

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: P722502

Luminaire Tested: **IFLD-L-SA7B-740-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722502
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-740-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	36414.4 lumens	Max Intensity:	25421.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	129.6 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:	23230.8 lumens	Field Lumens:	34330.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

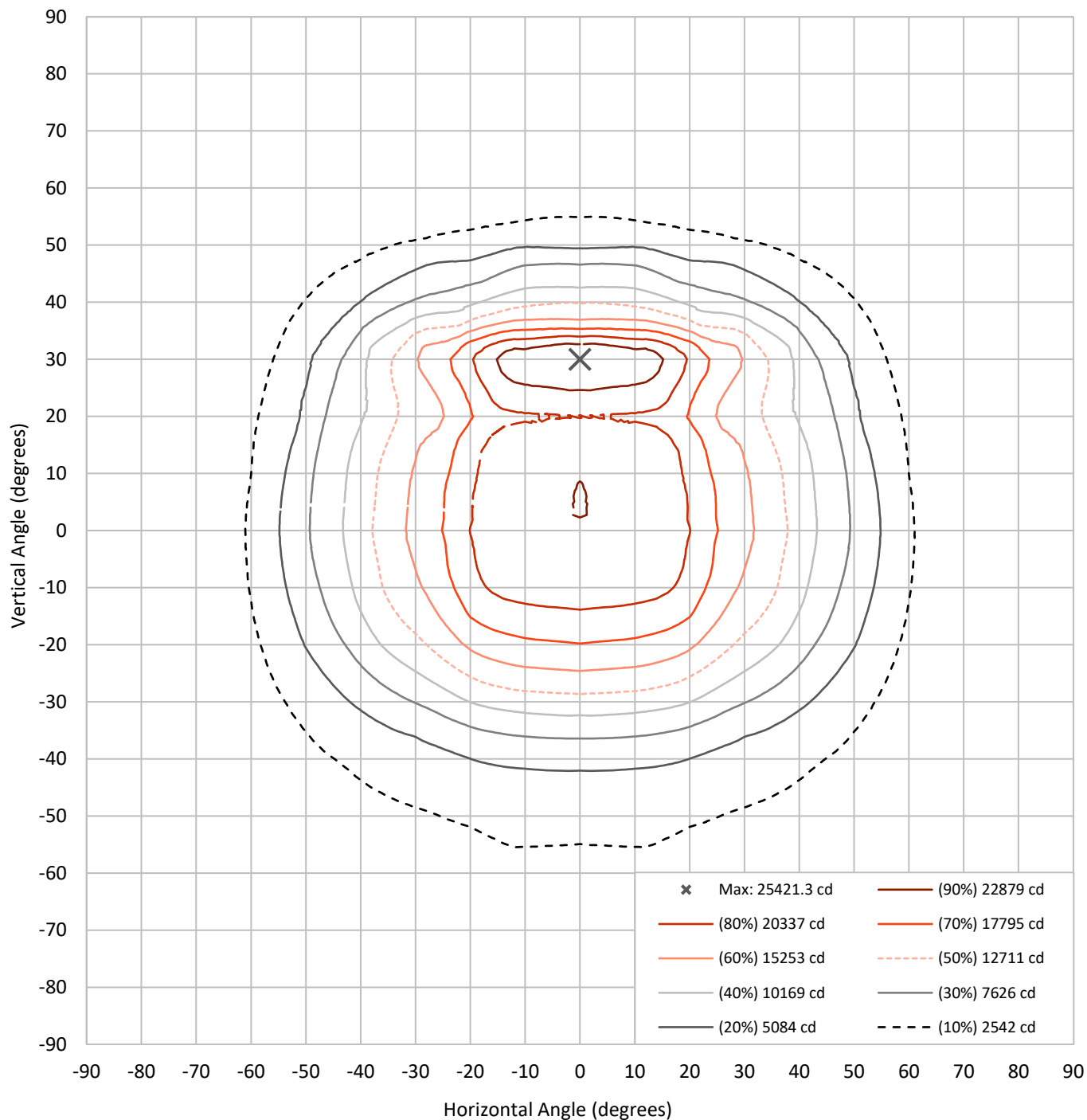
Input Watts (W): 281
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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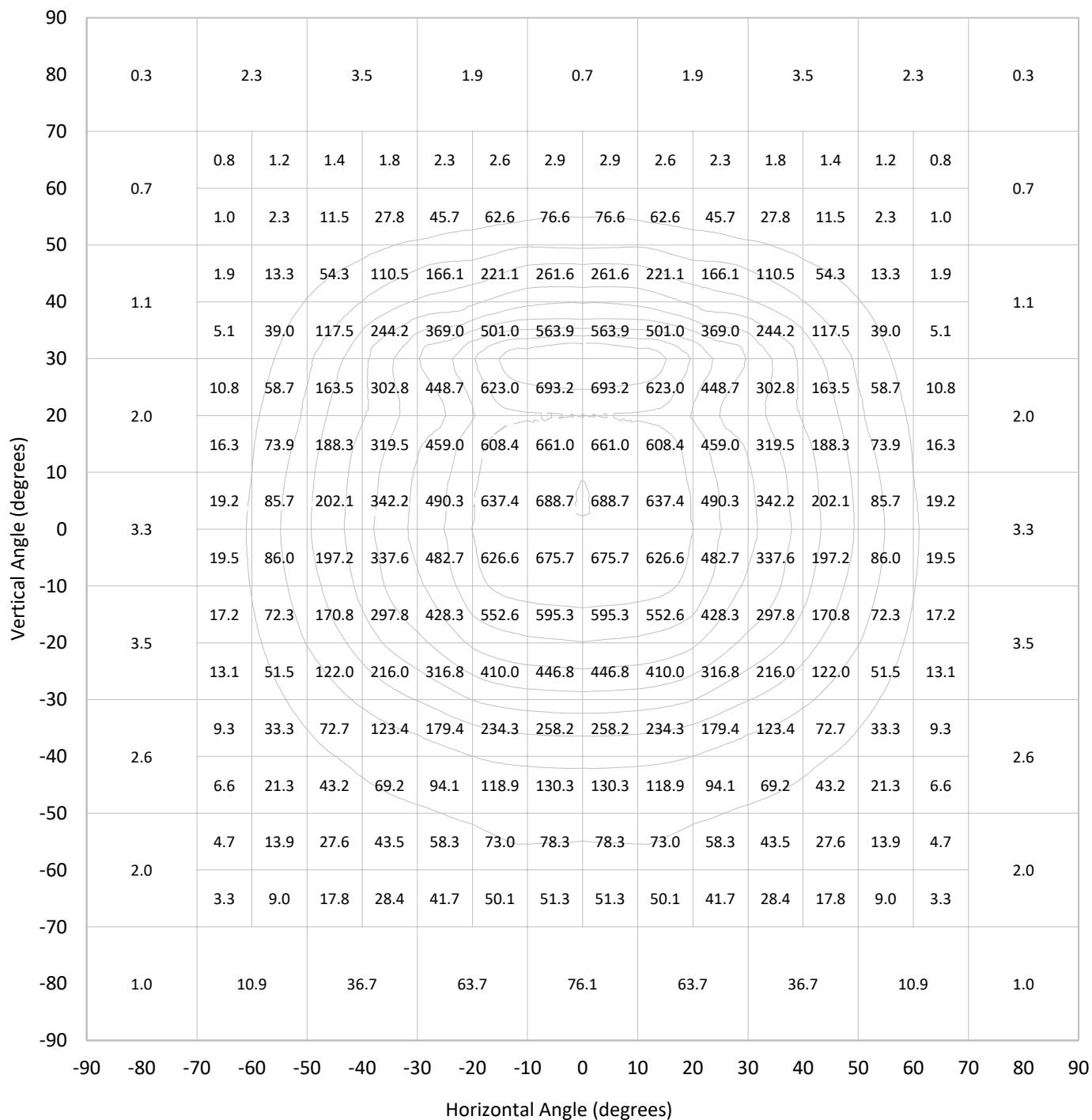
Iso-Candela Plot



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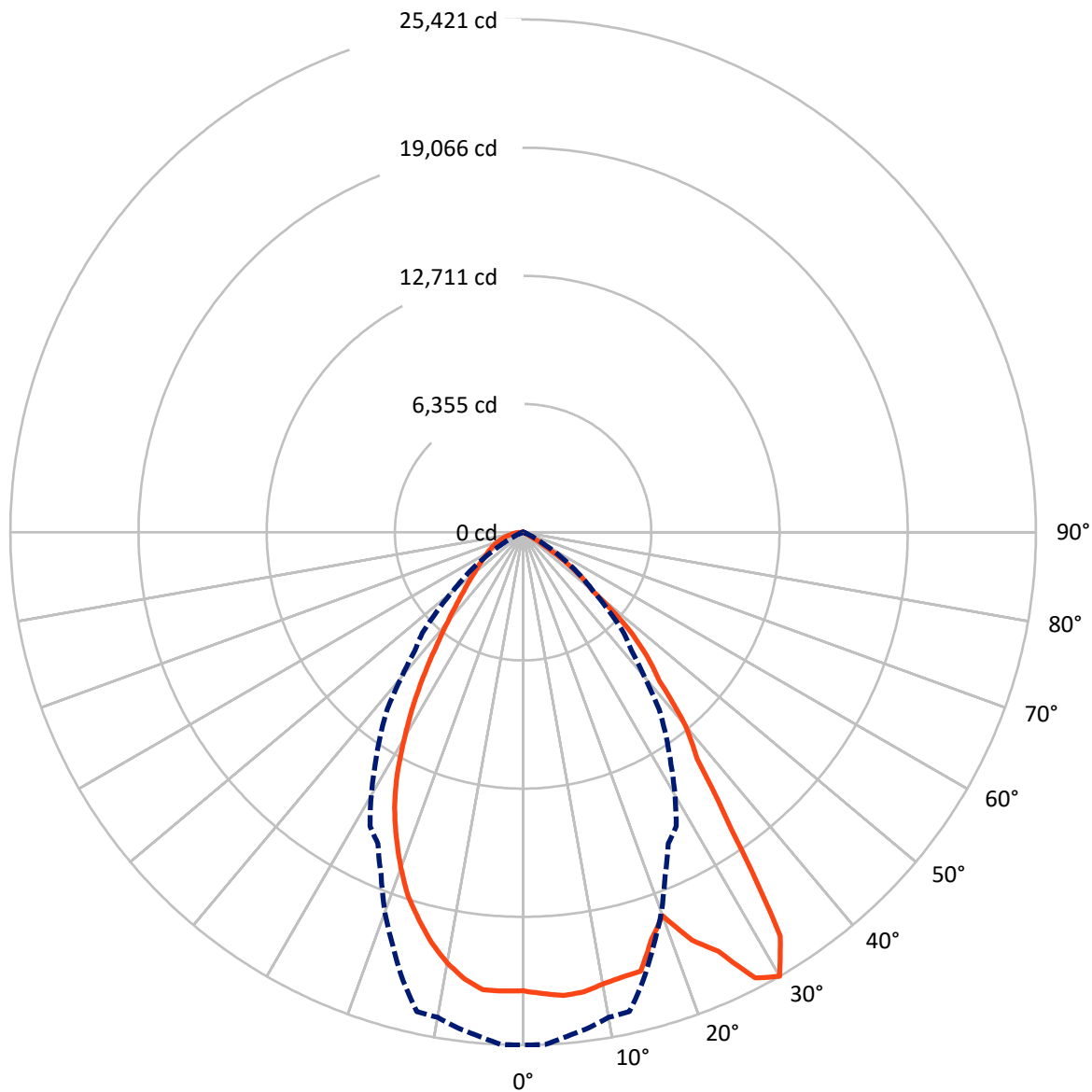
Lumen Table



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Luminous Intensity Polar Plot



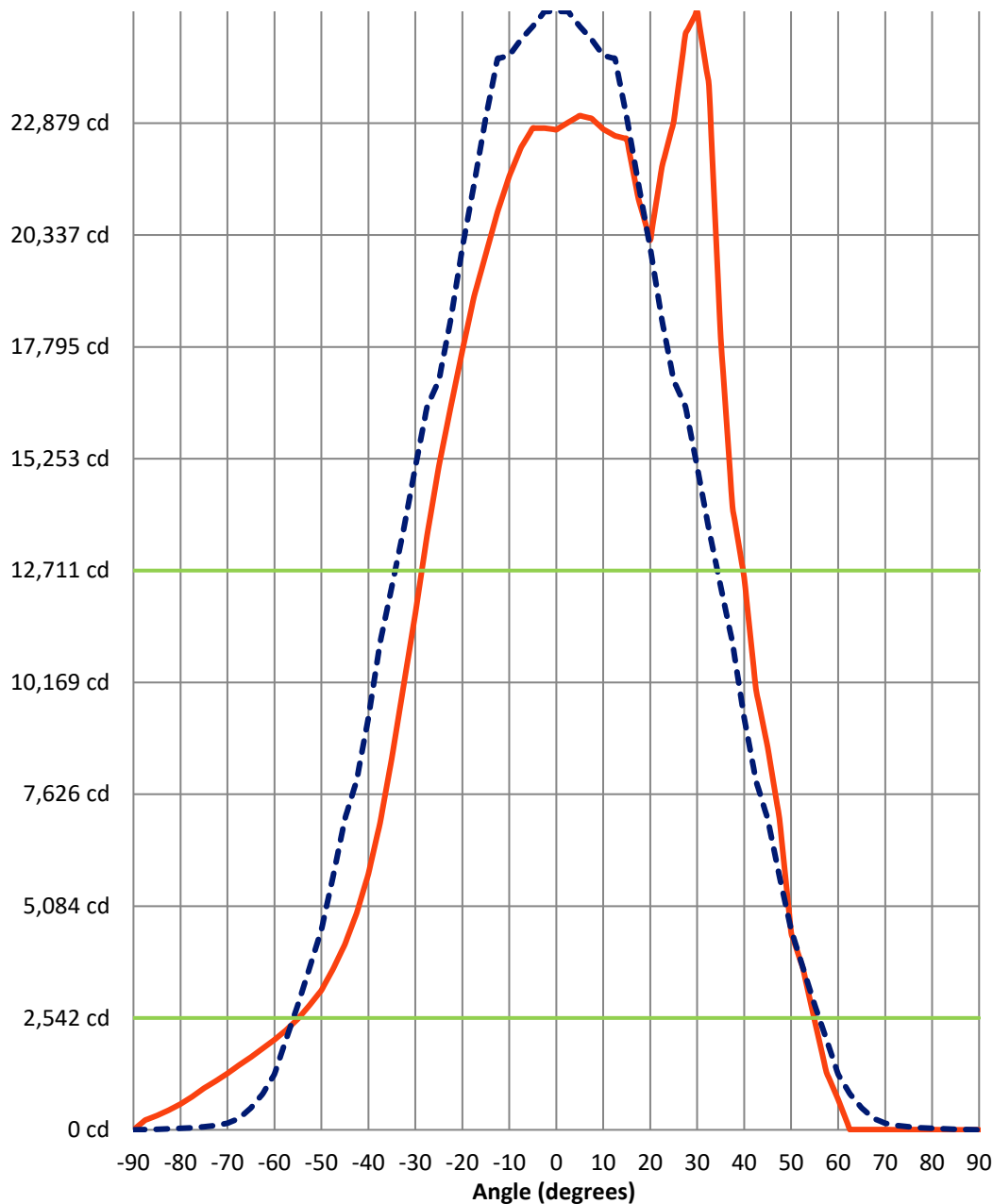
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 23230.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 34330.6

Efficiency: 94.3%

Spill:

Lumens: 2083.8

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	40.6
62.5°	5.8	11.6	11.6	17.4	23.2	29.0	63.8	98.6	98.6	69.6	58.0
60°	689.9	747.9	742.1	672.5	585.5	492.8	475.4	458.0	423.2	371.0	388.4
57.5°	1310.2	1379.8	1408.8	1391.4	1345.0	1263.8	1217.4	1165.3	1095.7	1014.5	921.8
55°	2481.3	2510.2	2446.5	2324.7	2191.4	2058.1	2011.7	1942.1	1837.8	1733.4	1594.3
52.5°	3669.7	3768.3	3739.3	3617.5	3437.8	3200.1	2939.2	2736.3	2614.6	2498.6	2359.5
50°	4481.3	4521.9	4603.1	4748.0	4800.2	4637.9	4214.7	3669.7	3281.3	3478.4	3327.7
47.5°	7072.7	7275.6	7235.1	7130.7	6956.8	6516.2	5924.9	5437.9	5032.1	4898.7	4921.9
45°	8690.2	8771.4	8742.4	8696.0	8614.8	8203.2	7548.1	6800.3	6423.4	6272.7	6116.2
42.5°	10017.8	10104.7	10122.1	10127.9	10041.0	9664.1	9072.8	8325.0	7948.1	7513.3	7171.3
40°	12551.2	12678.8	12533.8	12342.5	12052.6	11623.6	11043.9	10354.0	9687.3	9154.0	8748.2
37.5°	14168.7	14325.2	14383.2	14371.6	14307.8	14122.3	13409.2	12754.1	11733.8	10539.5	10754.0
35°	18006.5	18168.8	18122.5	17948.5	17855.8	17658.7	16963.0	16186.1	14904.9	13606.3	13258.5
32.5°	23728.5	24082.1	23421.2	22696.5	22250.2	22406.7	21699.4	19797.9	19206.6	16864.4	15780.3
30°	25421.3	25415.5	25079.3	24783.6	24418.4	24343.0	23009.6	21490.7	20041.4	18400.7	17032.6
27.5°	24905.3	24801.0	24516.9	24302.4	23960.4	23780.6	22476.3	21270.4	19595.0	18128.3	16806.5
25°	22916.8	22998.0	22708.1	22667.6	22534.2	22186.4	21537.1	20180.5	18684.8	17061.5	16110.8
22.5°	21890.7	21861.7	21513.9	21311.0	21473.3	21102.3	20841.4	19473.2	17913.8	16545.6	15403.5
20°	20221.1	20226.9	20139.9	20122.5	20024.0	19855.9	19647.2	18679.0	17577.5	16406.4	15032.5
17.5°	21154.5	21392.1	21496.5	20632.7	20876.2	20684.9	20464.6	19113.8	18284.8	17247.1	15455.7
15°	22522.6	22435.7	22331.3	22284.9	22151.6	21971.9	21571.9	20493.6	19067.4	17994.9	16597.8
12.5°	22592.2	22424.1	22383.5	22377.7	22238.6	21989.3	21600.9	20708.1	19444.2	18139.8	17003.6
10°	22742.9	22569.0	22545.8	22574.8	22360.3	22203.8	21815.4	20986.3	19560.2	18389.1	17316.6
7.5°	22986.4	22696.5	22829.9	22742.9	22644.4	22395.1	21977.7	21166.1	19983.4	18719.6	17594.9
5°	23050.2	22731.3	22876.3	22795.1	22650.2	22406.7	21954.5	21282.0	20244.3	18852.9	17705.0
2.5°	22893.7	22800.9	22737.1	22586.4	22522.6	22256.0	21826.9	21108.1	20122.5	18794.9	17681.9
0°	22731.3	22812.5	22667.6	22516.8	22487.8	22273.3	21908.1	21258.8	20406.6	18957.3	17879.0
-2.5°	22766.1	22702.3	22603.8	22447.3	22296.5	21989.3	21658.8	21050.1	20134.1	18603.6	17600.7
-5°	22766.1	22470.5	22482.0	22487.8	22337.1	22018.3	21618.2	21102.3	19971.8	18597.8	17519.5
-7.5°	22325.5	22070.4	22029.9	21995.1	21954.5	21658.8	21345.8	20702.3	19699.3	18447.1	17293.4
-10°	21676.2	21426.9	21450.1	21397.9	21270.4	21073.3	20835.6	20255.9	19432.7	17971.7	16835.4
-12.5°	20864.6	20754.4	20690.7	20603.7	20476.2	20302.3	20058.8	19513.8	18632.6	17386.2	16307.9
-15°	19902.2	19821.1	19763.1	19710.9	19525.4	19345.7	19026.8	18522.5	17971.7	16632.5	15531.0
-17.5°	18939.9	18737.0	18655.8	18586.2	18464.5	18174.6	17884.8	17507.9	16736.9	15676.0	14731.0
-20°	17705.0	17583.3	17484.7	17392.0	17218.1	16992.0	16754.3	16319.5	15652.8	14794.8	13815.0



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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°	16412.2	16342.7	16261.5	16145.6	16029.6	15815.1	15484.7	15067.3	14545.5	13617.9	12702.0
-25°	15078.9	14945.5	14847.0	14736.8	14644.1	14446.9	14128.1	13728.1	13073.0	12272.9	11507.7
-27.5°	13507.8	13380.2	13328.1	13200.5	13119.4	12939.6	12620.8	12249.8	11658.4	10985.9	10209.1
-30°	11733.8	11757.0	11699.0	11577.3	11478.7	11246.8	11003.3	10690.3	10226.5	9583.0	8887.3
-32.5°	10093.2	10122.1	10052.6	9925.0	9797.5	9629.4	9403.3	9119.2	8771.4	8156.8	7553.9
-35°	8452.5	8440.9	8382.9	8307.6	8220.6	8081.5	7826.4	7611.9	7211.9	6782.9	6365.5
-37.5°	6980.0	7009.0	6991.6	6951.0	6852.4	6736.5	6527.8	6330.7	6035.0	5658.2	5333.5
-40°	5814.7	5849.5	5826.3	5785.7	5698.8	5629.2	5490.1	5316.2	5078.5	4753.8	4481.3
-42.5°	4921.9	4945.1	4916.1	4881.4	4806.0	4753.8	4643.7	4498.7	4301.6	4052.3	3808.8
-45°	4214.7	4220.5	4191.5	4168.3	4110.3	4046.5	3953.8	3837.8	3681.3	3507.4	3310.3
-47.5°	3658.1	3652.3	3623.3	3600.1	3553.8	3495.8	3420.4	3316.1	3194.3	3061.0	2904.5
-50°	3171.1	3200.1	3188.5	3165.3	3130.6	3090.0	3014.6	2904.5	2782.7	2684.2	2574.0
-52.5°	2834.9	2840.7	2834.9	2834.9	2829.1	2800.1	2713.2	2603.0	2469.7	2382.7	2289.9
-55°	2521.8	2550.8	2562.4	2574.0	2579.8	2579.8	2475.5	2359.5	2232.0	2145.0	2075.4
-57.5°	2266.8	2284.1	2295.7	2324.7	2347.9	2365.3	2272.6	2168.2	2069.6	1988.5	1924.7
-60°	2046.5	2069.6	2087.0	2116.0	2133.4	2145.0	2087.0	2017.5	1959.5	1907.3	1814.6
-62.5°	1849.3	1866.7	1884.1	1901.5	1918.9	1930.5	1907.3	1872.5	1843.6	1820.4	1704.4
-65°	1652.2	1669.6	1687.0	1710.2	1727.6	1739.2	1733.4	1710.2	1687.0	1663.8	1559.5
-67.5°	1472.5	1489.9	1513.1	1518.9	1530.5	1536.3	1524.7	1507.3	1478.3	1449.3	1368.2
-70°	1281.2	1292.8	1304.4	1304.4	1304.4	1298.6	1287.0	1263.8	1234.8	1194.3	1130.5
-72.5°	1107.3	1118.9	1130.5	1113.1	1101.5	1084.1	1066.7	1037.7	1008.7	979.7	945.0
-75°	945.0	950.8	950.8	927.6	910.2	892.8	869.6	852.2	823.2	800.0	771.0
-77.5°	753.7	753.7	753.7	736.3	724.7	713.1	695.7	678.3	655.1	637.7	614.5
-80°	585.5	585.5	585.5	579.7	562.3	550.7	539.2	527.6	510.2	498.6	487.0
-82.5°	446.4	446.4	446.4	440.6	429.0	423.2	411.6	400.0	394.2	382.6	376.8
-85°	324.7	330.4	330.4	324.7	318.9	307.3	301.5	295.7	289.9	284.1	272.5
-87.5°	220.3	220.3	220.3	214.5	208.7	208.7	202.9	191.3	179.7	173.9	168.1
-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	40.6	40.6	40.6	40.6	40.6	40.6	40.6
80°	29.0	34.8	40.6	46.4	52.2	58.0	58.0	58.0	58.0	52.2	52.2
77.5°	34.8	34.8	40.6	46.4	52.2	58.0	63.8	69.6	63.8	63.8	63.8
75°	34.8	40.6	40.6	46.4	52.2	58.0	63.8	69.6	69.6	69.6	69.6
72.5°	29.0	34.8	40.6	46.4	46.4	52.2	58.0	58.0	63.8	63.8	69.6
70°	29.0	34.8	40.6	40.6	46.4	46.4	52.2	58.0	58.0	63.8	63.8
67.5°	34.8	40.6	40.6	46.4	52.2	52.2	52.2	58.0	58.0	63.8	63.8
65°	40.6	46.4	46.4	52.2	58.0	58.0	63.8	63.8	63.8	69.6	69.6
62.5°	69.6	69.6	69.6	63.8	69.6	69.6	69.6	75.4	75.4	69.6	75.4
60°	359.4	260.9	179.7	226.1	202.9	92.8	92.8	92.8	87.0	87.0	81.2
57.5°	846.4	788.4	678.3	573.9	516.0	458.0	284.1	115.9	115.9	104.4	92.8
55°	1414.5	1223.2	1142.1	1002.9	852.2	782.6	649.3	440.6	208.7	139.1	121.7
52.5°	2191.4	2011.7	1803.0	1518.9	1316.0	1153.7	1043.5	829.0	556.5	295.7	185.5
50°	2933.4	2852.3	2724.7	2446.5	2023.3	1750.8	1571.1	1327.6	997.1	608.7	347.8
47.5°	4724.8	4046.5	3634.9	3420.4	3066.8	2550.8	2203.0	1930.5	1530.5	1026.1	614.5
45°	5948.1	5519.1	4864.0	4411.8	3890.0	3345.1	2892.9	2579.8	2104.4	1536.3	962.4
42.5°	6997.4	6626.3	6035.0	5374.1	4823.4	4110.3	3530.6	3119.0	2718.9	2098.6	1437.7
40°	8348.2	7907.6	7339.4	6695.9	6052.4	5142.2	4203.1	3704.5	3263.9	2713.2	1942.1
37.5°	10574.3	9797.5	8869.9	8156.8	7316.2	6545.2	5258.2	4377.0	3855.2	3281.3	2533.4
35°	13252.7	12400.5	10852.6	9907.6	8783.0	7635.1	6475.6	5171.2	4429.2	3820.4	3078.4
32.5°	15745.5	14499.1	12516.4	11409.1	10661.3	8545.3	7345.2	6214.7	5020.5	4272.6	3391.4
30°	16435.4	15061.5	13641.1	12348.3	11072.9	9362.7	7942.3	7061.1	5762.5	4545.1	3687.1
27.5°	15739.8	14794.8	13693.3	12493.2	11113.5	9646.8	8307.6	7467.0	6307.5	4730.6	3919.0
25°	15032.5	14046.9	13275.9	12272.9	10997.5	9629.4	8319.2	7722.0	6730.7	5090.1	4046.5
22.5°	14284.6	13670.1	13032.4	11913.5	10707.7	9681.5	8696.0	7942.3	6951.0	5495.9	4098.7
20°	14325.2	13925.2	13223.7	11728.0	10655.5	9988.8	9148.2	8220.6	7188.7	5849.5	4139.3
17.5°	14974.5	14452.7	13571.6	12272.9	11125.1	10301.9	9525.0	8603.2	7432.2	6162.6	4632.1
15°	15774.5	14980.3	14058.5	12916.5	11617.9	10643.9	9814.9	8869.9	7710.4	6452.4	5072.7
12.5°	16354.3	15223.8	14360.0	13328.1	12151.2	11014.9	10006.2	9072.8	7971.3	6690.1	5403.1
10°	16551.4	15525.3	14504.9	13583.1	12423.7	11212.0	10151.1	9200.4	8197.4	6875.6	5646.6
7.5°	16655.7	15786.1	14603.5	13699.1	12586.0	11333.8	10267.1	9269.9	8377.1	7003.2	5803.1
5°	16644.1	15925.3	14678.8	13733.9	12673.0	11386.0	10348.2	9287.3	8504.7	7113.3	5895.9
2.5°	16592.0	16018.0	14800.6	13791.8	12846.9	11484.5	10504.8	9322.1	8551.1	7235.1	5959.7
0°	16783.3	16023.8	14928.1	13809.2	12962.8	11519.3	10574.3	9293.1	8487.3	7269.9	5953.9
-2.5°	16371.7	15681.8	14899.1	13658.5	12806.3	11438.1	10446.8	9200.4	8348.2	7229.3	5930.7
-5°	16302.1	15432.5	14655.7	13519.4	12545.4	11270.0	10209.1	9026.4	8127.9	7095.9	5837.9
-7.5°	16116.6	15194.8	14418.0	13409.2	12301.9	11096.1	9983.0	8846.7	7890.2	6887.2	5704.6
-10°	15710.8	14829.6	14162.9	13171.5	12006.3	10846.8	9710.5	8609.0	7611.9	6603.2	5495.9
-12.5°	15131.0	14249.8	13588.9	12667.2	11635.2	10510.6	9385.9	8301.8	7293.0	6301.7	5246.6
-15°	14475.9	13583.1	12922.2	12081.6	11084.5	9988.8	8974.3	7913.4	6927.8	5982.8	4950.9
-17.5°	13733.9	12887.5	12249.8	11432.3	10441.0	9397.5	8388.7	7426.4	6504.6	5652.4	4608.9
-20°	12875.9	12052.6	11467.1	10649.7	9739.5	8725.0	7745.2	6835.1	6006.0	5206.0	4232.1

REPORT NUMBER: P722502

CATALOG NUMBER: IFLD-L-SA7B-740-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°	11815.0	11090.3	10423.6	9693.1	8898.9	7971.3	7061.1	6255.3	5461.1	4678.4	3843.6
-25°	10730.9	10029.4	9380.1	8713.4	7953.9	7153.9	6377.1	5646.6	4869.8	4162.5	3466.8
-27.5°	9525.0	8898.9	8319.2	7704.7	7009.0	6319.1	5681.4	4968.3	4295.8	3692.9	3095.8
-30°	8238.0	7727.8	7223.5	6678.5	6116.2	5536.5	4968.3	4295.8	3768.3	3287.1	2782.7
-32.5°	7003.2	6545.2	6139.4	5733.6	5246.6	4771.2	4266.8	3768.3	3327.7	2904.5	2481.3
-35°	5919.1	5432.1	5206.0	4881.4	4492.9	4063.9	3652.3	3304.5	2950.8	2568.2	2191.4
-37.5°	4979.9	4666.9	4400.2	4156.7	3849.4	3478.4	3182.7	2898.7	2603.0	2255.2	1930.5
-40°	4243.6	4017.5	3750.9	3571.2	3321.9	3055.2	2759.5	2521.8	2272.6	1988.5	1721.8
-42.5°	3652.3	3466.8	3292.9	3101.6	2916.1	2690.0	2434.9	2208.8	1982.7	1774.0	1553.7
-45°	3165.3	3032.0	2892.9	2736.3	2574.0	2376.9	2168.2	1936.3	1774.0	1588.5	1403.0
-47.5°	2765.3	2666.8	2550.8	2429.1	2289.9	2116.0	1924.7	1756.6	1588.5	1431.9	1252.2
-50°	2446.5	2353.7	2261.0	2156.6	2034.9	1884.1	1739.2	1582.7	1426.1	1275.4	1107.3
-52.5°	2179.8	2098.6	2023.3	1936.3	1820.4	1692.8	1559.5	1420.3	1275.4	1124.7	991.3
-55°	1994.3	1901.5	1826.2	1739.2	1634.8	1513.1	1391.4	1263.8	1124.7	1008.7	898.6
-57.5°	1843.6	1739.2	1652.2	1559.5	1455.1	1350.8	1240.6	1124.7	1020.3	910.2	805.8
-60°	1716.0	1594.3	1495.7	1403.0	1304.4	1205.8	1113.1	1014.5	916.0	817.4	713.1
-62.5°	1582.7	1455.1	1333.4	1246.4	1171.1	1084.1	1002.9	910.2	823.2	724.7	649.3
-65°	1431.9	1310.2	1194.3	1118.9	1049.3	974.0	898.6	817.4	742.1	666.7	597.1
-67.5°	1263.8	1159.5	1078.3	1008.7	939.2	875.4	805.8	736.3	672.5	597.1	527.6
-70°	1060.9	1002.9	956.6	904.4	840.6	782.6	718.9	655.1	585.5	521.8	458.0
-72.5°	904.4	869.6	834.8	782.6	724.7	672.5	620.3	562.3	504.4	446.4	394.2
-75°	742.1	713.1	684.1	649.3	602.9	562.3	516.0	463.8	417.4	376.8	336.2
-77.5°	597.1	573.9	556.5	527.6	492.8	458.0	429.0	394.2	359.4	318.9	278.3
-80°	475.4	463.8	458.0	446.4	417.4	388.4	365.2	336.2	301.5	272.5	243.5
-82.5°	371.0	371.0	365.2	359.4	336.2	313.1	295.7	272.5	249.3	226.1	197.1
-85°	272.5	266.7	266.7	260.9	243.5	231.9	214.5	202.9	185.5	162.3	150.7
-87.5°	162.3	156.5	150.7	144.9	133.3	127.5	115.9	110.1	98.6	87.0	81.2
-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: P722502

CATALOG NUMBER: IFLD-L-SA7B-740-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°	52.2	52.2	52.2	46.4	40.6	29.0	23.2	17.4	11.6	5.8	5.8
77.5°	63.8	58.0	58.0	52.2	52.2	46.4	34.8	29.0	17.4	11.6	5.8
75°	63.8	63.8	63.8	58.0	58.0	52.2	46.4	34.8	29.0	17.4	11.6
72.5°	69.6	63.8	63.8	63.8	58.0	52.2	46.4	40.6	34.8	23.2	11.6
70°	63.8	63.8	63.8	63.8	58.0	58.0	46.4	40.6	40.6	23.2	17.4
67.5°	63.8	63.8	63.8	58.0	58.0	52.2	46.4	40.6	40.6	29.0	17.4
65°	69.6	63.8	63.8	63.8	58.0	52.2	46.4	40.6	40.6	34.8	23.2
62.5°	75.4	69.6	69.6	63.8	58.0	52.2	46.4	40.6	40.6	34.8	23.2
60°	81.2	75.4	69.6	69.6	63.8	58.0	46.4	46.4	40.6	34.8	23.2
57.5°	87.0	81.2	81.2	75.4	69.6	63.8	52.2	46.4	40.6	34.8	29.0
55°	104.4	92.8	87.0	87.0	81.2	69.6	58.0	46.4	40.6	34.8	29.0
52.5°	139.1	110.1	98.6	98.6	92.8	81.2	63.8	52.2	40.6	34.8	29.0
50°	220.3	139.1	115.9	104.4	104.4	92.8	75.4	58.0	40.6	34.8	29.0
47.5°	347.8	231.9	139.1	121.7	115.9	110.1	87.0	58.0	46.4	34.8	29.0
45°	573.9	342.0	226.1	144.9	121.7	115.9	98.6	63.8	46.4	40.6	29.0
42.5°	788.4	533.4	347.8	173.9	144.9	127.5	104.4	69.6	52.2	40.6	29.0
40°	1240.6	730.5	487.0	284.1	168.1	133.3	115.9	81.2	52.2	40.6	29.0
37.5°	1681.2	968.2	655.1	417.4	191.3	150.7	121.7	87.0	58.0	40.6	34.8
35°	2121.8	1356.6	811.6	556.5	255.1	179.7	127.5	92.8	58.0	40.6	34.8
32.5°	2516.0	1721.8	974.0	695.7	382.6	214.5	139.1	98.6	63.8	46.4	34.8
30°	2840.7	2058.1	1263.8	817.4	498.6	260.9	150.7	98.6	69.6	46.4	34.8
27.5°	3084.2	2318.9	1559.5	945.0	597.1	307.3	173.9	110.1	69.6	46.4	34.8
25°	3281.3	2521.8	1820.4	1078.3	684.1	382.6	208.7	115.9	75.4	52.2	34.8
22.5°	3437.8	2690.0	2034.9	1258.0	788.4	458.0	255.1	127.5	75.4	52.2	34.8
20°	3652.3	2858.1	2179.8	1449.3	898.6	527.6	295.7	139.1	75.4	52.2	40.6
17.5°	3837.8	3026.2	2295.7	1611.7	1008.7	579.7	342.0	150.7	81.2	52.2	40.6
15°	4052.3	3188.5	2400.1	1739.2	1113.1	626.1	382.6	162.3	81.2	58.0	40.6
12.5°	4284.2	3339.3	2475.5	1843.6	1223.2	666.7	417.4	185.5	87.0	58.0	40.6
10°	4521.9	3466.8	2539.2	1918.9	1304.4	707.3	440.6	208.7	92.8	58.0	40.6
7.5°	4759.6	3582.8	2620.4	1953.7	1339.2	753.7	452.2	231.9	92.8	63.8	40.6
5°	4921.9	3658.1	2736.3	1976.9	1356.6	805.8	469.6	260.9	98.6	63.8	40.6
2.5°	5061.1	3704.5	2858.1	1994.3	1362.4	834.8	463.8	278.3	104.4	63.8	40.6
0°	5124.8	3704.5	2939.2	1982.7	1345.0	863.8	463.8	295.7	104.4	63.8	40.6
-2.5°	5026.3	3808.8	2916.1	1988.5	1350.8	863.8	487.0	301.5	115.9	69.6	40.6
-5°	4869.8	3849.4	2846.5	1959.5	1339.2	863.8	516.0	307.3	121.7	69.6	46.4
-7.5°	4719.0	3866.8	2765.3	1930.5	1321.8	840.6	521.8	301.5	133.3	75.4	46.4
-10°	4521.9	3675.5	2661.0	1878.3	1287.0	823.2	533.4	301.5	139.1	75.4	46.4
-12.5°	4295.8	3443.6	2533.4	1803.0	1246.4	805.8	539.2	301.5	144.9	81.2	46.4
-15°	4034.9	3205.9	2388.5	1721.8	1188.5	782.6	527.6	295.7	150.7	81.2	52.2
-17.5°	3739.3	2974.0	2237.8	1623.3	1124.7	753.7	504.4	289.9	150.7	81.2	52.2
-20°	3403.0	2742.1	2069.6	1524.7	1049.3	718.9	481.2	278.3	150.7	81.2	52.2



REPORT NUMBER: P722502

CATALOG NUMBER: IFLD-L-SA7B-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3101.6	2527.6	1895.7	1414.5	968.2	678.3	452.2	266.7	150.7	87.0	52.2
-25°	2852.3	2318.9	1762.4	1304.4	881.2	631.9	423.2	255.1	150.7	87.0	52.2
-27.5°	2591.4	2092.8	1623.3	1200.0	823.2	591.3	394.2	243.5	144.9	87.0	52.2
-30°	2324.7	1872.5	1478.3	1084.1	765.2	550.7	371.0	226.1	144.9	87.0	52.2
-32.5°	2081.2	1692.8	1345.0	968.2	701.5	510.2	347.8	220.3	139.1	87.0	52.2
-35°	1843.6	1530.5	1205.8	875.4	631.9	469.6	324.7	214.5	139.1	87.0	52.2
-37.5°	1646.4	1379.8	1078.3	811.6	591.3	434.8	301.5	202.9	133.3	87.0	52.2
-40°	1484.1	1240.6	956.6	742.1	556.5	400.0	278.3	197.1	133.3	87.0	52.2
-42.5°	1333.4	1107.3	881.2	684.1	521.8	376.8	260.9	191.3	127.5	87.0	52.2
-45°	1200.0	991.3	805.8	631.9	481.2	347.8	249.3	179.7	121.7	87.0	58.0
-47.5°	1066.7	910.2	736.3	585.5	440.6	313.1	237.7	173.9	115.9	81.2	58.0
-50°	962.4	823.2	678.3	533.4	400.0	301.5	226.1	162.3	115.9	81.2	58.0
-52.5°	869.6	742.1	614.5	481.2	365.2	284.1	214.5	150.7	110.1	81.2	58.0
-55°	782.6	666.7	550.7	429.0	342.0	266.7	197.1	139.1	110.1	81.2	58.0
-57.5°	695.7	597.1	487.0	388.4	313.1	249.3	185.5	139.1	110.1	81.2	58.0
-60°	626.1	533.4	440.6	359.4	289.9	226.1	168.1	133.3	104.4	81.2	58.0
-62.5°	568.1	481.2	400.0	324.7	266.7	202.9	162.3	133.3	104.4	81.2	52.2
-65°	510.2	434.8	359.4	295.7	237.7	191.3	156.5	127.5	104.4	81.2	52.2
-67.5°	452.2	382.6	324.7	260.9	220.3	185.5	150.7	127.5	98.6	75.4	52.2
-70°	394.2	336.2	284.1	243.5	208.7	173.9	144.9	121.7	98.6	69.6	46.4
-72.5°	347.8	295.7	255.1	226.1	197.1	168.1	139.1	115.9	92.8	63.8	40.6
-75°	295.7	260.9	231.9	202.9	179.7	156.5	133.3	104.4	81.2	58.0	40.6
-77.5°	249.3	226.1	202.9	185.5	162.3	139.1	115.9	92.8	75.4	52.2	34.8
-80°	214.5	197.1	179.7	162.3	144.9	121.7	104.4	81.2	63.8	46.4	29.0
-82.5°	173.9	162.3	144.9	133.3	121.7	104.4	87.0	69.6	46.4	34.8	23.2
-85°	133.3	121.7	115.9	104.4	92.8	75.4	58.0	46.4	34.8	23.2	11.6
-87.5°	69.6	63.8	58.0	52.2	46.4	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: P722502

CATALOG NUMBER: IFLD-L-SA7B-740-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: P722502

CATALOG NUMBER: IFLD-L-SA7B-740-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)