

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: P722683

Luminaire Tested: **IFLD-L-SA8D-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722683
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

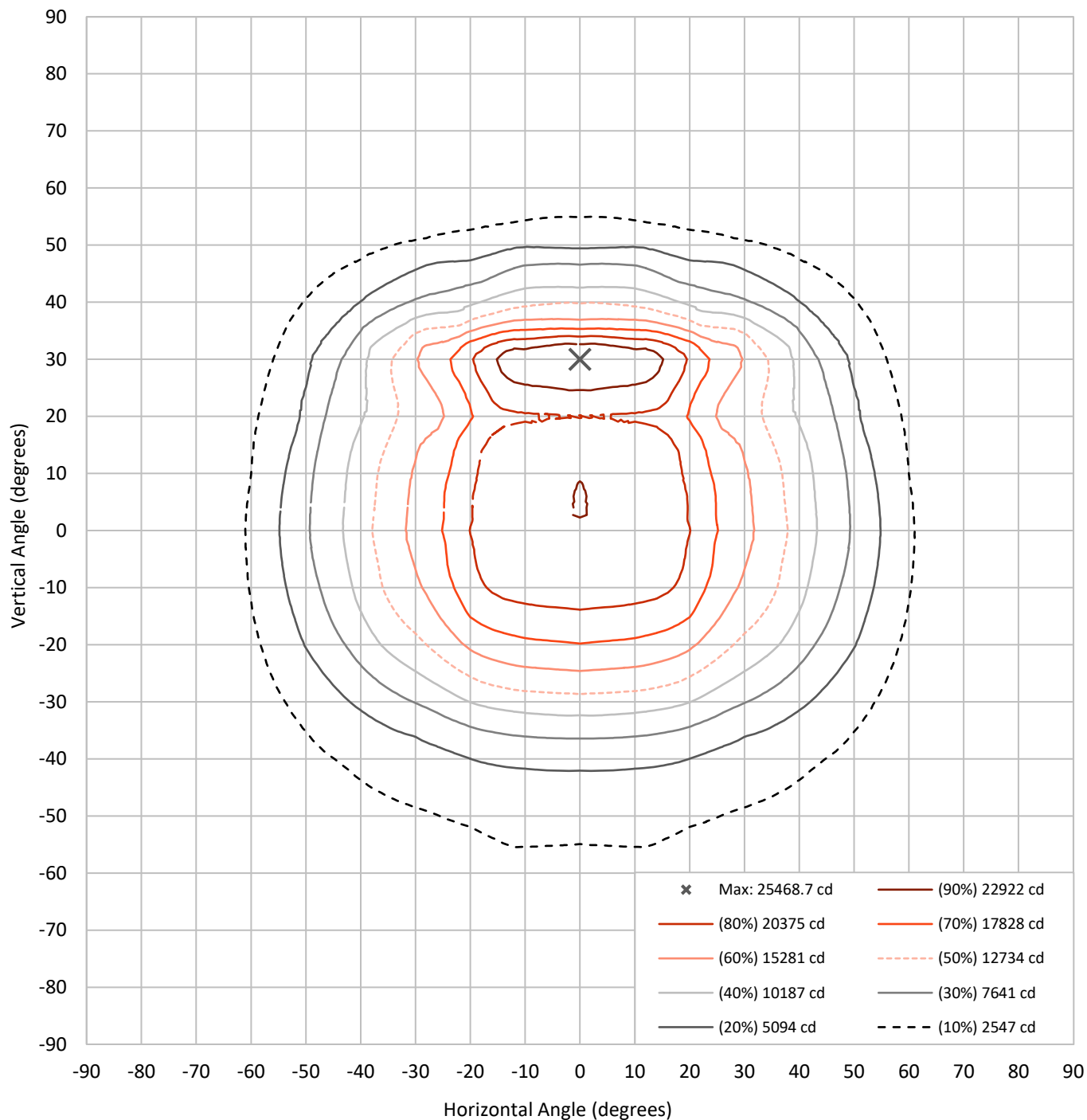
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	36482.3 lumens	Max Intensity:	25468.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	74.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	23274.1 lumens	Field Lumens:	34394.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	488.3		
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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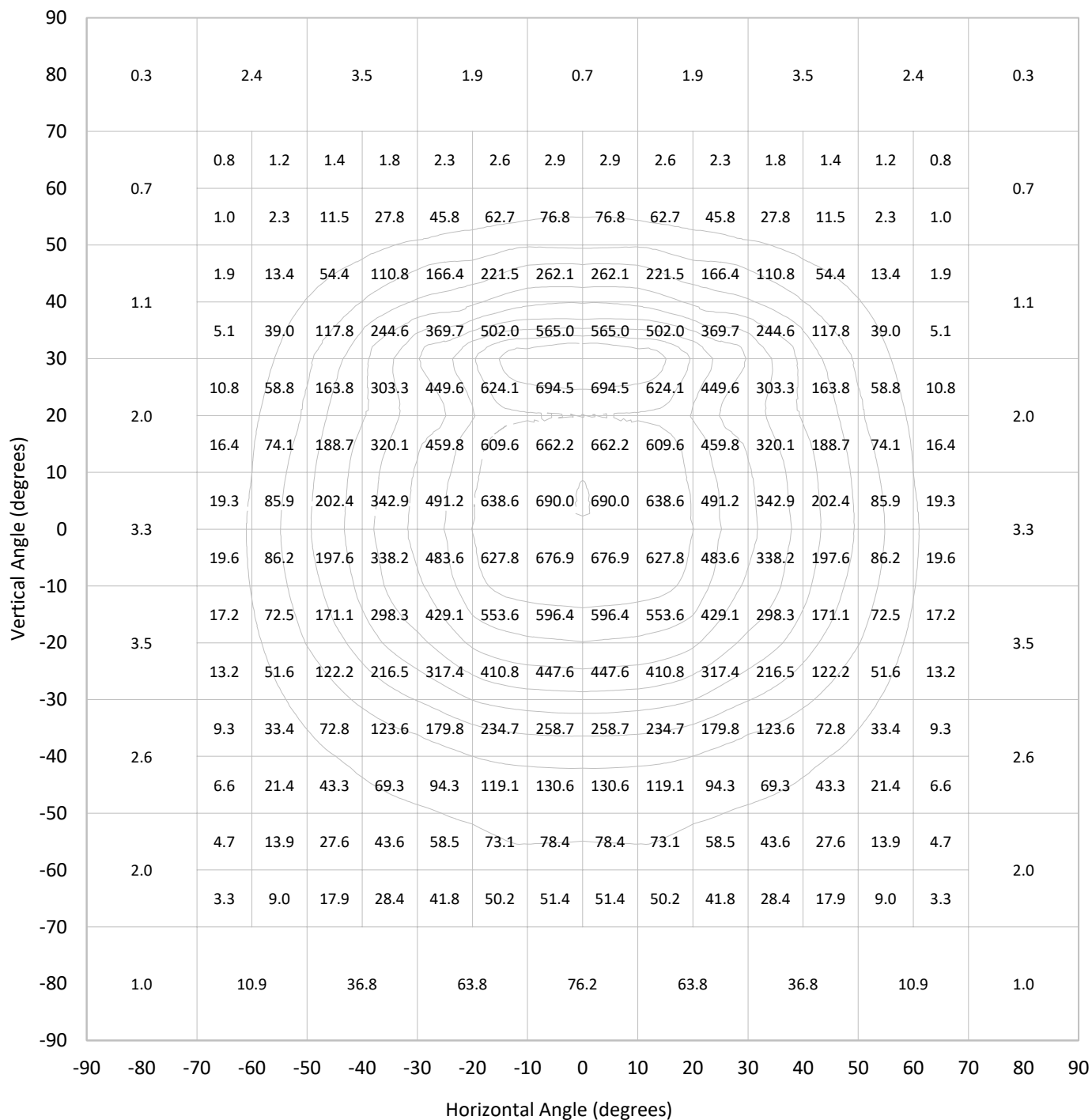
Iso-Candela Plot



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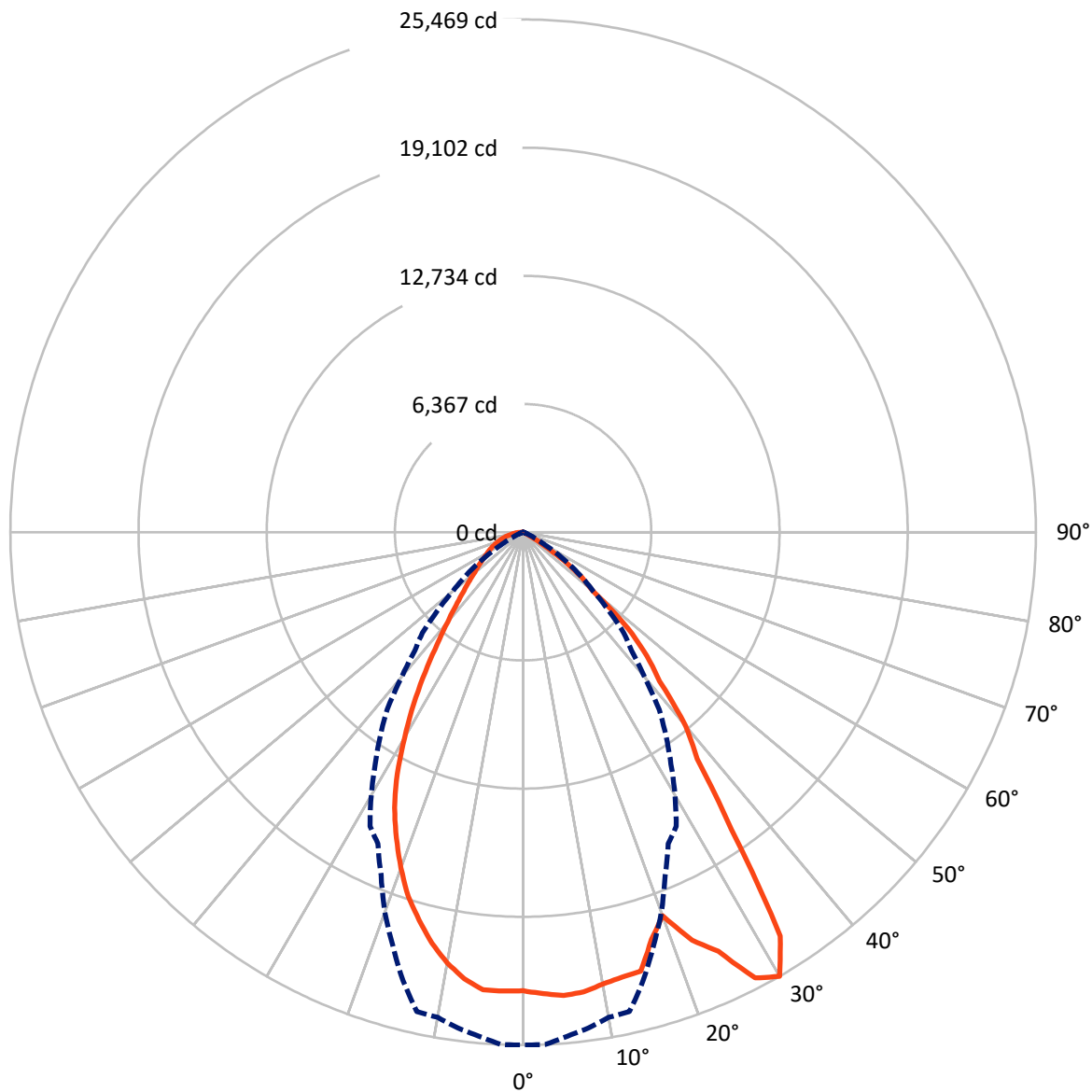
Lumen Table



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Luminous Intensity Polar Plot

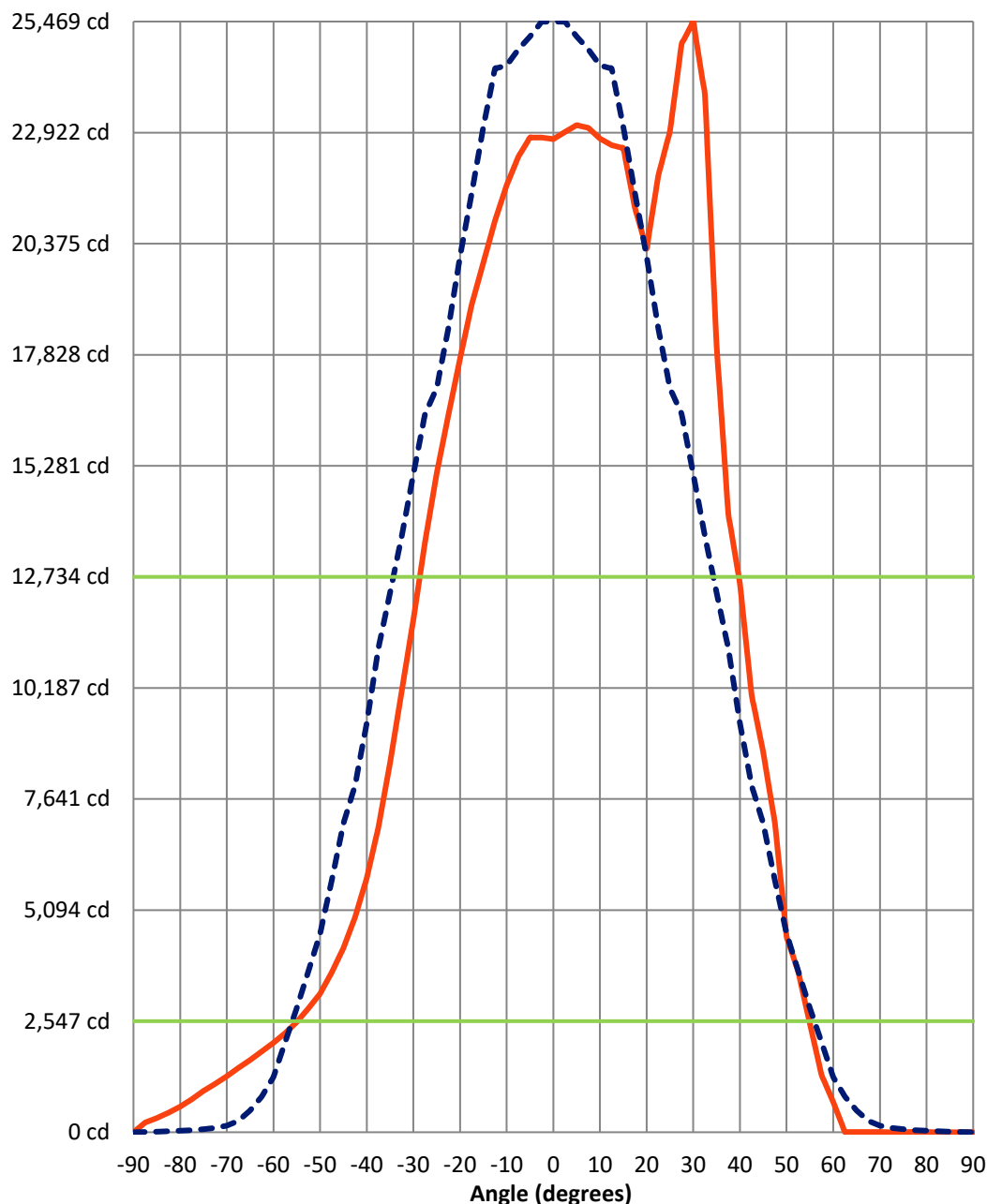


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 23274.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 34394.6

Efficiency: 94.3%

Spill:

Lumens: 2087.7

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	11.6	11.6	11.6	11.6	11.6	11.6	17.4
82.5°	0.0	5.8	5.8	5.8	11.6	11.6	11.6	11.6	17.4	17.4	23.2
80°	5.8	5.8	5.8	5.8	11.6	11.6	11.6	17.4	17.4	23.2	23.2
77.5°	5.8	5.8	5.8	11.6	11.6	11.6	17.4	17.4	23.2	23.2	29.0
75°	5.8	5.8	5.8	11.6	11.6	17.4	17.4	17.4	23.2	23.2	29.0
72.5°	0.0	5.8	5.8	11.6	11.6	17.4	17.4	17.4	23.2	23.2	23.2
70°	5.8	5.8	5.8	11.6	11.6	17.4	17.4	17.4	23.2	23.2	23.2
67.5°	5.8	5.8	5.8	11.6	11.6	17.4	17.4	23.2	23.2	23.2	29.0
65°	5.8	5.8	5.8	11.6	17.4	17.4	23.2	29.0	29.0	34.8	40.7
62.5°	5.8	11.6	11.6	17.4	23.2	29.0	63.9	98.7	98.7	69.7	58.1
60°	691.2	749.3	743.4	673.7	586.6	493.7	476.3	458.8	424.0	371.7	389.1
57.5°	1312.6	1382.3	1411.4	1394.0	1347.5	1266.2	1219.7	1167.4	1097.7	1016.4	923.5
55°	2485.9	2514.9	2451.0	2329.1	2195.5	2061.9	2015.4	1945.7	1841.2	1736.6	1597.2
52.5°	3676.6	3775.3	3746.3	3624.3	3444.2	3206.1	2944.7	2741.4	2619.5	2503.3	2363.9
50°	4489.7	4530.4	4611.7	4756.9	4809.1	4646.5	4222.5	3676.6	3287.4	3484.9	3333.9
47.5°	7085.9	7289.2	7248.6	7144.0	6969.8	6528.4	5935.9	5448.0	5041.5	4907.9	4931.1
45°	8706.4	8787.7	8758.7	8712.2	8630.9	8218.5	7562.2	6813.0	6435.4	6284.4	6127.6
42.5°	10036.5	10123.6	10141.0	10146.8	10059.7	9682.2	9089.7	8340.5	7963.0	7527.4	7184.7
40°	12574.6	12702.4	12557.2	12365.5	12075.1	11645.3	11064.5	10373.3	9705.4	9171.1	8764.5
37.5°	14195.1	14351.9	14410.0	14398.4	14334.5	14148.6	13434.2	12777.9	11755.7	10559.2	10774.1
35°	18040.1	18202.7	18156.3	17982.0	17889.1	17691.6	16994.6	16216.3	14932.7	13631.7	13283.2
32.5°	23772.7	24127.0	23464.9	22738.9	22291.7	22448.5	21739.9	19834.8	19242.4	16895.9	15809.8
30°	25468.7	25462.9	25126.0	24829.8	24463.9	24388.4	23052.5	21530.8	20078.7	18435.0	17064.3
27.5°	24951.8	24847.2	24562.6	24347.7	24005.1	23825.0	22518.2	21310.1	19631.5	18162.1	16837.8
25°	22959.6	23040.9	22750.5	22709.8	22576.2	22227.8	21577.2	20218.1	18719.6	17093.4	16140.8
22.5°	21931.5	21902.5	21554.0	21350.7	21513.4	21141.6	20880.3	19509.6	17947.2	16576.4	15432.2
20°	20258.8	20264.6	20177.5	20160.1	20061.3	19892.9	19683.8	18713.8	17610.3	16437.0	15060.5
17.5°	21193.9	21432.0	21536.6	20671.2	20915.1	20723.5	20502.7	19149.4	18318.9	17279.2	15484.5
15°	22564.6	22477.5	22373.0	22326.5	22192.9	22012.9	21612.1	20531.8	19103.0	18028.5	16628.7
12.5°	22634.3	22465.9	22425.2	22419.4	22280.0	22030.3	21641.1	20746.7	19480.5	18173.7	17035.3
10°	22785.3	22611.1	22587.9	22616.9	22402.0	22245.2	21856.0	21025.5	19596.7	18423.4	17348.9
7.5°	23029.3	22738.9	22872.5	22785.3	22686.6	22436.9	22018.7	21205.5	20020.7	18754.5	17627.7
5°	23093.2	22773.7	22918.9	22837.6	22692.4	22448.5	21995.4	21321.7	20282.0	18888.1	17738.1
2.5°	22936.4	22843.4	22779.5	22628.5	22564.6	22297.5	21867.7	21147.4	20160.1	18830.0	17714.8
0°	22773.7	22855.0	22709.8	22558.8	22529.8	22314.9	21949.0	21298.5	20444.7	18992.6	17912.3
-2.5°	22808.6	22744.7	22645.9	22489.1	22338.1	22030.3	21699.2	21089.4	20171.7	18638.3	17633.5
-5°	22808.6	22512.4	22524.0	22529.8	22378.8	22059.3	21658.6	21141.6	20009.1	18632.5	17552.2
-7.5°	22367.2	22111.6	22070.9	22036.1	21995.4	21699.2	21385.6	20740.9	19736.1	18481.5	17325.7
-10°	21716.6	21466.9	21490.1	21437.9	21310.1	21112.6	20874.5	20293.6	19468.9	18005.2	16866.8
-12.5°	20903.5	20793.1	20729.3	20642.1	20514.4	20340.1	20096.2	19550.2	18667.4	17418.6	16338.3
-15°	19939.4	19858.0	19800.0	19747.7	19561.8	19381.8	19062.3	18557.0	18005.2	16663.6	15560.0
-17.5°	18975.2	18771.9	18690.6	18620.9	18498.9	18208.5	17918.1	17540.6	16768.1	15705.2	14758.5
-20°	17738.1	17616.1	17517.4	17424.4	17250.2	17023.7	16785.5	16349.9	15682.0	14822.4	13840.8



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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°	16442.9	16373.2	16291.8	16175.7	16059.5	15844.6	15513.5	15095.4	14572.6	13643.3	12725.6
-25°	15107.0	14973.4	14874.7	14764.3	14671.4	14473.9	14154.4	13753.7	13097.4	12295.8	11529.2
-27.5°	13533.0	13405.2	13352.9	13225.1	13143.8	12963.8	12644.3	12272.6	11680.2	11006.4	10228.1
-30°	11755.7	11778.9	11720.8	11598.9	11500.1	11267.8	11023.9	10710.2	10245.6	9600.9	8903.9
-32.5°	10112.0	10141.0	10071.3	9943.5	9815.8	9647.3	9420.8	9136.2	8787.7	8172.1	7568.0
-35°	8468.3	8456.7	8398.6	8323.1	8235.9	8096.6	7841.0	7626.1	7225.3	6795.5	6377.3
-37.5°	6993.0	7022.0	7004.6	6964.0	6865.2	6749.1	6540.0	6342.5	6046.3	5668.7	5343.5
-40°	5825.6	5860.4	5837.2	5796.5	5709.4	5639.7	5500.3	5326.1	5087.9	4762.7	4489.7
-42.5°	4931.1	4954.3	4925.3	4890.5	4815.0	4762.7	4652.3	4507.1	4309.6	4059.9	3815.9
-45°	4222.5	4228.3	4199.3	4176.1	4118.0	4054.1	3961.2	3845.0	3688.2	3513.9	3316.4
-47.5°	3664.9	3659.1	3630.1	3606.9	3560.4	3502.3	3426.8	3322.3	3200.3	3066.7	2909.9
-50°	3177.1	3206.1	3194.5	3171.2	3136.4	3095.7	3020.2	2909.9	2787.9	2689.2	2578.8
-52.5°	2840.2	2846.0	2840.2	2840.2	2834.4	2805.3	2718.2	2607.9	2474.3	2387.1	2294.2
-55°	2526.5	2555.6	2567.2	2578.8	2584.6	2584.6	2480.1	2363.9	2236.1	2149.0	2079.3
-57.5°	2271.0	2288.4	2300.0	2329.1	2352.3	2369.7	2276.8	2172.2	2073.5	1992.2	1928.3
-60°	2050.3	2073.5	2090.9	2120.0	2137.4	2149.0	2090.9	2021.2	1963.2	1910.9	1817.9
-62.5°	1852.8	1870.2	1887.6	1905.1	1922.5	1934.1	1910.9	1876.0	1847.0	1823.8	1707.6
-65°	1655.3	1672.7	1690.2	1713.4	1730.8	1742.4	1736.6	1713.4	1690.2	1666.9	1562.4
-67.5°	1475.3	1492.7	1515.9	1521.7	1533.3	1539.2	1527.5	1510.1	1481.1	1452.0	1370.7
-70°	1283.6	1295.2	1306.8	1306.8	1306.8	1301.0	1289.4	1266.2	1237.1	1196.5	1132.6
-72.5°	1109.4	1121.0	1132.6	1115.2	1103.5	1086.1	1068.7	1039.7	1010.6	981.6	946.7
-75°	946.7	952.5	952.5	929.3	911.9	894.5	871.2	853.8	824.8	801.5	772.5
-77.5°	755.1	755.1	755.1	737.6	726.0	714.4	697.0	679.6	656.3	638.9	615.7
-80°	586.6	586.6	586.6	580.8	563.4	551.8	540.2	528.5	511.1	499.5	487.9
-82.5°	447.2	447.2	447.2	441.4	429.8	424.0	412.4	400.8	395.0	383.3	377.5
-85°	325.3	331.1	331.1	325.3	319.4	307.8	302.0	296.2	290.4	284.6	273.0
-87.5°	220.7	220.7	220.7	214.9	209.1	209.1	203.3	191.7	180.1	174.2	168.4
-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°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
85°	17.4	17.4	17.4	23.2	23.2	23.2	23.2	23.2	23.2	23.2	17.4
82.5°	29.0	29.0	34.8	34.8	40.7	40.7	40.7	40.7	40.7	40.7	40.7
80°	29.0	34.8	40.7	46.5	52.3	58.1	58.1	58.1	58.1	52.3	52.3
77.5°	34.8	34.8	40.7	46.5	52.3	58.1	63.9	69.7	63.9	63.9	63.9
75°	34.8	40.7	40.7	46.5	52.3	58.1	63.9	69.7	69.7	69.7	69.7
72.5°	29.0	34.8	40.7	46.5	46.5	52.3	58.1	58.1	63.9	63.9	69.7
70°	29.0	34.8	40.7	40.7	46.5	46.5	52.3	58.1	58.1	63.9	63.9
67.5°	34.8	40.7	40.7	46.5	52.3	52.3	52.3	58.1	58.1	63.9	63.9
65°	40.7	46.5	46.5	52.3	58.1	58.1	63.9	63.9	63.9	69.7	69.7
62.5°	69.7	69.7	69.7	63.9	69.7	69.7	69.7	75.5	75.5	69.7	75.5
60°	360.1	261.4	180.1	226.5	203.3	92.9	92.9	92.9	87.1	87.1	81.3
57.5°	848.0	789.9	679.6	575.0	516.9	458.8	284.6	116.2	116.2	104.5	92.9
55°	1417.2	1225.5	1144.2	1004.8	853.8	784.1	650.5	441.4	209.1	139.4	122.0
52.5°	2195.5	2015.4	1806.3	1521.7	1318.4	1155.8	1045.5	830.6	557.6	296.2	185.9
50°	2938.9	2857.6	2729.8	2451.0	2027.0	1754.1	1574.0	1330.1	999.0	609.9	348.5
47.5°	4733.6	4054.1	3641.7	3426.8	3072.5	2555.6	2207.1	1934.1	1533.3	1028.0	615.7
45°	5959.2	5529.4	4873.0	4420.0	3897.3	3351.3	2898.3	2584.6	2108.4	1539.2	964.2
42.5°	7010.4	6638.7	6046.3	5384.1	4832.4	4118.0	3537.2	3124.8	2724.0	2102.5	1440.4
40°	8363.7	7922.3	7353.1	6708.4	6063.7	5151.8	4210.9	3711.4	3270.0	2718.2	1945.7
37.5°	10594.1	9815.8	8886.5	8172.1	7329.9	6557.4	5268.0	4385.1	3862.4	3287.4	2538.2
35°	13277.4	12423.6	10872.8	9926.1	8799.3	7649.3	6487.7	5180.9	4437.4	3827.6	3084.1
32.5°	15774.9	14526.2	12539.8	11430.4	10681.2	8561.2	7358.9	6226.3	5029.9	4280.6	3397.8
30°	16466.1	15089.6	13666.6	12371.3	11093.6	9380.1	7957.2	7074.3	5773.3	4553.6	3694.0
27.5°	15769.1	14822.4	13718.8	12516.5	11134.2	9664.7	8323.1	7480.9	6319.3	4739.4	3926.3
25°	15060.5	14073.1	13300.6	12295.8	11018.0	9647.3	8334.7	7736.4	6743.3	5099.5	4054.1
22.5°	14311.3	13695.6	13056.7	11935.7	10727.6	9699.6	8712.2	7957.2	6964.0	5506.1	4106.4
20°	14351.9	13951.2	13248.4	11749.9	10675.4	10007.4	9165.2	8235.9	7202.1	5860.4	4147.0
17.5°	15002.4	14479.7	13596.9	12295.8	11145.8	10321.1	9542.8	8619.3	7446.0	6174.1	4640.7
15°	15804.0	15008.2	14084.7	12940.5	11639.5	10663.7	9833.2	8886.5	7724.8	6464.5	5082.1
12.5°	16384.8	15252.2	14386.8	13352.9	12173.9	11035.5	10024.9	9089.7	7986.2	6702.6	5413.2
10°	16582.2	15554.2	14532.0	13608.5	12446.8	11232.9	10170.1	9217.5	8212.7	6888.5	5657.1
7.5°	16686.8	15815.6	14630.7	13724.6	12609.5	11354.9	10286.2	9287.2	8392.8	7016.2	5814.0
5°	16675.2	15955.0	14706.2	13759.5	12696.6	11407.2	10367.5	9304.6	8520.5	7126.6	5906.9
2.5°	16622.9	16047.9	14828.2	13817.6	12870.8	11505.9	10524.4	9339.5	8567.0	7248.6	5970.8
0°	16814.6	16053.7	14956.0	13835.0	12987.0	11540.8	10594.1	9310.5	8503.1	7283.4	5965.0
-2.5°	16402.2	15711.0	14926.9	13684.0	12830.2	11459.5	10466.3	9217.5	8363.7	7242.8	5941.7
-5°	16332.5	15461.3	14683.0	13544.6	12568.8	11291.0	10228.1	9043.3	8143.0	7109.2	5848.8
-7.5°	16146.6	15223.1	14444.9	13434.2	12324.9	11116.8	10001.6	8863.2	7904.9	6900.1	5715.2
-10°	15740.1	14857.2	14189.3	13196.1	12028.7	10867.0	9728.6	8625.1	7626.1	6615.5	5506.1
-12.5°	15159.3	14276.4	13614.3	12690.8	11656.9	10530.2	9403.4	8317.3	7306.6	6313.5	5256.4
-15°	14502.9	13608.5	12946.3	12104.2	11105.2	10007.4	8991.0	7928.1	6940.7	5994.0	4960.2
-17.5°	13759.5	12911.5	12272.6	11453.7	10460.5	9415.0	8404.4	7440.2	6516.7	5662.9	4617.5
-20°	12899.9	12075.1	11488.5	10669.6	9757.7	8741.3	7759.7	6847.8	6017.2	5215.7	4239.9

REPORT NUMBER: P722683

CATALOG NUMBER: IFLD-L-SA8D-930-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°	11837.0	11111.0	10443.0	9711.2	8915.5	7986.2	7074.3	6267.0	5471.3	4687.2	3850.8
-25°	10750.9	10048.1	9397.6	8729.6	7968.8	7167.2	6389.0	5657.1	4878.8	4170.2	3473.3
-27.5°	9542.8	8915.5	8334.7	7719.0	7022.0	6330.9	5692.0	4977.6	4303.8	3699.8	3101.5
-30°	8253.4	7742.3	7236.9	6691.0	6127.6	5546.8	4977.6	4303.8	3775.3	3293.2	2787.9
-32.5°	7016.2	6557.4	6150.8	5744.3	5256.4	4780.1	4274.8	3775.3	3333.9	2909.9	2485.9
-35°	5930.1	5442.2	5215.7	4890.5	4501.3	4071.5	3659.1	3310.6	2956.3	2573.0	2195.5
-37.5°	4989.2	4675.6	4408.4	4164.4	3856.6	3484.9	3188.7	2904.1	2607.9	2259.4	1934.1
-40°	4251.6	4025.0	3757.9	3577.8	3328.1	3060.9	2764.7	2526.5	2276.8	1992.2	1725.0
-42.5°	3659.1	3473.3	3299.0	3107.4	2921.5	2695.0	2439.4	2212.9	1986.4	1777.3	1556.6
-45°	3171.2	3037.7	2898.3	2741.4	2578.8	2381.3	2172.2	1939.9	1777.3	1591.4	1405.6
-47.5°	2770.5	2671.7	2555.6	2433.6	2294.2	2120.0	1928.3	1759.9	1591.4	1434.6	1254.6
-50°	2451.0	2358.1	2265.2	2160.6	2038.7	1887.6	1742.4	1585.6	1428.8	1277.8	1109.4
-52.5°	2183.9	2102.5	2027.0	1939.9	1823.8	1696.0	1562.4	1423.0	1277.8	1126.8	993.2
-55°	1998.0	1905.1	1829.6	1742.4	1637.9	1515.9	1394.0	1266.2	1126.8	1010.6	900.3
-57.5°	1847.0	1742.4	1655.3	1562.4	1457.8	1353.3	1242.9	1126.8	1022.2	911.9	807.3
-60°	1719.2	1597.2	1498.5	1405.6	1306.8	1208.1	1115.2	1016.4	917.7	818.9	714.4
-62.5°	1585.6	1457.8	1335.9	1248.8	1173.2	1086.1	1004.8	911.9	824.8	726.0	650.5
-65°	1434.6	1312.6	1196.5	1121.0	1051.3	975.8	900.3	818.9	743.4	667.9	598.2
-67.5°	1266.2	1161.6	1080.3	1010.6	940.9	877.0	807.3	737.6	673.7	598.2	528.5
-70°	1062.9	1004.8	958.3	906.1	842.2	784.1	720.2	656.3	586.6	522.7	458.8
-72.5°	906.1	871.2	836.4	784.1	726.0	673.7	621.5	563.4	505.3	447.2	395.0
-75°	743.4	714.4	685.4	650.5	604.0	563.4	516.9	464.7	418.2	377.5	336.9
-77.5°	598.2	575.0	557.6	528.5	493.7	458.8	429.8	395.0	360.1	319.4	278.8
-80°	476.3	464.7	458.8	447.2	418.2	389.1	365.9	336.9	302.0	273.0	243.9
-82.5°	371.7	371.7	365.9	360.1	336.9	313.6	296.2	273.0	249.8	226.5	197.5
-85°	273.0	267.2	267.2	261.4	243.9	232.3	214.9	203.3	185.9	162.6	151.0
-87.5°	162.6	156.8	151.0	145.2	133.6	127.8	116.2	110.4	98.7	87.1	81.3
-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: P722683

CATALOG NUMBER: IFLD-L-SA8D-930-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°	17.4	11.6	11.6	11.6	11.6	11.6	5.8	5.8	5.8	5.8	5.8
82.5°	34.8	34.8	29.0	29.0	23.2	17.4	11.6	11.6	11.6	5.8	5.8
80°	52.3	52.3	52.3	46.5	40.7	29.0	23.2	17.4	11.6	5.8	5.8
77.5°	63.9	58.1	58.1	52.3	52.3	46.5	34.8	29.0	17.4	11.6	5.8
75°	63.9	63.9	63.9	58.1	58.1	52.3	46.5	34.8	29.0	17.4	11.6
72.5°	69.7	63.9	63.9	63.9	58.1	52.3	46.5	40.7	34.8	23.2	11.6
70°	63.9	63.9	63.9	63.9	58.1	58.1	46.5	40.7	40.7	23.2	17.4
67.5°	63.9	63.9	63.9	58.1	58.1	52.3	46.5	40.7	40.7	29.0	17.4
65°	69.7	63.9	63.9	63.9	58.1	52.3	46.5	40.7	40.7	34.8	23.2
62.5°	75.5	69.7	69.7	63.9	58.1	52.3	46.5	40.7	40.7	34.8	23.2
60°	81.3	75.5	69.7	69.7	63.9	58.1	46.5	46.5	40.7	34.8	23.2
57.5°	87.1	81.3	81.3	75.5	69.7	63.9	52.3	46.5	40.7	34.8	29.0
55°	104.5	92.9	87.1	87.1	81.3	69.7	58.1	46.5	40.7	34.8	29.0
52.5°	139.4	110.4	98.7	98.7	92.9	81.3	63.9	52.3	40.7	34.8	29.0
50°	220.7	139.4	116.2	104.5	104.5	92.9	75.5	58.1	40.7	34.8	29.0
47.5°	348.5	232.3	139.4	122.0	116.2	110.4	87.1	58.1	46.5	34.8	29.0
45°	575.0	342.7	226.5	145.2	122.0	116.2	98.7	63.9	46.5	40.7	29.0
42.5°	789.9	534.3	348.5	174.2	145.2	127.8	104.5	69.7	52.3	40.7	29.0
40°	1242.9	731.8	487.9	284.6	168.4	133.6	116.2	81.3	52.3	40.7	29.0
37.5°	1684.4	970.0	656.3	418.2	191.7	151.0	122.0	87.1	58.1	40.7	34.8
35°	2125.8	1359.1	813.1	557.6	255.6	180.1	127.8	92.9	58.1	40.7	34.8
32.5°	2520.7	1725.0	975.8	697.0	383.3	214.9	139.4	98.7	63.9	46.5	34.8
30°	2846.0	2061.9	1266.2	818.9	499.5	261.4	151.0	98.7	69.7	46.5	34.8
27.5°	3089.9	2323.3	1562.4	946.7	598.2	307.8	174.2	110.4	69.7	46.5	34.8
25°	3287.4	2526.5	1823.8	1080.3	685.4	383.3	209.1	116.2	75.5	52.3	34.8
22.5°	3444.2	2695.0	2038.7	1260.4	789.9	458.8	255.6	127.8	75.5	52.3	34.8
20°	3659.1	2863.4	2183.9	1452.0	900.3	528.5	296.2	139.4	75.5	52.3	40.7
17.5°	3845.0	3031.9	2300.0	1614.7	1010.6	580.8	342.7	151.0	81.3	52.3	40.7
15°	4059.9	3194.5	2404.6	1742.4	1115.2	627.3	383.3	162.6	81.3	58.1	40.7
12.5°	4292.2	3345.5	2480.1	1847.0	1225.5	667.9	418.2	185.9	87.1	58.1	40.7
10°	4530.4	3473.3	2544.0	1922.5	1306.8	708.6	441.4	209.1	92.9	58.1	40.7
7.5°	4768.5	3589.4	2625.3	1957.3	1341.7	755.1	453.0	232.3	92.9	63.9	40.7
5°	4931.1	3664.9	2741.4	1980.6	1359.1	807.3	470.5	261.4	98.7	63.9	40.7
2.5°	5070.5	3711.4	2863.4	1998.0	1364.9	836.4	464.7	278.8	104.5	63.9	40.7
0°	5134.4	3711.4	2944.7	1986.4	1347.5	865.4	464.7	296.2	104.5	63.9	40.7
-2.5°	5035.7	3815.9	2921.5	1992.2	1353.3	865.4	487.9	302.0	116.2	69.7	40.7
-5°	4878.8	3856.6	2851.8	1963.2	1341.7	865.4	516.9	307.8	122.0	69.7	46.5
-7.5°	4727.8	3874.0	2770.5	1934.1	1324.3	842.2	522.7	302.0	133.6	75.5	46.5
-10°	4530.4	3682.4	2665.9	1881.8	1289.4	824.8	534.3	302.0	139.4	75.5	46.5
-12.5°	4303.8	3450.0	2538.2	1806.3	1248.8	807.3	540.2	302.0	145.2	81.3	46.5
-15°	4042.5	3211.9	2393.0	1725.0	1190.7	784.1	528.5	296.2	151.0	81.3	52.3
-17.5°	3746.3	2979.6	2241.9	1626.3	1126.8	755.1	505.3	290.4	151.0	81.3	52.3
-20°	3409.4	2747.3	2073.5	1527.5	1051.3	720.2	482.1	278.8	151.0	81.3	52.3



REPORT NUMBER: P722683

CATALOG NUMBER: IFLD-L-SA8D-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3107.4	2532.4	1899.3	1417.2	970.0	679.6	453.0	267.2	151.0	87.1	52.3
-25°	2857.6	2323.3	1765.7	1306.8	882.8	633.1	424.0	255.6	151.0	87.1	52.3
-27.5°	2596.2	2096.7	1626.3	1202.3	824.8	592.4	395.0	243.9	145.2	87.1	52.3
-30°	2329.1	1876.0	1481.1	1086.1	766.7	551.8	371.7	226.5	145.2	87.1	52.3
-32.5°	2085.1	1696.0	1347.5	970.0	702.8	511.1	348.5	220.7	139.4	87.1	52.3
-35°	1847.0	1533.3	1208.1	877.0	633.1	470.5	325.3	214.9	139.4	87.1	52.3
-37.5°	1649.5	1382.3	1080.3	813.1	592.4	435.6	302.0	203.3	133.6	87.1	52.3
-40°	1486.9	1242.9	958.3	743.4	557.6	400.8	278.8	197.5	133.6	87.1	52.3
-42.5°	1335.9	1109.4	882.8	685.4	522.7	377.5	261.4	191.7	127.8	87.1	52.3
-45°	1202.3	993.2	807.3	633.1	482.1	348.5	249.8	180.1	122.0	87.1	58.1
-47.5°	1068.7	911.9	737.6	586.6	441.4	313.6	238.1	174.2	116.2	81.3	58.1
-50°	964.2	824.8	679.6	534.3	400.8	302.0	226.5	162.6	116.2	81.3	58.1
-52.5°	871.2	743.4	615.7	482.1	365.9	284.6	214.9	151.0	110.4	81.3	58.1
-55°	784.1	667.9	551.8	429.8	342.7	267.2	197.5	139.4	110.4	81.3	58.1
-57.5°	697.0	598.2	487.9	389.1	313.6	249.8	185.9	139.4	110.4	81.3	58.1
-60°	627.3	534.3	441.4	360.1	290.4	226.5	168.4	133.6	104.5	81.3	58.1
-62.5°	569.2	482.1	400.8	325.3	267.2	203.3	162.6	133.6	104.5	81.3	52.3
-65°	511.1	435.6	360.1	296.2	238.1	191.7	156.8	127.8	104.5	81.3	52.3
-67.5°	453.0	383.3	325.3	261.4	220.7	185.9	151.0	127.8	98.7	75.5	52.3
-70°	395.0	336.9	284.6	243.9	209.1	174.2	145.2	122.0	98.7	69.7	46.5
-72.5°	348.5	296.2	255.6	226.5	197.5	168.4	139.4	116.2	92.9	63.9	40.7
-75°	296.2	261.4	232.3	203.3	180.1	156.8	133.6	104.5	81.3	58.1	40.7
-77.5°	249.8	226.5	203.3	185.9	162.6	139.4	116.2	92.9	75.5	52.3	34.8
-80°	214.9	197.5	180.1	162.6	145.2	122.0	104.5	81.3	63.9	46.5	29.0
-82.5°	174.2	162.6	145.2	133.6	122.0	104.5	87.1	69.7	46.5	34.8	23.2
-85°	133.6	122.0	116.2	104.5	92.9	75.5	58.1	46.5	34.8	23.2	11.6
-87.5°	69.7	63.9	58.1	52.3	46.5	34.8	29.0	23.2	17.4	11.6	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: P722683

CATALOG NUMBER: IFLD-L-SA8D-930-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°	11.6	5.8	0.0	0.0
65°	11.6	5.8	0.0	0.0
62.5°	11.6	5.8	0.0	0.0
60°	11.6	5.8	0.0	0.0
57.5°	17.4	5.8	5.8	0.0
55°	17.4	5.8	5.8	0.0
52.5°	17.4	5.8	5.8	0.0
50°	17.4	11.6	5.8	0.0
47.5°	17.4	11.6	5.8	0.0
45°	17.4	11.6	5.8	0.0
42.5°	17.4	11.6	5.8	0.0
40°	23.2	11.6	5.8	0.0
37.5°	23.2	11.6	5.8	0.0
35°	23.2	11.6	5.8	0.0
32.5°	23.2	11.6	5.8	0.0
30°	23.2	17.4	5.8	0.0
27.5°	23.2	17.4	5.8	0.0
25°	23.2	17.4	5.8	0.0
22.5°	29.0	17.4	5.8	0.0
20°	29.0	17.4	5.8	0.0
17.5°	29.0	17.4	5.8	0.0
15°	29.0	17.4	5.8	0.0
12.5°	29.0	17.4	5.8	0.0
10°	29.0	17.4	5.8	0.0
7.5°	29.0	17.4	5.8	0.0
5°	29.0	17.4	5.8	0.0
2.5°	29.0	17.4	5.8	0.0
0°	29.0	17.4	5.8	0.0
-2.5°	29.0	17.4	5.8	0.0
-5°	29.0	17.4	5.8	0.0
-7.5°	29.0	17.4	5.8	0.0
-10°	29.0	17.4	5.8	0.0
-12.5°	34.8	17.4	5.8	0.0
-15°	34.8	17.4	5.8	0.0
-17.5°	34.8	17.4	5.8	0.0
-20°	34.8	17.4	5.8	0.0



REPORT NUMBER: P722683

CATALOG NUMBER: IFLD-L-SA8D-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	34.8	17.4	5.8	0.0
-25°	34.8	17.4	5.8	0.0
-27.5°	34.8	17.4	5.8	0.0
-30°	34.8	17.4	5.8	0.0
-32.5°	34.8	17.4	5.8	0.0
-35°	34.8	17.4	5.8	0.0
-37.5°	34.8	17.4	5.8	0.0
-40°	34.8	17.4	5.8	0.0
-42.5°	29.0	17.4	5.8	0.0
-45°	34.8	17.4	5.8	0.0
-47.5°	34.8	17.4	5.8	0.0
-50°	34.8	17.4	5.8	0.0
-52.5°	34.8	17.4	5.8	0.0
-55°	34.8	17.4	5.8	0.0
-57.5°	34.8	17.4	5.8	0.0
-60°	34.8	17.4	5.8	0.0
-62.5°	29.0	17.4	5.8	0.0
-65°	29.0	11.6	5.8	0.0
-67.5°	29.0	11.6	5.8	0.0
-70°	29.0	11.6	5.8	0.0
-72.5°	23.2	11.6	5.8	0.0
-75°	23.2	11.6	5.8	0.0
-77.5°	17.4	5.8	0.0	0.0
-80°	17.4	5.8	0.0	0.0
-82.5°	11.6	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)