

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: P722418

Luminaire Tested: **IFLD-L-SA7E-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722418
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	48274 lumens	Max Intensity:	33700.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	90.6 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:	30796.7 lumens	Field Lumens:	45511.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

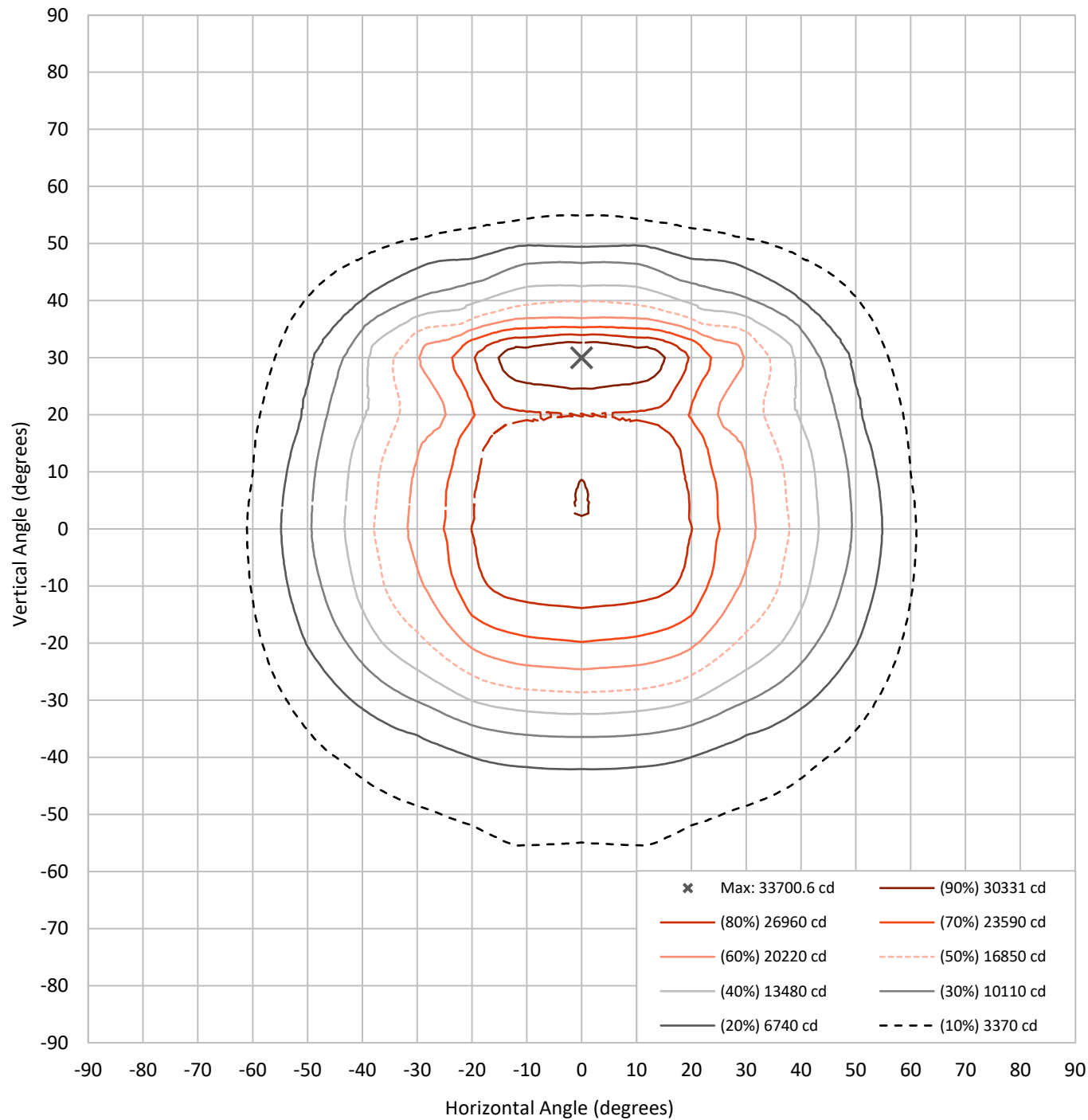
Input Watts (W): 532.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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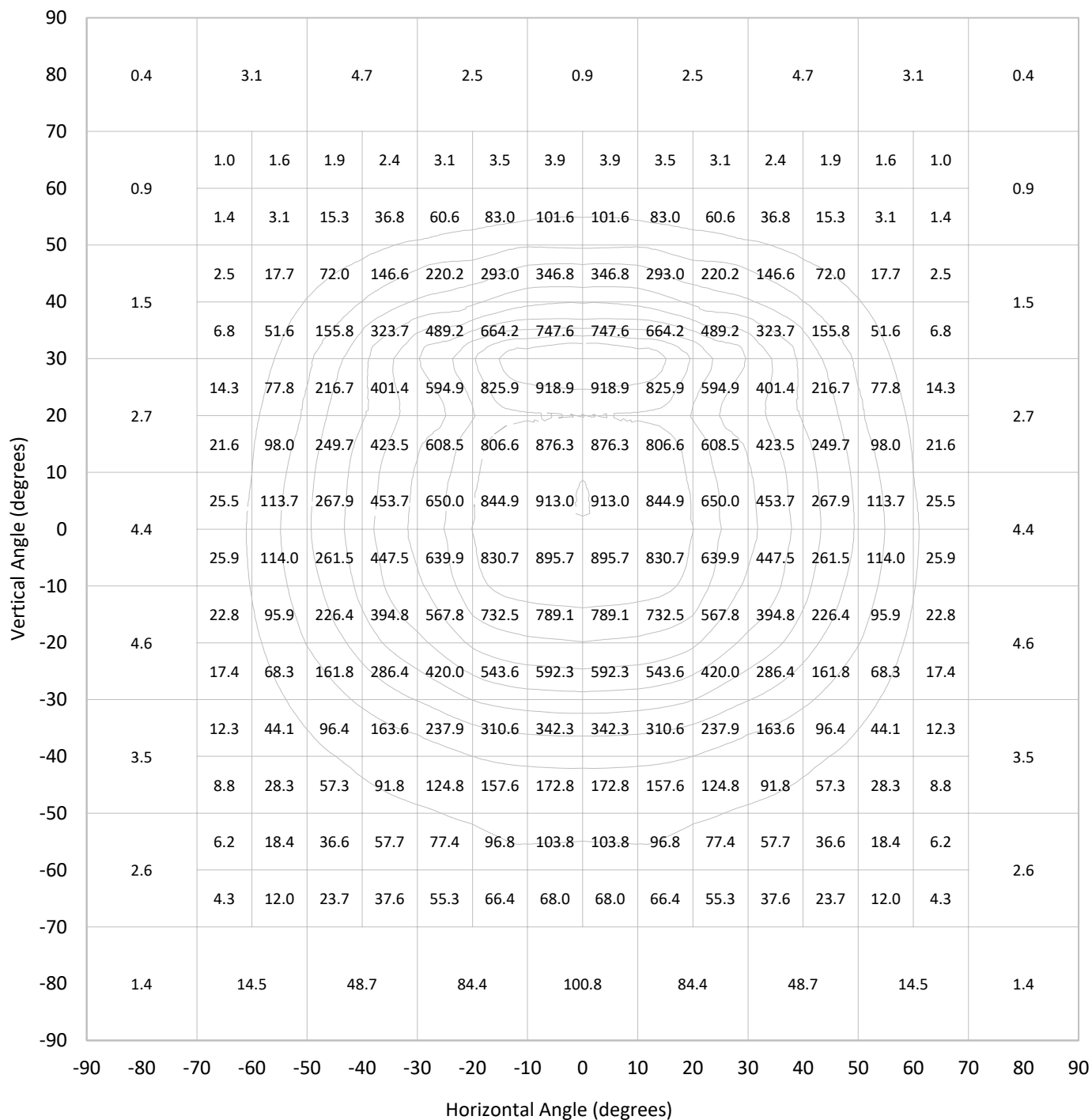
Iso-Candela Plot



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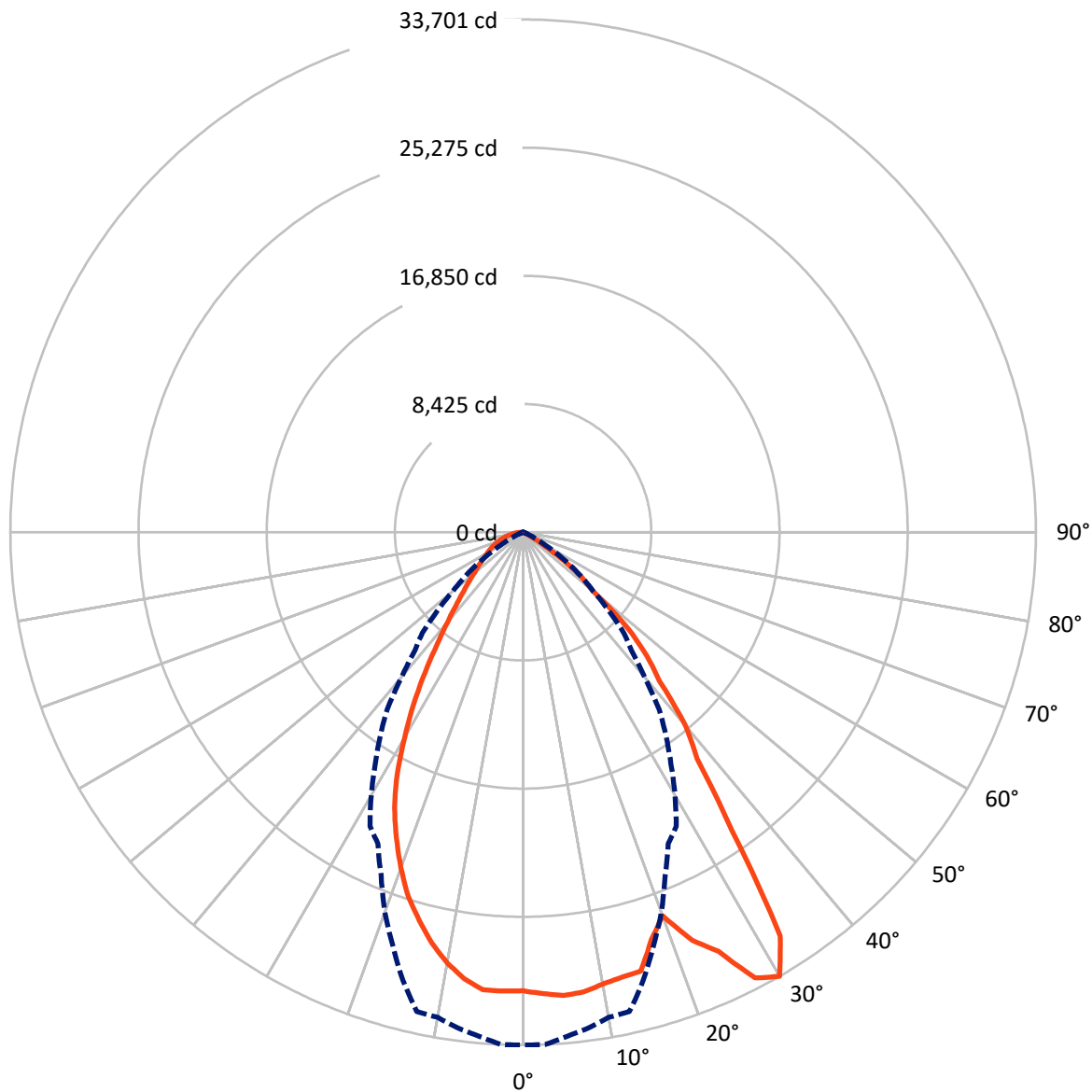
Lumen Table



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Luminous Intensity Polar Plot



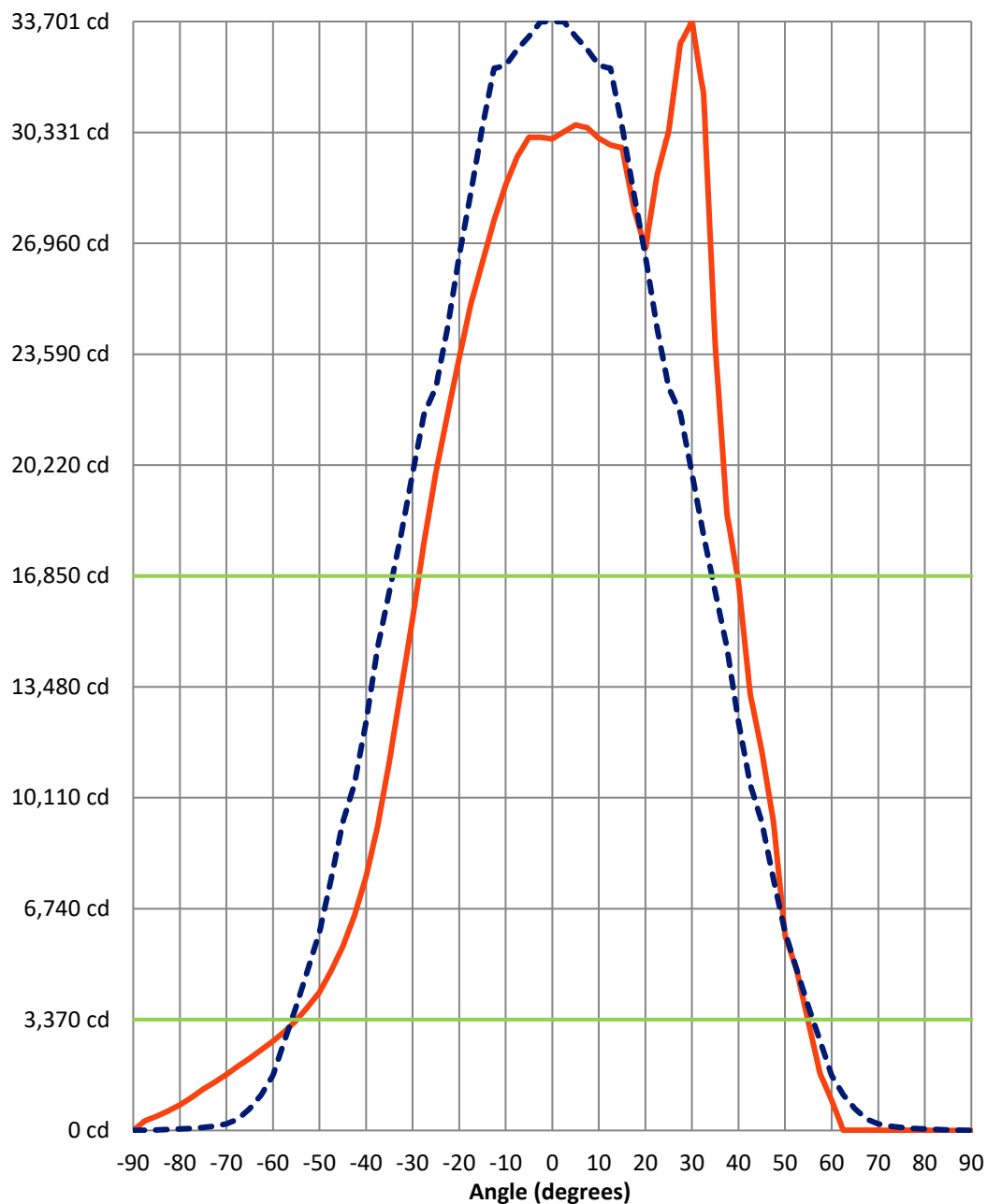
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 30796.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 45511.5

Efficiency: 94.3%

Spill:

Lumens: 2762.5

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	7.7	7.7	7.7	7.7	7.7	7.7	7.7
85°	0.0	7.7	7.7	7.7	15.4	15.4	15.4	15.4	15.4	15.4	23.1
82.5°	0.0	7.7	7.7	7.7	15.4	15.4	15.4	15.4	23.1	23.1	30.7
80°	7.7	7.7	7.7	7.7	15.4	15.4	15.4	23.1	23.1	30.7	30.7
77.5°	7.7	7.7	7.7	15.4	15.4	15.4	23.1	23.1	30.7	30.7	38.4
75°	7.7	7.7	7.7	15.4	15.4	23.1	23.1	23.1	30.7	30.7	38.4
72.5°	0.0	7.7	7.7	15.4	15.4	23.1	23.1	23.1	30.7	30.7	30.7
70°	7.7	7.7	7.7	15.4	15.4	23.1	23.1	23.1	30.7	30.7	30.7
67.5°	7.7	7.7	7.7	15.4	15.4	23.1	23.1	30.7	30.7	30.7	38.4
65°	7.7	7.7	7.7	15.4	23.1	23.1	30.7	38.4	38.4	46.1	53.8
62.5°	7.7	15.4	15.4	23.1	30.7	38.4	84.5	130.7	130.7	92.2	76.9
60°	914.6	991.4	983.7	891.5	776.2	653.3	630.2	607.1	561.0	491.9	514.9
57.5°	1736.9	1829.1	1867.6	1844.5	1783.0	1675.4	1613.9	1544.8	1452.5	1344.9	1222.0
55°	3289.4	3327.8	3243.2	3081.9	2905.1	2728.3	2666.8	2574.6	2436.3	2297.9	2113.5
52.5°	4864.9	4995.5	4957.1	4795.7	4557.5	4242.4	3896.5	3627.5	3466.1	3312.4	3128.0
50°	5940.8	5994.6	6102.2	6294.4	6363.5	6148.3	5587.3	4864.9	4349.9	4611.3	4411.4
47.5°	9376.2	9645.2	9591.4	9453.1	9222.5	8638.4	7854.5	7208.9	6670.9	6494.2	6524.9
45°	11520.5	11628.0	11589.6	11528.1	11420.5	10874.9	10006.4	9015.0	8515.4	8315.6	8108.1
42.5°	13280.4	13395.7	13418.7	13426.4	13311.2	12811.6	12027.7	11036.3	10536.7	9960.3	9506.9
40°	16638.9	16808.0	16615.9	16362.3	15978.0	15409.3	14640.7	13726.2	12842.3	12135.3	11597.3
37.5°	18783.2	18990.7	19067.5	19052.2	18967.6	18721.7	17776.4	16907.9	15555.3	13972.1	14256.5
35°	23870.9	24086.1	24024.6	23794.1	23671.1	23409.8	22487.6	21457.7	19759.2	18037.7	17576.6
32.5°	31456.4	31925.3	31049.1	30088.4	29496.7	29704.2	28766.5	26245.7	25461.8	22356.9	20919.7
30°	33700.6	33692.9	33247.1	32855.2	32371.0	32271.1	30503.4	28489.9	26568.5	24393.5	22579.8
27.5°	33016.6	32878.2	32501.7	32217.3	31763.9	31525.6	29796.4	28197.8	25976.7	24032.3	22280.0
25°	30380.5	30488.1	30103.8	30050.0	29873.2	29412.1	28551.3	26753.0	24770.1	22618.2	21357.8
22.5°	29020.2	28981.7	28520.6	28251.6	28466.8	27974.9	27629.1	25815.3	23748.0	21934.2	20420.2
20°	26806.8	26814.4	26699.2	26676.1	26545.5	26322.6	26045.9	24762.4	23302.2	21749.7	19928.3
17.5°	28044.1	28359.2	28497.6	27352.4	27675.2	27421.6	27129.5	25338.8	24239.8	22864.1	20489.3
15°	29857.9	29742.6	29604.3	29542.8	29366.0	29127.8	28597.5	27168.0	25277.4	23855.6	22003.4
12.5°	29950.1	29727.2	29673.4	29665.7	29481.3	29150.8	28635.9	27452.3	25776.9	24047.7	22541.3
10°	30149.9	29919.4	29888.6	29927.0	29642.7	29435.2	28920.2	27821.2	25930.6	24378.2	22956.4
7.5°	30472.7	30088.4	30265.2	30149.9	30019.3	29688.8	29135.4	28059.5	26491.7	24816.2	23325.3
5°	30557.2	30134.5	30326.7	30219.1	30027.0	29704.2	29104.7	28213.2	26837.5	24993.0	23471.3
2.5°	30349.7	30226.8	30142.2	29942.4	29857.9	29504.3	28935.6	27982.6	26676.1	24916.1	23440.5
0°	30134.5	30242.1	30050.0	29850.2	29811.8	29527.4	29043.2	28182.4	27052.7	25131.3	23701.8
-2.5°	30180.7	30096.1	29965.5	29758.0	29558.1	29150.8	28712.7	27905.8	26691.5	24662.5	23332.9
-5°	30180.7	29788.7	29804.1	29811.8	29611.9	29189.2	28658.9	27974.9	26476.3	24654.8	23225.4
-7.5°	29596.6	29258.4	29204.6	29158.5	29104.7	28712.7	28297.7	27444.6	26115.1	24455.0	22925.6
-10°	28735.8	28405.3	28436.1	28366.9	28197.8	27936.5	27621.4	26852.9	25761.5	23824.8	22318.5
-12.5°	27659.8	27513.8	27429.3	27314.0	27144.9	26914.4	26591.6	25869.1	24701.0	23048.6	21619.1
-15°	26384.1	26276.5	26199.6	26130.4	25884.5	25646.3	25223.6	24554.9	23824.8	22049.5	20589.3
-17.5°	25108.3	24839.3	24731.7	24639.5	24478.1	24093.8	23709.5	23210.0	22187.8	20781.4	19528.7
-20°	23471.3	23309.9	23179.2	23056.3	22825.7	22526.0	22210.9	21634.5	20750.6	19613.2	18314.4

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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°	21757.4	21665.2	21557.6	21403.9	21250.2	20965.8	20527.8	19974.4	19282.7	18053.1	16838.8
-25°	19989.8	19813.0	19682.4	19536.3	19413.4	19152.1	18729.4	18199.1	17330.6	16270.0	15255.6
-27.5°	17907.0	17738.0	17668.8	17499.7	17392.1	17153.9	16731.2	16239.3	15455.4	14563.9	13534.0
-30°	15555.3	15586.0	15509.2	15347.8	15217.1	14909.7	14586.9	14171.9	13557.1	12704.0	11781.8
-32.5°	13380.3	13418.7	13326.5	13157.4	12988.4	12765.5	12465.8	12089.2	11628.0	10813.4	10014.1
-35°	11205.3	11190.0	11113.1	11013.2	10897.9	10713.5	10375.3	10091.0	9560.7	8991.9	8438.6
-37.5°	9253.3	9291.7	9268.6	9214.8	9084.2	8930.5	8653.8	8392.5	8000.5	7501.0	7070.6
-40°	7708.5	7754.6	7723.9	7670.1	7554.8	7462.5	7278.1	7047.5	6732.4	6302.0	5940.8
-42.5°	6524.9	6555.7	6517.2	6471.1	6371.2	6302.0	6156.0	5963.9	5702.6	5372.1	5049.3
-45°	5587.3	5595.0	5556.6	5525.8	5449.0	5364.4	5241.5	5087.8	4880.2	4649.7	4388.4
-47.5°	4849.5	4841.8	4803.4	4772.6	4711.2	4634.3	4534.4	4396.1	4234.7	4057.9	3850.4
-50°	4203.9	4242.4	4227.0	4196.2	4150.1	4096.3	3996.4	3850.4	3689.0	3558.4	3412.3
-52.5°	3758.2	3765.9	3758.2	3758.2	3750.5	3712.1	3596.8	3450.8	3274.0	3158.7	3035.7
-55°	3343.2	3381.6	3397.0	3412.3	3420.0	3420.0	3281.7	3128.0	2958.9	2843.6	2751.4
-57.5°	3005.0	3028.1	3043.4	3081.9	3112.6	3135.7	3012.7	2874.3	2743.7	2636.1	2551.6
-60°	2713.0	2743.7	2766.8	2805.2	2828.2	2843.6	2766.8	2674.5	2597.7	2528.5	2405.5
-62.5°	2451.7	2474.7	2497.8	2520.8	2543.9	2559.2	2528.5	2482.4	2444.0	2413.2	2259.5
-65°	2190.3	2213.4	2236.5	2267.2	2290.3	2305.6	2297.9	2267.2	2236.5	2205.7	2067.4
-67.5°	1952.1	1975.2	2005.9	2013.6	2029.0	2036.6	2021.3	1998.2	1959.8	1921.4	1813.8
-70°	1698.5	1713.8	1729.2	1729.2	1729.2	1721.5	1706.2	1675.4	1637.0	1583.2	1498.7
-72.5°	1467.9	1483.3	1498.7	1475.6	1460.2	1437.2	1414.1	1375.7	1337.3	1298.8	1252.7
-75°	1252.7	1260.4	1260.4	1229.7	1206.6	1183.6	1152.8	1129.8	1091.3	1060.6	1022.2
-77.5°	999.1	999.1	999.1	976.0	960.7	945.3	922.3	899.2	868.5	845.4	814.7
-80°	776.2	776.2	776.2	768.5	745.5	730.1	714.7	699.4	676.3	660.9	645.6
-82.5°	591.8	591.8	591.8	584.1	568.7	561.0	545.7	530.3	522.6	507.2	499.6
-85°	430.4	438.1	438.1	430.4	422.7	407.3	399.6	392.0	384.3	376.6	361.2
-87.5°	292.0	292.0	292.0	284.4	276.7	276.7	269.0	253.6	238.2	230.6	222.9
-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°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
85°	23.1	23.1	23.1	30.7	30.7	30.7	30.7	30.7	30.7	30.7	23.1
82.5°	38.4	38.4	46.1	46.1	53.8	53.8	53.8	53.8	53.8	53.8	53.8
80°	38.4	46.1	53.8	61.5	69.2	76.9	76.9	76.9	76.9	69.2	69.2
77.5°	46.1	46.1	53.8	61.5	69.2	76.9	84.5	92.2	84.5	84.5	84.5
75°	46.1	53.8	53.8	61.5	69.2	76.9	84.5	92.2	92.2	92.2	92.2
72.5°	38.4	46.1	53.8	61.5	61.5	69.2	76.9	76.9	84.5	84.5	92.2
70°	38.4	46.1	53.8	53.8	61.5	61.5	69.2	76.9	76.9	84.5	84.5
67.5°	46.1	53.8	53.8	61.5	69.2	69.2	69.2	76.9	76.9	84.5	84.5
65°	53.8	61.5	61.5	69.2	76.9	76.9	84.5	84.5	84.5	92.2	92.2
62.5°	92.2	92.2	92.2	84.5	92.2	92.2	92.2	99.9	99.9	92.2	99.9
60°	476.5	345.8	238.2	299.7	269.0	123.0	123.0	123.0	115.3	115.3	107.6
57.5°	1122.1	1045.2	899.2	760.9	684.0	607.1	376.6	153.7	153.7	138.3	123.0
55°	1875.2	1621.6	1514.0	1329.6	1129.8	1037.5	860.8	584.1	276.7	184.5	161.4
52.5°	2905.1	2666.8	2390.2	2013.6	1744.6	1529.4	1383.4	1099.0	737.8	392.0	245.9
50°	3888.8	3781.2	3612.1	3243.2	2682.2	2321.0	2082.7	1760.0	1321.9	807.0	461.1
47.5°	6263.6	5364.4	4818.8	4534.4	4065.6	3381.6	2920.5	2559.2	2029.0	1360.3	814.7
45°	7885.2	7316.5	6448.1	5848.6	5156.9	4434.5	3835.0	3420.0	2789.8	2036.6	1275.8
42.5°	9276.3	8784.4	8000.5	7124.4	6394.3	5449.0	4680.4	4134.8	3604.5	2782.1	1906.0
40°	11067.0	10482.9	9729.7	8876.7	8023.6	6817.0	5571.9	4911.0	4326.9	3596.8	2574.6
37.5°	14018.2	12988.4	11758.7	10813.4	9699.0	8676.8	6970.7	5802.5	5110.8	4349.9	3358.5
35°	17568.9	16439.1	14387.1	13134.4	11643.4	10121.7	8584.6	6855.4	5871.7	5064.7	4081.0
32.5°	20873.6	19221.2	16592.8	15124.9	14133.5	11328.3	9737.4	8238.8	6655.6	5664.2	4496.0
30°	21788.2	19966.7	18083.8	16370.0	14679.2	12412.0	10529.0	9360.8	7639.3	6025.4	4887.9
27.5°	20865.9	19613.2	18153.0	16562.1	14733.0	12788.5	11013.2	9898.8	8361.7	6271.3	5195.3
25°	19928.3	18621.8	17599.6	16270.0	14579.2	12765.5	11028.6	10237.0	8922.8	6747.8	5364.4
22.5°	18936.9	18122.2	17276.8	15793.5	14195.0	12834.7	11528.1	10529.0	9214.8	7285.8	5433.6
20°	18990.7	18460.4	17530.5	15547.6	14125.8	13242.0	12127.6	10897.9	9529.9	7754.6	5487.4
17.5°	19851.4	19159.8	17991.6	16270.0	14748.3	13657.0	12627.2	11405.2	9852.7	8169.6	6140.7
15°	20912.0	19859.1	18637.2	17123.1	15401.6	14110.4	13011.4	11758.7	10221.6	8553.9	6724.7
12.5°	21680.6	20181.9	19036.8	17668.8	16108.6	14602.3	13265.0	12027.7	10567.5	8869.0	7162.8
10°	21941.9	20581.6	19228.9	18006.9	16469.9	14863.6	13457.2	12196.8	10867.2	9114.9	7485.6
7.5°	22080.2	20927.4	19359.6	18160.7	16685.1	15025.0	13610.9	12289.0	11105.4	9284.0	7693.1
5°	22064.9	21111.9	19459.5	18206.8	16800.3	15094.2	13718.5	12312.0	11274.5	9430.0	7816.1
2.5°	21995.7	21234.8	19620.9	18283.6	17030.9	15224.8	13926.0	12358.2	11336.0	9591.4	7900.6
0°	22249.3	21242.5	19790.0	18306.7	17184.6	15270.9	14018.2	12319.7	11251.5	9637.5	7892.9
-2.5°	21703.6	20789.1	19751.5	18106.9	16977.1	15163.3	13849.1	12196.8	11067.0	9583.7	7862.2
-5°	21611.4	20458.6	19428.8	17922.4	16631.3	14940.5	13534.0	11966.2	10775.0	9407.0	7739.2
-7.5°	21365.5	20143.5	19113.6	17776.4	16308.5	14709.9	13234.3	11728.0	10459.9	9130.3	7562.5
-10°	20827.5	19659.3	18775.5	17461.3	15916.5	14379.4	12873.1	11412.9	10091.0	8753.7	7285.8
-12.5°	20059.0	18890.8	18014.6	16792.7	15424.6	13933.7	12442.7	11005.5	9668.3	8354.1	6955.3
-15°	19190.5	18006.9	17130.8	16016.4	14694.5	13242.0	11897.0	10490.6	9184.1	7931.4	6563.4
-17.5°	18206.8	17084.7	16239.3	15155.7	13841.4	12458.1	11120.8	9845.0	8623.0	7493.3	6109.9
-20°	17069.3	15978.0	15201.8	14118.1	12911.5	11566.6	10267.7	9061.1	7962.1	6901.5	5610.4

REPORT NUMBER: P722418

CATALOG NUMBER: IFLD-L-SA7E-727-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°	15662.9	14702.2	13818.4	12850.0	11797.1	10567.5	9360.8	8292.6	7239.7	6202.1	5095.4
-25°	14225.7	13295.8	12435.0	11551.2	10544.4	9483.8	8454.0	7485.6	6455.8	5518.1	4595.9
-27.5°	12627.2	11797.1	11028.6	10213.9	9291.7	8377.1	7531.7	6586.4	5694.9	4895.6	4104.0
-30°	10921.0	10244.7	9576.0	8853.6	8108.1	7339.6	6586.4	5694.9	4995.5	4357.6	3689.0
-32.5°	9284.0	8676.8	8138.9	7600.9	6955.3	6325.1	5656.5	4995.5	4411.4	3850.4	3289.4
-35°	7846.8	7201.2	6901.5	6471.1	5956.2	5387.5	4841.8	4380.7	3911.9	3404.6	2905.1
-37.5°	6601.8	6186.8	5833.2	5510.4	5103.1	4611.3	4219.3	3842.7	3450.8	2989.6	2559.2
-40°	5625.7	5326.0	4972.5	4734.2	4403.7	4050.2	3658.3	3343.2	3012.7	2636.1	2282.6
-42.5°	4841.8	4595.9	4365.3	4111.7	3865.8	3566.0	3227.9	2928.1	2628.4	2351.7	2059.7
-45°	4196.2	4019.5	3835.0	3627.5	3412.3	3151.0	2874.3	2566.9	2351.7	2105.8	1859.9
-47.5°	3665.9	3535.3	3381.6	3220.2	3035.7	2805.2	2551.6	2328.7	2105.8	1898.3	1660.1
-50°	3243.2	3120.3	2997.3	2859.0	2697.6	2497.8	2305.6	2098.1	1890.6	1690.8	1467.9
-52.5°	2889.7	2782.1	2682.2	2566.9	2413.2	2244.1	2067.4	1882.9	1690.8	1491.0	1314.2
-55°	2643.8	2520.8	2420.9	2305.6	2167.3	2005.9	1844.5	1675.4	1491.0	1337.3	1191.2
-57.5°	2444.0	2305.6	2190.3	2067.4	1929.0	1790.7	1644.7	1491.0	1352.6	1206.6	1068.3
-60°	2274.9	2113.5	1982.8	1859.9	1729.2	1598.6	1475.6	1344.9	1214.3	1083.6	945.3
-62.5°	2098.1	1929.0	1767.6	1652.4	1552.5	1437.2	1329.6	1206.6	1091.3	960.7	860.8
-65°	1898.3	1736.9	1583.2	1483.3	1391.1	1291.2	1191.2	1083.6	983.7	883.8	791.6
-67.5°	1675.4	1537.1	1429.5	1337.3	1245.0	1160.5	1068.3	976.0	891.5	791.6	699.4
-70°	1406.4	1329.6	1268.1	1198.9	1114.4	1037.5	953.0	868.5	776.2	691.7	607.1
-72.5°	1198.9	1152.8	1106.7	1037.5	960.7	891.5	822.3	745.5	668.6	591.8	522.6
-75°	983.7	945.3	906.9	860.8	799.3	745.5	684.0	614.8	553.4	499.6	445.8
-77.5°	791.6	760.9	737.8	699.4	653.3	607.1	568.7	522.6	476.5	422.7	368.9
-80°	630.2	614.8	607.1	591.8	553.4	514.9	484.2	445.8	399.6	361.2	322.8
-82.5°	491.9	491.9	484.2	476.5	445.8	415.0	392.0	361.2	330.5	299.7	261.3
-85°	361.2	353.5	353.5	345.8	322.8	307.4	284.4	269.0	245.9	215.2	199.8
-87.5°	215.2	207.5	199.8	192.1	176.8	169.1	153.7	146.0	130.7	115.3	107.6
-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: P722418

CATALOG NUMBER: IFLD-L-SA7E-727-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°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	0.0	0.0
85°	23.1	15.4	15.4	15.4	15.4	15.4	7.7	7.7	7.7	7.7	7.7
82.5°	46.1	46.1	38.4	38.4	30.7	23.1	15.4	15.4	15.4	7.7	7.7
80°	69.2	69.2	69.2	61.5	53.8	38.4	30.7	23.1	15.4	7.7	7.7
77.5°	84.5	76.9	76.9	69.2	69.2	61.5	46.1	38.4	23.1	15.4	7.7
75°	84.5	84.5	84.5	76.9	76.9	69.2	61.5	46.1	38.4	23.1	15.4
72.5°	92.2	84.5	84.5	84.5	76.9	69.2	61.5	53.8	46.1	30.7	15.4
70°	84.5	84.5	84.5	84.5	76.9	76.9	61.5	53.8	53.8	30.7	23.1
67.5°	84.5	84.5	84.5	76.9	76.9	69.2	61.5	53.8	53.8	38.4	23.1
65°	92.2	84.5	84.5	84.5	76.9	69.2	61.5	53.8	53.8	46.1	30.7
62.5°	99.9	92.2	92.2	84.5	76.9	69.2	61.5	53.8	53.8	46.1	30.7
60°	107.6	99.9	92.2	92.2	84.5	76.9	61.5	61.5	53.8	46.1	30.7
57.5°	115.3	107.6	107.6	99.9	92.2	84.5	69.2	61.5	53.8	46.1	38.4
55°	138.3	123.0	115.3	115.3	107.6	92.2	76.9	61.5	53.8	46.1	38.4
52.5°	184.5	146.0	130.7	130.7	123.0	107.6	84.5	69.2	53.8	46.1	38.4
50°	292.0	184.5	153.7	138.3	138.3	123.0	99.9	76.9	53.8	46.1	38.4
47.5°	461.1	307.4	184.5	161.4	153.7	146.0	115.3	76.9	61.5	46.1	38.4
45°	760.9	453.4	299.7	192.1	161.4	153.7	130.7	84.5	61.5	53.8	38.4
42.5°	1045.2	707.1	461.1	230.6	192.1	169.1	138.3	92.2	69.2	53.8	38.4
40°	1644.7	968.4	645.6	376.6	222.9	176.8	153.7	107.6	69.2	53.8	38.4
37.5°	2228.8	1283.5	868.5	553.4	253.6	199.8	161.4	115.3	76.9	53.8	46.1
35°	2812.9	1798.4	1076.0	737.8	338.2	238.2	169.1	123.0	76.9	53.8	46.1
32.5°	3335.5	2282.6	1291.2	922.3	507.2	284.4	184.5	130.7	84.5	61.5	46.1
30°	3765.9	2728.3	1675.4	1083.6	660.9	345.8	199.8	130.7	92.2	61.5	46.1
27.5°	4088.6	3074.2	2067.4	1252.7	791.6	407.3	230.6	146.0	92.2	61.5	46.1
25°	4349.9	3343.2	2413.2	1429.5	906.9	507.2	276.7	153.7	99.9	69.2	46.1
22.5°	4557.5	3566.0	2697.6	1667.7	1045.2	607.1	338.2	169.1	99.9	69.2	46.1
20°	4841.8	3788.9	2889.7	1921.4	1191.2	699.4	392.0	184.5	99.9	69.2	53.8
17.5°	5087.8	4011.8	3043.4	2136.5	1337.3	768.5	453.4	199.8	107.6	69.2	53.8
15°	5372.1	4227.0	3181.8	2305.6	1475.6	830.0	507.2	215.2	107.6	76.9	53.8
12.5°	5679.5	4426.8	3281.7	2444.0	1621.6	883.8	553.4	245.9	115.3	76.9	53.8
10°	5994.6	4595.9	3366.2	2543.9	1729.2	937.6	584.1	276.7	123.0	76.9	53.8
7.5°	6309.7	4749.6	3473.8	2590.0	1775.3	999.1	599.5	307.4	123.0	84.5	53.8
5°	6524.9	4849.5	3627.5	2620.7	1798.4	1068.3	622.5	345.8	130.7	84.5	53.8
2.5°	6709.4	4911.0	3788.9	2643.8	1806.1	1106.7	614.8	368.9	138.3	84.5	53.8
0°	6793.9	4911.0	3896.5	2628.4	1783.0	1145.1	614.8	392.0	138.3	84.5	53.8
-2.5°	6663.3	5049.3	3865.8	2636.1	1790.7	1145.1	645.6	399.6	153.7	92.2	53.8
-5°	6455.8	5103.1	3773.5	2597.7	1775.3	1145.1	684.0	407.3	161.4	92.2	61.5
-7.5°	6255.9	5126.2	3665.9	2559.2	1752.3	1114.4	691.7	399.6	176.8	99.9	61.5
-10°	5994.6	4872.6	3527.6	2490.1	1706.2	1091.3	707.1	399.6	184.5	99.9	61.5
-12.5°	5694.9	4565.1	3358.5	2390.2	1652.4	1068.3	714.7	399.6	192.1	107.6	61.5
-15°	5349.1	4250.0	3166.4	2282.6	1575.5	1037.5	699.4	392.0	199.8	107.6	69.2
-17.5°	4957.1	3942.6	2966.6	2151.9	1491.0	999.1	668.6	384.3	199.8	107.6	69.2
-20°	4511.3	3635.2	2743.7	2021.3	1391.1	953.0	637.9	368.9	199.8	107.6	69.2

REPORT NUMBER: P722418

CATALOG NUMBER: IFLD-L-SA7E-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4111.7	3350.8	2513.1	1875.2	1283.5	899.2	599.5	353.5	199.8	115.3	69.2
-25°	3781.2	3074.2	2336.4	1729.2	1168.2	837.7	561.0	338.2	199.8	115.3	69.2
-27.5°	3435.4	2774.4	2151.9	1590.9	1091.3	783.9	522.6	322.8	192.1	115.3	69.2
-30°	3081.9	2482.4	1959.8	1437.2	1014.5	730.1	491.9	299.7	192.1	115.3	69.2
-32.5°	2759.1	2244.1	1783.0	1283.5	929.9	676.3	461.1	292.0	184.5	115.3	69.2
-35°	2444.0	2029.0	1598.6	1160.5	837.7	622.5	430.4	284.4	184.5	115.3	69.2
-37.5°	2182.7	1829.1	1429.5	1076.0	783.9	576.4	399.6	269.0	176.8	115.3	69.2
-40°	1967.5	1644.7	1268.1	983.7	737.8	530.3	368.9	261.3	176.8	115.3	69.2
-42.5°	1767.6	1467.9	1168.2	906.9	691.7	499.6	345.8	253.6	169.1	115.3	69.2
-45°	1590.9	1314.2	1068.3	837.7	637.9	461.1	330.5	238.2	161.4	115.3	76.9
-47.5°	1414.1	1206.6	976.0	776.2	584.1	415.0	315.1	230.6	153.7	107.6	76.9
-50°	1275.8	1091.3	899.2	707.1	530.3	399.6	299.7	215.2	153.7	107.6	76.9
-52.5°	1152.8	983.7	814.7	637.9	484.2	376.6	284.4	199.8	146.0	107.6	76.9
-55°	1037.5	883.8	730.1	568.7	453.4	353.5	261.3	184.5	146.0	107.6	76.9
-57.5°	922.3	791.6	645.6	514.9	415.0	330.5	245.9	184.5	146.0	107.6	76.9
-60°	830.0	707.1	584.1	476.5	384.3	299.7	222.9	176.8	138.3	107.6	76.9
-62.5°	753.2	637.9	530.3	430.4	353.5	269.0	215.2	176.8	138.3	107.6	69.2
-65°	676.3	576.4	476.5	392.0	315.1	253.6	207.5	169.1	138.3	107.6	69.2
-67.5°	599.5	507.2	430.4	345.8	292.0	245.9	199.8	169.1	130.7	99.9	69.2
-70°	522.6	445.8	376.6	322.8	276.7	230.6	192.1	161.4	130.7	92.2	61.5
-72.5°	461.1	392.0	338.2	299.7	261.3	222.9	184.5	153.7	123.0	84.5	53.8
-75°	392.0	345.8	307.4	269.0	238.2	207.5	176.8	138.3	107.6	76.9	53.8
-77.5°	330.5	299.7	269.0	245.9	215.2	184.5	153.7	123.0	99.9	69.2	46.1
-80°	284.4	261.3	238.2	215.2	192.1	161.4	138.3	107.6	84.5	61.5	38.4
-82.5°	230.6	215.2	192.1	176.8	161.4	138.3	115.3	92.2	61.5	46.1	30.7
-85°	176.8	161.4	153.7	138.3	123.0	99.9	76.9	61.5	46.1	30.7	15.4
-87.5°	92.2	84.5	76.9	69.2	61.5	46.1	38.4	30.7	23.1	15.4	7.7
-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: P722418

CATALOG NUMBER: IFLD-L-SA7E-727-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°	7.7	0.0	0.0	0.0
77.5°	7.7	0.0	0.0	0.0
75°	7.7	7.7	0.0	0.0
72.5°	7.7	7.7	0.0	0.0
70°	7.7	7.7	0.0	0.0
67.5°	15.4	7.7	0.0	0.0
65°	15.4	7.7	0.0	0.0
62.5°	15.4	7.7	0.0	0.0
60°	15.4	7.7	0.0	0.0
57.5°	23.1	7.7	7.7	0.0
55°	23.1	7.7	7.7	0.0
52.5°	23.1	7.7	7.7	0.0
50°	23.1	15.4	7.7	0.0
47.5°	23.1	15.4	7.7	0.0
45°	23.1	15.4	7.7	0.0
42.5°	23.1	15.4	7.7	0.0
40°	30.7	15.4	7.7	0.0
37.5°	30.7	15.4	7.7	0.0
35°	30.7	15.4	7.7	0.0
32.5°	30.7	15.4	7.7	0.0
30°	30.7	15.4	7.7	0.0
27.5°	30.7	23.1	7.7	0.0
25°	30.7	23.1	7.7	0.0
22.5°	38.4	23.1	7.7	0.0
20°	38.4	23.1	7.7	0.0
17.5°	38.4	23.1	7.7	0.0
15°	38.4	23.1	7.7	0.0
12.5°	38.4	23.1	7.7	0.0
10°	38.4	23.1	7.7	0.0
7.5°	38.4	23.1	7.7	0.0
5°	38.4	23.1	7.7	0.0
2.5°	38.4	23.1	7.7	0.0
0°	38.4	23.1	7.7	0.0
-2.5°	38.4	23.1	7.7	0.0
-5°	38.4	23.1	7.7	0.0
-7.5°	38.4	23.1	7.7	0.0
-10°	38.4	23.1	7.7	0.0
-12.5°	46.1	23.1	7.7	0.0
-15°	46.1	23.1	7.7	0.0
-17.5°	46.1	23.1	7.7	0.0
-20°	46.1	23.1	7.7	0.0



REPORT NUMBER: P722418

CATALOG NUMBER: IFLD-L-SA7E-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	46.1	23.1	7.7	0.0
-25°	46.1	23.1	7.7	0.0
-27.5°	46.1	23.1	7.7	0.0
-30°	46.1	23.1	7.7	0.0
-32.5°	46.1	23.1	7.7	0.0
-35°	46.1	23.1	7.7	0.0
-37.5°	46.1	23.1	7.7	0.0
-40°	46.1	23.1	7.7	0.0
-42.5°	38.4	23.1	7.7	0.0
-45°	46.1	23.1	7.7	0.0
-47.5°	46.1	23.1	7.7	0.0
-50°	46.1	23.1	7.7	0.0
-52.5°	46.1	23.1	7.7	0.0
-55°	46.1	23.1	7.7	0.0
-57.5°	46.1	23.1	7.7	0.0
-60°	46.1	23.1	7.7	0.0
-62.5°	38.4	23.1	7.7	0.0
-65°	38.4	15.4	7.7	0.0
-67.5°	38.4	15.4	7.7	0.0
-70°	38.4	15.4	7.7	0.0
-72.5°	30.7	15.4	7.7	0.0
-75°	30.7	15.4	7.7	0.0
-77.5°	23.1	7.7	0.0	0.0
-80°	23.1	7.7	0.0	0.0
-82.5°	15.4	7.7	0.0	0.0
-85°	7.7	7.7	0.0	0.0
-87.5°	7.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)