

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: P722620

Luminaire Tested: **IFLD-L-SA7D-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722620
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

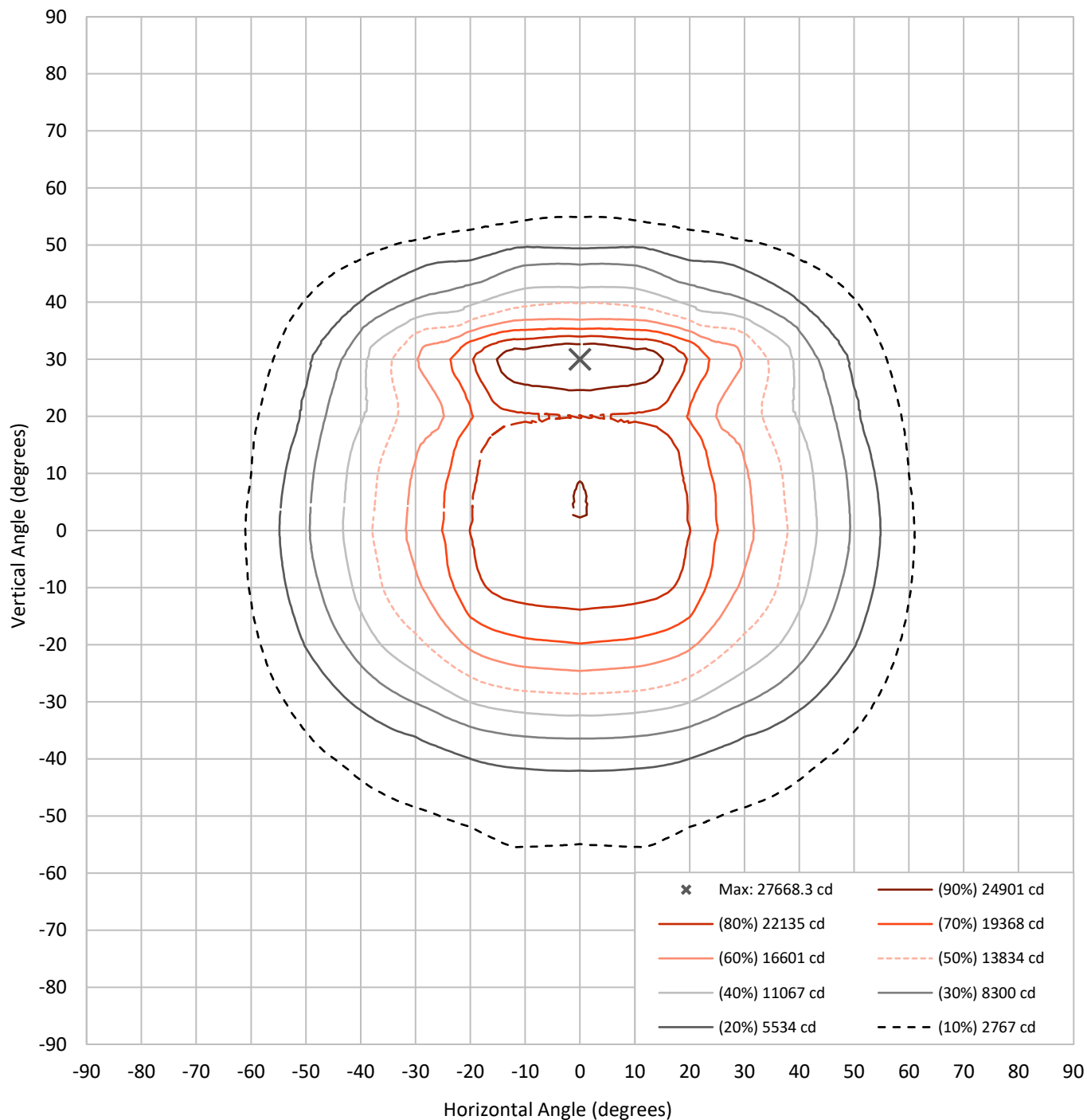
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	39633.1 lumens	Max Intensity:	27668.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	93.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	25284.2 lumens	Field Lumens:	37365.1 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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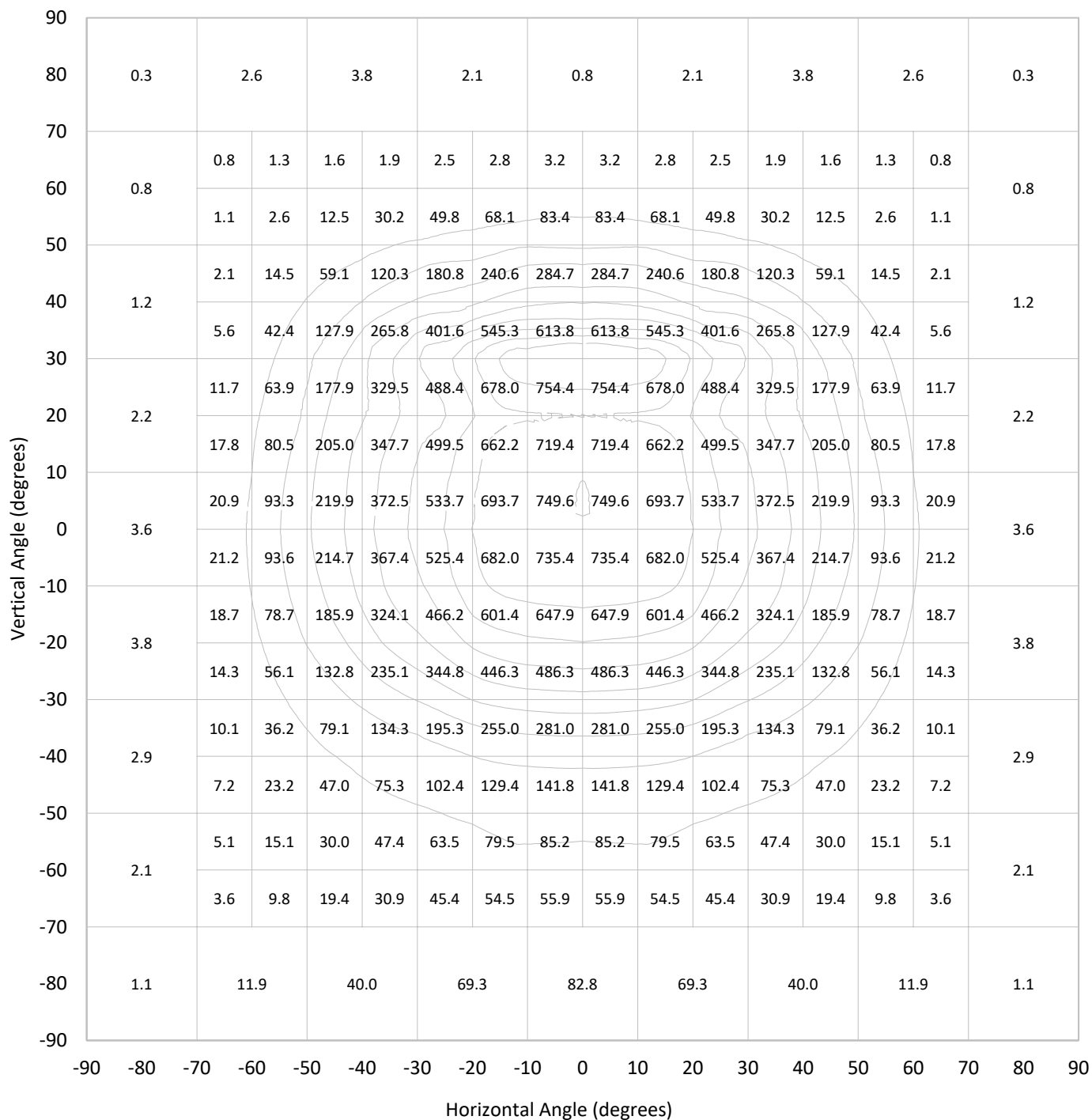
Iso-Candela Plot



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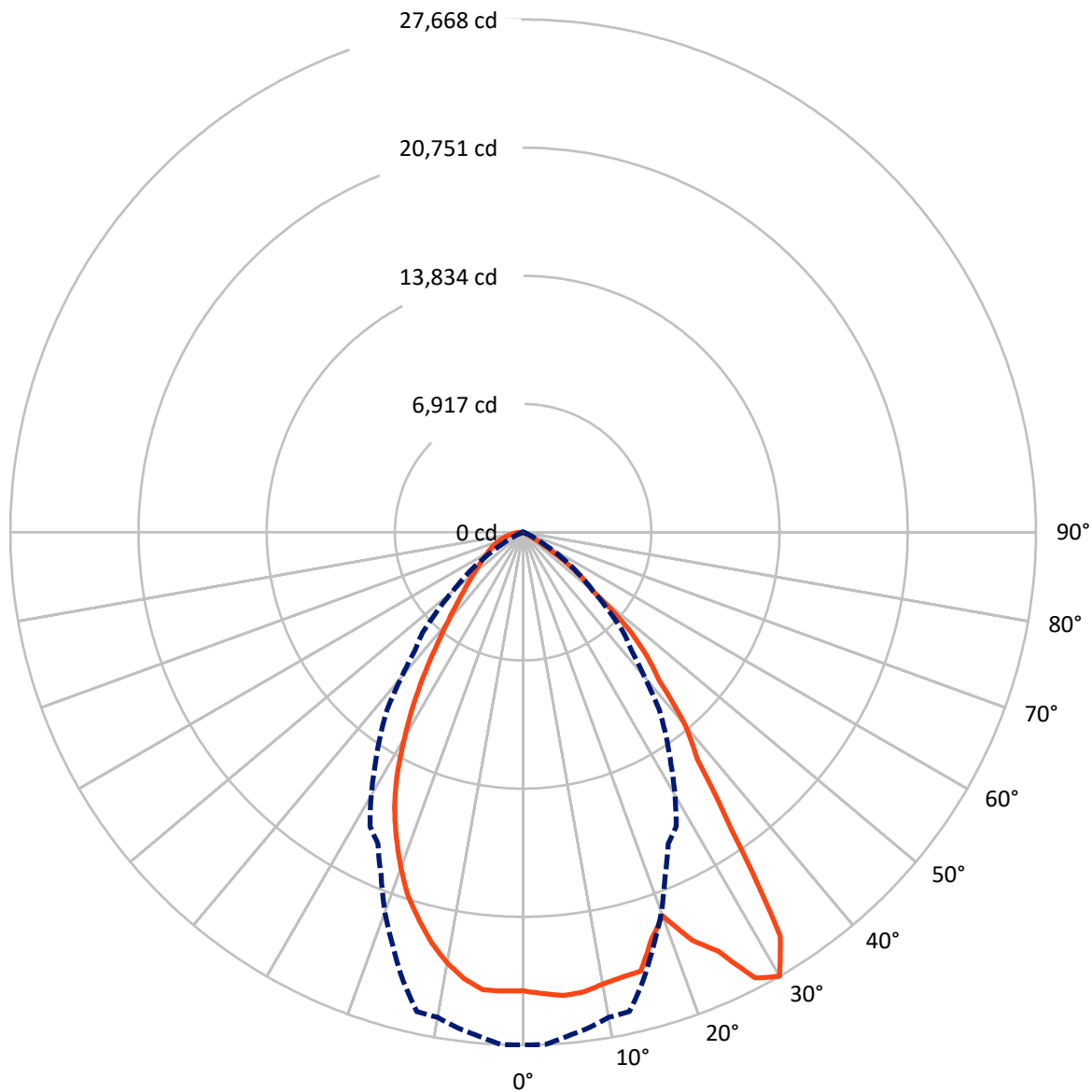
Lumen Table



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Luminous Intensity Polar Plot

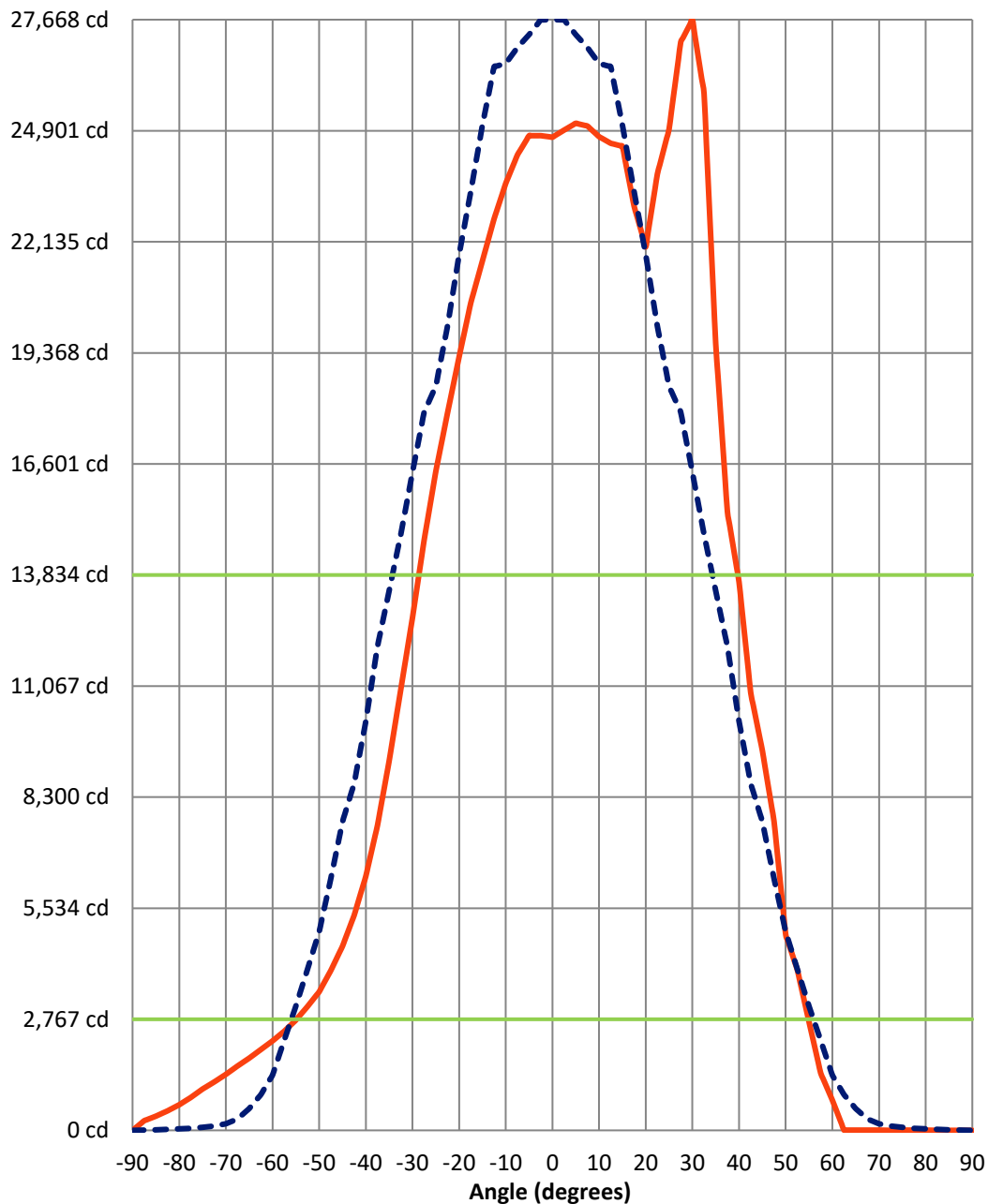


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 25284.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 37365.1

Efficiency: 94.3%

Spill:

Lumens: 2268

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	6.3	6.3	6.3	6.3	6.3	6.3	6.3
85°	0.0	6.3	6.3	6.3	12.6	12.6	12.6	12.6	12.6	12.6	18.9
82.5°	0.0	6.3	6.3	6.3	12.6	12.6	12.6	12.6	18.9	18.9	25.2
80°	6.3	6.3	6.3	6.3	12.6	12.6	12.6	18.9	18.9	25.2	25.2
77.5°	6.3	6.3	6.3	12.6	12.6	12.6	18.9	18.9	25.2	25.2	31.5
75°	6.3	6.3	6.3	12.6	12.6	18.9	18.9	18.9	25.2	25.2	31.5
72.5°	0.0	6.3	6.3	12.6	12.6	18.9	18.9	18.9	25.2	25.2	25.2
70°	6.3	6.3	6.3	12.6	12.6	18.9	18.9	18.9	25.2	25.2	25.2
67.5°	6.3	6.3	6.3	12.6	12.6	18.9	18.9	25.2	25.2	25.2	31.5
65°	6.3	6.3	6.3	12.6	18.9	18.9	25.2	31.5	31.5	37.9	44.2
62.5°	6.3	12.6	12.6	18.9	25.2	31.5	69.4	107.3	107.3	75.7	63.1
60°	750.9	814.0	807.6	731.9	637.3	536.3	517.4	498.5	460.6	403.8	422.8
57.5°	1426.0	1501.7	1533.3	1514.3	1463.9	1375.5	1325.0	1268.3	1192.5	1104.2	1003.3
55°	2700.6	2732.1	2662.7	2530.2	2385.1	2240.0	2189.5	2113.8	2000.2	1886.6	1735.2
52.5°	3994.1	4101.3	4069.8	3937.3	3741.7	3483.0	3199.0	2978.2	2845.7	2719.5	2568.1
50°	4877.4	4921.6	5009.9	5167.7	5224.5	5047.8	4587.2	3994.1	3571.3	3785.9	3621.8
47.5°	7697.9	7918.7	7874.6	7761.0	7571.7	7092.2	6448.6	5918.6	5476.9	5331.7	5357.0
45°	9458.3	9546.7	9515.1	9464.6	9376.3	8928.3	8215.3	7401.3	6991.2	6827.2	6656.8
42.5°	10903.3	10997.9	11016.8	11023.1	10928.5	10518.4	9874.8	9060.8	8650.7	8177.4	7805.2
40°	13660.6	13799.4	13641.7	13433.5	13118.0	12651.1	12020.1	11269.2	10543.6	9963.1	9521.4
37.5°	15421.1	15591.4	15654.5	15641.9	15572.5	15370.6	14594.5	13881.5	12771.0	11471.1	11704.6
35°	19598.1	19774.8	19724.3	19535.0	19434.1	19219.5	18462.4	17616.8	16222.4	14809.0	14430.4
32.5°	25825.8	26210.7	25491.4	24702.7	24216.9	24387.2	23617.4	21547.8	20904.2	18355.1	17175.2
30°	27668.3	27662.0	27296.0	26974.2	26576.7	26494.7	25043.4	23390.3	21812.8	20027.2	18538.1
27.5°	27106.7	26993.2	26684.0	26450.5	26078.2	25882.6	24462.9	23150.5	21327.0	19730.6	18292.0
25°	24942.5	25030.8	24715.3	24671.2	24526.0	24147.4	23440.8	21964.3	20336.4	18569.6	17534.8
22.5°	23825.7	23794.1	23415.5	23194.7	23371.3	22967.5	22683.6	21194.5	19497.2	18008.1	16765.0
20°	22008.4	22014.8	21920.1	21901.2	21793.9	21610.9	21383.8	20330.0	19131.2	17856.6	16361.2
17.5°	23024.3	23283.0	23396.6	22456.4	22721.4	22513.2	22273.5	20803.3	19901.0	18771.5	16821.8
15°	24513.4	24418.8	24305.2	24254.7	24109.6	23914.0	23478.6	22305.0	20752.8	19585.5	18064.8
12.5°	24589.1	24406.1	24362.0	24355.7	24204.2	23932.9	23510.2	22538.5	21162.9	19743.2	18506.5
10°	24753.2	24563.9	24538.7	24570.2	24336.7	24166.4	23743.6	22841.3	21289.1	20014.6	18847.3
7.5°	25018.2	24702.7	24847.8	24753.2	24645.9	24374.6	23920.3	23036.9	21749.7	20374.2	19150.1
5°	25087.6	24740.6	24898.3	24810.0	24652.2	24387.2	23895.1	23163.1	22033.7	20519.3	19270.0
2.5°	24917.2	24816.3	24746.9	24582.8	24513.4	24223.2	23756.2	22973.8	21901.2	20456.2	19244.8
0°	24740.6	24828.9	24671.2	24507.1	24475.6	24242.1	23844.6	23137.9	22210.4	20632.9	19459.3
-2.5°	24778.4	24709.0	24601.8	24431.4	24267.3	23932.9	23573.3	22910.7	21913.8	20248.0	19156.4
-5°	24778.4	24456.6	24469.2	24475.6	24311.5	23964.5	23529.1	22967.5	21737.1	20241.7	19068.1
-7.5°	24298.9	24021.3	23977.1	23939.2	23895.1	23573.3	23232.5	22532.2	21440.6	20077.7	18822.0
-10°	23592.2	23320.9	23346.1	23289.3	23150.5	22936.0	22677.3	22046.3	21150.3	19560.3	18323.5
-12.5°	22708.8	22588.9	22519.5	22424.9	22286.1	22096.8	21831.8	21238.7	20279.6	18923.0	17749.4
-15°	21661.4	21573.1	21510.0	21453.2	21251.3	21055.7	20708.6	20159.7	19560.3	18102.7	16903.8
-17.5°	20614.0	20393.1	20304.8	20229.1	20096.6	19781.1	19465.6	19055.5	18216.3	17061.6	16033.1
-20°	19270.0	19137.5	19030.2	18929.3	18740.0	18493.9	18235.2	17762.0	17036.4	16102.5	15036.2

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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°	17862.9	17787.2	17698.9	17572.7	17446.5	17213.0	16853.4	16399.1	15831.2	14821.6	13824.7
-25°	16411.7	16266.6	16159.3	16039.4	15938.5	15723.9	15376.9	14941.5	14228.5	13357.8	12524.9
-27.5°	14701.7	14562.9	14506.1	14367.3	14279.0	14083.4	13736.3	13332.5	12688.9	11957.0	11111.5
-30°	12771.0	12796.2	12733.1	12600.6	12493.3	12240.9	11975.9	11635.2	11130.4	10430.0	9672.9
-32.5°	10985.3	11016.8	10941.1	10802.3	10663.5	10480.5	10234.4	9925.3	9546.7	8877.8	8221.6
-35°	9199.6	9187.0	9123.9	9041.9	8947.2	8795.8	8518.2	8284.7	7849.3	7382.4	6928.1
-37.5°	7597.0	7628.5	7609.6	7565.4	7458.1	7331.9	7104.8	6890.3	6568.5	6158.3	5805.0
-40°	6328.7	6366.5	6341.3	6297.1	6202.5	6126.8	5975.3	5786.0	5527.3	5174.0	4877.4
-42.5°	5357.0	5382.2	5350.7	5312.8	5230.8	5174.0	5054.1	4896.4	4681.8	4410.5	4145.5
-45°	4587.2	4593.5	4562.0	4536.7	4473.6	4404.2	4303.3	4177.1	4006.7	3817.4	3602.9
-47.5°	3981.5	3975.1	3943.6	3918.4	3867.9	3804.8	3722.8	3609.2	3476.7	3331.6	3161.2
-50°	3451.4	3483.0	3470.4	3445.1	3407.3	3363.1	3281.1	3161.2	3028.7	2921.4	2801.5
-52.5°	3085.5	3091.8	3085.5	3085.5	3079.2	3047.6	2953.0	2833.1	2688.0	2593.3	2492.4
-55°	2744.7	2776.3	2788.9	2801.5	2807.8	2807.8	2694.3	2568.1	2429.3	2334.6	2258.9
-57.5°	2467.1	2486.0	2498.7	2530.2	2555.5	2574.4	2473.4	2359.9	2252.6	2164.2	2094.8
-60°	2227.3	2252.6	2271.5	2303.1	2322.0	2334.6	2271.5	2195.8	2132.7	2075.9	1975.0
-62.5°	2012.8	2031.7	2050.7	2069.6	2088.5	2101.1	2075.9	2038.1	2006.5	1981.3	1855.1
-65°	1798.3	1817.2	1836.1	1861.4	1880.3	1892.9	1886.6	1861.4	1836.1	1810.9	1697.3
-67.5°	1602.7	1621.6	1646.8	1653.2	1665.8	1672.1	1659.5	1640.5	1609.0	1577.4	1489.1
-70°	1394.5	1407.1	1419.7	1419.7	1419.7	1413.4	1400.8	1375.5	1344.0	1299.8	1230.4
-72.5°	1205.2	1217.8	1230.4	1211.5	1198.9	1179.9	1161.0	1129.4	1097.9	1066.3	1028.5
-75°	1028.5	1034.8	1034.8	1009.6	990.6	971.7	946.5	927.5	896.0	870.7	839.2
-77.5°	820.3	820.3	820.3	801.3	788.7	776.1	757.2	738.2	713.0	694.1	668.8
-80°	637.3	637.3	637.3	631.0	612.0	599.4	586.8	574.2	555.3	542.6	530.0
-82.5°	485.9	485.9	485.9	479.5	466.9	460.6	448.0	435.4	429.1	416.4	410.1
-85°	353.3	359.7	359.7	353.3	347.0	334.4	328.1	321.8	315.5	309.2	296.6
-87.5°	239.8	239.8	239.8	233.5	227.2	227.2	220.8	208.2	195.6	189.3	183.0
-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°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
85°	18.9	18.9	18.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2	18.9
82.5°	31.5	31.5	37.9	37.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2
80°	31.5	37.9	44.2	50.5	56.8	63.1	63.1	63.1	63.1	56.8	56.8
77.5°	37.9	37.9	44.2	50.5	56.8	63.1	69.4	75.7	69.4	69.4	69.4
75°	37.9	44.2	44.2	50.5	56.8	63.1	69.4	75.7	75.7	75.7	75.7
72.5°	31.5	37.9	44.2	50.5	50.5	56.8	63.1	63.1	69.4	69.4	75.7
70°	31.5	37.9	44.2	44.2	50.5	50.5	56.8	63.1	63.1	69.4	69.4
67.5°	37.9	44.2	44.2	50.5	56.8	56.8	56.8	63.1	63.1	69.4	69.4
65°	44.2	50.5	50.5	56.8	63.1	63.1	69.4	69.4	69.4	75.7	75.7
62.5°	75.7	75.7	75.7	69.4	75.7	75.7	75.7	82.0	82.0	75.7	82.0
60°	391.2	283.9	195.6	246.1	220.8	101.0	101.0	101.0	94.6	94.6	88.3
57.5°	921.2	858.1	738.2	624.7	561.6	498.5	309.2	126.2	126.2	113.6	101.0
55°	1539.6	1331.4	1243.0	1091.6	927.5	851.8	706.7	479.5	227.2	151.4	132.5
52.5°	2385.1	2189.5	1962.3	1653.2	1432.3	1255.6	1135.8	902.3	605.7	321.8	201.9
50°	3192.7	3104.4	2965.6	2662.7	2202.1	1905.5	1709.9	1444.9	1085.3	662.5	378.6
47.5°	5142.5	4404.2	3956.2	3722.8	3337.9	2776.3	2397.7	2101.1	1665.8	1116.8	668.8
45°	6473.8	6006.9	5293.9	4801.7	4233.8	3640.7	3148.6	2807.8	2290.4	1672.1	1047.4
42.5°	7615.9	7212.1	6568.5	5849.1	5249.7	4473.6	3842.6	3394.7	2959.3	2284.1	1564.8
40°	9086.1	8606.5	7988.2	7287.8	6587.4	5596.8	4574.6	4031.9	3552.4	2953.0	2113.8
37.5°	11509.0	10663.5	9653.9	8877.8	7962.9	7123.7	5723.0	4763.9	4196.0	3571.3	2757.4
35°	14424.1	13496.6	11811.9	10783.4	9559.3	8310.0	7048.0	5628.3	4820.7	4158.1	3350.5
32.5°	17137.3	15780.7	13622.8	12417.6	11603.6	9300.6	7994.5	6764.1	5464.3	4650.3	3691.2
30°	17888.2	16392.8	14846.9	13439.8	12051.6	10190.3	8644.4	7685.3	6271.9	4946.9	4013.0
27.5°	17131.0	16102.5	14903.7	13597.5	12095.8	10499.4	9041.9	8127.0	6865.0	5148.8	4265.4
25°	16361.2	15288.5	14449.3	13357.8	11969.6	10480.5	9054.5	8404.6	7325.6	5540.0	4404.2
22.5°	15547.2	14878.4	14184.3	12966.6	11654.1	10537.3	9464.6	8644.4	7565.4	5981.7	4461.0
20°	15591.4	15156.0	14392.6	12764.6	11597.3	10871.7	9956.8	8947.2	7824.1	6366.5	4505.2
17.5°	16298.1	15730.2	14771.1	13357.8	12108.4	11212.4	10366.9	9363.7	8089.1	6707.3	5041.5
15°	17168.9	16304.4	15301.2	14058.1	12644.8	11584.7	10682.4	9653.9	8392.0	7022.8	5521.0
12.5°	17799.8	16569.4	15629.3	14506.1	13225.3	11988.5	10890.6	9874.8	8675.9	7281.5	5880.7
10°	18014.4	16897.5	15787.0	14783.8	13521.8	12203.1	11048.4	10013.6	8922.0	7483.4	6145.7
7.5°	18127.9	17181.5	15894.3	14910.0	13698.5	12335.6	11174.6	10089.3	9117.6	7622.2	6316.1
5°	18115.3	17332.9	15976.3	14947.8	13793.1	12392.4	11262.9	10108.2	9256.4	7742.1	6417.0
2.5°	18058.5	17433.9	16108.8	15010.9	13982.4	12499.6	11433.3	10146.1	9306.9	7874.6	6486.4
0°	18266.8	17440.2	16247.6	15029.8	14108.6	12537.5	11509.0	10114.5	9237.5	7912.4	6480.1
-2.5°	17818.8	17067.9	16216.1	14865.8	13938.3	12449.2	11370.2	10013.6	9086.1	7868.3	6454.9
-5°	17743.0	16796.6	15951.1	14714.4	13654.3	12266.2	11111.5	9824.3	8846.3	7723.1	6353.9
-7.5°	17541.1	16537.9	15692.4	14594.5	13389.3	12076.9	10865.4	9628.7	8587.6	7496.0	6208.8
-10°	17099.4	16140.4	15414.7	14335.8	13067.5	11805.6	10568.8	9370.0	8284.7	7186.8	5981.7
-12.5°	16468.5	15509.4	14790.1	13786.8	12663.7	11439.6	10215.5	9035.6	7937.7	6858.7	5710.3
-15°	15755.5	14783.8	14064.5	13149.5	12064.3	10871.7	9767.5	8612.8	7540.2	6511.7	5388.5
-17.5°	14947.8	14026.6	13332.5	12442.8	11363.9	10228.1	9130.2	8082.8	7079.6	6152.0	5016.3
-20°	14014.0	13118.0	12480.7	11591.0	10600.4	9496.2	8429.8	7439.2	6536.9	5666.2	4606.1

REPORT NUMBER: P722620

CATALOG NUMBER: IFLD-L-SA7D-830-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°	12859.3	12070.6	11344.9	10549.9	9685.5	8675.9	7685.3	6808.2	5943.8	5092.0	4183.4
-25°	11679.4	10915.9	10209.2	9483.6	8657.0	7786.2	6940.7	6145.7	5300.2	4530.4	3773.2
-27.5°	10366.9	9685.5	9054.5	8385.7	7628.5	6877.6	6183.6	5407.5	4675.5	4019.3	3369.4
-30°	8966.2	8410.9	7862.0	7268.8	6656.8	6025.8	5407.5	4675.5	4101.3	3577.6	3028.7
-32.5°	7622.2	7123.7	6682.0	6240.4	5710.3	5192.9	4644.0	4101.3	3621.8	3161.2	2700.6
-35°	6442.3	5912.2	5666.2	5312.8	4890.1	4423.1	3975.1	3596.6	3211.7	2795.2	2385.1
-37.5°	5420.1	5079.4	4789.1	4524.1	4189.7	3785.9	3464.1	3154.9	2833.1	2454.5	2101.1
-40°	4618.7	4372.7	4082.4	3886.8	3615.5	3325.2	3003.4	2744.7	2473.4	2164.2	1874.0
-42.5°	3975.1	3773.2	3583.9	3375.7	3173.8	2927.7	2650.1	2404.0	2157.9	1930.8	1691.0
-45°	3445.1	3300.0	3148.6	2978.2	2801.5	2587.0	2359.9	2107.5	1930.8	1728.9	1527.0
-47.5°	3009.8	2902.5	2776.3	2643.8	2492.4	2303.1	2094.8	1911.9	1728.9	1558.5	1362.9
-50°	2662.7	2561.8	2460.8	2347.2	2214.7	2050.7	1892.9	1722.6	1552.2	1388.1	1205.2
-52.5°	2372.5	2284.1	2202.1	2107.5	1981.3	1842.4	1697.3	1545.9	1388.1	1224.1	1079.0
-55°	2170.6	2069.6	1987.6	1892.9	1779.4	1646.8	1514.3	1375.5	1224.1	1097.9	978.0
-57.5°	2006.5	1892.9	1798.3	1697.3	1583.7	1470.2	1350.3	1224.1	1110.5	990.6	877.1
-60°	1867.7	1735.2	1627.9	1527.0	1419.7	1312.4	1211.5	1104.2	996.9	889.7	776.1
-62.5°	1722.6	1583.7	1451.2	1356.6	1274.6	1179.9	1091.6	990.6	896.0	788.7	706.7
-65°	1558.5	1426.0	1299.8	1217.8	1142.1	1060.0	978.0	889.7	807.6	725.6	649.9
-67.5°	1375.5	1262.0	1173.6	1097.9	1022.2	952.8	877.1	801.3	731.9	649.9	574.2
-70°	1154.7	1091.6	1041.1	984.3	914.9	851.8	782.4	713.0	637.3	567.9	498.5
-72.5°	984.3	946.5	908.6	851.8	788.7	731.9	675.1	612.0	548.9	485.9	429.1
-75°	807.6	776.1	744.6	706.7	656.2	612.0	561.6	504.8	454.3	410.1	366.0
-77.5°	649.9	624.7	605.7	574.2	536.3	498.5	466.9	429.1	391.2	347.0	302.9
-80°	517.4	504.8	498.5	485.9	454.3	422.8	397.5	366.0	328.1	296.6	265.0
-82.5°	403.8	403.8	397.5	391.2	366.0	340.7	321.8	296.6	271.3	246.1	214.5
-85°	296.6	290.2	290.2	283.9	265.0	252.4	233.5	220.8	201.9	176.7	164.1
-87.5°	176.7	170.4	164.1	157.7	145.1	138.8	126.2	119.9	107.3	94.6	88.3
-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: P722620

CATALOG NUMBER: IFLD-L-SA7D-830-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°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	0.0	0.0
85°	18.9	12.6	12.6	12.6	12.6	12.6	6.3	6.3	6.3	6.3	6.3
82.5°	37.9	37.9	31.5	31.5	25.2	18.9	12.6	12.6	12.6	6.3	6.3
80°	56.8	56.8	56.8	50.5	44.2	31.5	25.2	18.9	12.6	6.3	6.3
77.5°	69.4	63.1	63.1	56.8	56.8	50.5	37.9	31.5	18.9	12.6	6.3
75°	69.4	69.4	69.4	63.1	63.1	56.8	50.5	37.9	31.5	18.9	12.6
72.5°	75.7	69.4	69.4	69.4	63.1	56.8	50.5	44.2	37.9	25.2	12.6
70°	69.4	69.4	69.4	69.4	63.1	63.1	50.5	44.2	44.2	25.2	18.9
67.5°	69.4	69.4	69.4	63.1	63.1	56.8	50.5	44.2	44.2	31.5	18.9
65°	75.7	69.4	69.4	69.4	63.1	56.8	50.5	44.2	44.2	37.9	25.2
62.5°	82.0	75.7	75.7	69.4	63.1	56.8	50.5	44.2	44.2	37.9	25.2
60°	88.3	82.0	75.7	75.7	69.4	63.1	50.5	50.5	44.2	37.9	25.2
57.5°	94.6	88.3	88.3	82.0	75.7	69.4	56.8	50.5	44.2	37.9	31.5
55°	113.6	101.0	94.6	94.6	88.3	75.7	63.1	50.5	44.2	37.9	31.5
52.5°	151.4	119.9	107.3	107.3	101.0	88.3	69.4	56.8	44.2	37.9	31.5
50°	239.8	151.4	126.2	113.6	113.6	101.0	82.0	63.1	44.2	37.9	31.5
47.5°	378.6	252.4	151.4	132.5	126.2	119.9	94.6	63.1	50.5	37.9	31.5
45°	624.7	372.3	246.1	157.7	132.5	126.2	107.3	69.4	50.5	44.2	31.5
42.5°	858.1	580.5	378.6	189.3	157.7	138.8	113.6	75.7	56.8	44.2	31.5
40°	1350.3	795.0	530.0	309.2	183.0	145.1	126.2	88.3	56.8	44.2	31.5
37.5°	1829.8	1053.7	713.0	454.3	208.2	164.1	132.5	94.6	63.1	44.2	37.9
35°	2309.4	1476.5	883.4	605.7	277.6	195.6	138.8	101.0	63.1	44.2	37.9
32.5°	2738.4	1874.0	1060.0	757.2	416.4	233.5	151.4	107.3	69.4	50.5	37.9
30°	3091.8	2240.0	1375.5	889.7	542.6	283.9	164.1	107.3	75.7	50.5	37.9
27.5°	3356.8	2523.9	1697.3	1028.5	649.9	334.4	189.3	119.9	75.7	50.5	37.9
25°	3571.3	2744.7	1981.3	1173.6	744.6	416.4	227.2	126.2	82.0	56.8	37.9
22.5°	3741.7	2927.7	2214.7	1369.2	858.1	498.5	277.6	138.8	82.0	56.8	37.9
20°	3975.1	3110.7	2372.5	1577.4	978.0	574.2	321.8	151.4	82.0	56.8	44.2
17.5°	4177.1	3293.7	2498.7	1754.1	1097.9	631.0	372.3	164.1	88.3	56.8	44.2
15°	4410.5	3470.4	2612.2	1892.9	1211.5	681.5	416.4	176.7	88.3	63.1	44.2
12.5°	4662.9	3634.4	2694.3	2006.5	1331.4	725.6	454.3	201.9	94.6	63.1	44.2
10°	4921.6	3773.2	2763.7	2088.5	1419.7	769.8	479.5	227.2	101.0	63.1	44.2
7.5°	5180.3	3899.4	2852.0	2126.4	1457.6	820.3	492.2	252.4	101.0	69.4	44.2
5°	5357.0	3981.5	2978.2	2151.6	1476.5	877.1	511.1	283.9	107.3	69.4	44.2
2.5°	5508.4	4031.9	3110.7	2170.6	1482.8	908.6	504.8	302.9	113.6	69.4	44.2
0°	5577.8	4031.9	3199.0	2157.9	1463.9	940.2	504.8	321.8	113.6	69.4	44.2
-2.5°	5470.6	4145.5	3173.8	2164.2	1470.2	940.2	530.0	328.1	126.2	75.7	44.2
-5°	5300.2	4189.7	3098.1	2132.7	1457.6	940.2	561.6	334.4	132.5	75.7	50.5
-7.5°	5136.1	4208.6	3009.8	2101.1	1438.6	914.9	567.9	328.1	145.1	82.0	50.5
-10°	4921.6	4000.4	2896.2	2044.4	1400.8	896.0	580.5	328.1	151.4	82.0	50.5
-12.5°	4675.5	3748.0	2757.4	1962.3	1356.6	877.1	586.8	328.1	157.7	88.3	50.5
-15°	4391.6	3489.3	2599.6	1874.0	1293.5	851.8	574.2	321.8	164.1	88.3	56.8
-17.5°	4069.8	3236.9	2435.6	1766.7	1224.1	820.3	548.9	315.5	164.1	88.3	56.8
-20°	3703.8	2984.5	2252.6	1659.5	1142.1	782.4	523.7	302.9	164.1	88.3	56.8

REPORT NUMBER: P722620

CATALOG NUMBER: IFLD-L-SA7D-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3375.7	2751.1	2063.3	1539.6	1053.7	738.2	492.2	290.2	164.1	94.6	56.8
-25°	3104.4	2523.9	1918.2	1419.7	959.1	687.8	460.6	277.6	164.1	94.6	56.8
-27.5°	2820.5	2277.8	1766.7	1306.1	896.0	643.6	429.1	265.0	157.7	94.6	56.8
-30°	2530.2	2038.1	1609.0	1179.9	832.9	599.4	403.8	246.1	157.7	94.6	56.8
-32.5°	2265.2	1842.4	1463.9	1053.7	763.5	555.3	378.6	239.8	151.4	94.6	56.8
-35°	2006.5	1665.8	1312.4	952.8	687.8	511.1	353.3	233.5	151.4	94.6	56.8
-37.5°	1792.0	1501.7	1173.6	883.4	643.6	473.2	328.1	220.8	145.1	94.6	56.8
-40°	1615.3	1350.3	1041.1	807.6	605.7	435.4	302.9	214.5	145.1	94.6	56.8
-42.5°	1451.2	1205.2	959.1	744.6	567.9	410.1	283.9	208.2	138.8	94.6	56.8
-45°	1306.1	1079.0	877.1	687.8	523.7	378.6	271.3	195.6	132.5	94.6	63.1
-47.5°	1161.0	990.6	801.3	637.3	479.5	340.7	258.7	189.3	126.2	88.3	63.1
-50°	1047.4	896.0	738.2	580.5	435.4	328.1	246.1	176.7	126.2	88.3	63.1
-52.5°	946.5	807.6	668.8	523.7	397.5	309.2	233.5	164.1	119.9	88.3	63.1
-55°	851.8	725.6	599.4	466.9	372.3	290.2	214.5	151.4	119.9	88.3	63.1
-57.5°	757.2	649.9	530.0	422.8	340.7	271.3	201.9	151.4	119.9	88.3	63.1
-60°	681.5	580.5	479.5	391.2	315.5	246.1	183.0	145.1	113.6	88.3	63.1
-62.5°	618.4	523.7	435.4	353.3	290.2	220.8	176.7	145.1	113.6	88.3	56.8
-65°	555.3	473.2	391.2	321.8	258.7	208.2	170.4	138.8	113.6	88.3	56.8
-67.5°	492.2	416.4	353.3	283.9	239.8	201.9	164.1	138.8	107.3	82.0	56.8
-70°	429.1	366.0	309.2	265.0	227.2	189.3	157.7	132.5	107.3	75.7	50.5
-72.5°	378.6	321.8	277.6	246.1	214.5	183.0	151.4	126.2	101.0	69.4	44.2
-75°	321.8	283.9	252.4	220.8	195.6	170.4	145.1	113.6	88.3	63.1	44.2
-77.5°	271.3	246.1	220.8	201.9	176.7	151.4	126.2	101.0	82.0	56.8	37.9
-80°	233.5	214.5	195.6	176.7	157.7	132.5	113.6	88.3	69.4	50.5	31.5
-82.5°	189.3	176.7	157.7	145.1	132.5	113.6	94.6	75.7	50.5	37.9	25.2
-85°	145.1	132.5	126.2	113.6	101.0	82.0	63.1	50.5	37.9	25.2	12.6
-87.5°	75.7	69.4	63.1	56.8	50.5	37.9	31.5	25.2	18.9	12.6	6.3
-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: P722620

CATALOG NUMBER: IFLD-L-SA7D-830-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°	6.3	0.0	0.0	0.0
77.5°	6.3	0.0	0.0	0.0
75°	6.3	6.3	0.0	0.0
72.5°	6.3	6.3	0.0	0.0
70°	6.3	6.3	0.0	0.0
67.5°	12.6	6.3	0.0	0.0
65°	12.6	6.3	0.0	0.0
62.5°	12.6	6.3	0.0	0.0
60°	12.6	6.3	0.0	0.0
57.5°	18.9	6.3	6.3	0.0
55°	18.9	6.3	6.3	0.0
52.5°	18.9	6.3	6.3	0.0
50°	18.9	12.6	6.3	0.0
47.5°	18.9	12.6	6.3	0.0
45°	18.9	12.6	6.3	0.0
42.5°	18.9	12.6	6.3	0.0
40°	25.2	12.6	6.3	0.0
37.5°	25.2	12.6	6.3	0.0
35°	25.2	12.6	6.3	0.0
32.5°	25.2	12.6	6.3	0.0
30°	25.2	12.6	6.3	0.0
27.5°	25.2	18.9	6.3	0.0
25°	25.2	18.9	6.3	0.0
22.5°	31.5	18.9	6.3	0.0
20°	31.5	18.9	6.3	0.0
17.5°	31.5	18.9	6.3	0.0
15°	31.5	18.9	6.3	0.0
12.5°	31.5	18.9	6.3	0.0
10°	31.5	18.9	6.3	0.0
7.5°	31.5	18.9	6.3	0.0
5°	31.5	18.9	6.3	0.0
2.5°	31.5	18.9	6.3	0.0
0°	31.5	18.9	6.3	0.0
-2.5°	31.5	18.9	6.3	0.0
-5°	31.5	18.9	6.3	0.0
-7.5°	31.5	18.9	6.3	0.0
-10°	31.5	18.9	6.3	0.0
-12.5°	37.9	18.9	6.3	0.0
-15°	37.9	18.9	6.3	0.0
-17.5°	37.9	18.9	6.3	0.0
-20°	37.9	18.9	6.3	0.0



REPORT NUMBER: P722620

CATALOG NUMBER: IFLD-L-SA7D-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	37.9	18.9	6.3	0.0
-25°	37.9	18.9	6.3	0.0
-27.5°	37.9	18.9	6.3	0.0
-30°	37.9	18.9	6.3	0.0
-32.5°	37.9	18.9	6.3	0.0
-35°	37.9	18.9	6.3	0.0
-37.5°	37.9	18.9	6.3	0.0
-40°	37.9	18.9	6.3	0.0
-42.5°	31.5	18.9	6.3	0.0
-45°	37.9	18.9	6.3	0.0
-47.5°	37.9	18.9	6.3	0.0
-50°	37.9	18.9	6.3	0.0
-52.5°	37.9	18.9	6.3	0.0
-55°	37.9	18.9	6.3	0.0
-57.5°	37.9	18.9	6.3	0.0
-60°	37.9	18.9	6.3	0.0
-62.5°	31.5	18.9	6.3	0.0
-65°	31.5	12.6	6.3	0.0
-67.5°	31.5	12.6	6.3	0.0
-70°	31.5	12.6	6.3	0.0
-72.5°	25.2	12.6	6.3	0.0
-75°	25.2	12.6	6.3	0.0
-77.5°	18.9	6.3	0.0	0.0
-80°	18.9	6.3	0.0	0.0
-82.5°	12.6	6.3	0.0	0.0
-85°	6.3	6.3	0.0	0.0
-87.5°	6.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)