

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: P722736

Luminaire Tested: **IFLD-L-SA7D-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722736
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	36041.9 lumens	Max Intensity:	25161.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.3 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:	22993.1 lumens	Field Lumens:	33979.4 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

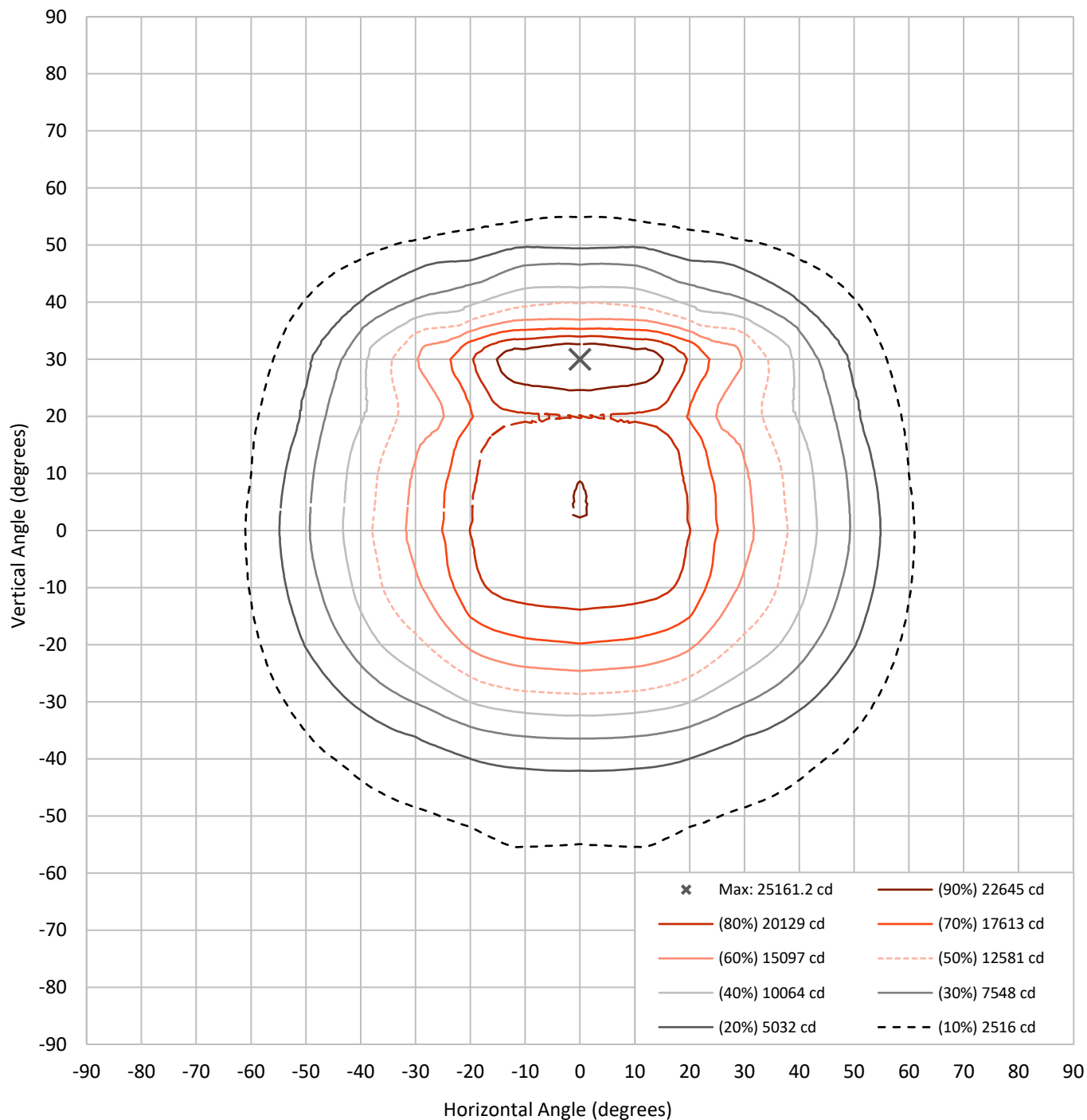
Input Watts (W): 422.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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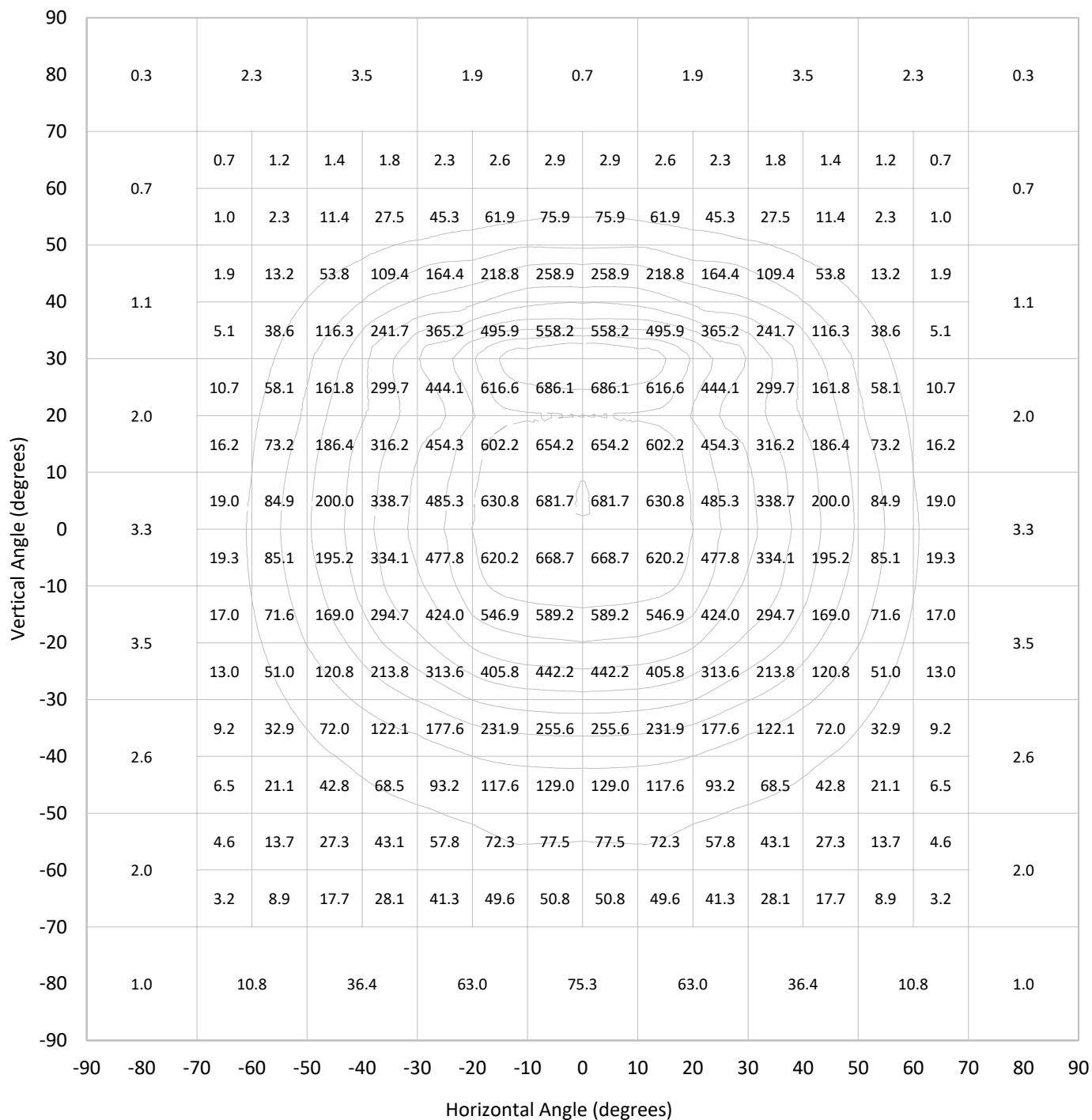
Iso-Candela Plot



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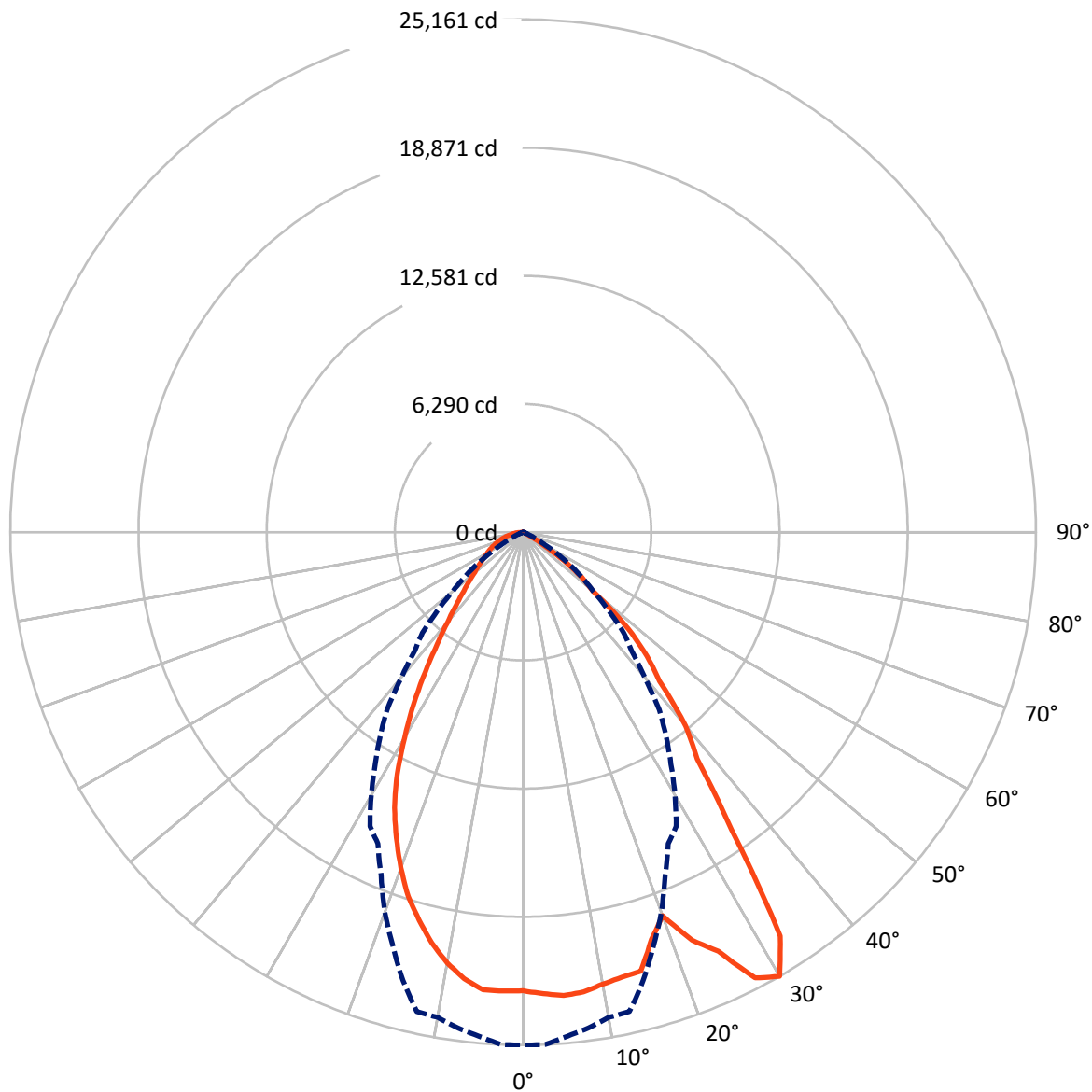
Lumen Table



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Luminous Intensity Polar Plot



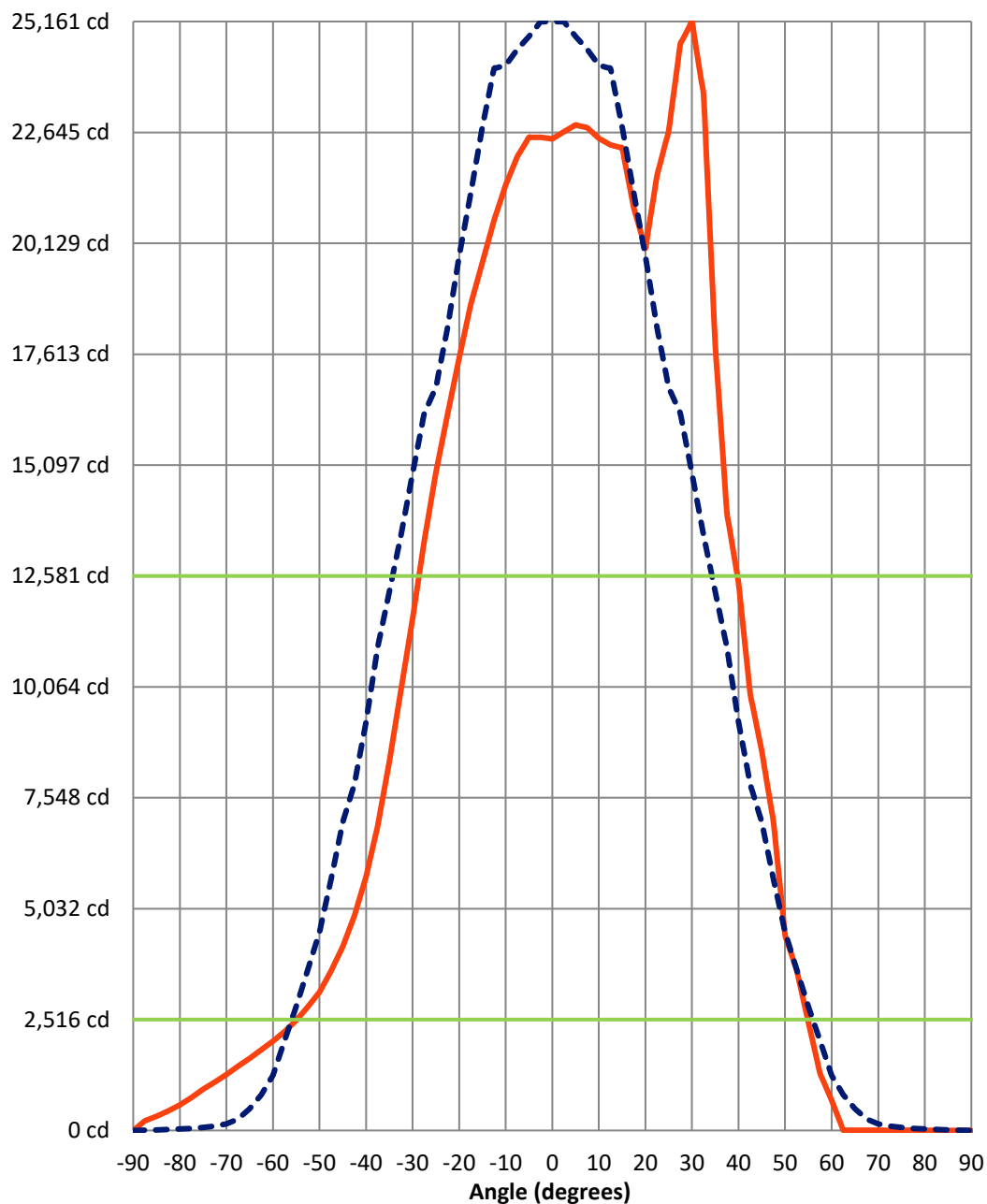
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 22993.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 33979.4

Efficiency: 94.3%

Spill:

Lumens: 2062.5

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	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	0.0	5.7	5.7	5.7	11.5	11.5	11.5	11.5	11.5	11.5	17.2
82.5°	0.0	5.7	5.7	5.7	11.5	11.5	11.5	11.5	17.2	17.2	23.0
80°	5.7	5.7	5.7	5.7	11.5	11.5	11.5	17.2	17.2	23.0	23.0
77.5°	5.7	5.7	5.7	11.5	11.5	11.5	17.2	17.2	23.0	23.0	28.7
75°	5.7	5.7	5.7	11.5	11.5	17.2	17.2	17.2	23.0	23.0	28.7
72.5°	0.0	5.7	5.7	11.5	11.5	17.2	17.2	17.2	23.0	23.0	23.0
70°	5.7	5.7	5.7	11.5	11.5	17.2	17.2	17.2	23.0	23.0	23.0
67.5°	5.7	5.7	5.7	11.5	11.5	17.2	17.2	23.0	23.0	23.0	28.7
65°	5.7	5.7	5.7	11.5	17.2	17.2	23.0	28.7	28.7	34.4	40.2
62.5°	5.7	11.5	11.5	17.2	23.0	28.7	63.1	97.5	97.5	68.9	57.4
60°	682.8	740.2	734.5	665.6	579.5	487.7	470.5	453.3	418.9	367.2	384.4
57.5°	1296.8	1365.6	1394.3	1377.1	1331.2	1250.9	1205.0	1153.3	1084.5	1004.2	912.3
55°	2455.9	2484.6	2421.4	2300.9	2169.0	2037.0	1991.1	1922.2	1819.0	1715.7	1578.0
52.5°	3632.2	3729.7	3701.0	3580.5	3402.6	3167.4	2909.2	2708.3	2587.8	2473.1	2335.4
50°	4435.5	4475.7	4556.0	4699.4	4751.1	4590.4	4171.5	3632.2	3247.7	3442.8	3293.6
47.5°	7000.4	7201.2	7161.1	7057.8	6885.6	6449.5	5864.3	5382.3	4980.6	4848.6	4871.6
45°	8601.3	8681.6	8652.9	8607.0	8526.7	8119.3	7470.9	6730.7	6357.7	6208.5	6053.6
42.5°	9915.3	10001.4	10018.6	10024.3	9938.3	9565.3	8980.0	8239.8	7866.8	7436.5	7097.9
40°	12422.8	12549.1	12405.6	12216.2	11929.3	11504.7	10930.9	10248.1	9588.2	9060.3	8658.7
37.5°	14023.7	14178.7	14236.0	14224.6	14161.4	13977.8	13272.0	12623.6	11613.8	10431.7	10644.0
35°	17822.3	17983.0	17937.1	17764.9	17673.1	17478.0	16789.5	16020.6	14752.5	13467.1	13122.9
32.5°	23485.7	23835.7	23181.6	22464.4	22022.5	22177.5	21477.4	19595.3	19010.1	16691.9	15618.9
30°	25161.2	25155.5	24822.7	24530.0	24168.5	24094.0	22774.2	21270.8	19836.3	18212.5	16858.3
27.5°	24650.5	24547.3	24266.1	24053.8	23715.2	23537.4	22246.3	21052.8	19394.5	17942.8	16634.5
25°	22682.4	22762.7	22475.8	22435.7	22303.7	21959.4	21316.8	19974.1	18493.6	16887.0	15946.0
22.5°	21666.8	21638.1	21293.8	21093.0	21253.6	20886.4	20628.2	19274.0	17730.5	16376.3	15245.9
20°	20014.2	20020.0	19933.9	19916.7	19819.1	19652.7	19446.2	18487.9	17397.7	16238.6	14878.7
17.5°	20938.0	21173.3	21276.6	20421.6	20662.6	20473.3	20255.2	18918.3	18097.7	17070.6	15297.6
15°	22292.2	22206.1	22102.9	22057.0	21925.0	21747.1	21351.2	20283.9	18872.4	17810.8	16428.0
12.5°	22361.1	22194.7	22154.5	22148.8	22011.1	21764.3	21379.9	20496.2	19245.3	17954.3	16829.6
10°	22510.3	22338.1	22315.2	22343.9	22131.6	21976.6	21592.2	20771.6	19360.1	18201.0	17139.5
7.5°	22751.3	22464.4	22596.3	22510.3	22412.7	22166.0	21752.8	20949.5	19779.0	18528.1	17414.9
5°	22814.4	22498.8	22642.2	22561.9	22418.5	22177.5	21729.9	21064.3	20037.2	18660.0	17523.9
2.5°	22659.4	22567.6	22504.5	22355.3	22292.2	22028.3	21603.7	20892.1	19916.7	18602.7	17501.0
0°	22498.8	22579.1	22435.7	22286.5	22257.8	22045.5	21684.0	21041.3	20197.8	18763.3	17696.1
-2.5°	22533.2	22470.1	22372.5	22217.6	22068.4	21764.3	21437.2	20834.8	19928.2	18413.3	17420.6
-5°	22533.2	22240.6	22252.0	22257.8	22108.6	21793.0	21397.1	20886.4	19767.5	18407.6	17340.3
-7.5°	22097.1	21844.6	21804.5	21770.1	21729.9	21437.2	21127.4	20490.5	19497.8	18258.4	17116.5
-10°	21454.5	21207.7	21230.7	21179.0	21052.8	20857.7	20622.5	20048.6	19233.8	17787.9	16663.2
-12.5°	20651.1	20542.1	20479.0	20392.9	20266.7	20094.6	19853.6	19314.2	18442.0	17208.3	16141.1
-15°	19698.6	19618.3	19560.9	19509.3	19325.7	19147.8	18832.2	18333.0	17787.9	16462.4	15372.2
-17.5°	18746.1	18545.3	18465.0	18396.1	18275.6	17988.7	17701.8	17328.8	16565.7	15515.6	14580.3
-20°	17523.9	17403.4	17305.9	17214.1	17041.9	16818.1	16582.9	16152.5	15492.7	14643.4	13673.7

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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°	16244.3	16175.5	16095.2	15980.4	15865.6	15653.3	15326.3	14913.1	14396.7	13478.6	12572.0
-25°	14924.6	14792.6	14695.1	14586.1	14494.2	14299.2	13983.6	13587.6	12939.2	12147.4	11390.0
-27.5°	13369.6	13243.4	13191.7	13065.5	12985.1	12807.3	12491.7	12124.4	11539.2	10873.6	10104.7
-30°	11613.8	11636.7	11579.3	11458.8	11361.3	11131.8	10890.8	10580.9	10121.9	9485.0	8796.4
-32.5°	9989.9	10018.6	9949.7	9823.5	9697.3	9530.9	9307.1	9025.9	8681.6	8073.4	7476.6
-35°	8366.0	8354.6	8297.2	8222.6	8136.5	7998.8	7746.3	7534.0	7138.1	6713.5	6300.3
-37.5°	6908.6	6937.3	6920.1	6879.9	6782.3	6667.6	6461.0	6265.9	5973.3	5600.3	5279.0
-40°	5755.2	5789.7	5766.7	5726.5	5640.5	5571.6	5433.9	5261.8	5026.5	4705.2	4435.5
-42.5°	4871.6	4894.5	4865.8	4831.4	4756.8	4705.2	4596.2	4452.7	4257.6	4010.9	3769.9
-45°	4171.5	4177.3	4148.6	4125.6	4068.3	4005.1	3913.3	3798.6	3643.6	3471.5	3276.4
-47.5°	3620.7	3615.0	3586.3	3563.3	3517.4	3460.0	3385.4	3282.1	3161.7	3029.7	2874.7
-50°	3138.7	3167.4	3155.9	3133.0	3098.5	3058.4	2983.8	2874.7	2754.3	2656.7	2547.7
-52.5°	2805.9	2811.6	2805.9	2805.9	2800.2	2771.5	2685.4	2576.4	2444.4	2358.3	2266.5
-55°	2496.0	2524.7	2536.2	2547.7	2553.4	2553.4	2450.1	2335.4	2209.1	2123.1	2054.2
-57.5°	2243.6	2260.8	2272.3	2300.9	2323.9	2341.1	2249.3	2146.0	2048.5	1968.1	1905.0
-60°	2025.5	2048.5	2065.7	2094.4	2111.6	2123.1	2065.7	1996.8	1939.5	1887.8	1796.0
-62.5°	1830.4	1847.6	1864.9	1882.1	1899.3	1910.8	1887.8	1853.4	1824.7	1801.7	1687.0
-65°	1635.3	1652.6	1669.8	1692.7	1709.9	1721.4	1715.7	1692.7	1669.8	1646.8	1543.5
-67.5°	1457.5	1474.7	1497.6	1503.4	1514.8	1520.6	1509.1	1491.9	1463.2	1434.5	1354.2
-70°	1268.1	1279.6	1291.1	1291.1	1291.1	1285.3	1273.8	1250.9	1222.2	1182.0	1118.9
-72.5°	1096.0	1107.4	1118.9	1101.7	1090.2	1073.0	1055.8	1027.1	998.4	969.7	935.3
-75°	935.3	941.0	941.0	918.1	900.9	883.7	860.7	843.5	814.8	791.8	763.2
-77.5°	745.9	745.9	745.9	728.7	717.3	705.8	688.6	671.3	648.4	631.2	608.2
-80°	579.5	579.5	579.5	573.8	556.6	545.1	533.6	522.2	504.9	493.5	482.0
-82.5°	441.8	441.8	441.8	436.1	424.6	418.9	407.4	395.9	390.2	378.7	373.0
-85°	321.3	327.1	327.1	321.3	315.6	304.1	298.4	292.6	286.9	281.2	269.7
-87.5°	218.0	218.0	218.0	212.3	206.6	206.6	200.8	189.4	177.9	172.1	166.4
-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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	17.2	17.2	17.2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	17.2
82.5°	28.7	28.7	34.4	34.4	40.2	40.2	40.2	40.2	40.2	40.2	40.2
80°	28.7	34.4	40.2	45.9	51.6	57.4	57.4	57.4	57.4	51.6	51.6
77.5°	34.4	34.4	40.2	45.9	51.6	57.4	63.1	68.9	63.1	63.1	63.1
75°	34.4	40.2	40.2	45.9	51.6	57.4	63.1	68.9	68.9	68.9	68.9
72.5°	28.7	34.4	40.2	45.9	45.9	51.6	57.4	57.4	63.1	63.1	68.9
70°	28.7	34.4	40.2	40.2	45.9	45.9	51.6	57.4	57.4	63.1	63.1
67.5°	34.4	40.2	40.2	45.9	51.6	51.6	51.6	57.4	57.4	63.1	63.1
65°	40.2	45.9	45.9	51.6	57.4	57.4	63.1	63.1	63.1	68.9	68.9
62.5°	68.9	68.9	68.9	63.1	68.9	68.9	68.9	74.6	74.6	68.9	74.6
60°	355.8	258.2	177.9	223.8	200.8	91.8	91.8	91.8	86.1	86.1	80.3
57.5°	837.8	780.4	671.3	568.1	510.7	453.3	281.2	114.8	114.8	103.3	91.8
55°	1400.1	1210.7	1130.4	992.7	843.5	774.6	642.7	436.1	206.6	137.7	120.5
52.5°	2169.0	1991.1	1784.5	1503.4	1302.5	1141.9	1032.8	820.5	550.9	292.6	183.6
50°	2903.4	2823.1	2696.9	2421.4	2002.6	1732.9	1555.0	1314.0	986.9	602.5	344.3
47.5°	4676.5	4005.1	3597.7	3385.4	3035.4	2524.7	2180.4	1910.8	1514.8	1015.6	608.2
45°	5887.2	5462.6	4814.2	4366.6	3850.2	3310.8	2863.3	2553.4	2082.9	1520.6	952.5
42.5°	6925.8	6558.6	5973.3	5319.1	4774.0	4068.3	3494.5	3087.1	2691.1	2077.2	1423.0
40°	8262.8	7826.7	7264.3	6627.4	5990.5	5089.6	4160.1	3666.6	3230.5	2685.4	1922.2
37.5°	10466.2	9697.3	8779.2	8073.4	7241.4	6478.2	5204.4	4332.2	3815.8	3247.7	2507.5
35°	13117.1	12273.6	10741.6	9806.3	8693.1	7557.0	6409.4	5118.3	4383.8	3781.4	3046.9
32.5°	15584.5	14350.8	12388.4	11292.4	10552.2	8457.8	7270.1	6151.2	4969.1	4228.9	3356.7
30°	16267.3	14907.4	13501.6	12222.0	10959.6	9266.9	7861.1	6988.9	5703.6	4498.6	3649.4
27.5°	15578.7	14643.4	13553.2	12365.4	10999.8	9548.1	8222.6	7390.6	6243.0	4682.2	3878.9
25°	14878.7	13903.2	13140.1	12147.4	10885.0	9530.9	8234.1	7643.0	6661.8	5038.0	4005.1
22.5°	14138.5	13530.3	12899.1	11791.6	10598.1	9582.5	8607.0	7861.1	6879.9	5439.6	4056.8
20°	14178.7	13782.7	13088.4	11608.0	10546.5	9886.6	9054.6	8136.5	7115.1	5789.7	4096.9
17.5°	14821.3	14304.9	13432.7	12147.4	11011.3	10196.5	9427.6	8515.2	7356.1	6099.5	4584.7
15°	15613.2	14827.0	13914.7	12784.3	11499.0	10535.0	9714.5	8779.2	7631.6	6386.4	5020.8
12.5°	16187.0	15068.0	14213.1	13191.7	12026.9	10902.2	9903.8	8980.0	7889.8	6621.7	5347.8
10°	16382.1	15366.4	14356.5	13444.2	12296.6	11097.3	10047.3	9106.2	8113.6	6805.3	5588.8
7.5°	16485.3	15624.6	14454.1	13558.9	12457.2	11217.8	10162.0	9175.1	8291.4	6931.5	5743.8
5°	16473.9	15762.3	14528.7	13593.4	12543.3	11269.5	10242.4	9192.3	8417.7	7040.6	5835.6
2.5°	16422.2	15854.2	14649.2	13650.8	12715.5	11367.0	10397.3	9226.7	8463.6	7161.1	5898.7
0°	16611.6	15859.9	14775.4	13668.0	12830.2	11401.4	10466.2	9198.0	8400.5	7195.5	5892.9
-2.5°	16204.2	15521.3	14746.7	13518.8	12675.3	11321.1	10339.9	9106.2	8262.8	7155.3	5870.0
-5°	16135.3	15274.6	14505.7	13381.1	12417.1	11154.7	10104.7	8934.1	8044.7	7023.3	5778.2
-7.5°	15951.7	15039.4	14270.5	13272.0	12176.1	10982.6	9880.9	8756.2	7809.4	6816.8	5646.2
-10°	15550.0	14677.9	14018.0	13036.8	11883.4	10735.8	9611.2	8521.0	7534.0	6535.6	5439.6
-12.5°	14976.2	14104.1	13449.9	12537.6	11516.2	10403.0	9289.9	8216.8	7218.4	6237.2	5192.9
-15°	14327.8	13444.2	12790.1	11958.0	10971.1	9886.6	8882.5	7832.4	6856.9	5921.6	4900.3
-17.5°	13593.4	12755.6	12124.4	11315.4	10334.2	9301.3	8302.9	7350.4	6438.1	5594.6	4561.7
-20°	12744.1	11929.3	11349.8	10540.7	9639.9	8635.7	7666.0	6765.1	5944.6	5152.7	4188.8

REPORT NUMBER: P722736

CATALOG NUMBER: IFLD-L-SA7D-940-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°	11694.1	10976.8	10317.0	9594.0	8807.9	7889.8	6988.9	6191.3	5405.2	4630.6	3804.3
-25°	10621.1	9926.8	9284.1	8624.2	7872.6	7080.7	6311.8	5588.8	4819.9	4119.9	3431.3
-27.5°	9427.6	8807.9	8234.1	7625.8	6937.3	6254.4	5623.3	4917.5	4251.9	3655.1	3064.1
-30°	8153.7	7648.8	7149.6	6610.2	6053.6	5479.8	4917.5	4251.9	3729.7	3253.5	2754.3
-32.5°	6931.5	6478.2	6076.6	5674.9	5192.9	4722.4	4223.2	3729.7	3293.6	2874.7	2455.9
-35°	5858.5	5376.5	5152.7	4831.4	4447.0	4022.4	3615.0	3270.7	2920.7	2541.9	2169.0
-37.5°	4929.0	4619.1	4355.2	4114.2	3810.0	3442.8	3150.2	2869.0	2576.4	2232.1	1910.8
-40°	4200.2	3976.4	3712.5	3534.6	3287.9	3023.9	2731.3	2496.0	2249.3	1968.1	1704.2
-42.5°	3615.0	3431.3	3259.2	3069.8	2886.2	2662.4	2410.0	2186.2	1962.4	1755.8	1537.8
-45°	3133.0	3001.0	2863.3	2708.3	2547.7	2352.6	2146.0	1916.5	1755.8	1572.2	1388.6
-47.5°	2737.0	2639.5	2524.7	2404.2	2266.5	2094.4	1905.0	1738.6	1572.2	1417.3	1239.4
-50°	2421.4	2329.6	2237.8	2134.5	2014.0	1864.9	1721.4	1566.5	1411.6	1262.4	1096.0
-52.5°	2157.5	2077.2	2002.6	1916.5	1801.7	1675.5	1543.5	1405.8	1262.4	1113.2	981.2
-55°	1973.9	1882.1	1807.5	1721.4	1618.1	1497.6	1377.1	1250.9	1113.2	998.4	889.4
-57.5°	1824.7	1721.4	1635.3	1543.5	1440.2	1337.0	1227.9	1113.2	1009.9	900.9	797.6
-60°	1698.5	1578.0	1480.4	1388.6	1291.1	1193.5	1101.7	1004.2	906.6	809.1	705.8
-62.5°	1566.5	1440.2	1319.7	1233.7	1159.1	1073.0	992.7	900.9	814.8	717.3	642.7
-65°	1417.3	1296.8	1182.0	1107.4	1038.6	964.0	889.4	809.1	734.5	659.9	591.0
-67.5°	1250.9	1147.6	1067.3	998.4	929.6	866.4	797.6	728.7	665.6	591.0	522.2
-70°	1050.1	992.7	946.8	895.1	832.0	774.6	711.5	648.4	579.5	516.4	453.3
-72.5°	895.1	860.7	826.3	774.6	717.3	665.6	614.0	556.6	499.2	441.8	390.2
-75°	734.5	705.8	677.1	642.7	596.8	556.6	510.7	459.0	413.1	373.0	332.8
-77.5°	591.0	568.1	550.9	522.2	487.7	453.3	424.6	390.2	355.8	315.6	275.4
-80°	470.5	459.0	453.3	441.8	413.1	384.4	361.5	332.8	298.4	269.7	241.0
-82.5°	367.2	367.2	361.5	355.8	332.8	309.9	292.6	269.7	246.7	223.8	195.1
-85°	269.7	263.9	263.9	258.2	241.0	229.5	212.3	200.8	183.6	160.7	149.2
-87.5°	160.7	154.9	149.2	143.5	132.0	126.2	114.8	109.0	97.5	86.1	80.3
-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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CATALOG NUMBER: IFLD-L-SA7D-940-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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	0.0	0.0
85°	17.2	11.5	11.5	11.5	11.5	11.5	5.7	5.7	5.7	5.7	5.7
82.5°	34.4	34.4	28.7	28.7	23.0	17.2	11.5	11.5	11.5	5.7	5.7
80°	51.6	51.6	51.6	45.9	40.2	28.7	23.0	17.2	11.5	5.7	5.7
77.5°	63.1	57.4	57.4	51.6	51.6	45.9	34.4	28.7	17.2	11.5	5.7
75°	63.1	63.1	63.1	57.4	57.4	51.6	45.9	34.4	28.7	17.2	11.5
72.5°	68.9	63.1	63.1	63.1	57.4	51.6	45.9	40.2	34.4	23.0	11.5
70°	63.1	63.1	63.1	63.1	57.4	57.4	45.9	40.2	40.2	23.0	17.2
67.5°	63.1	63.1	63.1	57.4	57.4	51.6	45.9	40.2	40.2	28.7	17.2
65°	68.9	63.1	63.1	63.1	57.4	51.6	45.9	40.2	40.2	34.4	23.0
62.5°	74.6	68.9	68.9	63.1	57.4	51.6	45.9	40.2	40.2	34.4	23.0
60°	80.3	74.6	68.9	68.9	63.1	57.4	45.9	45.9	40.2	34.4	23.0
57.5°	86.1	80.3	80.3	74.6	68.9	63.1	51.6	45.9	40.2	34.4	28.7
55°	103.3	91.8	86.1	86.1	80.3	68.9	57.4	45.9	40.2	34.4	28.7
52.5°	137.7	109.0	97.5	97.5	91.8	80.3	63.1	51.6	40.2	34.4	28.7
50°	218.0	137.7	114.8	103.3	103.3	91.8	74.6	57.4	40.2	34.4	28.7
47.5°	344.3	229.5	137.7	120.5	114.8	109.0	86.1	57.4	45.9	34.4	28.7
45°	568.1	338.5	223.8	143.5	120.5	114.8	97.5	63.1	45.9	40.2	28.7
42.5°	780.4	527.9	344.3	172.1	143.5	126.2	103.3	68.9	51.6	40.2	28.7
40°	1227.9	723.0	482.0	281.2	166.4	132.0	114.8	80.3	51.6	40.2	28.7
37.5°	1664.0	958.2	648.4	413.1	189.4	149.2	120.5	86.1	57.4	40.2	34.4
35°	2100.1	1342.7	803.3	550.9	252.5	177.9	126.2	91.8	57.4	40.2	34.4
32.5°	2490.3	1704.2	964.0	688.6	378.7	212.3	137.7	97.5	63.1	45.9	34.4
30°	2811.6	2037.0	1250.9	809.1	493.5	258.2	149.2	97.5	68.9	45.9	34.4
27.5°	3052.6	2295.2	1543.5	935.3	591.0	304.1	172.1	109.0	68.9	45.9	34.4
25°	3247.7	2496.0	1801.7	1067.3	677.1	378.7	206.6	114.8	74.6	51.6	34.4
22.5°	3402.6	2662.4	2014.0	1245.2	780.4	453.3	252.5	126.2	74.6	51.6	34.4
20°	3615.0	2828.8	2157.5	1434.5	889.4	522.2	292.6	137.7	74.6	51.6	40.2
17.5°	3798.6	2995.2	2272.3	1595.2	998.4	573.8	338.5	149.2	80.3	51.6	40.2
15°	4010.9	3155.9	2375.5	1721.4	1101.7	619.7	378.7	160.7	80.3	57.4	40.2
12.5°	4240.4	3305.1	2450.1	1824.7	1210.7	659.9	413.1	183.6	86.1	57.4	40.2
10°	4475.7	3431.3	2513.3	1899.3	1291.1	700.0	436.1	206.6	91.8	57.4	40.2
7.5°	4710.9	3546.1	2593.6	1933.7	1325.5	745.9	447.6	229.5	91.8	63.1	40.2
5°	4871.6	3620.7	2708.3	1956.7	1342.7	797.6	464.8	258.2	97.5	63.1	40.2
2.5°	5009.3	3666.6	2828.8	1973.9	1348.4	826.3	459.0	275.4	103.3	63.1	40.2
0°	5072.4	3666.6	2909.2	1962.4	1331.2	855.0	459.0	292.6	103.3	63.1	40.2
-2.5°	4974.9	3769.9	2886.2	1968.1	1337.0	855.0	482.0	298.4	114.8	68.9	40.2
-5°	4819.9	3810.0	2817.4	1939.5	1325.5	855.0	510.7	304.1	120.5	68.9	45.9
-7.5°	4670.7	3827.3	2737.0	1910.8	1308.3	832.0	516.4	298.4	132.0	74.6	45.9
-10°	4475.7	3637.9	2633.8	1859.1	1273.8	814.8	527.9	298.4	137.7	74.6	45.9
-12.5°	4251.9	3408.4	2507.5	1784.5	1233.7	797.6	533.6	298.4	143.5	80.3	45.9
-15°	3993.7	3173.1	2364.1	1704.2	1176.3	774.6	522.2	292.6	149.2	80.3	51.6
-17.5°	3701.0	2943.6	2214.9	1606.6	1113.2	745.9	499.2	286.9	149.2	80.3	51.6
-20°	3368.2	2714.1	2048.5	1509.1	1038.6	711.5	476.3	275.4	149.2	80.3	51.6

REPORT NUMBER: P722736

CATALOG NUMBER: IFLD-L-SA7D-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3069.8	2501.8	1876.3	1400.1	958.2	671.3	447.6	263.9	149.2	86.1	51.6
-25°	2823.1	2295.2	1744.4	1291.1	872.2	625.4	418.9	252.5	149.2	86.1	51.6
-27.5°	2564.9	2071.4	1606.6	1187.8	814.8	585.3	390.2	241.0	143.5	86.1	51.6
-30°	2300.9	1853.4	1463.2	1073.0	757.4	545.1	367.2	223.8	143.5	86.1	51.6
-32.5°	2059.9	1675.5	1331.2	958.2	694.3	504.9	344.3	218.0	137.7	86.1	51.6
-35°	1824.7	1514.8	1193.5	866.4	625.4	464.8	321.3	212.3	137.7	86.1	51.6
-37.5°	1629.6	1365.6	1067.3	803.3	585.3	430.4	298.4	200.8	132.0	86.1	51.6
-40°	1468.9	1227.9	946.8	734.5	550.9	395.9	275.4	195.1	132.0	86.1	51.6
-42.5°	1319.7	1096.0	872.2	677.1	516.4	373.0	258.2	189.4	126.2	86.1	51.6
-45°	1187.8	981.2	797.6	625.4	476.3	344.3	246.7	177.9	120.5	86.1	57.4
-47.5°	1055.8	900.9	728.7	579.5	436.1	309.9	235.3	172.1	114.8	80.3	57.4
-50°	952.5	814.8	671.3	527.9	395.9	298.4	223.8	160.7	114.8	80.3	57.4
-52.5°	860.7	734.5	608.2	476.3	361.5	281.2	212.3	149.2	109.0	80.3	57.4
-55°	774.6	659.9	545.1	424.6	338.5	263.9	195.1	137.7	109.0	80.3	57.4
-57.5°	688.6	591.0	482.0	384.4	309.9	246.7	183.6	137.7	109.0	80.3	57.4
-60°	619.7	527.9	436.1	355.8	286.9	223.8	166.4	132.0	103.3	80.3	57.4
-62.5°	562.3	476.3	395.9	321.3	263.9	200.8	160.7	132.0	103.3	80.3	51.6
-65°	504.9	430.4	355.8	292.6	235.3	189.4	154.9	126.2	103.3	80.3	51.6
-67.5°	447.6	378.7	321.3	258.2	218.0	183.6	149.2	126.2	97.5	74.6	51.6
-70°	390.2	332.8	281.2	241.0	206.6	172.1	143.5	120.5	97.5	68.9	45.9
-72.5°	344.3	292.6	252.5	223.8	195.1	166.4	137.7	114.8	91.8	63.1	40.2
-75°	292.6	258.2	229.5	200.8	177.9	154.9	132.0	103.3	80.3	57.4	40.2
-77.5°	246.7	223.8	200.8	183.6	160.7	137.7	114.8	91.8	74.6	51.6	34.4
-80°	212.3	195.1	177.9	160.7	143.5	120.5	103.3	80.3	63.1	45.9	28.7
-82.5°	172.1	160.7	143.5	132.0	120.5	103.3	86.1	68.9	45.9	34.4	23.0
-85°	132.0	120.5	114.8	103.3	91.8	74.6	57.4	45.9	34.4	23.0	11.5
-87.5°	68.9	63.1	57.4	51.6	45.9	34.4	28.7	23.0	17.2	11.5	5.7
-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: P722736

CATALOG NUMBER: IFLD-L-SA7D-940-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°	5.7	0.0	0.0	0.0
77.5°	5.7	0.0	0.0	0.0
75°	5.7	5.7	0.0	0.0
72.5°	5.7	5.7	0.0	0.0
70°	5.7	5.7	0.0	0.0
67.5°	11.5	5.7	0.0	0.0
65°	11.5	5.7	0.0	0.0
62.5°	11.5	5.7	0.0	0.0
60°	11.5	5.7	0.0	0.0
57.5°	17.2	5.7	5.7	0.0
55°	17.2	5.7	5.7	0.0
52.5°	17.2	5.7	5.7	0.0
50°	17.2	11.5	5.7	0.0
47.5°	17.2	11.5	5.7	0.0
45°	17.2	11.5	5.7	0.0
42.5°	17.2	11.5	5.7	0.0
40°	23.0	11.5	5.7	0.0
37.5°	23.0	11.5	5.7	0.0
35°	23.0	11.5	5.7	0.0
32.5°	23.0	11.5	5.7	0.0
30°	23.0	11.5	5.7	0.0
27.5°	23.0	17.2	5.7	0.0
25°	23.0	17.2	5.7	0.0
22.5°	28.7	17.2	5.7	0.0
20°	28.7	17.2	5.7	0.0
17.5°	28.7	17.2	5.7	0.0
15°	28.7	17.2	5.7	0.0
12.5°	28.7	17.2	5.7	0.0
10°	28.7	17.2	5.7	0.0
7.5°	28.7	17.2	5.7	0.0
5°	28.7	17.2	5.7	0.0
2.5°	28.7	17.2	5.7	0.0
0°	28.7	17.2	5.7	0.0
-2.5°	28.7	17.2	5.7	0.0
-5°	28.7	17.2	5.7	0.0
-7.5°	28.7	17.2	5.7	0.0
-10°	28.7	17.2	5.7	0.0
-12.5°	34.4	17.2	5.7	0.0
-15°	34.4	17.2	5.7	0.0
-17.5°	34.4	17.2	5.7	0.0
-20°	34.4	17.2	5.7	0.0



REPORT NUMBER: P722736

CATALOG NUMBER: IFLD-L-SA7D-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	34.4	17.2	5.7	0.0
-25°	34.4	17.2	5.7	0.0
-27.5°	34.4	17.2	5.7	0.0
-30°	34.4	17.2	5.7	0.0
-32.5°	34.4	17.2	5.7	0.0
-35°	34.4	17.2	5.7	0.0
-37.5°	34.4	17.2	5.7	0.0
-40°	34.4	17.2	5.7	0.0
-42.5°	28.7	17.2	5.7	0.0
-45°	34.4	17.2	5.7	0.0
-47.5°	34.4	17.2	5.7	0.0
-50°	34.4	17.2	5.7	0.0
-52.5°	34.4	17.2	5.7	0.0
-55°	34.4	17.2	5.7	0.0
-57.5°	34.4	17.2	5.7	0.0
-60°	34.4	17.2	5.7	0.0
-62.5°	28.7	17.2	5.7	0.0
-65°	28.7	11.5	5.7	0.0
-67.5°	28.7	11.5	5.7	0.0
-70°	28.7	11.5	5.7	0.0
-72.5°	23.0	11.5	5.7	0.0
-75°	23.0	11.5	5.7	0.0
-77.5°	17.2	5.7	0.0	0.0
-80°	17.2	5.7	0.0	0.0
-82.5°	11.5	5.7	0.0	0.0
-85°	5.7	5.7	0.0	0.0
-87.5°	5.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)