

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: P722591

Luminaire Tested: **IFLD-L-SA7D-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722591
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-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:	36665.3 lumens	Max Intensity:	25596.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.8 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:	23390.9 lumens	Field Lumens:	34567.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

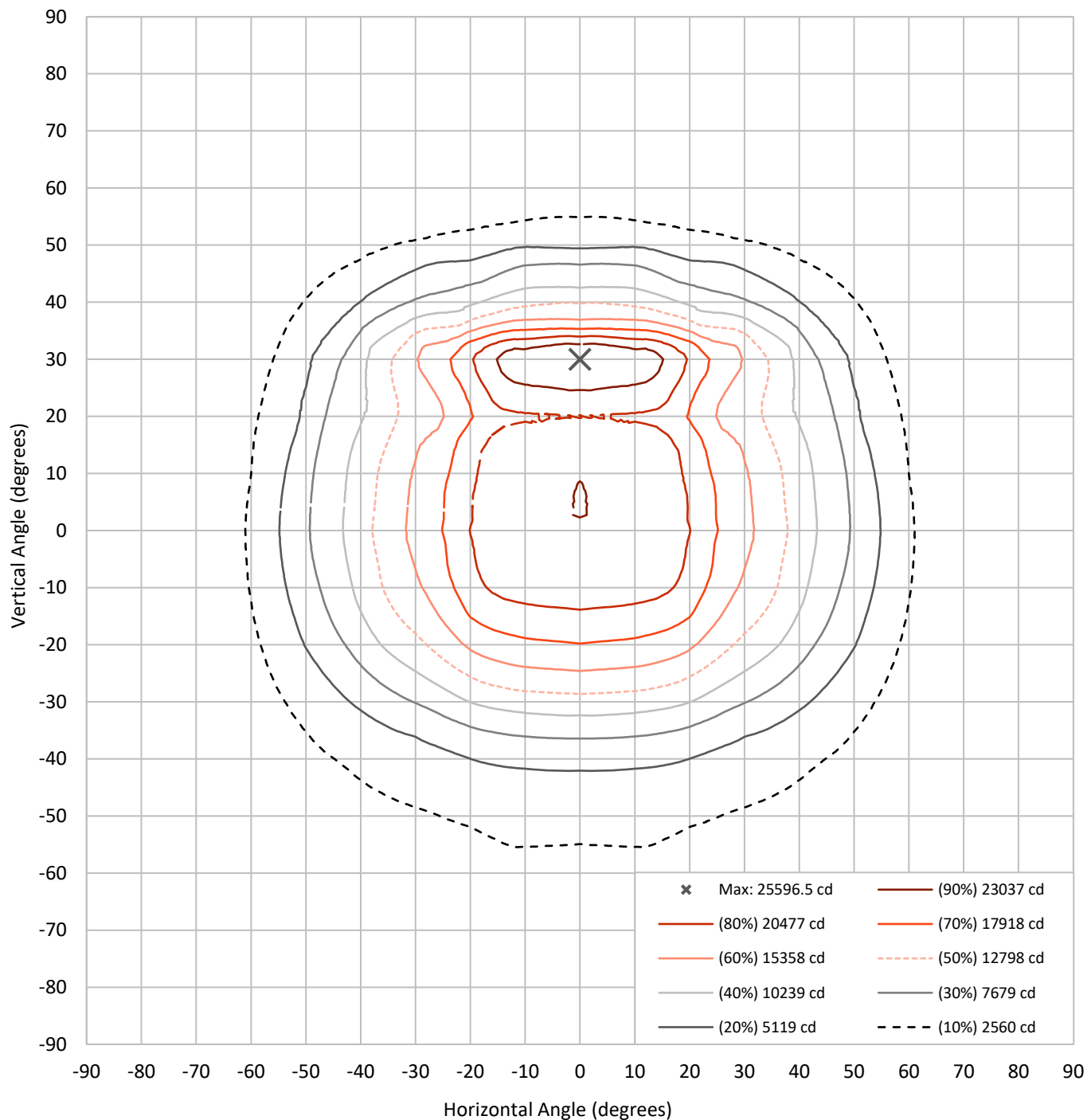
Input Watts (W): 422.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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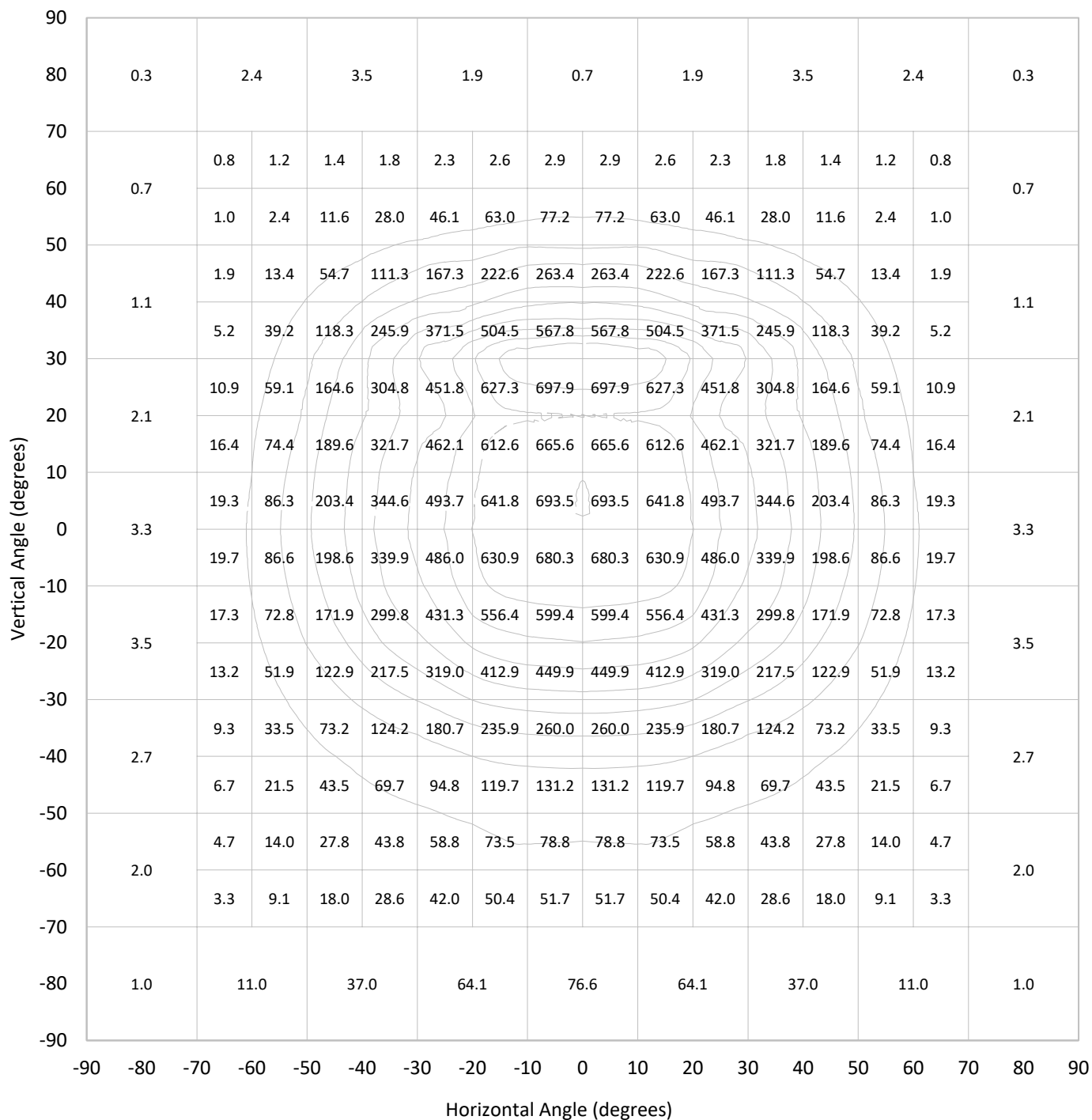
Iso-Candela Plot



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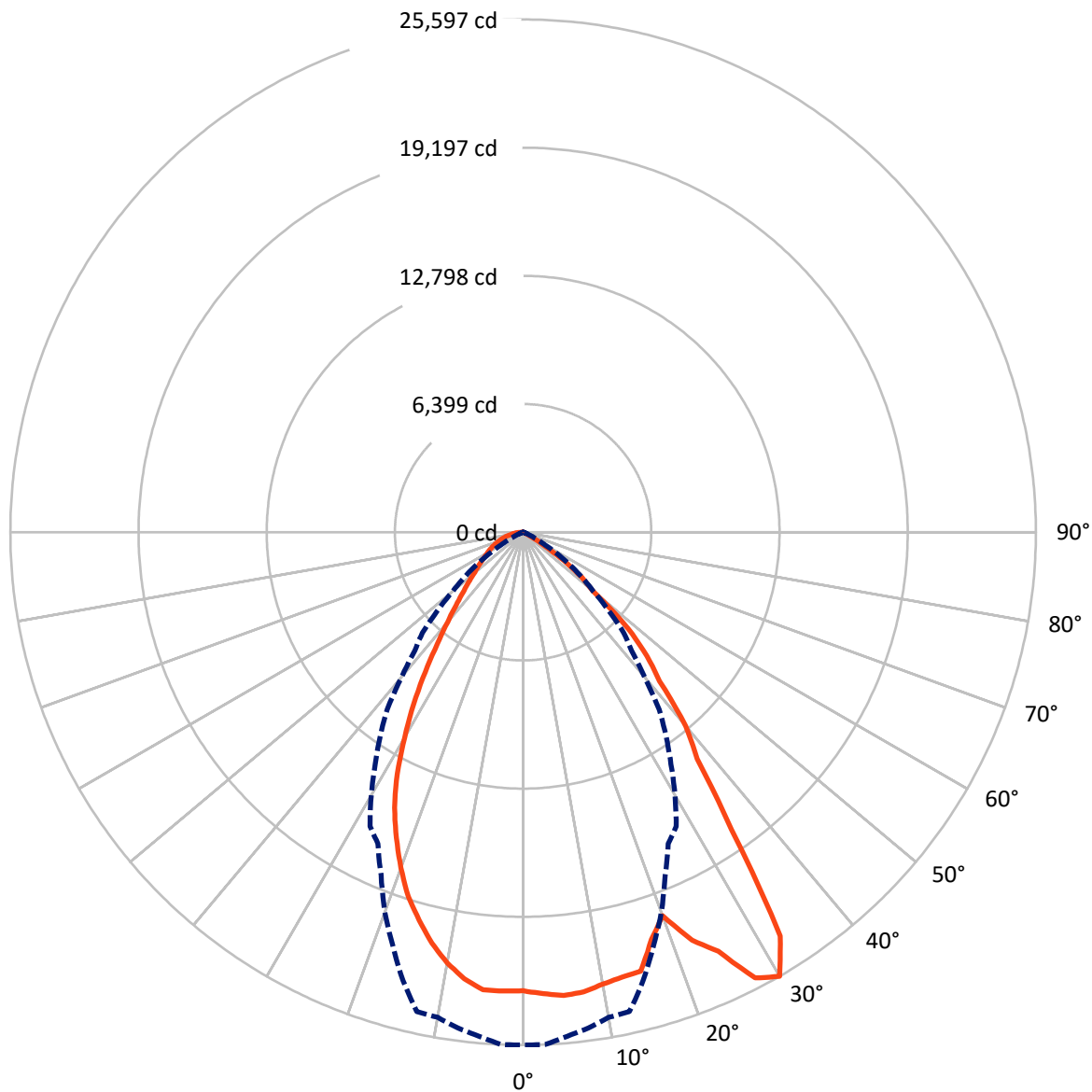
Lumen Table



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Luminous Intensity Polar Plot



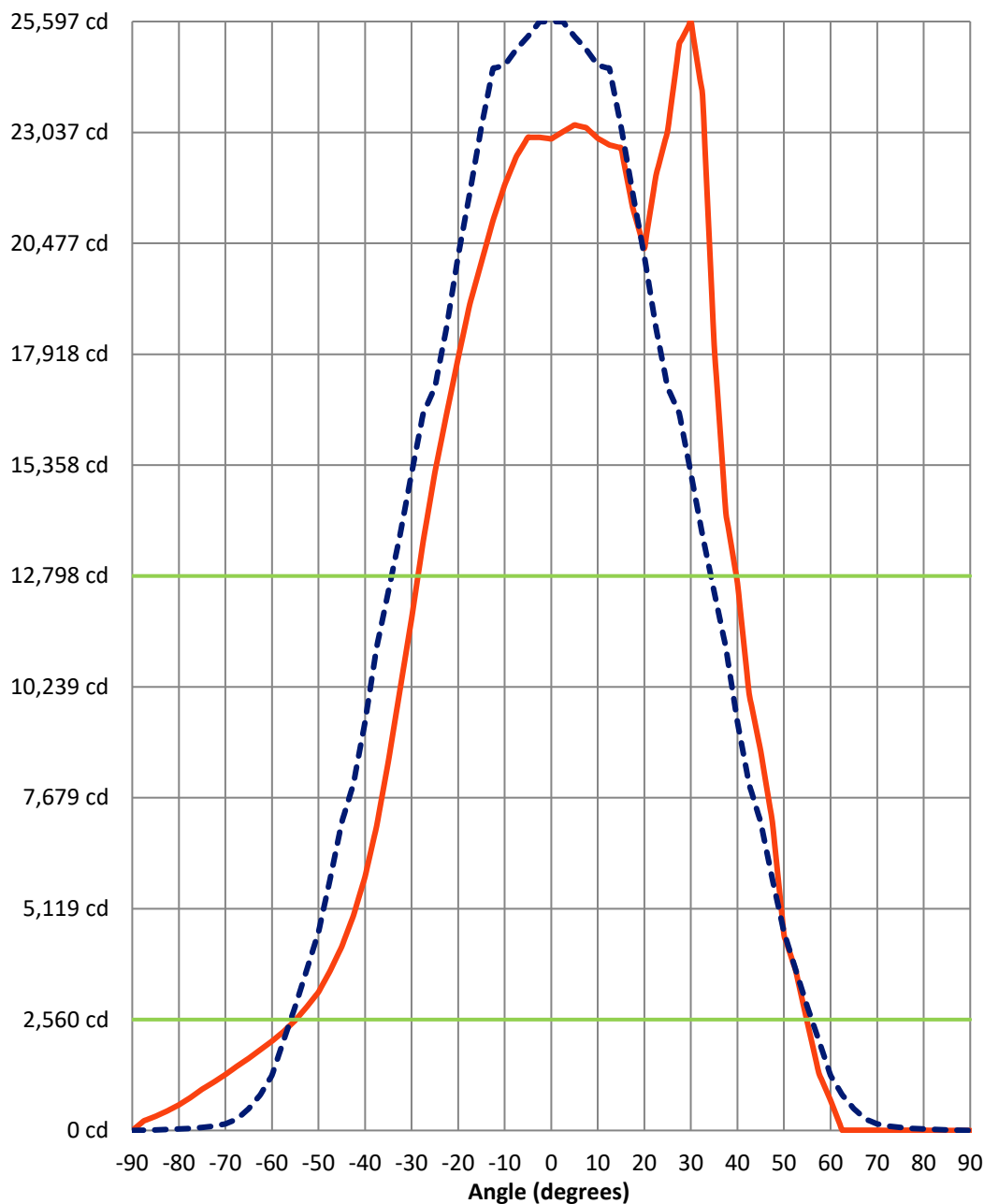
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 23390.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 34567.2

Efficiency: 94.3%

Spill:

Lumens: 2098.1

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	5.8	5.8	5.8	5.8	5.8	5.8	5.8
85°	0.0	5.8	5.8	5.8	11.7	11.7	11.7	11.7	11.7	11.7	17.5
82.5°	0.0	5.8	5.8	5.8	11.7	11.7	11.7	11.7	17.5	17.5	23.3
80°	5.8	5.8	5.8	5.8	11.7	11.7	11.7	17.5	17.5	23.3	23.3
77.5°	5.8	5.8	5.8	11.7	11.7	11.7	17.5	17.5	23.3	23.3	29.2
75°	5.8	5.8	5.8	11.7	11.7	17.5	17.5	17.5	23.3	23.3	29.2
72.5°	0.0	5.8	5.8	11.7	11.7	17.5	17.5	17.5	23.3	23.3	23.3
70°	5.8	5.8	5.8	11.7	11.7	17.5	17.5	17.5	23.3	23.3	23.3
67.5°	5.8	5.8	5.8	11.7	11.7	17.5	17.5	23.3	23.3	23.3	29.2
65°	5.8	5.8	5.8	11.7	17.5	17.5	23.3	29.2	29.2	35.0	40.9
62.5°	5.8	11.7	11.7	17.5	23.3	29.2	64.2	99.2	99.2	70.0	58.4
60°	694.6	753.0	747.2	677.1	589.6	496.2	478.7	461.1	426.1	373.6	391.1
57.5°	1319.2	1389.3	1418.5	1400.9	1354.2	1272.5	1225.8	1173.3	1103.2	1021.5	928.1
55°	2498.4	2527.5	2463.3	2340.8	2206.5	2072.2	2025.5	1955.5	1850.4	1745.3	1605.3
52.5°	3695.0	3794.2	3765.0	3642.5	3461.5	3222.2	2959.5	2755.2	2632.6	2515.9	2375.8
50°	4512.2	4553.1	4634.8	4780.7	4833.3	4669.8	4243.7	3695.0	3303.9	3502.4	3350.6
47.5°	7121.5	7325.8	7284.9	7179.9	7004.7	6561.1	5965.7	5475.4	5066.8	4932.5	4955.9
45°	8750.1	8831.8	8802.6	8755.9	8674.2	8259.8	7600.1	6847.1	6467.7	6315.9	6158.3
42.5°	10086.8	10174.4	10191.9	10197.7	10110.2	9730.7	9135.3	8382.3	8002.9	7565.1	7220.7
40°	12637.7	12766.1	12620.2	12427.6	12135.7	11703.8	11120.0	10425.4	9754.1	9217.1	8808.5
37.5°	14266.3	14423.9	14482.3	14470.6	14406.4	14219.6	13501.6	12842.0	11814.7	10612.2	10828.2
35°	18130.6	18294.0	18247.3	18072.2	17978.8	17780.4	17079.9	16297.7	15007.7	13700.1	13349.9
32.5°	23892.0	24248.1	23582.6	22853.0	22403.5	22561.1	21848.9	19934.3	19338.9	16980.7	15889.1
30°	25596.5	25590.6	25252.1	24954.4	24586.6	24510.7	23168.2	21638.8	20179.5	18527.5	17149.9
27.5°	25077.0	24971.9	24685.9	24469.9	24125.5	23944.5	22631.1	21417.0	19730.0	18253.2	16922.3
25°	23074.8	23156.5	22864.6	22823.8	22689.5	22339.3	21685.5	20319.6	18813.6	17179.1	16221.8
22.5°	22041.6	22012.4	21662.2	21457.8	21621.3	21247.7	20985.0	19607.4	18037.2	16659.6	15509.7
20°	20360.4	20366.3	20278.7	20261.2	20162.0	19992.7	19782.5	18807.7	17698.6	16519.5	15136.1
17.5°	21300.2	21539.6	21644.6	20774.9	21020.1	20827.4	20605.6	19245.5	18410.8	17365.9	15562.2
15°	22677.8	22590.3	22485.2	22438.5	22304.3	22123.3	21720.5	20634.8	19198.8	18118.9	16712.1
12.5°	22747.9	22578.6	22537.7	22531.9	22391.8	22140.8	21749.7	20850.8	19578.2	18264.9	17120.7
10°	22899.7	22724.5	22701.2	22730.4	22514.4	22356.8	21965.7	21131.0	19695.0	18515.9	17436.0
7.5°	23144.8	22853.0	22987.2	22899.7	22800.4	22549.4	22129.1	21311.9	20121.1	18848.6	17716.2
5°	23209.0	22888.0	23033.9	22952.2	22806.3	22561.1	22105.8	21428.7	20383.8	18982.8	17827.1
2.5°	23051.4	22958.0	22893.8	22742.1	22677.8	22409.3	21977.4	21253.5	20261.2	18924.5	17803.7
0°	22888.0	22969.7	22823.8	22672.0	22642.8	22426.8	22059.1	21405.3	20547.2	19087.9	18002.2
-2.5°	22923.0	22858.8	22759.6	22602.0	22450.2	22140.8	21808.1	21195.2	20272.9	18731.8	17722.0
-5°	22923.0	22625.3	22637.0	22642.8	22491.0	22170.0	21767.2	21247.7	20109.4	18726.0	17640.3
-7.5°	22479.4	22222.5	22181.7	22146.6	22105.8	21808.1	21492.9	20844.9	19835.1	18574.2	17412.6
-10°	21825.6	21574.6	21597.9	21545.4	21417.0	21218.5	20979.2	20395.5	19566.6	18095.6	16951.5
-12.5°	21008.4	20897.5	20833.3	20745.7	20617.3	20442.2	20197.0	19648.3	18761.0	17506.0	16420.3
-15°	20039.4	19957.7	19899.3	19846.8	19660.0	19479.0	19158.0	18650.1	18095.6	16747.2	15638.1
-17.5°	19070.4	18866.1	18784.4	18714.3	18591.7	18299.9	18008.0	17628.6	16852.2	15784.0	14832.5
-20°	17827.1	17704.5	17605.2	17511.8	17336.7	17109.1	16869.7	16431.9	15760.7	14896.7	13910.2



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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°	16525.3	16455.3	16373.6	16256.8	16140.1	15924.1	15591.4	15171.1	14645.7	13711.8	12789.5
-25°	15182.8	15048.5	14949.3	14838.4	14745.0	14546.5	14225.5	13822.7	13163.1	12357.5	11587.0
-27.5°	13600.9	13472.4	13419.9	13291.5	13209.8	13028.8	12707.8	12334.2	11738.8	11061.6	10279.5
-30°	11814.7	11838.0	11779.6	11657.1	11557.8	11324.3	11079.2	10763.9	10297.0	9649.0	8948.6
-32.5°	10162.7	10191.9	10121.8	9993.4	9865.0	9695.7	9468.1	9182.0	8831.8	8213.1	7606.0
-35°	8510.8	8499.1	8440.7	8364.8	8277.3	8137.2	7880.3	7664.4	7261.6	6829.6	6409.3
-37.5°	7028.1	7057.3	7039.8	6998.9	6899.7	6782.9	6572.8	6374.3	6076.6	5697.2	5370.3
-40°	5854.8	5889.8	5866.5	5825.6	5738.0	5668.0	5527.9	5352.8	5113.5	4786.6	4512.2
-42.5°	4955.9	4979.2	4950.0	4915.0	4839.1	4786.6	4675.7	4529.7	4331.3	4080.3	3835.1
-45°	4243.7	4249.5	4220.4	4197.0	4138.6	4074.4	3981.0	3864.3	3706.7	3531.6	3333.1
-47.5°	3683.3	3677.5	3648.3	3625.0	3578.3	3519.9	3444.0	3338.9	3216.3	3082.1	2924.5
-50°	3193.0	3222.2	3210.5	3187.2	3152.1	3111.3	3035.4	2924.5	2801.9	2702.7	2591.8
-52.5°	2854.4	2860.3	2854.4	2854.4	2848.6	2819.4	2731.8	2620.9	2486.7	2399.1	2305.7
-55°	2539.2	2568.4	2580.1	2591.8	2597.6	2597.6	2492.5	2375.8	2247.4	2159.8	2089.7
-57.5°	2282.4	2299.9	2311.6	2340.8	2364.1	2381.6	2288.2	2183.1	2083.9	2002.2	1938.0
-60°	2060.6	2083.9	2101.4	2130.6	2148.1	2159.8	2101.4	2031.4	1973.0	1920.5	1827.1
-62.5°	1862.1	1879.6	1897.1	1914.6	1932.1	1943.8	1920.5	1885.4	1856.3	1832.9	1716.2
-65°	1663.6	1681.1	1698.6	1722.0	1739.5	1751.2	1745.3	1722.0	1698.6	1675.3	1570.2
-67.5°	1482.7	1500.2	1523.5	1529.4	1541.0	1546.9	1535.2	1517.7	1488.5	1459.3	1377.6
-70°	1290.0	1301.7	1313.4	1313.4	1313.4	1307.6	1295.9	1272.5	1243.3	1202.5	1138.3
-72.5°	1114.9	1126.6	1138.3	1120.8	1109.1	1091.6	1074.1	1044.9	1015.7	986.5	951.5
-75°	951.5	957.3	957.3	934.0	916.5	898.9	875.6	858.1	828.9	805.5	776.4
-77.5°	758.8	758.8	758.8	741.3	729.7	718.0	700.5	683.0	659.6	642.1	618.8
-80°	589.6	589.6	589.6	583.7	566.2	554.5	542.9	531.2	513.7	502.0	490.3
-82.5°	449.5	449.5	449.5	443.6	432.0	426.1	414.4	402.8	396.9	385.3	379.4
-85°	326.9	332.7	332.7	326.9	321.1	309.4	303.5	297.7	291.9	286.0	274.4
-87.5°	221.8	221.8	221.8	216.0	210.1	210.1	204.3	192.6	181.0	175.1	169.3
-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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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°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
85°	17.5	17.5	17.5	23.3	23.3	23.3	23.3	23.3	23.3	23.3	17.5
82.5°	29.2	29.2	35.0	35.0	40.9	40.9	40.9	40.9	40.9	40.9	40.9
80°	29.2	35.0	40.9	46.7	52.5	58.4	58.4	58.4	58.4	52.5	52.5
77.5°	35.0	35.0	40.9	46.7	52.5	58.4	64.2	70.0	64.2	64.2	64.2
75°	35.0	40.9	40.9	46.7	52.5	58.4	64.2	70.0	70.0	70.0	70.0
72.5°	29.2	35.0	40.9	46.7	46.7	52.5	58.4	58.4	64.2	64.2	70.0
70°	29.2	35.0	40.9	40.9	46.7	46.7	52.5	58.4	58.4	64.2	64.2
67.5°	35.0	40.9	40.9	46.7	52.5	52.5	52.5	58.4	58.4	64.2	64.2
65°	40.9	46.7	46.7	52.5	58.4	58.4	64.2	64.2	64.2	70.0	70.0
62.5°	70.0	70.0	70.0	64.2	70.0	70.0	70.0	75.9	75.9	70.0	75.9
60°	361.9	262.7	181.0	227.7	204.3	93.4	93.4	93.4	87.6	87.6	81.7
57.5°	852.2	793.9	683.0	577.9	519.5	461.1	286.0	116.7	116.7	105.1	93.4
55°	1424.3	1231.7	1149.9	1009.8	858.1	788.0	653.8	443.6	210.1	140.1	122.6
52.5°	2206.5	2025.5	1815.4	1529.4	1325.1	1161.6	1050.7	834.7	560.4	297.7	186.8
50°	2953.7	2871.9	2743.5	2463.3	2037.2	1762.9	1581.9	1336.7	1004.0	612.9	350.2
47.5°	4757.4	4074.4	3660.0	3444.0	3087.9	2568.4	2218.2	1943.8	1541.0	1033.2	618.8
45°	5989.1	5557.1	4897.5	4442.2	3916.8	3368.1	2912.8	2597.6	2118.9	1546.9	969.0
42.5°	7045.6	6672.0	6076.6	5411.2	4856.6	4138.6	3554.9	3140.5	2737.7	2113.1	1447.6
40°	8405.7	7962.1	7390.0	6742.1	6094.1	5177.7	4232.0	3730.0	3286.4	2731.8	1955.5
37.5°	10647.2	9865.0	8931.0	8213.1	7366.6	6590.3	5294.4	4407.1	3881.8	3303.9	2550.9
35°	13344.0	12485.9	10927.4	9975.9	8843.5	7687.7	6520.2	5206.9	4459.7	3846.8	3099.6
32.5°	15854.1	14599.0	12602.7	11487.8	10734.8	8604.2	7395.8	6257.6	5055.1	4302.1	3414.8
30°	16548.7	15165.3	13735.1	12433.4	11149.2	9427.2	7997.1	7109.8	5802.3	4576.4	3712.5
27.5°	15848.2	14896.7	13787.7	12579.3	11190.1	9713.2	8364.8	7518.4	6351.0	4763.2	3946.0
25°	15136.1	14143.7	13367.4	12357.5	11073.3	9695.7	8376.5	7775.3	6777.1	5125.1	4074.4
22.5°	14383.1	13764.3	13122.2	11995.6	10781.5	9748.3	8755.9	7997.1	6998.9	5533.7	4127.0
20°	14423.9	14021.2	13314.8	11808.8	10728.9	10057.6	9211.2	8277.3	7238.2	5889.8	4167.8
17.5°	15077.7	14552.3	13665.1	12357.5	11201.7	10372.8	9590.7	8662.5	7483.4	6205.0	4664.0
15°	15883.2	15083.5	14155.4	13005.5	11697.9	10717.2	9882.5	8931.0	7763.6	6496.9	5107.6
12.5°	16467.0	15328.7	14458.9	13419.9	12234.9	11090.8	10075.1	9135.3	8026.3	6736.2	5440.3
10°	16665.4	15632.2	14604.9	13676.8	12509.3	11289.3	10221.1	9263.8	8253.9	6923.0	5685.5
7.5°	16770.5	15894.9	14704.1	13793.5	12672.7	11411.9	10337.8	9333.8	8434.9	7051.4	5843.1
5°	16758.8	16035.0	14780.0	13828.5	12760.3	11464.4	10419.5	9351.3	8563.3	7162.3	5936.5
2.5°	16706.3	16128.4	14902.6	13886.9	12935.4	11563.7	10577.2	9386.3	8610.0	7284.9	6000.7
0°	16898.9	16134.2	15031.0	13904.4	13052.2	11598.7	10647.2	9357.2	8545.8	7320.0	5994.9
-2.5°	16484.5	15789.8	15001.8	13752.6	12894.6	11517.0	10518.8	9263.8	8405.7	7279.1	5971.5
-5°	16414.4	15538.8	14756.6	13612.5	12631.9	11347.7	10279.5	9088.6	8183.9	7144.8	5878.1
-7.5°	16227.6	15299.5	14517.3	13501.6	12386.7	11172.6	10051.8	8907.7	7944.5	6934.7	5743.9
-10°	15819.0	14931.8	14260.5	13262.3	12089.0	10921.6	9777.4	8668.4	7664.4	6648.7	5533.7
-12.5°	15235.3	14348.0	13682.6	12754.5	11715.4	10583.0	9450.6	8359.0	7343.3	6345.1	5282.7
-15°	14575.7	13676.8	13011.3	12164.9	11160.9	10057.6	9036.1	7967.9	6975.6	6024.1	4985.0
-17.5°	13828.5	12976.3	12334.2	11511.1	10512.9	9462.2	8446.5	7477.6	6549.4	5691.3	4640.6
-20°	12964.6	12135.7	11546.1	10723.1	9806.6	8785.1	7798.6	6882.2	6047.4	5241.9	4261.2

REPORT NUMBER: P722591

CATALOG NUMBER: IFLD-L-SA7D-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°	11896.4	11166.7	10495.4	9759.9	8960.2	8026.3	7109.8	6298.4	5498.7	4710.7	3870.1
-25°	10804.8	10098.5	9444.7	8773.4	8008.8	7203.2	6421.0	5685.5	4903.3	4191.2	3490.7
-27.5°	9590.7	8960.2	8376.5	7757.7	7057.3	6362.6	5720.5	5002.6	4325.4	3718.3	3117.1
-30°	8294.8	7781.1	7273.3	6724.5	6158.3	5574.6	5002.6	4325.4	3794.2	3309.7	2801.9
-32.5°	7051.4	6590.3	6181.7	5773.1	5282.7	4804.1	4296.2	3794.2	3350.6	2924.5	2498.4
-35°	5959.9	5469.5	5241.9	4915.0	4523.9	4091.9	3677.5	3327.3	2971.2	2585.9	2206.5
-37.5°	5014.2	4699.0	4430.5	4185.3	3876.0	3502.4	3204.7	2918.6	2620.9	2270.7	1943.8
-40°	4272.9	4045.2	3776.7	3595.8	3344.8	3076.2	2778.5	2539.2	2288.2	2002.2	1733.7
-42.5°	3677.5	3490.7	3315.6	3122.9	2936.2	2708.5	2451.7	2224.0	1996.4	1786.2	1564.4
-45°	3187.2	3052.9	2912.8	2755.2	2591.8	2393.3	2183.1	1949.7	1786.2	1599.4	1412.6
-47.5°	2784.4	2685.1	2568.4	2445.8	2305.7	2130.6	1938.0	1768.7	1599.4	1441.8	1260.9
-50°	2463.3	2369.9	2276.5	2171.5	2048.9	1897.1	1751.2	1593.6	1436.0	1284.2	1114.9
-52.5°	2194.8	2113.1	2037.2	1949.7	1832.9	1704.5	1570.2	1430.1	1284.2	1132.4	998.2
-55°	2008.0	1914.6	1838.7	1751.2	1646.1	1523.5	1400.9	1272.5	1132.4	1015.7	904.8
-57.5°	1856.3	1751.2	1663.6	1570.2	1465.2	1360.1	1249.2	1132.4	1027.4	916.5	811.4
-60°	1727.8	1605.3	1506.0	1412.6	1313.4	1214.2	1120.8	1021.5	922.3	823.1	718.0
-62.5°	1593.6	1465.2	1342.6	1255.0	1179.1	1091.6	1009.8	916.5	828.9	729.7	653.8
-65°	1441.8	1319.2	1202.5	1126.6	1056.5	980.7	904.8	823.1	747.2	671.3	601.2
-67.5°	1272.5	1167.5	1085.7	1015.7	945.6	881.4	811.4	741.3	677.1	601.2	531.2
-70°	1068.2	1009.8	963.2	910.6	846.4	788.0	723.8	659.6	589.6	525.4	461.1
-72.5°	910.6	875.6	840.6	788.0	729.7	677.1	624.6	566.2	507.8	449.5	396.9
-75°	747.2	718.0	688.8	653.8	607.1	566.2	519.5	467.0	420.3	379.4	338.6
-77.5°	601.2	577.9	560.4	531.2	496.2	461.1	432.0	396.9	361.9	321.1	280.2
-80°	478.7	467.0	461.1	449.5	420.3	391.1	367.7	338.6	303.5	274.4	245.2
-82.5°	373.6	373.6	367.7	361.9	338.6	315.2	297.7	274.4	251.0	227.7	198.5
-85°	274.4	268.5	268.5	262.7	245.2	233.5	216.0	204.3	186.8	163.4	151.8
-87.5°	163.4	157.6	151.8	145.9	134.3	128.4	116.7	110.9	99.2	87.6	81.7
-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: P722591

CATALOG NUMBER: IFLD-L-SA7D-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°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	0.0	0.0
85°	17.5	11.7	11.7	11.7	11.7	11.7	5.8	5.8	5.8	5.8	5.8
82.5°	35.0	35.0	29.2	29.2	23.3	17.5	11.7	11.7	11.7	5.8	5.8
80°	52.5	52.5	52.5	46.7	40.9	29.2	23.3	17.5	11.7	5.8	5.8
77.5°	64.2	58.4	58.4	52.5	52.5	46.7	35.0	29.2	17.5	11.7	5.8
75°	64.2	64.2	64.2	58.4	58.4	52.5	46.7	35.0	29.2	17.5	11.7
72.5°	70.0	64.2	64.2	64.2	58.4	52.5	46.7	40.9	35.0	23.3	11.7
70°	64.2	64.2	64.2	64.2	58.4	58.4	46.7	40.9	40.9	23.3	17.5
67.5°	64.2	64.2	64.2	58.4	58.4	52.5	46.7	40.9	40.9	29.2	17.5
65°	70.0	64.2	64.2	64.2	58.4	52.5	46.7	40.9	40.9	35.0	23.3
62.5°	75.9	70.0	70.0	64.2	58.4	52.5	46.7	40.9	40.9	35.0	23.3
60°	81.7	75.9	70.0	70.0	64.2	58.4	46.7	46.7	40.9	35.0	23.3
57.5°	87.6	81.7	81.7	75.9	70.0	64.2	52.5	46.7	40.9	35.0	29.2
55°	105.1	93.4	87.6	87.6	81.7	70.0	58.4	46.7	40.9	35.0	29.2
52.5°	140.1	110.9	99.2	99.2	93.4	81.7	64.2	52.5	40.9	35.0	29.2
50°	221.8	140.1	116.7	105.1	105.1	93.4	75.9	58.4	40.9	35.0	29.2
47.5°	350.2	233.5	140.1	122.6	116.7	110.9	87.6	58.4	46.7	35.0	29.2
45°	577.9	344.4	227.7	145.9	122.6	116.7	99.2	64.2	46.7	40.9	29.2
42.5°	793.9	537.0	350.2	175.1	145.9	128.4	105.1	70.0	52.5	40.9	29.2
40°	1249.2	735.5	490.3	286.0	169.3	134.3	116.7	81.7	52.5	40.9	29.2
37.5°	1692.8	974.8	659.6	420.3	192.6	151.8	122.6	87.6	58.4	40.9	35.0
35°	2136.4	1365.9	817.2	560.4	256.8	181.0	128.4	93.4	58.4	40.9	35.0
32.5°	2533.4	1733.7	980.7	700.5	385.3	216.0	140.1	99.2	64.2	46.7	35.0
30°	2860.3	2072.2	1272.5	823.1	502.0	262.7	151.8	99.2	70.0	46.7	35.0
27.5°	3105.4	2334.9	1570.2	951.5	601.2	309.4	175.1	110.9	70.0	46.7	35.0
25°	3303.9	2539.2	1832.9	1085.7	688.8	385.3	210.1	116.7	75.9	52.5	35.0
22.5°	3461.5	2708.5	2048.9	1266.7	793.9	461.1	256.8	128.4	75.9	52.5	35.0
20°	3677.5	2877.8	2194.8	1459.3	904.8	531.2	297.7	140.1	75.9	52.5	40.9
17.5°	3864.3	3047.1	2311.6	1622.8	1015.7	583.7	344.4	151.8	81.7	52.5	40.9
15°	4080.3	3210.5	2416.6	1751.2	1120.8	630.4	385.3	163.4	81.7	58.4	40.9
12.5°	4313.8	3362.3	2492.5	1856.3	1231.7	671.3	420.3	186.8	87.6	58.4	40.9
10°	4553.1	3490.7	2556.7	1932.1	1313.4	712.1	443.6	210.1	93.4	58.4	40.9
7.5°	4792.4	3607.4	2638.5	1967.2	1348.4	758.8	455.3	233.5	93.4	64.2	40.9
5°	4955.9	3683.3	2755.2	1990.5	1365.9	811.4	472.8	262.7	99.2	64.2	40.9
2.5°	5095.9	3730.0	2877.8	2008.0	1371.8	840.6	467.0	280.2	105.1	64.2	40.9
0°	5160.2	3730.0	2959.5	1996.4	1354.2	869.8	467.0	297.7	105.1	64.2	40.9
-2.5°	5060.9	3835.1	2936.2	2002.2	1360.1	869.8	490.3	303.5	116.7	70.0	40.9
-5°	4903.3	3876.0	2866.1	1973.0	1348.4	869.8	519.5	309.4	122.6	70.0	46.7
-7.5°	4751.5	3893.5	2784.4	1943.8	1330.9	846.4	525.4	303.5	134.3	75.9	46.7
-10°	4553.1	3700.8	2679.3	1891.3	1295.9	828.9	537.0	303.5	140.1	75.9	46.7
-12.5°	4325.4	3467.3	2550.9	1815.4	1255.0	811.4	542.9	303.5	145.9	81.7	46.7
-15°	4062.7	3228.0	2405.0	1733.7	1196.6	788.0	531.2	297.7	151.8	81.7	52.5
-17.5°	3765.0	2994.5	2253.2	1634.4	1132.4	758.8	507.8	291.9	151.8	81.7	52.5
-20°	3426.5	2761.0	2083.9	1535.2	1056.5	723.8	484.5	280.2	151.8	81.7	52.5

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CATALOG NUMBER: IFLD-L-SA7D-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°	3122.9	2545.1	1908.8	1424.3	974.8	683.0	455.3	268.5	151.8	87.6	52.5
-25°	2871.9	2334.9	1774.5	1313.4	887.3	636.3	426.1	256.8	151.8	87.6	52.5
-27.5°	2609.3	2107.3	1634.4	1208.3	828.9	595.4	396.9	245.2	145.9	87.6	52.5
-30°	2340.8	1885.4	1488.5	1091.6	770.5	554.5	373.6	227.7	145.9	87.6	52.5
-32.5°	2095.6	1704.5	1354.2	974.8	706.3	513.7	350.2	221.8	140.1	87.6	52.5
-35°	1856.3	1541.0	1214.2	881.4	636.3	472.8	326.9	216.0	140.1	87.6	52.5
-37.5°	1657.8	1389.3	1085.7	817.2	595.4	437.8	303.5	204.3	134.3	87.6	52.5
-40°	1494.3	1249.2	963.2	747.2	560.4	402.8	280.2	198.5	134.3	87.6	52.5
-42.5°	1342.6	1114.9	887.3	688.8	525.4	379.4	262.7	192.6	128.4	87.6	52.5
-45°	1208.3	998.2	811.4	636.3	484.5	350.2	251.0	181.0	122.6	87.6	58.4
-47.5°	1074.1	916.5	741.3	589.6	443.6	315.2	239.3	175.1	116.7	81.7	58.4
-50°	969.0	828.9	683.0	537.0	402.8	303.5	227.7	163.4	116.7	81.7	58.4
-52.5°	875.6	747.2	618.8	484.5	367.7	286.0	216.0	151.8	110.9	81.7	58.4
-55°	788.0	671.3	554.5	432.0	344.4	268.5	198.5	140.1	110.9	81.7	58.4
-57.5°	700.5	601.2	490.3	391.1	315.2	251.0	186.8	140.1	110.9	81.7	58.4
-60°	630.4	537.0	443.6	361.9	291.9	227.7	169.3	134.3	105.1	81.7	58.4
-62.5°	572.1	484.5	402.8	326.9	268.5	204.3	163.4	134.3	105.1	81.7	52.5
-65°	513.7	437.8	361.9	297.7	239.3	192.6	157.6	128.4	105.1	81.7	52.5
-67.5°	455.3	385.3	326.9	262.7	221.8	186.8	151.8	128.4	99.2	75.9	52.5
-70°	396.9	338.6	286.0	245.2	210.1	175.1	145.9	122.6	99.2	70.0	46.7
-72.5°	350.2	297.7	256.8	227.7	198.5	169.3	140.1	116.7	93.4	64.2	40.9
-75°	297.7	262.7	233.5	204.3	181.0	157.6	134.3	105.1	81.7	58.4	40.9
-77.5°	251.0	227.7	204.3	186.8	163.4	140.1	116.7	93.4	75.9	52.5	35.0
-80°	216.0	198.5	181.0	163.4	145.9	122.6	105.1	81.7	64.2	46.7	29.2
-82.5°	175.1	163.4	145.9	134.3	122.6	105.1	87.6	70.0	46.7	35.0	23.3
-85°	134.3	122.6	116.7	105.1	93.4	75.9	58.4	46.7	35.0	23.3	11.7
-87.5°	70.0	64.2	58.4	52.5	46.7	35.0	29.2	23.3	17.5	11.7	5.8
-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: P722591

CATALOG NUMBER: IFLD-L-SA7D-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°	5.8	0.0	0.0	0.0
77.5°	5.8	0.0	0.0	0.0
75°	5.8	5.8	0.0	0.0
72.5°	5.8	5.8	0.0	0.0
70°	5.8	5.8	0.0	0.0
67.5°	11.7	5.8	0.0	0.0
65°	11.7	5.8	0.0	0.0
62.5°	11.7	5.8	0.0	0.0
60°	11.7	5.8	0.0	0.0
57.5°	17.5	5.8	5.8	0.0
55°	17.5	5.8	5.8	0.0
52.5°	17.5	5.8	5.8	0.0
50°	17.5	11.7	5.8	0.0
47.5°	17.5	11.7	5.8	0.0
45°	17.5	11.7	5.8	0.0
42.5°	17.5	11.7	5.8	0.0
40°	23.3	11.7	5.8	0.0
37.5°	23.3	11.7	5.8	0.0
35°	23.3	11.7	5.8	0.0
32.5°	23.3	11.7	5.8	0.0
30°	23.3	11.7	5.8	0.0
27.5°	23.3	17.5	5.8	0.0
25°	23.3	17.5	5.8	0.0
22.5°	29.2	17.5	5.8	0.0
20°	29.2	17.5	5.8	0.0
17.5°	29.2	17.5	5.8	0.0
15°	29.2	17.5	5.8	0.0
12.5°	29.2	17.5	5.8	0.0
10°	29.2	17.5	5.8	0.0
7.5°	29.2	17.5	5.8	0.0
5°	29.2	17.5	5.8	0.0
2.5°	29.2	17.5	5.8	0.0
0°	29.2	17.5	5.8	0.0
-2.5°	29.2	17.5	5.8	0.0
-5°	29.2	17.5	5.8	0.0
-7.5°	29.2	17.5	5.8	0.0
-10°	29.2	17.5	5.8	0.0
-12.5°	35.0	17.5	5.8	0.0
-15°	35.0	17.5	5.8	0.0
-17.5°	35.0	17.5	5.8	0.0
-20°	35.0	17.5	5.8	0.0

REPORT NUMBER: P722591

CATALOG NUMBER: IFLD-L-SA7D-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	35.0	17.5	5.8	0.0
-25°	35.0	17.5	5.8	0.0
-27.5°	35.0	17.5	5.8	0.0
-30°	35.0	17.5	5.8	0.0
-32.5°	35.0	17.5	5.8	0.0
-35°	35.0	17.5	5.8	0.0
-37.5°	35.0	17.5	5.8	0.0
-40°	35.0	17.5	5.8	0.0
-42.5°	29.2	17.5	5.8	0.0
-45°	35.0	17.5	5.8	0.0
-47.5°	35.0	17.5	5.8	0.0
-50°	35.0	17.5	5.8	0.0
-52.5°	35.0	17.5	5.8	0.0
-55°	35.0	17.5	5.8	0.0
-57.5°	35.0	17.5	5.8	0.0
-60°	35.0	17.5	5.8	0.0
-62.5°	29.2	17.5	5.8	0.0
-65°	29.2	11.7	5.8	0.0
-67.5°	29.2	11.7	5.8	0.0
-70°	29.2	11.7	5.8	0.0
-72.5°	23.3	11.7	5.8	0.0
-75°	23.3	11.7	5.8	0.0
-77.5°	17.5	5.8	0.0	0.0
-80°	17.5	5.8	0.0	0.0
-82.5°	11.7	5.8	0.0	0.0
-85°	5.8	5.8	0.0	0.0
-87.5°	5.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)