

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: P722388

Luminaire Tested: **IFLD-L-SA7D-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722388
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	36740.1 lumens	Max Intensity:	25648.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.9 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:	23438.6 lumens	Field Lumens:	34637.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

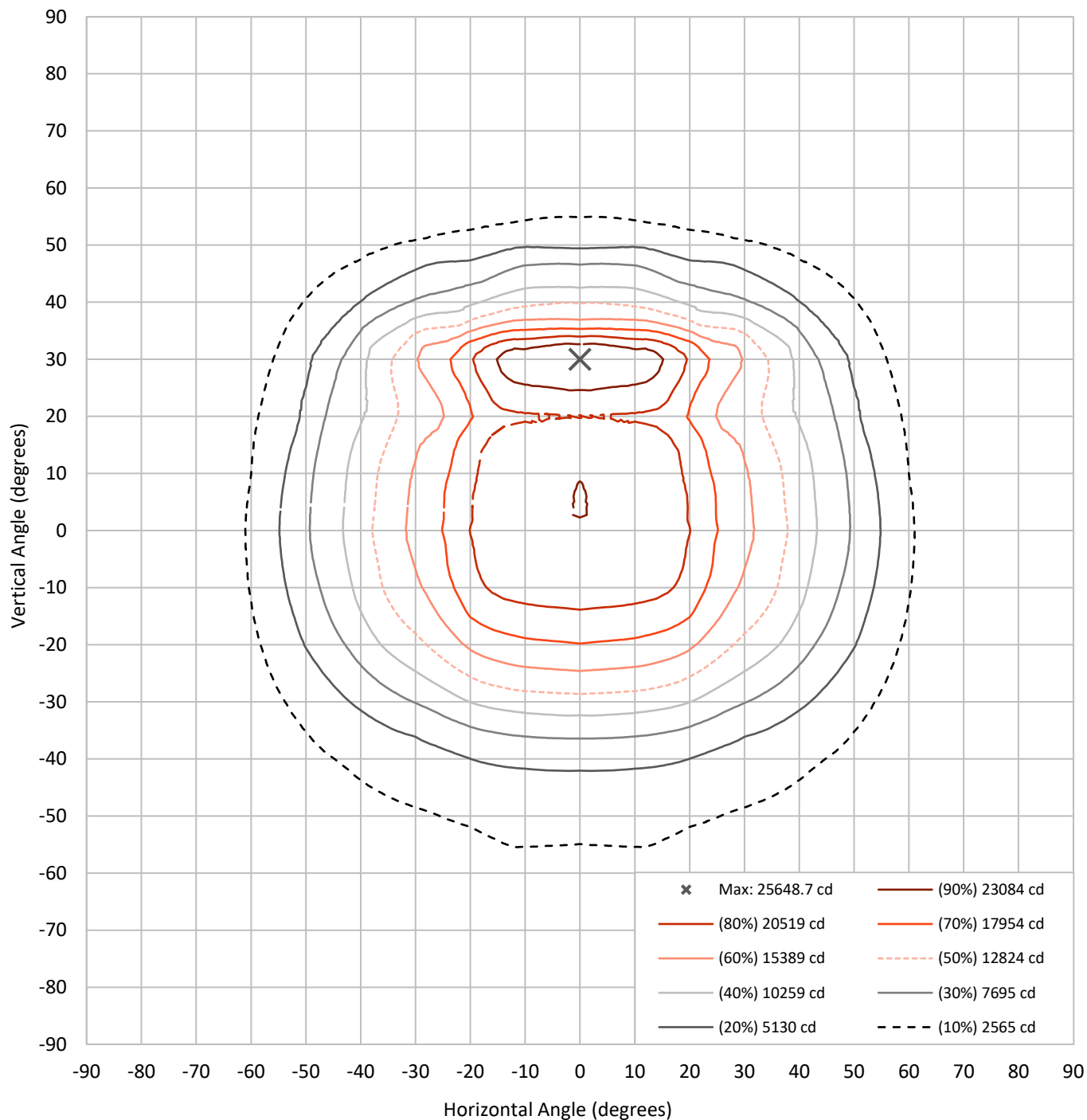
Input Watts (W): 422.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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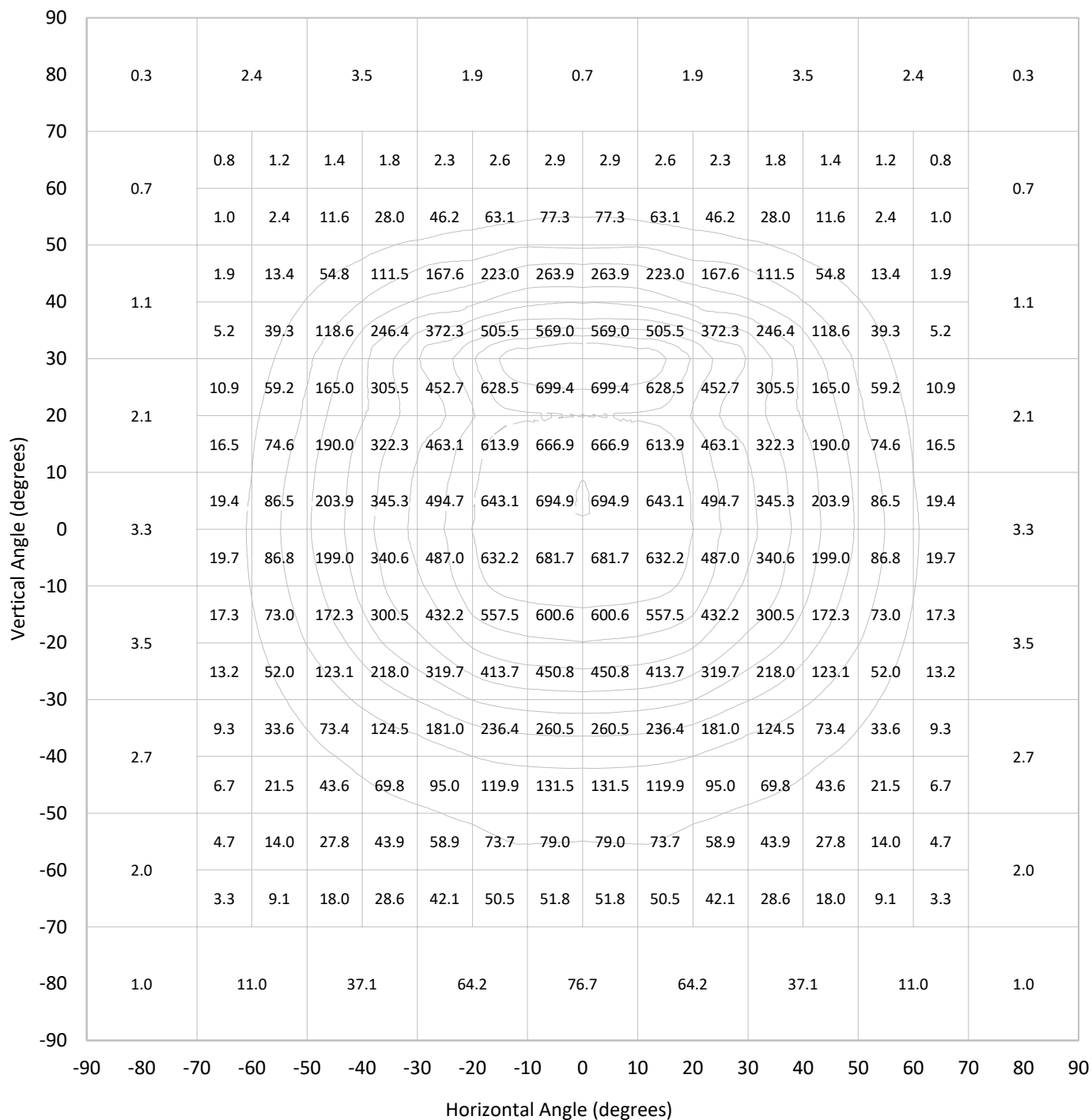
Iso-Candela Plot



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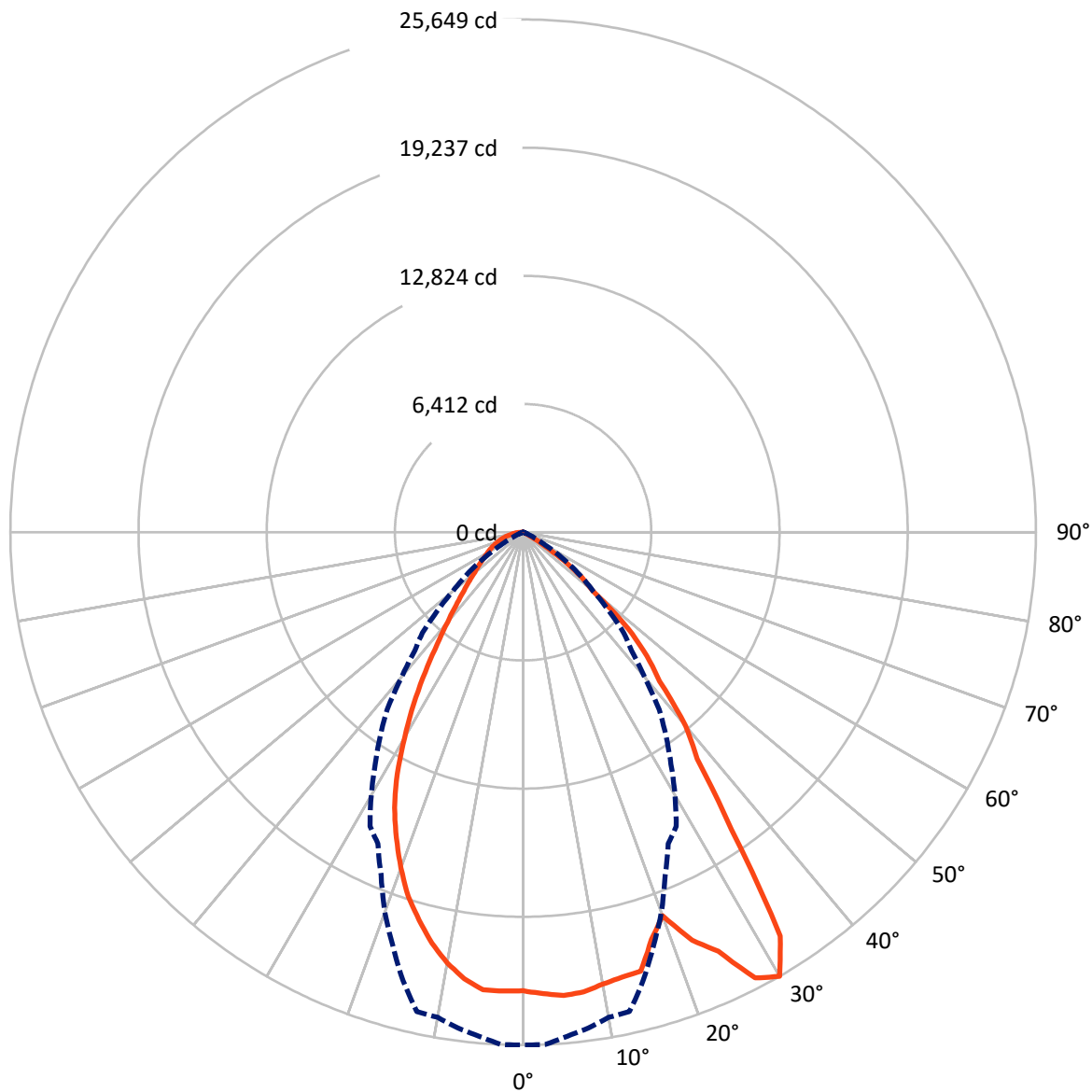
Lumen Table



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Luminous Intensity Polar Plot



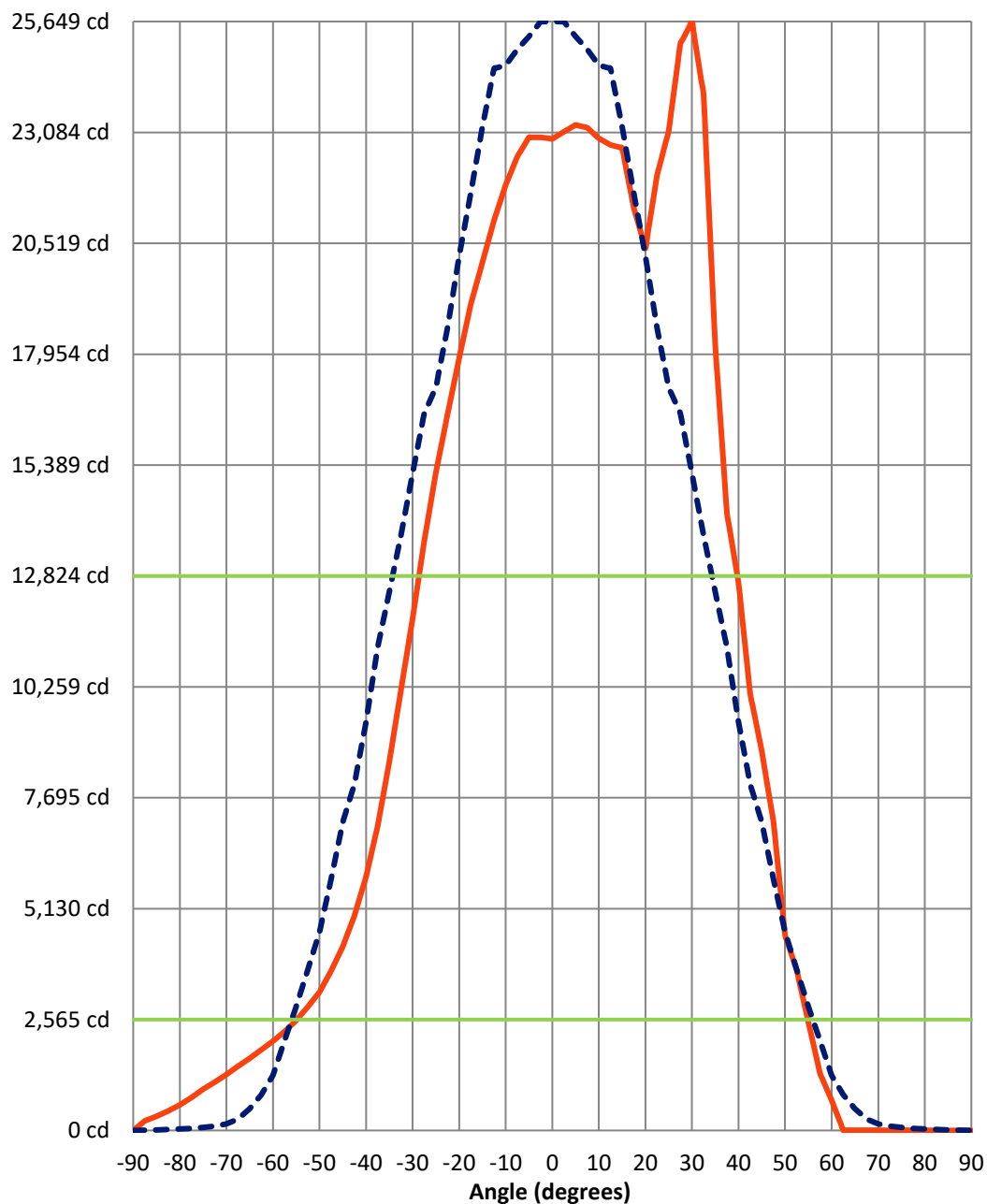
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 23438.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 34637.7

Efficiency: 94.3%

Spill:

Lumens: 2102.4

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	23.4
80°	5.8	5.8	5.8	5.8	11.7	11.7	11.7	17.5	17.5	23.4	23.4
77.5°	5.8	5.8	5.8	11.7	11.7	11.7	17.5	17.5	23.4	23.4	29.2
75°	5.8	5.8	5.8	11.7	11.7	17.5	17.5	17.5	23.4	23.4	29.2
72.5°	0.0	5.8	5.8	11.7	11.7	17.5	17.5	17.5	23.4	23.4	23.4
70°	5.8	5.8	5.8	11.7	11.7	17.5	17.5	17.5	23.4	23.4	23.4
67.5°	5.8	5.8	5.8	11.7	11.7	17.5	17.5	23.4	23.4	23.4	29.2
65°	5.8	5.8	5.8	11.7	17.5	17.5	23.4	29.2	29.2	35.1	40.9
62.5°	5.8	11.7	11.7	17.5	23.4	29.2	64.3	99.4	99.4	70.2	58.5
60°	696.1	754.5	748.7	678.5	590.8	497.2	479.6	462.1	427.0	374.3	391.9
57.5°	1321.9	1392.1	1421.4	1403.8	1357.0	1275.1	1228.3	1175.7	1105.5	1023.6	930.0
55°	2503.5	2532.7	2468.4	2345.5	2211.0	2076.5	2029.7	1959.5	1854.2	1748.9	1608.5
52.5°	3702.5	3802.0	3772.7	3649.9	3468.6	3228.8	2965.5	2760.8	2638.0	2521.0	2380.6
50°	4521.4	4562.4	4644.3	4790.5	4843.1	4679.4	4252.4	3702.5	3310.6	3509.5	3357.4
47.5°	7136.0	7340.7	7299.8	7194.5	7019.0	6574.5	5977.9	5486.5	5077.1	4942.6	4966.0
45°	8767.9	8849.8	8820.6	8773.8	8691.9	8276.6	7615.6	6861.1	6480.9	6328.8	6170.9
42.5°	10107.4	10195.1	10212.7	10218.5	10130.8	9750.6	9154.0	8399.4	8019.2	7580.6	7235.5
40°	12663.5	12792.2	12646.0	12452.9	12160.5	11727.6	11142.7	10446.7	9774.0	9235.9	8826.4
37.5°	14295.4	14453.4	14511.8	14500.1	14435.8	14248.6	13529.2	12868.2	11838.8	10633.8	10850.3
35°	18167.6	18331.4	18284.6	18109.1	18015.5	17816.6	17114.7	16330.9	15038.3	13728.1	13377.1
32.5°	23940.7	24297.5	23630.7	22899.6	22449.2	22607.1	21893.5	19975.0	19378.4	17015.3	15921.5
30°	25648.7	25642.9	25303.6	25005.3	24636.8	24560.8	23215.4	21683.0	20220.7	18565.3	17184.9
27.5°	25128.1	25022.8	24736.2	24519.8	24174.7	23993.4	22677.3	21460.7	19770.3	18290.4	16956.8
25°	23121.9	23203.7	22911.3	22870.3	22735.8	22384.9	21729.8	20361.0	18851.9	17214.2	16254.9
22.5°	22086.6	22057.3	21706.4	21501.6	21665.4	21291.1	21027.8	19647.4	18074.0	16693.6	15541.3
20°	20402.0	20407.8	20320.1	20302.5	20203.1	20033.5	19822.9	18846.1	17734.8	16553.2	15167.0
17.5°	21343.7	21583.5	21688.8	20817.3	21062.9	20869.9	20647.7	19284.8	18448.4	17401.3	15593.9
15°	22724.1	22636.4	22531.1	22484.3	22349.8	22168.4	21764.8	20676.9	19238.0	18155.9	16746.2
12.5°	22794.3	22624.7	22583.7	22577.9	22437.5	22186.0	21794.1	20893.3	19618.2	18302.1	17155.7
10°	22946.4	22770.9	22747.5	22776.8	22560.3	22402.4	22010.5	21174.1	19735.2	18553.6	17471.5
7.5°	23192.1	22899.6	23034.1	22946.4	22846.9	22595.4	22174.3	21355.4	20162.2	18887.0	17752.3
5°	23256.4	22934.7	23080.9	22999.0	22852.8	22607.1	22150.9	21472.4	20425.4	19021.6	17863.4
2.5°	23098.5	23004.9	22940.5	22788.5	22724.1	22455.1	22022.2	21296.9	20302.5	18963.1	17840.0
0°	22934.7	23016.6	22870.3	22718.3	22689.0	22472.6	22104.1	21449.0	20589.2	19126.9	18038.9
-2.5°	22969.8	22905.4	22806.0	22648.1	22496.0	22186.0	21852.6	21238.4	20314.2	18770.1	17758.2
-5°	22969.8	22671.5	22683.2	22689.0	22536.9	22215.2	21811.6	21291.1	20150.5	18764.2	17676.3
-7.5°	22525.2	22267.9	22226.9	22191.8	22150.9	21852.6	21536.7	20887.5	19875.6	18612.1	17448.1
-10°	21870.1	21618.6	21642.0	21589.4	21460.7	21261.8	21022.0	20437.1	19606.5	18132.5	16986.1
-12.5°	21051.2	20940.1	20875.8	20788.0	20659.4	20483.9	20238.2	19688.4	18799.3	17541.7	16453.8
-15°	20080.3	19998.4	19939.9	19887.3	19700.1	19518.8	19197.1	18688.2	18132.5	16781.3	15670.0
-17.5°	19109.3	18904.6	18822.7	18752.5	18629.7	18337.2	18044.8	17664.6	16886.6	15816.2	14862.8
-20°	17863.4	17740.6	17641.2	17547.6	17372.1	17144.0	16904.2	16465.5	15792.8	14927.1	13938.6

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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°	16559.1	16488.9	16407.0	16290.0	16173.0	15956.6	15623.2	15202.1	14675.6	13739.8	12815.6
-25°	15213.8	15079.2	14979.8	14868.6	14775.1	14576.2	14254.5	13850.9	13189.9	12382.7	11610.6
-27.5°	13628.6	13499.9	13447.3	13318.6	13236.7	13055.4	12733.7	12359.3	11762.7	11084.2	10300.4
-30°	11838.8	11862.2	11803.7	11680.8	11581.4	11347.4	11101.8	10785.9	10318.0	9668.7	8966.8
-32.5°	10183.4	10212.7	10142.5	10013.8	9885.1	9715.5	9487.4	9200.8	8849.8	8229.8	7621.5
-35°	8528.1	8516.4	8457.9	8381.9	8294.2	8153.8	7896.4	7680.0	7276.4	6843.6	6422.4
-37.5°	7042.4	7071.7	7054.1	7013.2	6913.7	6796.8	6586.2	6387.3	6089.0	5708.8	5381.3
-40°	5866.7	5901.8	5878.4	5837.5	5749.8	5679.6	5539.2	5363.7	5123.9	4796.3	4521.4
-42.5°	4966.0	4989.4	4960.1	4925.0	4849.0	4796.3	4685.2	4539.0	4340.1	4088.6	3842.9
-45°	4252.4	4258.2	4229.0	4205.6	4147.1	4082.7	3989.1	3872.2	3714.2	3538.8	3339.9
-47.5°	3690.8	3685.0	3655.7	3632.3	3585.6	3527.1	3451.0	3345.7	3222.9	3088.4	2930.4
-50°	3199.5	3228.8	3217.1	3193.7	3158.6	3117.6	3041.6	2930.4	2807.6	2708.2	2597.0
-52.5°	2860.3	2866.1	2860.3	2860.3	2854.4	2825.2	2737.4	2626.3	2491.8	2404.0	2310.4
-55°	2544.4	2573.6	2585.3	2597.0	2602.9	2602.9	2497.6	2380.6	2251.9	2164.2	2094.0
-57.5°	2287.0	2304.6	2316.3	2345.5	2368.9	2386.5	2292.9	2187.6	2088.2	2006.3	1941.9
-60°	2064.8	2088.2	2105.7	2135.0	2152.5	2164.2	2105.7	2035.5	1977.0	1924.4	1830.8
-62.5°	1865.9	1883.4	1901.0	1918.5	1936.1	1947.8	1924.4	1889.3	1860.0	1836.6	1719.7
-65°	1667.0	1684.6	1702.1	1725.5	1743.1	1754.8	1748.9	1725.5	1702.1	1678.7	1573.4
-67.5°	1485.7	1503.2	1526.6	1532.5	1544.2	1550.0	1538.3	1520.8	1491.5	1462.3	1380.4
-70°	1292.7	1304.4	1316.1	1316.1	1316.1	1310.2	1298.5	1275.1	1245.9	1204.9	1140.6
-72.5°	1117.2	1128.9	1140.6	1123.0	1111.3	1093.8	1076.3	1047.0	1017.8	988.5	953.4
-75°	953.4	959.3	959.3	935.9	918.3	900.8	877.4	859.8	830.6	807.2	777.9
-77.5°	760.4	760.4	760.4	742.8	731.1	719.5	701.9	684.4	661.0	643.4	620.0
-80°	590.8	590.8	590.8	584.9	567.4	555.7	544.0	532.3	514.7	503.0	491.3
-82.5°	450.4	450.4	450.4	444.5	432.8	427.0	415.3	403.6	397.7	386.0	380.2
-85°	327.6	333.4	333.4	327.6	321.7	310.0	304.2	298.3	292.5	286.6	274.9
-87.5°	222.3	222.3	222.3	216.4	210.6	210.6	204.7	193.0	181.3	175.5	169.6
-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	23.4	23.4	23.4	23.4	23.4	23.4	23.4	17.5
82.5°	29.2	29.2	35.1	35.1	40.9	40.9	40.9	40.9	40.9	40.9	40.9
80°	29.2	35.1	40.9	46.8	52.6	58.5	58.5	58.5	58.5	52.6	52.6
77.5°	35.1	35.1	40.9	46.8	52.6	58.5	64.3	70.2	64.3	64.3	64.3
75°	35.1	40.9	40.9	46.8	52.6	58.5	64.3	70.2	70.2	70.2	70.2
72.5°	29.2	35.1	40.9	46.8	46.8	52.6	58.5	58.5	64.3	64.3	70.2
70°	29.2	35.1	40.9	40.9	46.8	46.8	52.6	58.5	58.5	64.3	64.3
67.5°	35.1	40.9	40.9	46.8	52.6	52.6	52.6	58.5	58.5	64.3	64.3
65°	40.9	46.8	46.8	52.6	58.5	58.5	64.3	64.3	64.3	70.2	70.2
62.5°	70.2	70.2	70.2	64.3	70.2	70.2	70.2	76.0	76.0	70.2	76.0
60°	362.6	263.2	181.3	228.1	204.7	93.6	93.6	93.6	87.7	87.7	81.9
57.5°	854.0	795.5	684.4	579.1	520.6	462.1	286.6	117.0	117.0	105.3	93.6
55°	1427.2	1234.2	1152.3	1011.9	859.8	789.6	655.1	444.5	210.6	140.4	122.8
52.5°	2211.0	2029.7	1819.1	1532.5	1327.8	1164.0	1052.9	836.4	561.5	298.3	187.2
50°	2959.7	2877.8	2749.1	2468.4	2041.4	1766.5	1585.1	1339.5	1006.1	614.2	351.0
47.5°	4767.1	4082.7	3667.4	3451.0	3094.2	2573.6	2222.7	1947.8	1544.2	1035.3	620.0
45°	6001.3	5568.4	4907.5	4451.2	3924.8	3375.0	2918.7	2602.9	2123.3	1550.0	971.0
42.5°	7060.0	6685.6	6089.0	5422.2	4866.5	4147.1	3562.2	3146.9	2743.3	2117.4	1450.6
40°	8422.8	7978.3	7405.1	6755.8	6106.6	5188.2	4240.7	3737.6	3293.1	2737.4	1959.5
37.5°	10668.9	9885.1	8949.3	8229.8	7381.7	6603.7	5305.2	4416.1	3889.7	3310.6	2556.1
35°	13371.3	12511.4	10949.7	9996.3	8861.5	7703.4	6533.5	5217.5	4468.8	3854.6	3105.9
32.5°	15886.4	14628.8	12628.4	11511.2	10756.7	8621.7	7410.9	6270.3	5065.4	4310.9	3421.8
30°	16582.5	15196.2	13763.2	12458.8	11172.0	9446.4	8013.4	7124.3	5814.1	4585.8	3720.1
27.5°	15880.6	14927.1	13815.8	12605.0	11212.9	9733.1	8381.9	7533.8	6363.9	4772.9	3954.1
25°	15167.0	14172.6	13394.7	12382.7	11095.9	9715.5	8393.6	7791.1	6790.9	5135.6	4082.7
22.5°	14412.4	13792.4	13149.0	12020.1	10803.5	9768.2	8773.8	8013.4	7013.2	5545.0	4135.4
20°	14453.4	14049.8	13342.0	11832.9	10750.8	10078.2	9230.0	8294.2	7253.0	5901.8	4176.3
17.5°	15108.5	14582.0	13693.0	12382.7	11224.6	10394.0	9610.2	8680.2	7498.7	6217.7	4673.5
15°	15915.7	15114.3	14184.3	13032.0	11721.8	10739.1	9902.7	8949.3	7779.4	6510.2	5118.0
12.5°	16500.6	15360.0	14488.5	13447.3	12259.9	11113.5	10095.7	9154.0	8042.6	6750.0	5451.4
10°	16699.4	15664.1	14634.7	13704.7	12534.8	11312.3	10241.9	9282.7	8270.8	6937.1	5697.1
7.5°	16804.7	15927.4	14734.1	13821.6	12698.6	11435.2	10358.9	9352.9	8452.1	7065.8	5855.0
5°	16793.0	16067.7	14810.2	13856.7	12786.3	11487.8	10440.8	9370.4	8580.8	7177.0	5948.6
2.5°	16740.4	16161.3	14933.0	13915.2	12961.8	11587.3	10598.7	9405.5	8627.6	7299.8	6013.0
0°	16933.4	16167.2	15061.7	13932.8	13078.8	11622.3	10668.9	9376.3	8563.2	7334.9	6007.1
-2.5°	16518.1	15822.1	15032.4	13780.7	12920.9	11540.5	10540.2	9282.7	8422.8	7293.9	5983.7
-5°	16447.9	15570.6	14786.8	13640.3	12657.7	11370.8	10300.4	9107.2	8200.6	7159.4	5890.1
-7.5°	16260.8	15330.7	14546.9	13529.2	12412.0	11195.4	10072.3	8925.9	7960.8	6948.8	5755.6
-10°	15851.3	14962.2	14289.6	13289.4	12113.7	10943.8	9797.4	8686.1	7680.0	6662.2	5545.0
-12.5°	15266.4	14377.3	13710.5	12780.5	11739.3	10604.6	9469.8	8376.0	7358.3	6358.1	5293.5
-15°	14605.4	13704.7	13037.9	12189.7	11183.7	10078.2	9054.6	7984.1	6989.8	6036.4	4995.2
-17.5°	13856.7	13002.8	12359.3	11534.6	10534.4	9481.5	8463.8	7492.8	6562.8	5703.0	4650.1
-20°	12991.1	12160.5	11569.7	10745.0	9826.6	8803.0	7814.5	6896.2	6059.8	5252.6	4269.9

REPORT NUMBER: P722388

CATALOG NUMBER: IFLD-L-SA7D-722-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°	11920.7	11189.5	10516.8	9779.9	8978.5	8042.6	7124.3	6311.3	5509.9	4720.3	3878.0
-25°	10826.9	10119.1	9464.0	8791.3	8025.1	7217.9	6434.1	5697.1	4913.3	4199.7	3497.8
-27.5°	9610.2	8978.5	8393.6	7773.6	7071.7	6375.6	5732.2	5012.8	4334.3	3725.9	3123.5
-30°	8311.7	7797.0	7288.1	6738.3	6170.9	5586.0	5012.8	4334.3	3802.0	3316.5	2807.6
-32.5°	7065.8	6603.7	6194.3	5784.9	5293.5	4813.9	4305.0	3802.0	3357.4	2930.4	2503.5
-35°	5972.0	5480.7	5252.6	4925.0	4533.1	4100.3	3685.0	3334.0	2977.2	2591.2	2211.0
-37.5°	5024.5	4708.6	4439.5	4193.9	3883.9	3509.5	3211.2	2924.6	2626.3	2275.3	1947.8
-40°	4281.6	4053.5	3784.4	3603.1	3351.6	3082.5	2784.2	2544.4	2292.9	2006.3	1737.2
-42.5°	3685.0	3497.8	3322.3	3129.3	2942.1	2714.0	2456.7	2228.5	2000.4	1789.9	1567.6
-45°	3193.7	3059.1	2918.7	2760.8	2597.0	2398.2	2187.6	1953.6	1789.9	1602.7	1415.5
-47.5°	2790.1	2690.6	2573.6	2450.8	2310.4	2135.0	1941.9	1772.3	1602.7	1444.8	1263.4
-50°	2468.4	2374.8	2281.2	2175.9	2053.1	1901.0	1754.8	1596.8	1438.9	1286.8	1117.2
-52.5°	2199.3	2117.4	2041.4	1953.6	1836.6	1708.0	1573.4	1433.1	1286.8	1134.7	1000.2
-55°	2012.1	1918.5	1842.5	1754.8	1649.5	1526.6	1403.8	1275.1	1134.7	1017.8	906.6
-57.5°	1860.0	1754.8	1667.0	1573.4	1468.1	1362.9	1251.7	1134.7	1029.5	918.3	813.0
-60°	1731.4	1608.5	1509.1	1415.5	1316.1	1216.6	1123.0	1023.6	924.2	824.7	719.5
-62.5°	1596.8	1468.1	1345.3	1257.6	1181.5	1093.8	1011.9	918.3	830.6	731.1	655.1
-65°	1444.8	1321.9	1204.9	1128.9	1058.7	982.7	906.6	824.7	748.7	672.7	602.5
-67.5°	1275.1	1169.8	1087.9	1017.8	947.6	883.2	813.0	742.8	678.5	602.5	532.3
-70°	1070.4	1011.9	965.1	912.5	848.1	789.6	725.3	661.0	590.8	526.4	462.1
-72.5°	912.5	877.4	842.3	789.6	731.1	678.5	625.9	567.4	508.9	450.4	397.7
-75°	748.7	719.5	690.2	655.1	608.3	567.4	520.6	467.9	421.1	380.2	339.3
-77.5°	602.5	579.1	561.5	532.3	497.2	462.1	432.8	397.7	362.6	321.7	280.8
-80°	479.6	467.9	462.1	450.4	421.1	391.9	368.5	339.3	304.2	274.9	245.7
-82.5°	374.3	374.3	368.5	362.6	339.3	315.9	298.3	274.9	251.5	228.1	198.9
-85°	274.9	269.1	269.1	263.2	245.7	234.0	216.4	204.7	187.2	163.8	152.1
-87.5°	163.8	157.9	152.1	146.2	134.5	128.7	117.0	111.1	99.4	87.7	81.9
-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: P722388

CATALOG NUMBER: IFLD-L-SA7D-722-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°	35.1	35.1	29.2	29.2	23.4	17.5	11.7	11.7	11.7	5.8	5.8
80°	52.6	52.6	52.6	46.8	40.9	29.2	23.4	17.5	11.7	5.8	5.8
77.5°	64.3	58.5	58.5	52.6	52.6	46.8	35.1	29.2	17.5	11.7	5.8
75°	64.3	64.3	64.3	58.5	58.5	52.6	46.8	35.1	29.2	17.5	11.7
72.5°	70.2	64.3	64.3	64.3	58.5	52.6	46.8	40.9	35.1	23.4	11.7
70°	64.3	64.3	64.3	64.3	58.5	58.5	46.8	40.9	40.9	23.4	17.5
67.5°	64.3	64.3	64.3	58.5	58.5	52.6	46.8	40.9	40.9	29.2	17.5
65°	70.2	64.3	64.3	64.3	58.5	52.6	46.8	40.9	40.9	35.1	23.4
62.5°	76.0	70.2	70.2	64.3	58.5	52.6	46.8	40.9	40.9	35.1	23.4
60°	81.9	76.0	70.2	70.2	64.3	58.5	46.8	46.8	40.9	35.1	23.4
57.5°	87.7	81.9	81.9	76.0	70.2	64.3	52.6	46.8	40.9	35.1	29.2
55°	105.3	93.6	87.7	87.7	81.9	70.2	58.5	46.8	40.9	35.1	29.2
52.5°	140.4	111.1	99.4	99.4	93.6	81.9	64.3	52.6	40.9	35.1	29.2
50°	222.3	140.4	117.0	105.3	105.3	93.6	76.0	58.5	40.9	35.1	29.2
47.5°	351.0	234.0	140.4	122.8	117.0	111.1	87.7	58.5	46.8	35.1	29.2
45°	579.1	345.1	228.1	146.2	122.8	117.0	99.4	64.3	46.8	40.9	29.2
42.5°	795.5	538.1	351.0	175.5	146.2	128.7	105.3	70.2	52.6	40.9	29.2
40°	1251.7	737.0	491.3	286.6	169.6	134.5	117.0	81.9	52.6	40.9	29.2
37.5°	1696.3	976.8	661.0	421.1	193.0	152.1	122.8	87.7	58.5	40.9	35.1
35°	2140.8	1368.7	818.9	561.5	257.4	181.3	128.7	93.6	58.5	40.9	35.1
32.5°	2538.5	1737.2	982.7	701.9	386.0	216.4	140.4	99.4	64.3	46.8	35.1
30°	2866.1	2076.5	1275.1	824.7	503.0	263.2	152.1	99.4	70.2	46.8	35.1
27.5°	3111.8	2339.7	1573.4	953.4	602.5	310.0	175.5	111.1	70.2	46.8	35.1
25°	3310.6	2544.4	1836.6	1087.9	690.2	386.0	210.6	117.0	76.0	52.6	35.1
22.5°	3468.6	2714.0	2053.1	1269.3	795.5	462.1	257.4	128.7	76.0	52.6	35.1
20°	3685.0	2883.7	2199.3	1462.3	906.6	532.3	298.3	140.4	76.0	52.6	40.9
17.5°	3872.2	3053.3	2316.3	1626.1	1017.8	584.9	345.1	152.1	81.9	52.6	40.9
15°	4088.6	3217.1	2421.6	1754.8	1123.0	631.7	386.0	163.8	81.9	58.5	40.9
12.5°	4322.6	3369.1	2497.6	1860.0	1234.2	672.7	421.1	187.2	87.7	58.5	40.9
10°	4562.4	3497.8	2561.9	1936.1	1316.1	713.6	444.5	210.6	93.6	58.5	40.9
7.5°	4802.2	3614.8	2643.8	1971.2	1351.2	760.4	456.2	234.0	93.6	64.3	40.9
5°	4966.0	3690.8	2760.8	1994.6	1368.7	813.0	473.8	263.2	99.4	64.3	40.9
2.5°	5106.3	3737.6	2883.7	2012.1	1374.6	842.3	467.9	280.8	105.3	64.3	40.9
0°	5170.7	3737.6	2965.5	2000.4	1357.0	871.5	467.9	298.3	105.3	64.3	40.9
-2.5°	5071.3	3842.9	2942.1	2006.3	1362.9	871.5	491.3	304.2	117.0	70.2	40.9
-5°	4913.3	3883.9	2872.0	1977.0	1351.2	871.5	520.6	310.0	122.8	70.2	46.8
-7.5°	4761.2	3901.4	2790.1	1947.8	1333.6	848.1	526.4	304.2	134.5	76.0	46.8
-10°	4562.4	3708.4	2684.8	1895.1	1298.5	830.6	538.1	304.2	140.4	76.0	46.8
-12.5°	4334.3	3474.4	2556.1	1819.1	1257.6	813.0	544.0	304.2	146.2	81.9	46.8
-15°	4071.0	3234.6	2409.9	1737.2	1199.1	789.6	532.3	298.3	152.1	81.9	52.6
-17.5°	3772.7	3000.6	2257.8	1637.8	1134.7	760.4	508.9	292.5	152.1	81.9	52.6
-20°	3433.5	2766.7	2088.2	1538.3	1058.7	725.3	485.5	280.8	152.1	81.9	52.6



REPORT NUMBER: P722388

CATALOG NUMBER: IFLD-L-SA7D-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3129.3	2550.2	1912.7	1427.2	976.8	684.4	456.2	269.1	152.1	87.7	52.6
-25°	2877.8	2339.7	1778.2	1316.1	889.1	637.6	427.0	257.4	152.1	87.7	52.6
-27.5°	2614.6	2111.6	1637.8	1210.8	830.6	596.6	397.7	245.7	146.2	87.7	52.6
-30°	2345.5	1889.3	1491.5	1093.8	772.1	555.7	374.3	228.1	146.2	87.7	52.6
-32.5°	2099.9	1708.0	1357.0	976.8	707.8	514.7	351.0	222.3	140.4	87.7	52.6
-35°	1860.0	1544.2	1216.6	883.2	637.6	473.8	327.6	216.4	140.4	87.7	52.6
-37.5°	1661.2	1392.1	1087.9	818.9	596.6	438.7	304.2	204.7	134.5	87.7	52.6
-40°	1497.4	1251.7	965.1	748.7	561.5	403.6	280.8	198.9	134.5	87.7	52.6
-42.5°	1345.3	1117.2	889.1	690.2	526.4	380.2	263.2	193.0	128.7	87.7	52.6
-45°	1210.8	1000.2	813.0	637.6	485.5	351.0	251.5	181.3	122.8	87.7	58.5
-47.5°	1076.3	918.3	742.8	590.8	444.5	315.9	239.8	175.5	117.0	81.9	58.5
-50°	971.0	830.6	684.4	538.1	403.6	304.2	228.1	163.8	117.0	81.9	58.5
-52.5°	877.4	748.7	620.0	485.5	368.5	286.6	216.4	152.1	111.1	81.9	58.5
-55°	789.6	672.7	555.7	432.8	345.1	269.1	198.9	140.4	111.1	81.9	58.5
-57.5°	701.9	602.5	491.3	391.9	315.9	251.5	187.2	140.4	111.1	81.9	58.5
-60°	631.7	538.1	444.5	362.6	292.5	228.1	169.6	134.5	105.3	81.9	58.5
-62.5°	573.2	485.5	403.6	327.6	269.1	204.7	163.8	134.5	105.3	81.9	52.6
-65°	514.7	438.7	362.6	298.3	239.8	193.0	157.9	128.7	105.3	81.9	52.6
-67.5°	456.2	386.0	327.6	263.2	222.3	187.2	152.1	128.7	99.4	76.0	52.6
-70°	397.7	339.3	286.6	245.7	210.6	175.5	146.2	122.8	99.4	70.2	46.8
-72.5°	351.0	298.3	257.4	228.1	198.9	169.6	140.4	117.0	93.6	64.3	40.9
-75°	298.3	263.2	234.0	204.7	181.3	157.9	134.5	105.3	81.9	58.5	40.9
-77.5°	251.5	228.1	204.7	187.2	163.8	140.4	117.0	93.6	76.0	52.6	35.1
-80°	216.4	198.9	181.3	163.8	146.2	122.8	105.3	81.9	64.3	46.8	29.2
-82.5°	175.5	163.8	146.2	134.5	122.8	105.3	87.7	70.2	46.8	35.1	23.4
-85°	134.5	122.8	117.0	105.3	93.6	76.0	58.5	46.8	35.1	23.4	11.7
-87.5°	70.2	64.3	58.5	52.6	46.8	35.1	29.2	23.4	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: P722388

CATALOG NUMBER: IFLD-L-SA7D-722-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°	23.4	11.7	5.8	0.0
37.5°	23.4	11.7	5.8	0.0
35°	23.4	11.7	5.8	0.0
32.5°	23.4	11.7	5.8	0.0
30°	23.4	11.7	5.8	0.0
27.5°	23.4	17.5	5.8	0.0
25°	23.4	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°	35.1	17.5	5.8	0.0
-15°	35.1	17.5	5.8	0.0
-17.5°	35.1	17.5	5.8	0.0
-20°	35.1	17.5	5.8	0.0

REPORT NUMBER: P722388

CATALOG NUMBER: IFLD-L-SA7D-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	35.1	17.5	5.8	0.0
-25°	35.1	17.5	5.8	0.0
-27.5°	35.1	17.5	5.8	0.0
-30°	35.1	17.5	5.8	0.0
-32.5°	35.1	17.5	5.8	0.0
-35°	35.1	17.5	5.8	0.0
-37.5°	35.1	17.5	5.8	0.0
-40°	35.1	17.5	5.8	0.0
-42.5°	29.2	17.5	5.8	0.0
-45°	35.1	17.5	5.8	0.0
-47.5°	35.1	17.5	5.8	0.0
-50°	35.1	17.5	5.8	0.0
-52.5°	35.1	17.5	5.8	0.0
-55°	35.1	17.5	5.8	0.0
-57.5°	35.1	17.5	5.8	0.0
-60°	35.1	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°	23.4	11.7	5.8	0.0
-75°	23.4	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)