

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: P722740

Luminaire Tested: **IFLD-L-SA8C-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722740
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

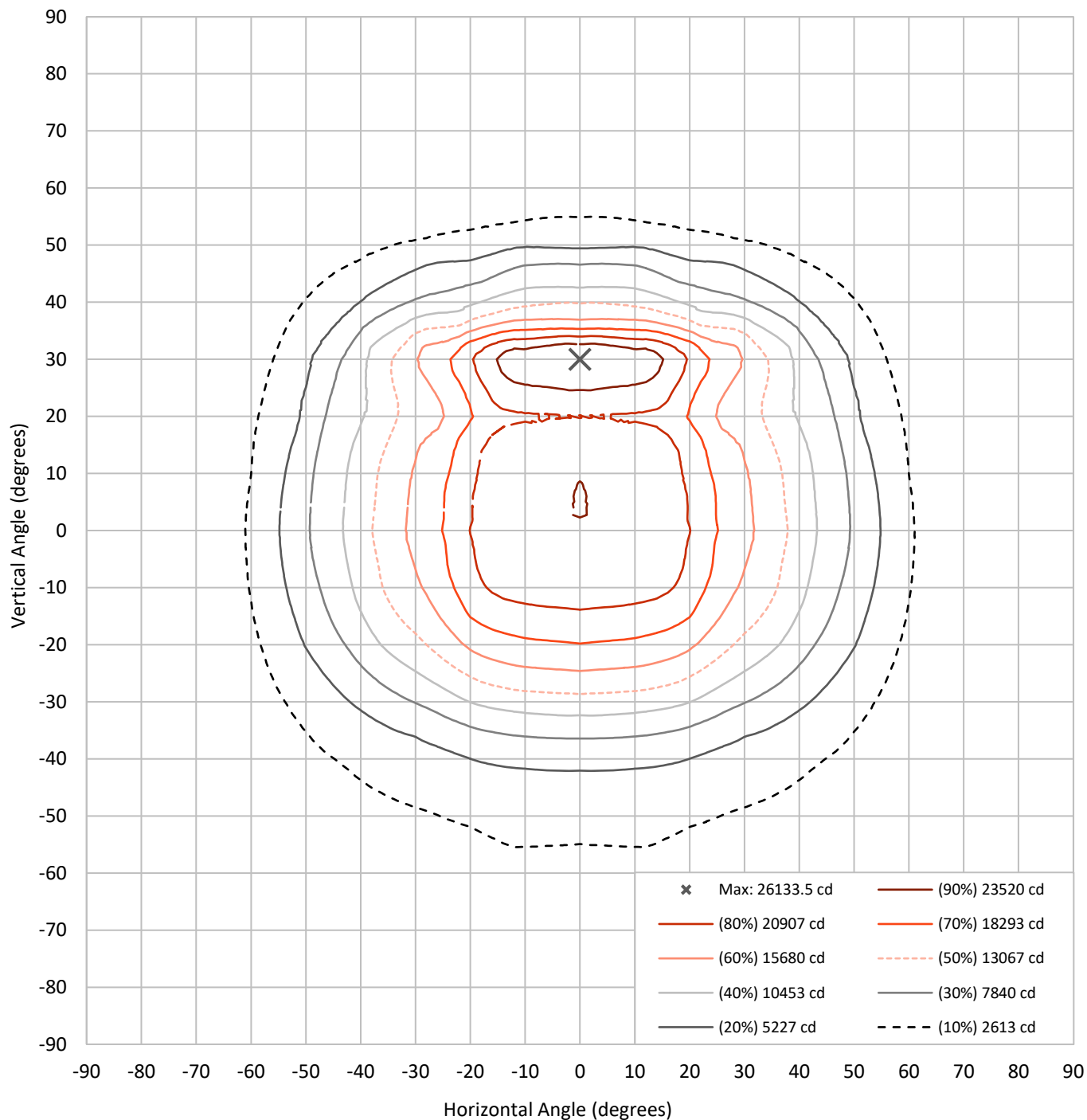
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	37434.6 lumens	Max Intensity:	26133.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	89.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	23881.6 lumens	Field Lumens:	35292.4 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	420.3		
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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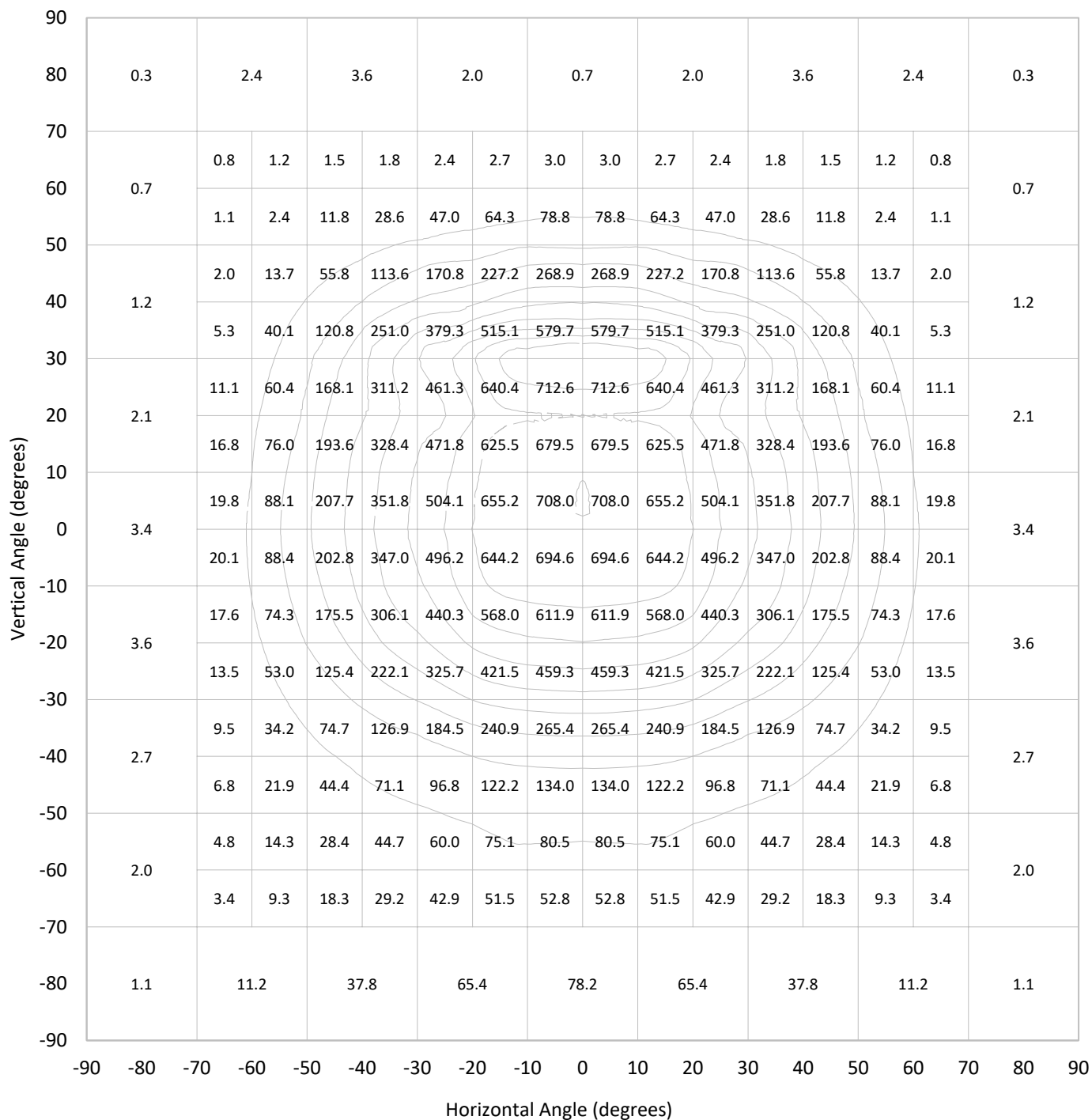
Iso-Candela Plot



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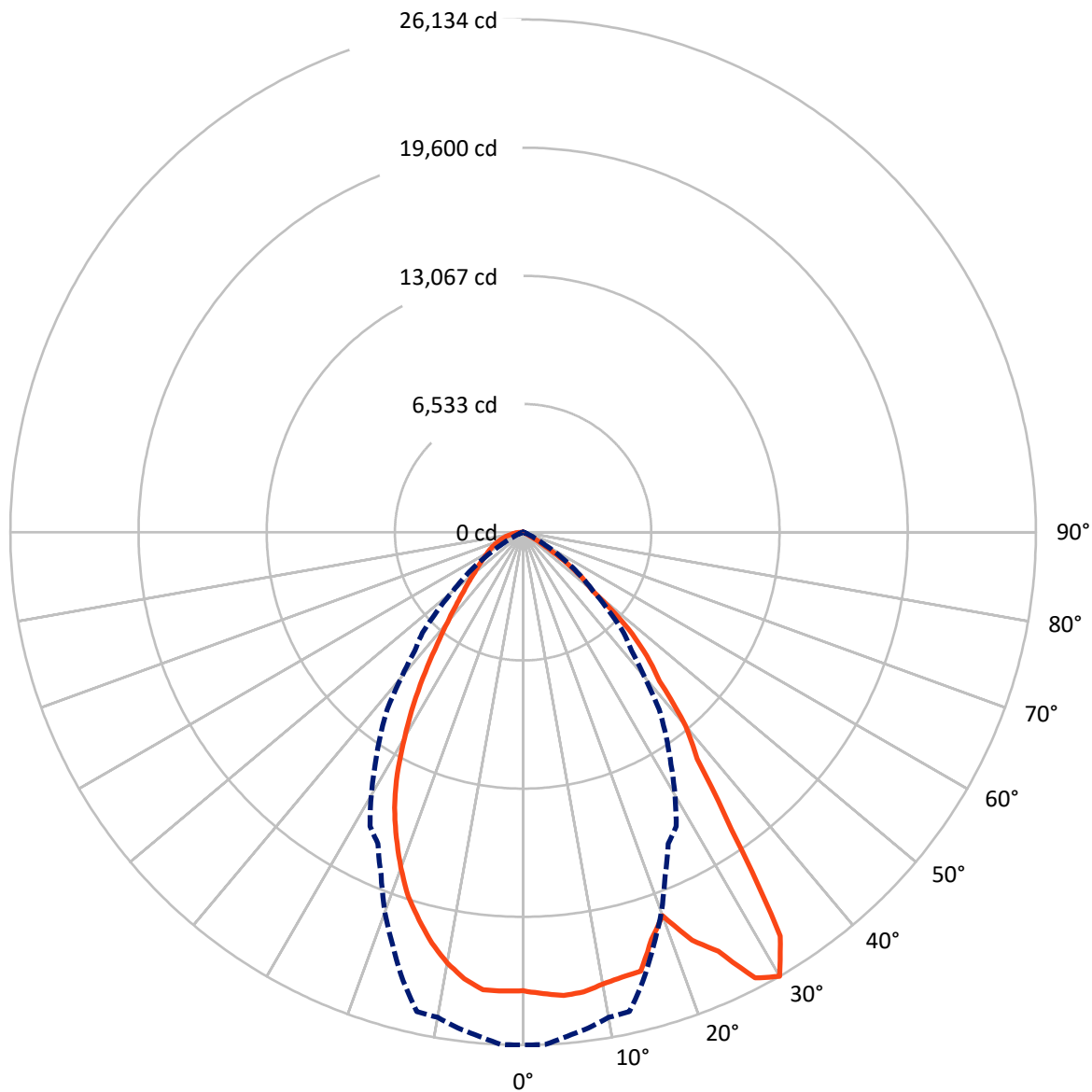
Lumen Table



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Luminous Intensity Polar Plot



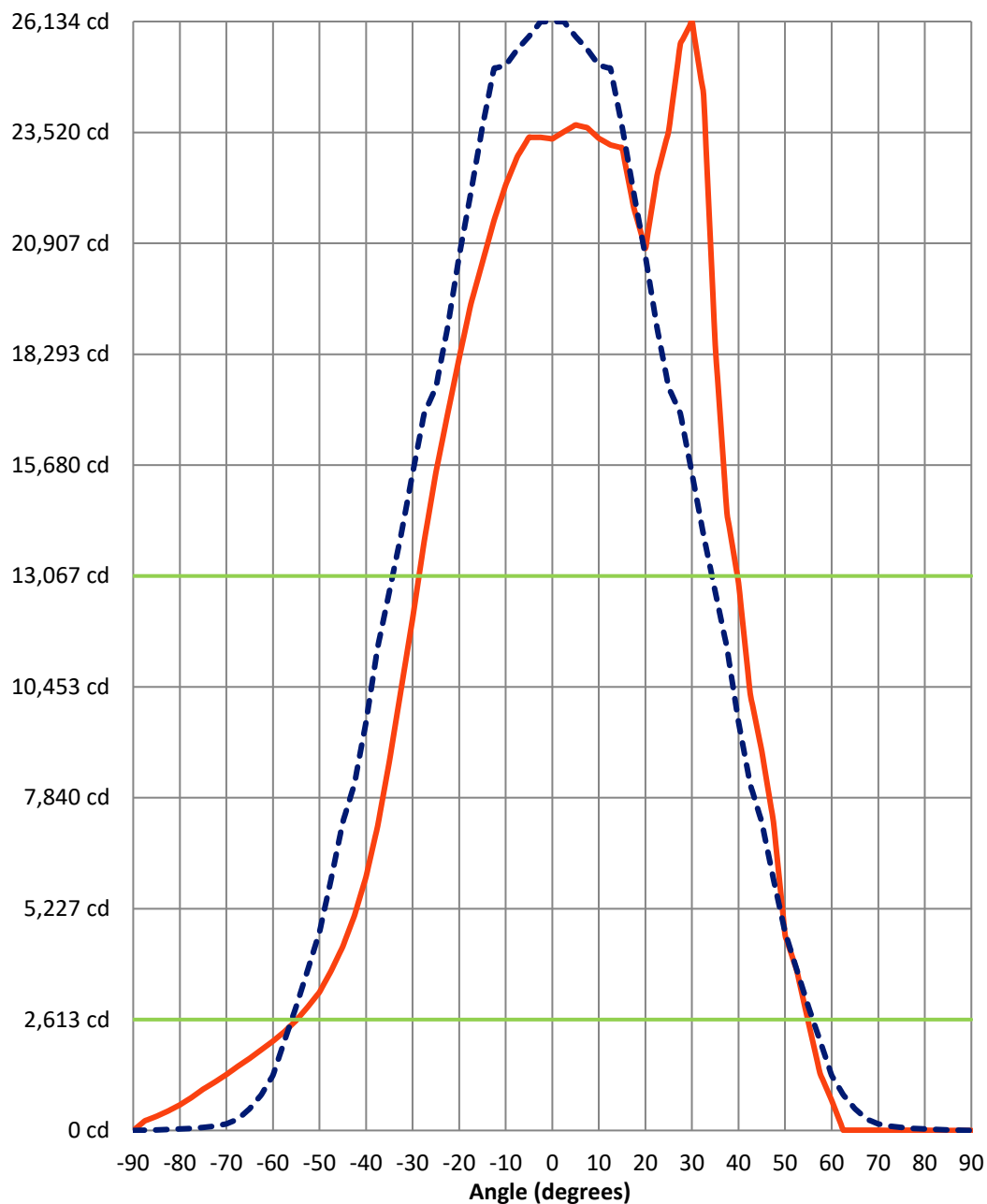
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 23881.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 35292.4

Efficiency: 94.3%

Spill:

Lumens: 2142.2

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	6.0	6.0	6.0	6.0	6.0	6.0	6.0
85°	0.0	6.0	6.0	6.0	11.9	11.9	11.9	11.9	11.9	11.9	17.9
82.5°	0.0	6.0	6.0	6.0	11.9	11.9	11.9	11.9	17.9	17.9	23.8
80°	6.0	6.0	6.0	6.0	11.9	11.9	11.9	17.9	17.9	23.8	23.8
77.5°	6.0	6.0	6.0	11.9	11.9	11.9	17.9	17.9	23.8	23.8	29.8
75°	6.0	6.0	6.0	11.9	11.9	17.9	17.9	17.9	23.8	23.8	29.8
72.5°	0.0	6.0	6.0	11.9	11.9	17.9	17.9	17.9	23.8	23.8	23.8
70°	6.0	6.0	6.0	11.9	11.9	17.9	17.9	17.9	23.8	23.8	23.8
67.5°	6.0	6.0	6.0	11.9	11.9	17.9	17.9	23.8	23.8	23.8	29.8
65°	6.0	6.0	6.0	11.9	17.9	17.9	23.8	29.8	29.8	35.8	41.7
62.5°	6.0	11.9	11.9	17.9	23.8	29.8	65.6	101.3	101.3	71.5	59.6
60°	709.2	768.8	762.8	691.3	601.9	506.6	488.7	470.8	435.1	381.4	399.3
57.5°	1346.9	1418.4	1448.2	1430.3	1382.7	1299.2	1251.5	1197.9	1126.4	1043.0	947.6
55°	2550.8	2580.6	2515.0	2389.9	2252.8	2115.7	2068.0	1996.5	1889.2	1782.0	1638.9
52.5°	3772.5	3873.8	3844.0	3718.9	3534.1	3289.8	3021.6	2813.0	2687.8	2568.7	2425.6
50°	4606.9	4648.6	4732.0	4881.0	4934.7	4767.8	4332.7	3772.5	3373.2	3575.8	3420.9
47.5°	7270.9	7479.5	7437.8	7330.5	7151.7	6698.8	6090.9	5590.2	5173.1	5036.0	5059.8
45°	8933.7	9017.1	8987.3	8939.6	8856.2	8433.0	7759.6	6990.8	6603.4	6448.4	6287.5
42.5°	10298.4	10387.8	10405.7	10411.7	10322.3	9934.9	9327.0	8558.2	8170.8	7723.8	7372.2
40°	12902.9	13034.0	12885.0	12688.3	12390.3	11949.3	11353.3	10644.1	9958.7	9410.4	8993.3
37.5°	14565.6	14726.5	14786.1	14774.2	14708.7	14517.9	13784.9	13111.4	12062.5	10834.8	11055.3
35°	18511.0	18677.9	18630.2	18451.4	18356.0	18153.4	17438.2	16639.6	15322.5	13987.5	13629.9
32.5°	24393.3	24756.8	24077.4	23332.4	22873.5	23034.4	22307.3	20352.5	19744.6	17336.9	16222.4
30°	26133.5	26127.5	25781.9	25477.9	25102.5	25025.0	23654.2	22092.8	20602.9	18916.2	17509.7
27.5°	25603.1	25495.8	25203.8	24983.3	24631.6	24446.9	23105.9	21866.3	20143.9	18636.1	17277.3
25°	23558.9	23642.3	23344.3	23302.6	23165.5	22808.0	22140.5	20745.9	19208.3	17539.5	16562.1
22.5°	22504.0	22474.2	22116.6	21908.0	22074.9	21693.5	21425.3	20018.8	18415.6	17009.1	15835.1
20°	20787.6	20793.6	20704.2	20686.3	20585.0	20412.1	20197.6	19202.3	18070.0	16866.1	15453.6
17.5°	21747.1	21991.5	22098.7	21210.7	21461.1	21264.4	21037.9	19649.3	18797.0	17730.3	15888.7
15°	23153.6	23064.2	22957.0	22909.3	22772.2	22587.4	22176.2	21067.7	19601.6	18499.1	17062.8
12.5°	23225.1	23052.3	23010.6	23004.6	22861.6	22605.3	22206.0	21288.2	19989.0	18648.1	17479.9
10°	23380.1	23201.3	23177.5	23207.3	22986.7	22825.8	22426.5	21574.3	20108.2	18904.3	17801.8
7.5°	23630.4	23332.4	23469.5	23380.1	23278.8	23022.5	22593.4	21759.0	20543.3	19244.0	18087.8
5°	23696.0	23368.2	23517.2	23433.7	23284.7	23034.4	22569.6	21878.2	20811.4	19381.1	18201.1
2.5°	23535.0	23439.7	23374.1	23219.2	23153.6	22879.5	22438.5	21699.4	20686.3	19321.5	18177.2
0°	23368.2	23451.6	23302.6	23147.7	23117.9	22897.4	22521.9	21854.4	20978.3	19488.4	18379.9
-2.5°	23403.9	23338.4	23237.1	23076.1	22921.2	22605.3	22265.6	21639.8	20698.2	19124.8	18093.8
-5°	23403.9	23100.0	23111.9	23117.9	22962.9	22635.1	22223.9	21693.5	20531.3	19118.9	18010.4
-7.5°	22951.0	22688.8	22647.0	22611.3	22569.6	22265.6	21943.8	21282.3	20251.2	18963.9	17777.9
-10°	22283.5	22027.2	22051.1	21997.4	21866.3	21663.7	21419.3	20823.4	19977.1	18475.2	17307.1
-12.5°	21449.1	21335.9	21270.3	21180.9	21049.8	20871.0	20620.7	20060.5	19154.6	17873.3	16764.8
-15°	20459.8	20376.4	20316.8	20263.1	20072.4	19887.7	19559.9	19041.4	18475.2	17098.5	15966.2
-17.5°	19470.5	19261.9	19178.5	19107.0	18981.8	18683.8	18385.8	17998.4	17205.8	16115.2	15143.7
-20°	18201.1	18075.9	17974.6	17879.2	17700.5	17468.0	17223.7	16776.7	16091.3	15209.3	14202.1

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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°	16872.0	16800.5	16717.1	16597.9	16478.7	16258.2	15918.5	15489.4	14953.0	13999.4	13057.8
-25°	15501.3	15364.2	15262.9	15149.7	15054.3	14851.7	14523.9	14112.7	13439.2	12616.8	11830.1
-27.5°	13886.2	13755.1	13701.5	13570.3	13486.9	13302.2	12974.4	12592.9	11985.1	11293.7	10495.1
-30°	12062.5	12086.4	12026.8	11901.6	11800.3	11561.9	11311.6	10989.8	10513.0	9851.5	9136.3
-32.5°	10375.9	10405.7	10334.2	10203.1	10072.0	9899.1	9666.7	9374.7	9017.1	8385.4	7765.6
-35°	8689.3	8677.4	8617.8	8540.3	8450.9	8307.9	8045.7	7825.1	7413.9	6972.9	6543.8
-37.5°	7175.5	7205.3	7187.5	7145.7	7044.4	6925.2	6710.7	6508.0	6204.1	5816.7	5483.0
-40°	5977.6	6013.4	5989.5	5947.8	5858.4	5786.9	5643.9	5465.1	5220.7	4887.0	4606.9
-42.5°	5059.8	5083.7	5053.9	5018.1	4940.6	4887.0	4773.8	4624.8	4422.1	4165.9	3915.6
-45°	4332.7	4338.7	4308.9	4285.1	4225.5	4159.9	4064.5	3945.4	3784.4	3605.6	3403.0
-47.5°	3760.6	3754.6	3724.8	3701.0	3653.3	3593.7	3516.3	3409.0	3283.8	3146.7	2985.8
-50°	3260.0	3289.8	3277.9	3254.0	3218.3	3176.5	3099.1	2985.8	2860.7	2759.4	2646.1
-52.5°	2914.3	2920.3	2914.3	2914.3	2908.4	2878.6	2789.2	2675.9	2538.9	2449.5	2354.1
-55°	2592.5	2622.3	2634.2	2646.1	2652.1	2652.1	2544.8	2425.6	2294.5	2205.1	2133.6
-57.5°	2330.3	2348.1	2360.1	2389.9	2413.7	2431.6	2336.2	2228.9	2127.6	2044.2	1978.6
-60°	2103.8	2127.6	2145.5	2175.3	2193.2	2205.1	2145.5	2074.0	2014.4	1960.8	1865.4
-62.5°	1901.2	1919.0	1936.9	1954.8	1972.7	1984.6	1960.8	1925.0	1895.2	1871.4	1752.2
-65°	1698.5	1716.4	1734.3	1758.1	1776.0	1787.9	1782.0	1758.1	1734.3	1710.4	1603.2
-67.5°	1513.8	1531.7	1555.5	1561.5	1573.4	1579.3	1567.4	1549.5	1519.7	1489.9	1406.5
-70°	1317.1	1329.0	1340.9	1340.9	1340.9	1335.0	1323.1	1299.2	1269.4	1227.7	1162.2
-72.5°	1138.3	1150.2	1162.2	1144.3	1132.4	1114.5	1096.6	1066.8	1037.0	1007.2	971.4
-75°	971.4	977.4	977.4	953.6	935.7	917.8	894.0	876.1	846.3	822.4	792.6
-77.5°	774.8	774.8	774.8	756.9	745.0	733.0	715.2	697.3	673.5	655.6	631.7
-80°	601.9	601.9	601.9	596.0	578.1	566.2	554.3	542.3	524.5	512.5	500.6
-82.5°	458.9	458.9	458.9	452.9	441.0	435.1	423.1	411.2	405.3	393.3	387.4
-85°	333.7	339.7	339.7	333.7	327.8	315.9	309.9	303.9	298.0	292.0	280.1
-87.5°	226.5	226.5	226.5	220.5	214.6	214.6	208.6	196.7	184.8	178.8	172.8
-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°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
85°	17.9	17.9	17.9	23.8	23.8	23.8	23.8	23.8	23.8	23.8	17.9
82.5°	29.8	29.8	35.8	35.8	41.7	41.7	41.7	41.7	41.7	41.7	41.7
80°	29.8	35.8	41.7	47.7	53.6	59.6	59.6	59.6	59.6	53.6	53.6
77.5°	35.8	35.8	41.7	47.7	53.6	59.6	65.6	71.5	65.6	65.6	65.6
75°	35.8	41.7	41.7	47.7	53.6	59.6	65.6	71.5	71.5	71.5	71.5
72.5°	29.8	35.8	41.7	47.7	47.7	53.6	59.6	59.6	65.6	65.6	71.5
70°	29.8	35.8	41.7	41.7	47.7	47.7	53.6	59.6	59.6	65.6	65.6
67.5°	35.8	41.7	41.7	47.7	53.6	53.6	53.6	59.6	59.6	65.6	65.6
65°	41.7	47.7	47.7	53.6	59.6	59.6	65.6	65.6	65.6	71.5	71.5
62.5°	71.5	71.5	71.5	65.6	71.5	71.5	71.5	77.5	77.5	71.5	77.5
60°	369.5	268.2	184.8	232.4	208.6	95.4	95.4	95.4	89.4	89.4	83.4
57.5°	870.1	810.5	697.3	590.0	530.4	470.8	292.0	119.2	119.2	107.3	95.4
55°	1454.2	1257.5	1174.1	1031.0	876.1	804.6	667.5	452.9	214.6	143.0	125.2
52.5°	2252.8	2068.0	1853.5	1561.5	1352.9	1186.0	1072.8	852.2	572.1	303.9	190.7
50°	3015.6	2932.2	2801.1	2515.0	2080.0	1799.8	1615.1	1364.8	1025.1	625.8	357.6
47.5°	4857.2	4159.9	3736.8	3516.3	3152.7	2622.3	2264.7	1984.6	1573.4	1054.9	631.7
45°	6114.7	5673.7	5000.2	4535.4	3999.0	3438.8	2973.9	2652.1	2163.4	1579.3	989.3
42.5°	7193.4	6812.0	6204.1	5524.7	4958.5	4225.5	3629.5	3206.3	2795.1	2157.4	1478.0
40°	8582.0	8129.1	7545.0	6883.5	6222.0	5286.3	4320.8	3808.3	3355.3	2789.2	1996.5
37.5°	10870.6	10072.0	9118.4	8385.4	7521.2	6728.6	5405.5	4499.6	3963.2	3373.2	2604.4
35°	13624.0	12747.9	11156.6	10185.2	9029.0	7849.0	6657.0	5316.1	4553.2	3927.5	3164.6
32.5°	16186.7	14905.3	12867.1	11728.8	10960.0	8784.7	7551.0	6388.9	5161.1	4392.3	3486.5
30°	16895.9	15483.4	14023.3	12694.3	11383.1	9625.0	8164.9	7259.0	5924.0	4672.4	3790.4
27.5°	16180.7	15209.3	14076.9	12843.3	11424.8	9917.0	8540.3	7676.2	6484.2	4863.2	4028.8
25°	15453.6	14440.5	13647.8	12616.8	11305.6	9899.1	8552.2	7938.4	6919.3	5232.7	4159.9
22.5°	14684.8	14053.1	13397.5	12247.3	11007.7	9952.8	8939.6	8164.9	7145.7	5649.8	4213.5
20°	14726.5	14315.3	13594.2	12056.6	10954.0	10268.6	9404.5	8450.9	7390.1	6013.4	4255.3
17.5°	15394.0	14857.7	13951.8	12616.8	11436.8	10590.5	9791.9	8844.3	7640.4	6335.2	4761.8
15°	16216.5	15400.0	14452.4	13278.3	11943.3	10942.1	10089.9	9118.4	7926.5	6633.2	5214.8
12.5°	16812.5	15650.3	14762.3	13701.5	12491.6	11323.5	10286.5	9327.0	8194.7	6877.5	5554.5
10°	17015.1	15960.2	14911.3	13963.7	12771.7	11526.2	10435.5	9458.1	8427.1	7068.3	5804.8
7.5°	17122.4	16228.4	15012.6	14082.9	12938.6	11651.3	10554.7	9529.6	8611.8	7199.4	5965.7
5°	17110.4	16371.4	15090.1	14118.6	13028.0	11704.9	10638.2	9547.5	8743.0	7312.6	6061.1
2.5°	17056.8	16466.8	15215.2	14178.2	13206.8	11806.3	10799.1	9583.3	8790.6	7437.8	6126.6
0°	17253.5	16472.7	15346.4	14196.1	13326.0	11842.0	10870.6	9553.5	8725.1	7473.5	6120.7
-2.5°	16830.3	16121.1	15316.6	14041.2	13165.1	11758.6	10739.5	9458.1	8582.0	7431.8	6096.8
-5°	16758.8	15864.9	15066.2	13898.1	12896.9	11585.8	10495.1	9279.3	8355.6	7294.7	6001.5
-7.5°	16568.1	15620.5	14821.9	13784.9	12646.6	11407.0	10262.7	9094.6	8111.2	7080.2	5864.4
-10°	16150.9	15245.0	14559.7	13540.5	12342.6	11150.7	9982.6	8850.2	7825.1	6788.2	5649.8
-12.5°	15554.9	14649.1	13969.7	13022.1	11961.2	10805.0	9648.8	8534.4	7497.4	6478.2	5393.6
-15°	14881.5	13963.7	13284.3	12420.1	11395.0	10268.6	9225.7	8135.1	7121.9	6150.5	5089.6
-17.5°	14118.6	13248.5	12592.9	11752.6	10733.5	9660.8	8623.8	7634.4	6686.8	5810.8	4738.0
-20°	13236.6	12390.3	11788.4	10948.1	10012.4	8969.4	7962.2	7026.5	6174.3	5351.9	4350.6

REPORT NUMBER: P722740

CATALOG NUMBER: IFLD-L-SA8C-940-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°	12146.0	11401.0	10715.6	9964.7	9148.2	8194.7	7259.0	6430.6	5614.1	4809.5	3951.3
-25°	11031.5	10310.4	9642.9	8957.5	8176.8	7354.3	6555.7	5804.8	5006.2	4279.1	3563.9
-27.5°	9791.9	9148.2	8552.2	7920.5	7205.3	6496.1	5840.6	5107.5	4416.2	3796.4	3182.5
-30°	8468.8	7944.3	7425.8	6865.6	6287.5	5691.6	5107.5	4416.2	3873.8	3379.2	2860.7
-32.5°	7199.4	6728.6	6311.4	5894.2	5393.6	4904.9	4386.4	3873.8	3420.9	2985.8	2550.8
-35°	6084.9	5584.3	5351.9	5018.1	4618.8	4177.8	3754.6	3397.1	3033.5	2640.2	2252.8
-37.5°	5119.4	4797.6	4523.4	4273.1	3957.3	3575.8	3271.9	2979.9	2675.9	2318.3	1984.6
-40°	4362.5	4130.1	3856.0	3671.2	3414.9	3140.8	2836.8	2592.5	2336.2	2044.2	1770.0
-42.5°	3754.6	3563.9	3385.1	3188.5	2997.8	2765.3	2503.1	2270.7	2038.2	1823.7	1597.2
-45°	3254.0	3116.9	2973.9	2813.0	2646.1	2443.5	2228.9	1990.6	1823.7	1633.0	1442.3
-47.5°	2842.8	2741.5	2622.3	2497.1	2354.1	2175.3	1978.6	1805.8	1633.0	1472.1	1287.3
-50°	2515.0	2419.7	2324.3	2217.0	2091.9	1936.9	1787.9	1627.0	1466.1	1311.1	1138.3
-52.5°	2240.9	2157.4	2080.0	1990.6	1871.4	1740.2	1603.2	1460.1	1311.1	1156.2	1019.1
-55°	2050.2	1954.8	1877.3	1787.9	1680.6	1555.5	1430.3	1299.2	1156.2	1037.0	923.8
-57.5°	1895.2	1787.9	1698.5	1603.2	1495.9	1388.6	1275.4	1156.2	1048.9	935.7	828.4
-60°	1764.1	1638.9	1537.6	1442.3	1340.9	1239.6	1144.3	1043.0	941.6	840.3	733.0
-62.5°	1627.0	1495.9	1370.7	1281.3	1203.9	1114.5	1031.0	935.7	846.3	745.0	667.5
-65°	1472.1	1346.9	1227.7	1150.2	1078.7	1001.2	923.8	840.3	762.8	685.4	613.9
-67.5°	1299.2	1191.9	1108.5	1037.0	965.5	899.9	828.4	756.9	691.3	613.9	542.3
-70°	1090.6	1031.0	983.4	929.7	864.2	804.6	739.0	673.5	601.9	536.4	470.8
-72.5°	929.7	894.0	858.2	804.6	745.0	691.3	637.7	578.1	518.5	458.9	405.3
-75°	762.8	733.0	703.3	667.5	619.8	578.1	530.4	476.8	429.1	387.4	345.7
-77.5°	613.9	590.0	572.1	542.3	506.6	470.8	441.0	405.3	369.5	327.8	286.1
-80°	488.7	476.8	470.8	458.9	429.1	399.3	375.5	345.7	309.9	280.1	250.3
-82.5°	381.4	381.4	375.5	369.5	345.7	321.8	303.9	280.1	256.3	232.4	202.6
-85°	280.1	274.1	274.1	268.2	250.3	238.4	220.5	208.6	190.7	166.9	155.0
-87.5°	166.9	160.9	155.0	149.0	137.1	131.1	119.2	113.2	101.3	89.4	83.4
-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: P722740

CATALOG NUMBER: IFLD-L-SA8C-940-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°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	0.0	0.0
85°	17.9	11.9	11.9	11.9	11.9	11.9	6.0	6.0	6.0	6.0	6.0
82.5°	35.8	35.8	29.8	29.8	23.8	17.9	11.9	11.9	11.9	6.0	6.0
80°	53.6	53.6	53.6	47.7	41.7	29.8	23.8	17.9	11.9	6.0	6.0
77.5°	65.6	59.6	59.6	53.6	53.6	47.7	35.8	29.8	17.9	11.9	6.0
75°	65.6	65.6	65.6	59.6	59.6	53.6	47.7	35.8	29.8	17.9	11.9
72.5°	71.5	65.6	65.6	65.6	59.6	53.6	47.7	41.7	35.8	23.8	11.9
70°	65.6	65.6	65.6	65.6	59.6	59.6	47.7	41.7	41.7	23.8	17.9
67.5°	65.6	65.6	65.6	59.6	59.6	53.6	47.7	41.7	41.7	29.8	17.9
65°	71.5	65.6	65.6	65.6	59.6	53.6	47.7	41.7	41.7	35.8	23.8
62.5°	77.5	71.5	71.5	65.6	59.6	53.6	47.7	41.7	41.7	35.8	23.8
60°	83.4	77.5	71.5	71.5	65.6	59.6	47.7	47.7	41.7	35.8	23.8
57.5°	89.4	83.4	83.4	77.5	71.5	65.6	53.6	47.7	41.7	35.8	29.8
55°	107.3	95.4	89.4	89.4	83.4	71.5	59.6	47.7	41.7	35.8	29.8
52.5°	143.0	113.2	101.3	101.3	95.4	83.4	65.6	53.6	41.7	35.8	29.8
50°	226.5	143.0	119.2	107.3	107.3	95.4	77.5	59.6	41.7	35.8	29.8
47.5°	357.6	238.4	143.0	125.2	119.2	113.2	89.4	59.6	47.7	35.8	29.8
45°	590.0	351.6	232.4	149.0	125.2	119.2	101.3	65.6	47.7	41.7	29.8
42.5°	810.5	548.3	357.6	178.8	149.0	131.1	107.3	71.5	53.6	41.7	29.8
40°	1275.4	750.9	500.6	292.0	172.8	137.1	119.2	83.4	53.6	41.7	29.8
37.5°	1728.3	995.3	673.5	429.1	196.7	155.0	125.2	89.4	59.6	41.7	35.8
35°	2181.3	1394.6	834.4	572.1	262.2	184.8	131.1	95.4	59.6	41.7	35.8
32.5°	2586.5	1770.0	1001.2	715.2	393.3	220.5	143.0	101.3	65.6	47.7	35.8
30°	2920.3	2115.7	1299.2	840.3	512.5	268.2	155.0	101.3	71.5	47.7	35.8
27.5°	3170.6	2383.9	1603.2	971.4	613.9	315.9	178.8	113.2	71.5	47.7	35.8
25°	3373.2	2592.5	1871.4	1108.5	703.3	393.3	214.6	119.2	77.5	53.6	35.8
22.5°	3534.1	2765.3	2091.9	1293.3	810.5	470.8	262.2	131.1	77.5	53.6	35.8
20°	3754.6	2938.2	2240.9	1489.9	923.8	542.3	303.9	143.0	77.5	53.6	41.7
17.5°	3945.4	3111.0	2360.1	1656.8	1037.0	596.0	351.6	155.0	83.4	53.6	41.7
15°	4165.9	3277.9	2467.3	1787.9	1144.3	643.7	393.3	166.9	83.4	59.6	41.7
12.5°	4404.3	3432.8	2544.8	1895.2	1257.5	685.4	429.1	190.7	89.4	59.6	41.7
10°	4648.6	3563.9	2610.4	1972.7	1340.9	727.1	452.9	214.6	95.4	59.6	41.7
7.5°	4893.0	3683.1	2693.8	2008.4	1376.7	774.8	464.9	238.4	95.4	65.6	41.7
5°	5059.8	3760.6	2813.0	2032.3	1394.6	828.4	482.7	268.2	101.3	65.6	41.7
2.5°	5202.9	3808.3	2938.2	2050.2	1400.5	858.2	476.8	286.1	107.3	65.6	41.7
0°	5268.4	3808.3	3021.6	2038.2	1382.7	888.0	476.8	303.9	107.3	65.6	41.7
-2.5°	5167.1	3915.6	2997.8	2044.2	1388.6	888.0	500.6	309.9	119.2	71.5	41.7
-5°	5006.2	3957.3	2926.2	2014.4	1376.7	888.0	530.4	315.9	125.2	71.5	47.7
-7.5°	4851.2	3975.2	2842.8	1984.6	1358.8	864.2	536.4	309.9	137.1	77.5	47.7
-10°	4648.6	3778.5	2735.5	1931.0	1323.1	846.3	548.3	309.9	143.0	77.5	47.7
-12.5°	4416.2	3540.1	2604.4	1853.5	1281.3	828.4	554.3	309.9	149.0	83.4	47.7
-15°	4148.0	3295.7	2455.4	1770.0	1221.7	804.6	542.3	303.9	155.0	83.4	53.6
-17.5°	3844.0	3057.4	2300.5	1668.7	1156.2	774.8	518.5	298.0	155.0	83.4	53.6
-20°	3498.4	2819.0	2127.6	1567.4	1078.7	739.0	494.7	286.1	155.0	83.4	53.6



REPORT NUMBER: P722740

CATALOG NUMBER: IFLD-L-SA8C-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3188.5	2598.5	1948.8	1454.2	995.3	697.3	464.9	274.1	155.0	89.4	53.6
-25°	2932.2	2383.9	1811.8	1340.9	905.9	649.6	435.1	262.2	155.0	89.4	53.6
-27.5°	2664.0	2151.5	1668.7	1233.7	846.3	607.9	405.3	250.3	149.0	89.4	53.6
-30°	2389.9	1925.0	1519.7	1114.5	786.7	566.2	381.4	232.4	149.0	89.4	53.6
-32.5°	2139.5	1740.2	1382.7	995.3	721.1	524.5	357.6	226.5	143.0	89.4	53.6
-35°	1895.2	1573.4	1239.6	899.9	649.6	482.7	333.7	220.5	143.0	89.4	53.6
-37.5°	1692.6	1418.4	1108.5	834.4	607.9	447.0	309.9	208.6	137.1	89.4	53.6
-40°	1525.7	1275.4	983.4	762.8	572.1	411.2	286.1	202.6	137.1	89.4	53.6
-42.5°	1370.7	1138.3	905.9	703.3	536.4	387.4	268.2	196.7	131.1	89.4	53.6
-45°	1233.7	1019.1	828.4	649.6	494.7	357.6	256.3	184.8	125.2	89.4	59.6
-47.5°	1096.6	935.7	756.9	601.9	452.9	321.8	244.3	178.8	119.2	83.4	59.6
-50°	989.3	846.3	697.3	548.3	411.2	309.9	232.4	166.9	119.2	83.4	59.6
-52.5°	894.0	762.8	631.7	494.7	375.5	292.0	220.5	155.0	113.2	83.4	59.6
-55°	804.6	685.4	566.2	441.0	351.6	274.1	202.6	143.0	113.2	83.4	59.6
-57.5°	715.2	613.9	500.6	399.3	321.8	256.3	190.7	143.0	113.2	83.4	59.6
-60°	643.7	548.3	452.9	369.5	298.0	232.4	172.8	137.1	107.3	83.4	59.6
-62.5°	584.1	494.7	411.2	333.7	274.1	208.6	166.9	137.1	107.3	83.4	53.6
-65°	524.5	447.0	369.5	303.9	244.3	196.7	160.9	131.1	107.3	83.4	53.6
-67.5°	464.9	393.3	333.7	268.2	226.5	190.7	155.0	131.1	101.3	77.5	53.6
-70°	405.3	345.7	292.0	250.3	214.6	178.8	149.0	125.2	101.3	71.5	47.7
-72.5°	357.6	303.9	262.2	232.4	202.6	172.8	143.0	119.2	95.4	65.6	41.7
-75°	303.9	268.2	238.4	208.6	184.8	160.9	137.1	107.3	83.4	59.6	41.7
-77.5°	256.3	232.4	208.6	190.7	166.9	143.0	119.2	95.4	77.5	53.6	35.8
-80°	220.5	202.6	184.8	166.9	149.0	125.2	107.3	83.4	65.6	47.7	29.8
-82.5°	178.8	166.9	149.0	137.1	125.2	107.3	89.4	71.5	47.7	35.8	23.8
-85°	137.1	125.2	119.2	107.3	95.4	77.5	59.6	47.7	35.8	23.8	11.9
-87.5°	71.5	65.6	59.6	53.6	47.7	35.8	29.8	23.8	17.9	11.9	6.0
-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: P722740

CATALOG NUMBER: IFLD-L-SA8C-940-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°	6.0	0.0	0.0	0.0
77.5°	6.0	0.0	0.0	0.0
75°	6.0	6.0	0.0	0.0
72.5°	6.0	6.0	0.0	0.0
70°	6.0	6.0	0.0	0.0
67.5°	11.9	6.0	0.0	0.0
65°	11.9	6.0	0.0	0.0
62.5°	11.9	6.0	0.0	0.0
60°	11.9	6.0	0.0	0.0
57.5°	17.9	6.0	6.0	0.0
55°	17.9	6.0	6.0	0.0
52.5°	17.9	6.0	6.0	0.0
50°	17.9	11.9	6.0	0.0
47.5°	17.9	11.9	6.0	0.0
45°	17.9	11.9	6.0	0.0
42.5°	17.9	11.9	6.0	0.0
40°	23.8	11.9	6.0	0.0
37.5°	23.8	11.9	6.0	0.0
35°	23.8	11.9	6.0	0.0
32.5°	23.8	11.9	6.0	0.0
30°	23.8	11.9	6.0	0.0
27.5°	23.8	17.9	6.0	0.0
25°	23.8	17.9	6.0	0.0
22.5°	29.8	17.9	6.0	0.0
20°	29.8	17.9	6.0	0.0
17.5°	29.8	17.9	6.0	0.0
15°	29.8	17.9	6.0	0.0
12.5°	29.8	17.9	6.0	0.0
10°	29.8	17.9	6.0	0.0
7.5°	29.8	17.9	6.0	0.0
5°	29.8	17.9	6.0	0.0
2.5°	29.8	17.9	6.0	0.0
0°	29.8	17.9	6.0	0.0
-2.5°	29.8	17.9	6.0	0.0
-5°	29.8	17.9	6.0	0.0
-7.5°	29.8	17.9	6.0	0.0
-10°	29.8	17.9	6.0	0.0
-12.5°	35.8	17.9	6.0	0.0
-15°	35.8	17.9	6.0	0.0
-17.5°	35.8	17.9	6.0	0.0
-20°	35.8	17.9	6.0	0.0

REPORT NUMBER: P722740

CATALOG NUMBER: IFLD-L-SA8C-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	35.8	17.9	6.0	0.0
-25°	35.8	17.9	6.0	0.0
-27.5°	35.8	17.9	6.0	0.0
-30°	35.8	17.9	6.0	0.0
-32.5°	35.8	17.9	6.0	0.0
-35°	35.8	17.9	6.0	0.0
-37.5°	35.8	17.9	6.0	0.0
-40°	35.8	17.9	6.0	0.0
-42.5°	29.8	17.9	6.0	0.0
-45°	35.8	17.9	6.0	0.0
-47.5°	35.8	17.9	6.0	0.0
-50°	35.8	17.9	6.0	0.0
-52.5°	35.8	17.9	6.0	0.0
-55°	35.8	17.9	6.0	0.0
-57.5°	35.8	17.9	6.0	0.0
-60°	35.8	17.9	6.0	0.0
-62.5°	29.8	17.9	6.0	0.0
-65°	29.8	11.9	6.0	0.0
-67.5°	29.8	11.9	6.0	0.0
-70°	29.8	11.9	6.0	0.0
-72.5°	23.8	11.9	6.0	0.0
-75°	23.8	11.9	6.0	0.0
-77.5°	17.9	6.0	0.0	0.0
-80°	17.9	6.0	0.0	0.0
-82.5°	11.9	6.0	0.0	0.0
-85°	6.0	6.0	0.0	0.0
-87.5°	6.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)