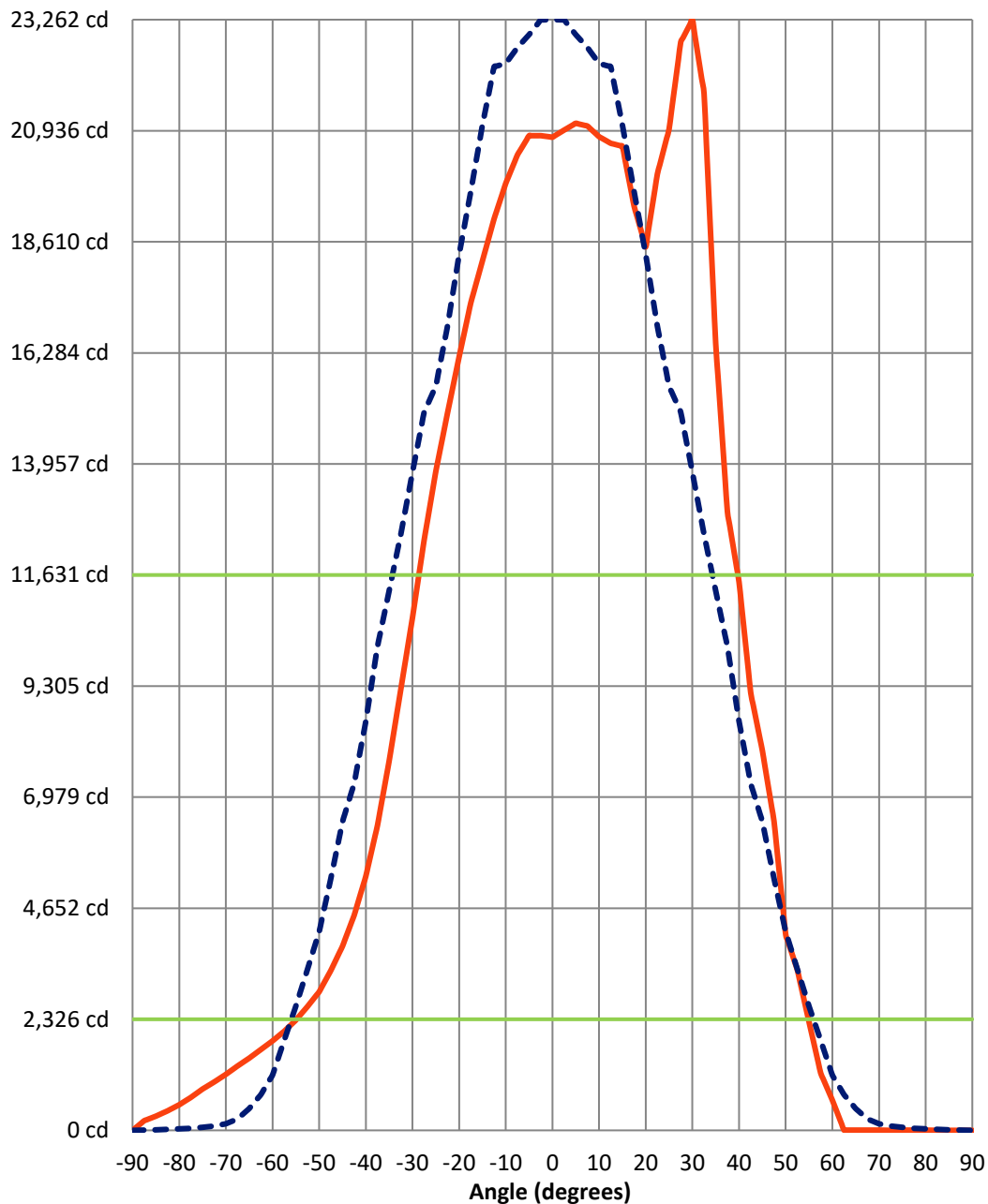
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 21257.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 31415

Efficiency: 94.3%

Spill:

Lumens: 1906.8

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	5.3	5.3	5.3	5.3	5.3	5.3	5.3
85°	0.0	5.3	5.3	5.3	10.6	10.6	10.6	10.6	10.6	10.6	15.9
82.5°	0.0	5.3	5.3	5.3	10.6	10.6	10.6	10.6	15.9	15.9	21.2
80°	5.3	5.3	5.3	5.3	10.6	10.6	10.6	15.9	15.9	21.2	21.2
77.5°	5.3	5.3	5.3	10.6	10.6	10.6	15.9	15.9	21.2	21.2	26.5
75°	5.3	5.3	5.3	10.6	10.6	15.9	15.9	15.9	21.2	21.2	26.5
72.5°	0.0	5.3	5.3	10.6	10.6	15.9	15.9	15.9	21.2	21.2	21.2
70°	5.3	5.3	5.3	10.6	10.6	15.9	15.9	15.9	21.2	21.2	21.2
67.5°	5.3	5.3	5.3	10.6	10.6	15.9	15.9	21.2	21.2	21.2	26.5
65°	5.3	5.3	5.3	10.6	15.9	15.9	21.2	26.5	26.5	31.8	37.1
62.5°	5.3	10.6	10.6	15.9	21.2	26.5	58.4	90.2	90.2	63.7	53.0
60°	631.3	684.3	679.0	615.4	535.8	450.9	435.0	419.1	387.3	339.5	355.4
57.5°	1198.9	1262.6	1289.1	1273.2	1230.8	1156.5	1114.0	1066.3	1002.6	928.4	843.5
55°	2270.5	2297.1	2238.7	2127.3	2005.3	1883.3	1840.8	1777.2	1681.7	1586.2	1458.9
52.5°	3358.0	3448.2	3421.7	3310.3	3145.8	2928.3	2689.6	2503.9	2392.5	2286.4	2159.1
50°	4100.7	4137.9	4212.1	4344.8	4392.5	4244.0	3856.7	3358.0	3002.6	3183.0	3045.1
47.5°	6472.1	6657.7	6620.6	6525.1	6366.0	5962.8	5421.7	4976.1	4604.7	4482.7	4503.9
45°	7952.2	8026.4	7999.9	7957.5	7883.2	7506.5	6907.1	6222.7	5877.9	5740.0	5596.7
42.5°	9167.0	9246.6	9262.5	9267.8	9188.2	8843.4	8302.3	7617.9	7273.1	6875.2	6562.3
40°	11485.3	11602.0	11469.4	11294.3	11029.0	10636.5	10106.0	9474.7	8864.6	8376.6	8005.2
37.5°	12965.4	13108.6	13161.6	13151.0	13092.7	12922.9	12270.4	11670.9	10737.3	9644.4	9840.7
35°	16477.2	16625.8	16583.3	16424.2	16339.3	16159.0	15522.4	14811.5	13639.1	12450.8	12132.5
32.5°	21713.3	22036.9	21432.1	20769.0	20360.5	20503.7	19856.5	18116.5	17575.4	15432.2	14440.1
30°	23262.3	23257.0	22949.3	22678.8	22344.6	22275.6	21055.4	19665.5	18339.3	16838.0	15586.0
27.5°	22790.2	22694.7	22434.7	22238.5	21925.5	21761.0	20567.4	19463.9	17930.8	16588.7	15379.1
25°	20970.6	21044.8	20779.6	20742.4	20620.4	20302.1	19708.0	18466.6	17097.9	15612.5	14742.5
22.5°	20031.6	20005.1	19686.8	19501.1	19649.6	19310.1	19071.4	17819.4	16392.4	15140.4	14095.3
20°	18503.7	18509.1	18429.5	18413.6	18323.4	18169.5	17978.6	17092.6	16084.7	15013.1	13755.8
17.5°	19357.8	19575.4	19670.8	18880.4	19103.2	18928.1	18726.6	17490.5	16731.9	15782.3	14143.1
15°	20609.8	20530.2	20434.8	20392.3	20270.3	20105.9	19739.8	18753.1	17448.1	16466.6	15188.1
12.5°	20673.5	20519.6	20482.5	20477.2	20349.9	20121.8	19766.3	18949.4	17792.9	16599.3	15559.5
10°	20811.4	20652.3	20631.0	20657.6	20461.3	20318.1	19962.6	19204.0	17899.0	16827.4	15846.0
7.5°	21034.2	20769.0	20891.0	20811.4	20721.2	20493.1	20111.2	19368.5	18286.2	17129.8	16100.6
5°	21092.6	20800.8	20933.4	20859.2	20726.5	20503.7	20089.9	19474.6	18525.0	17251.8	16201.4
2.5°	20949.3	20864.5	20806.1	20668.2	20609.8	20365.8	19973.2	19315.4	18413.6	17198.7	16180.2
0°	20800.8	20875.1	20742.4	20604.5	20578.0	20381.7	20047.5	19453.3	18673.5	17347.3	16360.5
-2.5°	20832.6	20774.3	20684.1	20540.9	20402.9	20121.8	19819.4	19262.4	18424.2	17023.7	16105.9
-5°	20832.6	20562.1	20572.7	20578.0	20440.1	20148.3	19782.2	19310.1	18275.6	17018.4	16031.6
-7.5°	20429.5	20196.0	20158.9	20127.1	20089.9	19819.4	19532.9	18944.1	18026.3	16880.4	15824.7
-10°	19835.3	19607.2	19628.4	19580.7	19463.9	19283.6	19066.1	18535.6	17782.3	16445.4	15405.6
-12.5°	19092.6	18991.8	18933.5	18853.9	18737.2	18578.0	18355.2	17856.5	17050.2	15909.6	14922.9
-15°	18212.0	18137.7	18084.7	18036.9	17867.2	17702.7	17410.9	16949.4	16445.4	15220.0	14212.0
-17.5°	17331.3	17145.7	17071.4	17007.7	16896.3	16631.1	16365.8	16021.0	15315.5	14344.6	13479.9
-20°	16201.4	16090.0	15999.8	15914.9	15755.8	15548.9	15331.4	14933.5	14323.4	13538.3	12641.8

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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°	15018.4	14954.7	14880.5	14774.4	14668.3	14472.0	14169.6	13787.6	13310.2	12461.4	11623.2
-25°	13798.2	13676.2	13586.0	13485.2	13400.4	13220.0	12928.2	12562.2	11962.7	11230.6	10530.4
-27.5°	12360.6	12243.9	12196.1	12079.4	12005.2	11840.7	11548.9	11209.4	10668.3	10052.9	9342.1
-30°	10737.3	10758.5	10705.4	10594.0	10503.8	10291.6	10068.8	9782.4	9358.0	8769.1	8132.5
-32.5°	9236.0	9262.5	9198.8	9082.1	8965.4	8811.6	8604.7	8344.7	8026.4	7464.1	6912.4
-35°	7734.7	7724.0	7671.0	7602.0	7522.5	7395.1	7161.7	6965.4	6599.4	6206.8	5824.9
-37.5°	6387.2	6413.7	6397.8	6360.7	6270.5	6164.4	5973.4	5793.0	5522.5	5177.7	4880.6
-40°	5320.9	5352.7	5331.5	5294.4	5214.8	5151.1	5023.8	4864.7	4647.2	4350.1	4100.7
-42.5°	4503.9	4525.1	4498.6	4466.8	4397.8	4350.1	4249.3	4116.7	3936.3	3708.2	3485.4
-45°	3856.7	3862.0	3835.5	3814.3	3761.2	3702.9	3618.0	3511.9	3368.7	3209.5	3029.1
-47.5°	3347.4	3342.1	3315.6	3294.4	3251.9	3198.9	3129.9	3034.4	2923.0	2801.0	2657.8
-50°	2901.8	2928.3	2917.7	2896.5	2864.7	2827.6	2758.6	2657.8	2546.4	2456.2	2355.4
-52.5°	2594.1	2599.4	2594.1	2594.1	2588.8	2562.3	2482.7	2381.9	2259.9	2180.3	2095.5
-55°	2307.7	2334.2	2344.8	2355.4	2360.7	2360.7	2265.2	2159.1	2042.4	1962.8	1899.2
-57.5°	2074.2	2090.2	2100.8	2127.3	2148.5	2164.4	2079.5	1984.1	1893.9	1819.6	1761.3
-60°	1872.7	1893.9	1909.8	1936.3	1952.2	1962.8	1909.8	1846.1	1793.1	1745.3	1660.5
-62.5°	1692.3	1708.2	1724.1	1740.0	1755.9	1766.6	1745.3	1713.5	1687.0	1665.8	1559.7
-65°	1511.9	1527.8	1543.7	1565.0	1580.9	1591.5	1586.2	1565.0	1543.7	1522.5	1427.0
-67.5°	1347.5	1363.4	1384.6	1389.9	1400.5	1405.8	1395.2	1379.3	1352.8	1326.2	1252.0
-70°	1172.4	1183.0	1193.6	1193.6	1193.6	1188.3	1177.7	1156.5	1130.0	1092.8	1034.5
-72.5°	1013.3	1023.9	1034.5	1018.6	1007.9	992.0	976.1	949.6	923.1	896.5	864.7
-75°	864.7	870.0	870.0	848.8	832.9	817.0	795.7	779.8	753.3	732.1	705.6
-77.5°	689.6	689.6	689.6	673.7	663.1	652.5	636.6	620.7	599.5	583.5	562.3
-80°	535.8	535.8	535.8	530.5	514.6	504.0	493.4	482.8	466.8	456.2	445.6
-82.5°	408.5	408.5	408.5	403.2	392.6	387.3	376.7	366.0	360.7	350.1	344.8
-85°	297.1	302.4	302.4	297.1	291.8	281.2	275.9	270.6	265.2	259.9	249.3
-87.5°	201.6	201.6	201.6	196.3	191.0	191.0	185.7	175.1	164.5	159.1	153.8
-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):

	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°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
85°	15.9	15.9	15.9	21.2	21.2	21.2	21.2	21.2	21.2	21.2	15.9
82.5°	26.5	26.5	31.8	31.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1
80°	26.5	31.8	37.1	42.4	47.7	53.0	53.0	53.0	53.0	47.7	47.7
77.5°	31.8	31.8	37.1	42.4	47.7	53.0	58.4	63.7	58.4	58.4	58.4
75°	31.8	37.1	37.1	42.4	47.7	53.0	58.4	63.7	63.7	63.7	63.7
72.5°	26.5	31.8	37.1	42.4	42.4	47.7	53.0	53.0	58.4	58.4	63.7
70°	26.5	31.8	37.1	37.1	42.4	42.4	47.7	53.0	53.0	58.4	58.4
67.5°	31.8	37.1	37.1	42.4	47.7	47.7	47.7	53.0	53.0	58.4	58.4
65°	37.1	42.4	42.4	47.7	53.0	53.0	58.4	58.4	58.4	63.7	63.7
62.5°	63.7	63.7	63.7	58.4	63.7	63.7	63.7	69.0	69.0	63.7	69.0
60°	328.9	238.7	164.5	206.9	185.7	84.9	84.9	84.9	79.6	79.6	74.3
57.5°	774.5	721.5	620.7	525.2	472.1	419.1	259.9	106.1	106.1	95.5	84.9
55°	1294.4	1119.3	1045.1	917.8	779.8	716.2	594.2	403.2	191.0	127.3	111.4
52.5°	2005.3	1840.8	1649.8	1389.9	1204.2	1055.7	954.9	758.6	509.3	270.6	169.8
50°	2684.3	2610.0	2493.3	2238.7	1851.4	1602.1	1437.6	1214.8	912.5	557.0	318.3
47.5°	4323.6	3702.9	3326.2	3129.9	2806.3	2334.2	2015.9	1766.6	1400.5	939.0	562.3
45°	5442.9	5050.3	4450.9	4037.1	3559.6	3061.0	2647.2	2360.7	1925.7	1405.8	880.6
42.5°	6403.1	6063.6	5522.5	4917.7	4413.7	3761.2	3230.7	2854.1	2488.0	1920.4	1315.6
40°	7639.2	7236.0	6716.1	6127.2	5538.4	4705.5	3846.1	3389.9	2986.7	2482.7	1777.2
37.5°	9676.3	8965.4	8116.6	7464.1	6694.9	5989.3	4811.6	4005.3	3527.8	3002.6	2318.3
35°	12127.2	11347.3	9930.9	9066.2	8037.0	6986.7	5925.7	4732.0	4053.0	3496.0	2816.9
32.5°	14408.3	13267.7	11453.4	10440.2	9755.8	7819.5	6721.4	5686.9	4594.1	3909.8	3103.4
30°	15039.6	13782.3	12482.6	11299.6	10132.5	8567.5	7267.8	6461.5	5273.1	4159.1	3374.0
27.5°	14403.0	13538.3	12530.3	11432.2	10169.6	8827.5	7602.0	6832.8	5771.8	4328.9	3586.2
25°	13755.8	12854.0	12148.4	11230.6	10063.5	8811.6	7612.6	7066.2	6159.1	4657.8	3702.9
22.5°	13071.5	12509.1	11925.6	10901.7	9798.3	8859.3	7957.5	7267.8	6360.7	5029.1	3750.6
20°	13108.6	12742.5	12100.6	10732.0	9750.5	9140.5	8371.2	7522.5	6578.2	5352.7	3787.8
17.5°	13702.7	13225.3	12418.9	11230.6	10180.2	9426.9	8716.1	7872.6	6801.0	5639.2	4238.7
15°	14434.8	13708.1	12864.6	11819.5	10631.2	9739.9	8981.3	8116.6	7055.6	5904.4	4641.9
12.5°	14965.3	13930.9	13140.4	12196.1	11119.2	10079.5	9156.4	8302.3	7294.3	6121.9	4944.2
10°	15145.7	14206.7	13273.0	12429.6	11368.6	10259.8	9289.0	8419.0	7501.2	6291.7	5167.0
7.5°	15241.2	14445.4	13363.2	12535.7	11517.1	10371.2	9395.1	8482.7	7665.7	6408.4	5310.3
5°	15230.6	14572.8	13432.2	12567.5	11596.7	10419.0	9469.4	8498.6	7782.4	6509.2	5395.2
2.5°	15182.8	14657.6	13543.6	12620.5	11755.8	10509.2	9612.6	8530.4	7824.8	6620.6	5453.5
0°	15357.9	14662.9	13660.3	12636.4	11861.9	10541.0	9676.3	8503.9	7766.5	6652.4	5448.2
-2.5°	14981.2	14350.0	13633.8	12498.5	11718.7	10466.7	9559.6	8419.0	7639.2	6615.3	5427.0
-5°	14917.6	14121.8	13411.0	12371.2	11480.0	10312.9	9342.1	8259.8	7437.6	6493.3	5342.1
-7.5°	14747.8	13904.3	13193.5	12270.4	11257.2	10153.7	9135.2	8095.4	7220.1	6302.3	5220.1
-10°	14376.5	13570.1	12960.1	12052.9	10986.6	9925.6	8885.8	7877.9	6965.4	6042.4	5029.1
-12.5°	13846.0	13039.6	12434.9	11591.4	10647.1	9617.9	8588.8	7596.7	6673.7	5766.5	4801.0
-15°	13246.5	12429.6	11824.8	11055.6	10143.1	9140.5	8212.1	7241.3	6339.4	5474.7	4530.4
-17.5°	12567.5	11793.0	11209.4	10461.4	9554.3	8599.4	7676.3	6795.7	5952.2	5172.3	4217.5
-20°	11782.3	11029.0	10493.2	9745.2	8912.4	7984.0	7087.4	6254.6	5496.0	4763.9	3872.6

REPORT NUMBER: P722590

CATALOG NUMBER: IFLD-L-SA7C-827-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°	10811.5	10148.4	9538.3	8869.9	8143.1	7294.3	6461.5	5724.1	4997.3	4281.1	3517.2
-25°	9819.5	9177.6	8583.4	7973.4	7278.4	6546.3	5835.5	5167.0	4456.2	3809.0	3172.4
-27.5°	8716.1	8143.1	7612.6	7050.3	6413.7	5782.4	5198.9	4546.4	3931.0	3379.3	2832.9
-30°	7538.4	7071.5	6610.0	6111.3	5596.7	5066.3	4546.4	3931.0	3448.2	3007.9	2546.4
-32.5°	6408.4	5989.3	5618.0	5246.6	4801.0	4366.0	3904.5	3448.2	3045.1	2657.8	2270.5
-35°	5416.4	4970.8	4763.9	4466.8	4111.4	3718.8	3342.1	3023.8	2700.2	2350.1	2005.3
-37.5°	4557.0	4270.5	4026.5	3803.7	3522.5	3183.0	2912.4	2652.5	2381.9	2063.6	1766.6
-40°	3883.2	3676.3	3432.3	3267.9	3039.8	2795.7	2525.2	2307.7	2079.5	1819.6	1575.6
-42.5°	3342.1	3172.4	3013.2	2838.2	2668.4	2461.5	2228.1	2021.2	1814.3	1623.3	1421.7
-45°	2896.5	2774.5	2647.2	2503.9	2355.4	2175.0	1984.1	1771.9	1623.3	1453.6	1283.8
-47.5°	2530.5	2440.3	2334.2	2222.8	2095.5	1936.3	1761.3	1607.4	1453.6	1310.3	1145.9
-50°	2238.7	2153.8	2068.9	1973.5	1862.0	1724.1	1591.5	1448.3	1305.0	1167.1	1013.3
-52.5°	1994.7	1920.4	1851.4	1771.9	1665.8	1549.1	1427.0	1299.7	1167.1	1029.2	907.2
-55°	1824.9	1740.0	1671.1	1591.5	1496.0	1384.6	1273.2	1156.5	1029.2	923.1	822.3
-57.5°	1687.0	1591.5	1511.9	1427.0	1331.5	1236.1	1135.3	1029.2	933.7	832.9	737.4
-60°	1570.3	1458.9	1368.7	1283.8	1193.6	1103.4	1018.6	928.4	838.2	748.0	652.5
-62.5°	1448.3	1331.5	1220.1	1140.6	1071.6	992.0	917.8	832.9	753.3	663.1	594.2
-65°	1310.3	1198.9	1092.8	1023.9	960.2	891.2	822.3	748.0	679.0	610.1	546.4
-67.5°	1156.5	1061.0	986.7	923.1	859.4	801.1	737.4	673.7	615.4	546.4	482.8
-70°	970.8	917.8	875.3	827.6	769.2	716.2	657.8	599.5	535.8	477.4	419.1
-72.5°	827.6	795.7	763.9	716.2	663.1	615.4	567.6	514.6	461.5	408.5	360.7
-75°	679.0	652.5	626.0	594.2	551.7	514.6	472.1	424.4	382.0	344.8	307.7
-77.5°	546.4	525.2	509.3	482.8	450.9	419.1	392.6	360.7	328.9	291.8	254.6
-80°	435.0	424.4	419.1	408.5	382.0	355.4	334.2	307.7	275.9	249.3	222.8
-82.5°	339.5	339.5	334.2	328.9	307.7	286.5	270.6	249.3	228.1	206.9	180.4
-85°	249.3	244.0	244.0	238.7	222.8	212.2	196.3	185.7	169.8	148.5	137.9
-87.5°	148.5	143.2	137.9	132.6	122.0	116.7	106.1	100.8	90.2	79.6	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

REPORT NUMBER: P722590

CATALOG NUMBER: IFLD-L-SA7C-827-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°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	0.0	0.0
85°	15.9	10.6	10.6	10.6	10.6	10.6	5.3	5.3	5.3	5.3	5.3
82.5°	31.8	31.8	26.5	26.5	21.2	15.9	10.6	10.6	10.6	5.3	5.3
80°	47.7	47.7	47.7	42.4	37.1	26.5	21.2	15.9	10.6	5.3	5.3
77.5°	58.4	53.0	53.0	47.7	47.7	42.4	31.8	26.5	15.9	10.6	5.3
75°	58.4	58.4	58.4	53.0	53.0	47.7	42.4	31.8	26.5	15.9	10.6
72.5°	63.7	58.4	58.4	58.4	53.0	47.7	42.4	37.1	31.8	21.2	10.6
70°	58.4	58.4	58.4	58.4	53.0	53.0	42.4	37.1	37.1	21.2	15.9
67.5°	58.4	58.4	58.4	53.0	53.0	47.7	42.4	37.1	37.1	26.5	15.9
65°	63.7	58.4	58.4	58.4	53.0	47.7	42.4	37.1	37.1	31.8	21.2
62.5°	69.0	63.7	63.7	58.4	53.0	47.7	42.4	37.1	37.1	31.8	21.2
60°	74.3	69.0	63.7	63.7	58.4	53.0	42.4	42.4	37.1	31.8	21.2
57.5°	79.6	74.3	74.3	69.0	63.7	58.4	47.7	42.4	37.1	31.8	26.5
55°	95.5	84.9	79.6	79.6	74.3	63.7	53.0	42.4	37.1	31.8	26.5
52.5°	127.3	100.8	90.2	90.2	84.9	74.3	58.4	47.7	37.1	31.8	26.5
50°	201.6	127.3	106.1	95.5	95.5	84.9	69.0	53.0	37.1	31.8	26.5
47.5°	318.3	212.2	127.3	111.4	106.1	100.8	79.6	53.0	42.4	31.8	26.5
45°	525.2	313.0	206.9	132.6	111.4	106.1	90.2	58.4	42.4	37.1	26.5
42.5°	721.5	488.1	318.3	159.1	132.6	116.7	95.5	63.7	47.7	37.1	26.5
40°	1135.3	668.4	445.6	259.9	153.8	122.0	106.1	74.3	47.7	37.1	26.5
37.5°	1538.4	885.9	599.5	382.0	175.1	137.9	111.4	79.6	53.0	37.1	31.8
35°	1941.6	1241.4	742.7	509.3	233.4	164.5	116.7	84.9	53.0	37.1	31.8
32.5°	2302.4	1575.6	891.2	636.6	350.1	196.3	127.3	90.2	58.4	42.4	31.8
30°	2599.4	1883.3	1156.5	748.0	456.2	238.7	137.9	90.2	63.7	42.4	31.8
27.5°	2822.2	2122.0	1427.0	864.7	546.4	281.2	159.1	100.8	63.7	42.4	31.8
25°	3002.6	2307.7	1665.8	986.7	626.0	350.1	191.0	106.1	69.0	47.7	31.8
22.5°	3145.8	2461.5	1862.0	1151.2	721.5	419.1	233.4	116.7	69.0	47.7	31.8
20°	3342.1	2615.4	1994.7	1326.2	822.3	482.8	270.6	127.3	69.0	47.7	37.1
17.5°	3511.9	2769.2	2100.8	1474.8	923.1	530.5	313.0	137.9	74.3	47.7	37.1
15°	3708.2	2917.7	2196.3	1591.5	1018.6	572.9	350.1	148.5	74.3	53.0	37.1
12.5°	3920.4	3055.7	2265.2	1687.0	1119.3	610.1	382.0	169.8	79.6	53.0	37.1
10°	4137.9	3172.4	2323.6	1755.9	1193.6	647.2	403.2	191.0	84.9	53.0	37.1
7.5°	4355.4	3278.5	2397.8	1787.8	1225.4	689.6	413.8	212.2	84.9	58.4	37.1
5°	4503.9	3347.4	2503.9	1809.0	1241.4	737.4	429.7	238.7	90.2	58.4	37.1
2.5°	4631.2	3389.9	2615.4	1824.9	1246.7	763.9	424.4	254.6	95.5	58.4	37.1
0°	4689.6	3389.9	2689.6	1814.3	1230.8	790.4	424.4	270.6	95.5	58.4	37.1
-2.5°	4599.4	3485.4	2668.4	1819.6	1236.1	790.4	445.6	275.9	106.1	63.7	37.1
-5°	4456.2	3522.5	2604.7	1793.1	1225.4	790.4	472.1	281.2	111.4	63.7	42.4
-7.5°	4318.2	3538.4	2530.5	1766.6	1209.5	769.2	477.4	275.9	122.0	69.0	42.4
-10°	4137.9	3363.4	2435.0	1718.8	1177.7	753.3	488.1	275.9	127.3	69.0	42.4
-12.5°	3931.0	3151.2	2318.3	1649.8	1140.6	737.4	493.4	275.9	132.6	74.3	42.4
-15°	3692.3	2933.7	2185.6	1575.6	1087.5	716.2	482.8	270.6	137.9	74.3	47.7
-17.5°	3421.7	2721.5	2047.7	1485.4	1029.2	689.6	461.5	265.2	137.9	74.3	47.7
-20°	3114.0	2509.3	1893.9	1395.2	960.2	657.8	440.3	254.6	137.9	74.3	47.7



REPORT NUMBER: P722590

CATALOG NUMBER: IFLD-L-SA7C-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2838.2	2313.0	1734.7	1294.4	885.9	620.7	413.8	244.0	137.9	79.6	47.7
-25°	2610.0	2122.0	1612.7	1193.6	806.4	578.2	387.3	233.4	137.9	79.6	47.7
-27.5°	2371.3	1915.1	1485.4	1098.1	753.3	541.1	360.7	222.8	132.6	79.6	47.7
-30°	2127.3	1713.5	1352.8	992.0	700.3	504.0	339.5	206.9	132.6	79.6	47.7
-32.5°	1904.5	1549.1	1230.8	885.9	641.9	466.8	318.3	201.6	127.3	79.6	47.7
-35°	1687.0	1400.5	1103.4	801.1	578.2	429.7	297.1	196.3	127.3	79.6	47.7
-37.5°	1506.6	1262.6	986.7	742.7	541.1	397.9	275.9	185.7	122.0	79.6	47.7
-40°	1358.1	1135.3	875.3	679.0	509.3	366.0	254.6	180.4	122.0	79.6	47.7
-42.5°	1220.1	1013.3	806.4	626.0	477.4	344.8	238.7	175.1	116.7	79.6	47.7
-45°	1098.1	907.2	737.4	578.2	440.3	318.3	228.1	164.5	111.4	79.6	53.0
-47.5°	976.1	832.9	673.7	535.8	403.2	286.5	217.5	159.1	106.1	74.3	53.0
-50°	880.6	753.3	620.7	488.1	366.0	275.9	206.9	148.5	106.1	74.3	53.0
-52.5°	795.7	679.0	562.3	440.3	334.2	259.9	196.3	137.9	100.8	74.3	53.0
-55°	716.2	610.1	504.0	392.6	313.0	244.0	180.4	127.3	100.8	74.3	53.0
-57.5°	636.6	546.4	445.6	355.4	286.5	228.1	169.8	127.3	100.8	74.3	53.0
-60°	572.9	488.1	403.2	328.9	265.2	206.9	153.8	122.0	95.5	74.3	53.0
-62.5°	519.9	440.3	366.0	297.1	244.0	185.7	148.5	122.0	95.5	74.3	47.7
-65°	466.8	397.9	328.9	270.6	217.5	175.1	143.2	116.7	95.5	74.3	47.7
-67.5°	413.8	350.1	297.1	238.7	201.6	169.8	137.9	116.7	90.2	69.0	47.7
-70°	360.7	307.7	259.9	222.8	191.0	159.1	132.6	111.4	90.2	63.7	42.4
-72.5°	318.3	270.6	233.4	206.9	180.4	153.8	127.3	106.1	84.9	58.4	37.1
-75°	270.6	238.7	212.2	185.7	164.5	143.2	122.0	95.5	74.3	53.0	37.1
-77.5°	228.1	206.9	185.7	169.8	148.5	127.3	106.1	84.9	69.0	47.7	31.8
-80°	196.3	180.4	164.5	148.5	132.6	111.4	95.5	74.3	58.4	42.4	26.5
-82.5°	159.1	148.5	132.6	122.0	111.4	95.5	79.6	63.7	42.4	31.8	21.2
-85°	122.0	111.4	106.1	95.5	84.9	69.0	53.0	42.4	31.8	21.2	10.6
-87.5°	63.7	58.4	53.0	47.7	42.4	31.8	26.5	21.2	15.9	10.6	5.3
-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: P722590

CATALOG NUMBER: IFLD-L-SA7C-827-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°	5.3	0.0	0.0	0.0
77.5°	5.3	0.0	0.0	0.0
75°	5.3	5.3	0.0	0.0
72.5°	5.3	5.3	0.0	0.0
70°	5.3	5.3	0.0	0.0
67.5°	10.6	5.3	0.0	0.0
65°	10.6	5.3	0.0	0.0
62.5°	10.6	5.3	0.0	0.0
60°	10.6	5.3	0.0	0.0
57.5°	15.9	5.3	5.3	0.0
55°	15.9	5.3	5.3	0.0
52.5°	15.9	5.3	5.3	0.0
50°	15.9	10.6	5.3	0.0
47.5°	15.9	10.6	5.3	0.0
45°	15.9	10.6	5.3	0.0
42.5°	15.9	10.6	5.3	0.0
40°	21.2	10.6	5.3	0.0
37.5°	21.2	10.6	5.3	0.0
35°	21.2	10.6	5.3	0.0
32.5°	21.2	10.6	5.3	0.0
30°	21.2	15.9	5.3	0.0
27.5°	21.2	15.9	5.3	0.0
25°	21.2	15.9	5.3	0.0
22.5°	26.5	15.9	5.3	0.0
20°	26.5	15.9	5.3	0.0
17.5°	26.5	15.9	5.3	0.0
15°	26.5	15.9	5.3	0.0
12.5°	26.5	15.9	5.3	0.0
10°	26.5	15.9	5.3	0.0
7.5°	26.5	15.9	5.3	0.0
5°	26.5	15.9	5.3	0.0
2.5°	26.5	15.9	5.3	0.0
0°	26.5	15.9	5.3	0.0
-2.5°	26.5	15.9	5.3	0.0
-5°	26.5	15.9	5.3	0.0
-7.5°	26.5	15.9	5.3	0.0
-10°	26.5	15.9	5.3	0.0
-12.5°	31.8	15.9	5.3	0.0
-15°	31.8	15.9	5.3	0.0
-17.5°	31.8	15.9	5.3	0.0
-20°	31.8	15.9	5.3	0.0

REPORT NUMBER: P722590

CATALOG NUMBER: IFLD-L-SA7C-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	31.8	15.9	5.3	0.0
-25°	31.8	15.9	5.3	0.0
-27.5°	31.8	15.9	5.3	0.0
-30°	31.8	15.9	5.3	0.0
-32.5°	31.8	15.9	5.3	0.0
-35°	31.8	15.9	5.3	0.0
-37.5°	31.8	15.9	5.3	0.0
-40°	31.8	15.9	5.3	0.0
-42.5°	26.5	15.9	5.3	0.0
-45°	31.8	15.9	5.3	0.0
-47.5°	31.8	15.9	5.3	0.0
-50°	31.8	15.9	5.3	0.0
-52.5°	31.8	15.9	5.3	0.0
-55°	31.8	15.9	5.3	0.0
-57.5°	31.8	15.9	5.3	0.0
-60°	31.8	15.9	5.3	0.0
-62.5°	26.5	15.9	5.3	0.0
-65°	26.5	10.6	5.3	0.0
-67.5°	26.5	10.6	5.3	0.0
-70°	26.5	10.6	5.3	0.0
-72.5°	21.2	10.6	5.3	0.0
-75°	21.2	10.6	5.3	0.0
-77.5°	15.9	5.3	0.0	0.0
-80°	15.9	5.3	0.0	0.0
-82.5°	10.6	5.3	0.0	0.0
-85°	5.3	5.3	0.0	0.0
-87.5°	5.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)