

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: P722677

Luminaire Tested: **IFLD-L-SA7C-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722677
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	29010.9 lumens	Max Intensity:	20252.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	78.6 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:	18507.7 lumens	Field Lumens:	27350.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

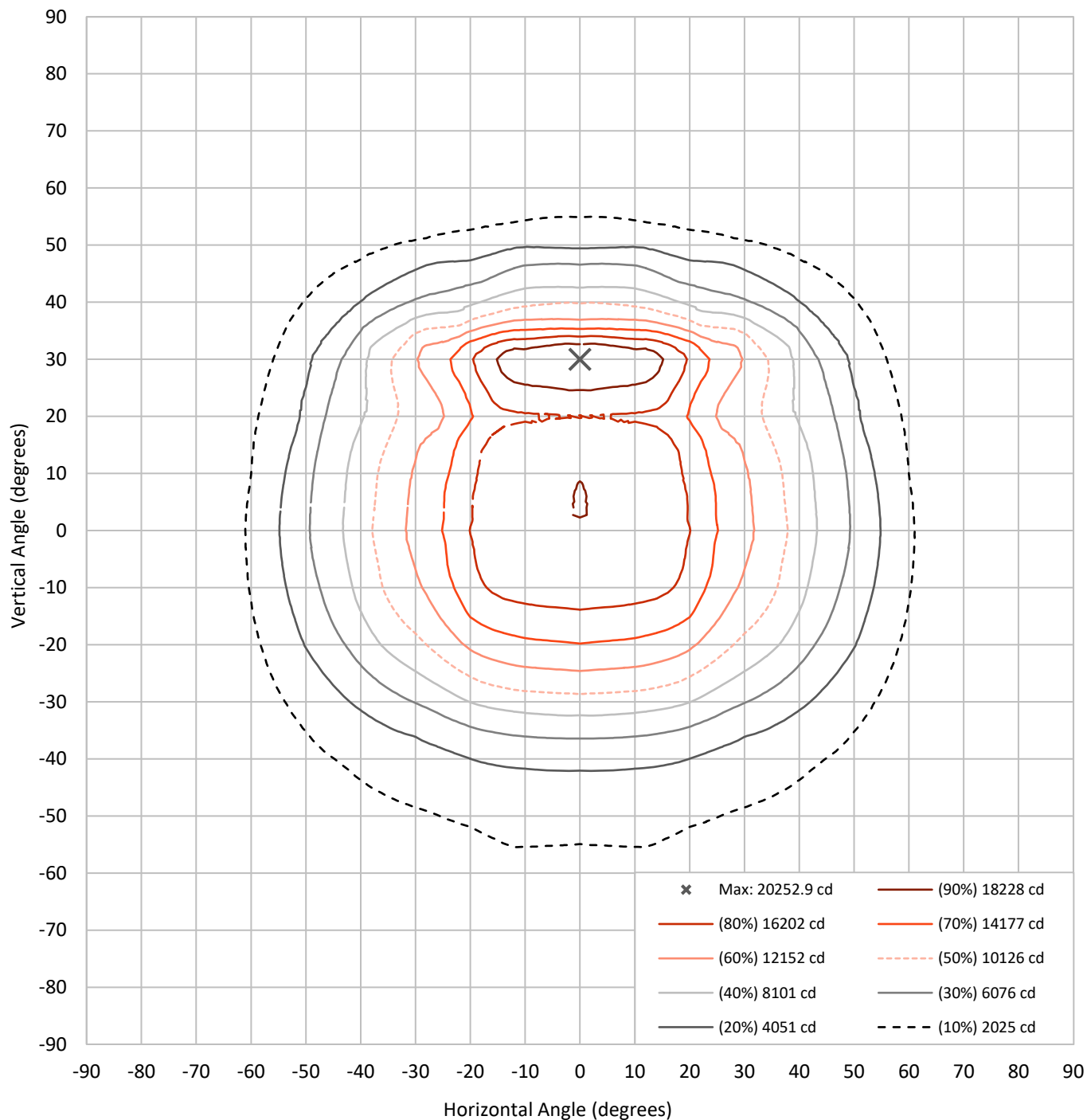
Input Watts (W): 369
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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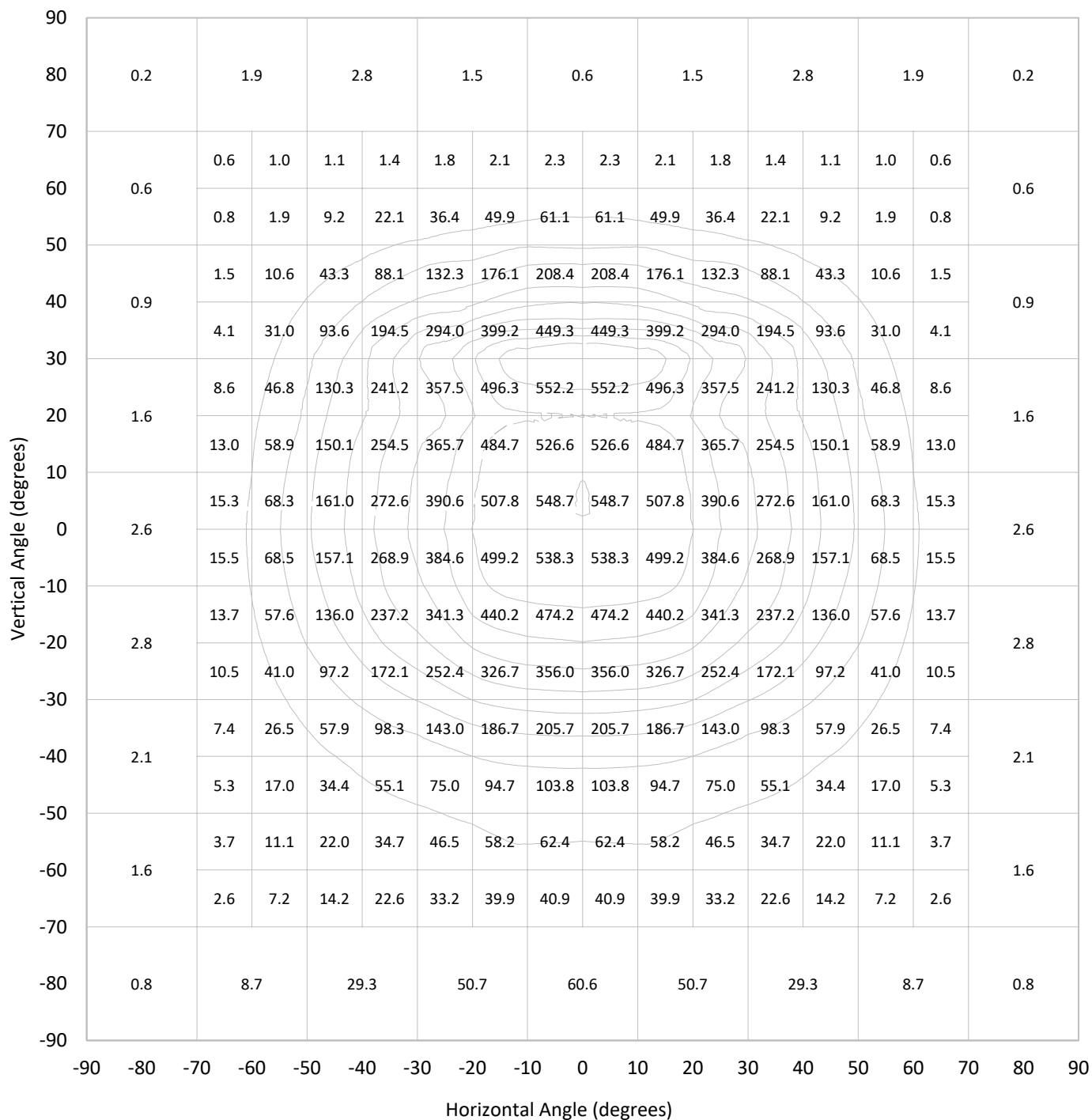
Iso-Candela Plot



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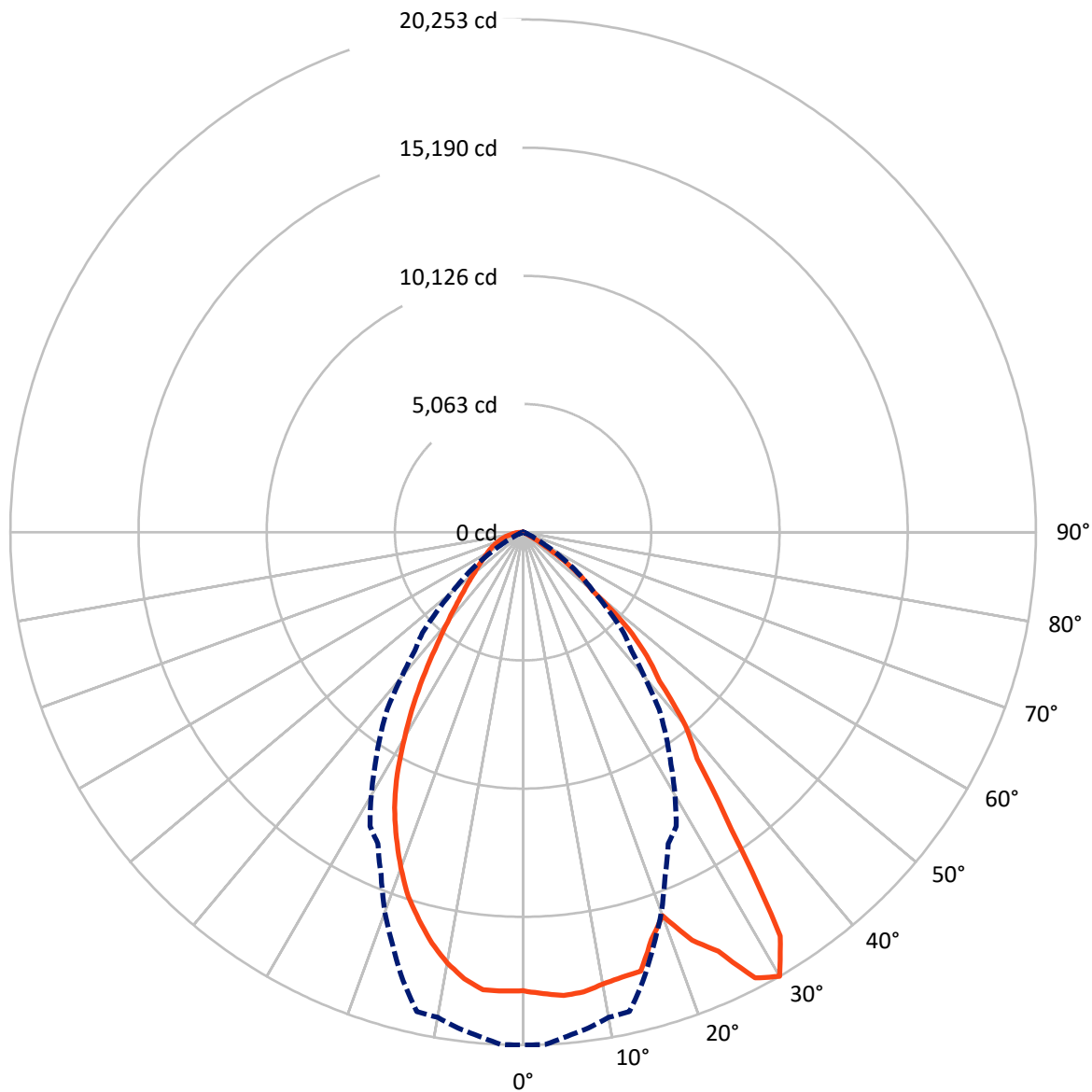
Lumen Table



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Luminous Intensity Polar Plot



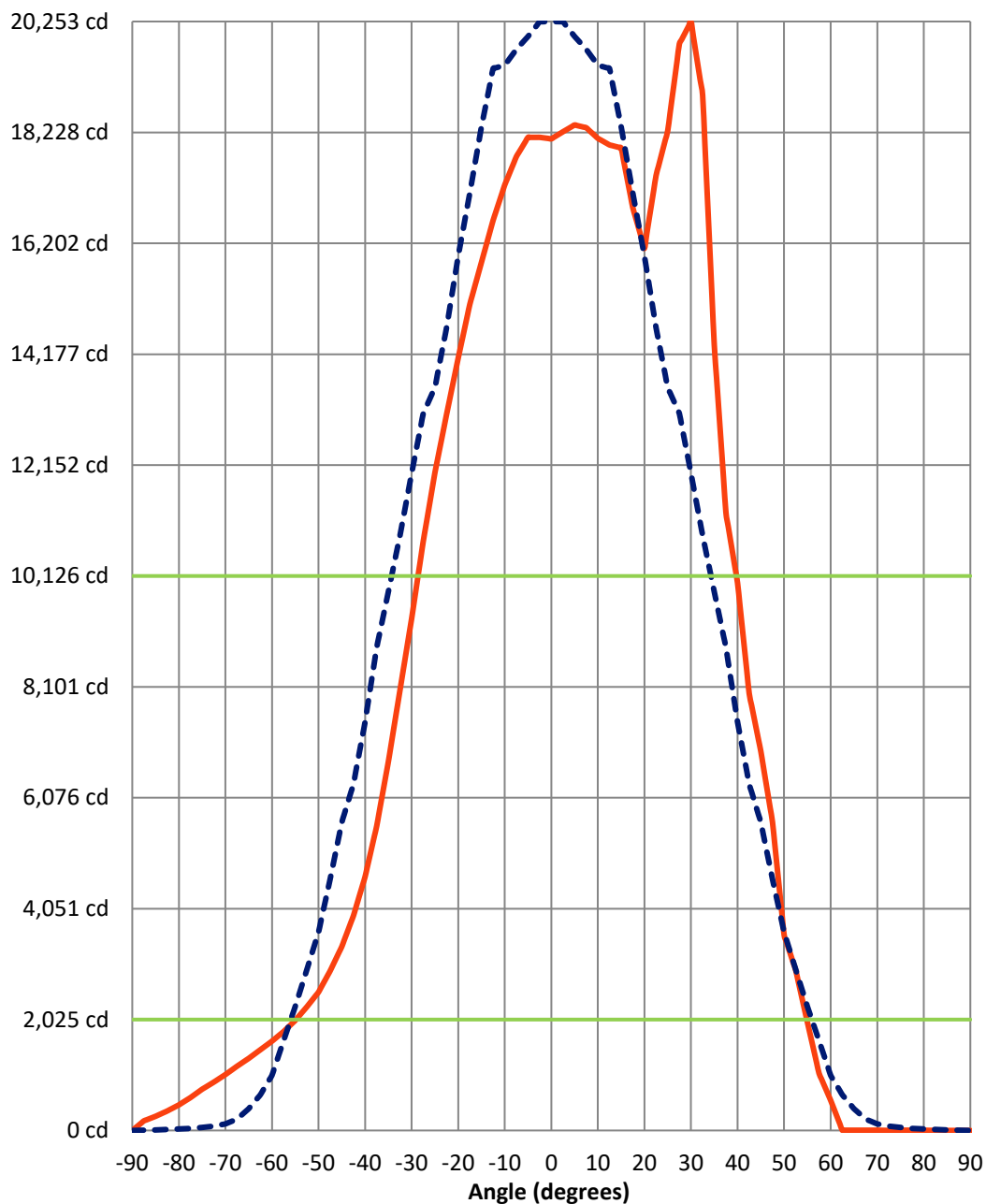
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 18507.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 27350.8

Efficiency: 94.3%

Spill:

Lumens: 1660.1

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	4.6	4.6	4.6	4.6	4.6	4.6	4.6
85°	0.0	4.6	4.6	4.6	9.2	9.2	9.2	9.2	9.2	9.2	13.9
82.5°	0.0	4.6	4.6	4.6	9.2	9.2	9.2	9.2	13.9	13.9	18.5
80°	4.6	4.6	4.6	4.6	9.2	9.2	9.2	13.9	13.9	18.5	18.5
77.5°	4.6	4.6	4.6	9.2	9.2	9.2	13.9	13.9	18.5	18.5	23.1
75°	4.6	4.6	4.6	9.2	9.2	13.9	13.9	13.9	18.5	18.5	23.1
72.5°	0.0	4.6	4.6	9.2	9.2	13.9	13.9	13.9	18.5	18.5	18.5
70°	4.6	4.6	4.6	9.2	9.2	13.9	13.9	13.9	18.5	18.5	18.5
67.5°	4.6	4.6	4.6	9.2	9.2	13.9	13.9	18.5	18.5	18.5	23.1
65°	4.6	4.6	4.6	9.2	13.9	13.9	18.5	23.1	23.1	27.7	32.3
62.5°	4.6	9.2	9.2	13.9	18.5	23.1	50.8	78.5	78.5	55.4	46.2
60°	549.6	595.8	591.2	535.8	466.5	392.6	378.7	364.9	337.2	295.6	309.5
57.5°	1043.8	1099.2	1122.3	1108.5	1071.5	1006.9	969.9	928.4	872.9	808.3	734.4
55°	1976.8	1999.9	1949.1	1852.1	1745.9	1639.6	1602.7	1547.3	1464.1	1381.0	1270.1
52.5°	2923.6	3002.1	2979.0	2882.0	2738.9	2549.5	2341.7	2180.0	2083.0	1990.6	1879.8
50°	3570.2	3602.6	3667.2	3782.7	3824.3	3694.9	3357.8	2923.6	2614.2	2771.2	2651.1
47.5°	5634.8	5796.4	5764.1	5681.0	5542.4	5191.4	4720.3	4332.3	4009.0	3902.8	3921.2
45°	6923.4	6988.0	6965.0	6928.0	6863.3	6535.4	6013.5	5417.7	5117.5	4997.4	4872.7
42.5°	7981.1	8050.3	8064.2	8068.8	7999.5	7699.3	7228.2	6632.4	6332.2	5985.8	5713.3
40°	9999.4	10101.0	9985.6	9833.1	9602.2	9260.4	8798.6	8248.9	7717.8	7292.9	6969.6
37.5°	11288.0	11412.7	11458.9	11449.7	11398.9	11251.1	10683.0	10161.1	9348.2	8396.7	8567.6
35°	14345.6	14474.9	14438.0	14299.4	14225.5	14068.5	13514.2	12895.3	11874.6	10840.0	10562.9
32.5°	18904.2	19185.9	18659.4	18082.1	17726.5	17851.2	17287.7	15772.8	15301.6	13435.7	12572.0
30°	20252.9	20248.2	19980.4	19744.8	19453.8	19393.8	18331.5	17121.4	15966.7	14659.7	13569.6
27.5°	19841.8	19758.7	19532.3	19361.5	19089.0	18945.8	17906.6	16945.9	15611.1	14442.6	13389.5
25°	18257.6	18322.3	18091.3	18059.0	17952.8	17675.6	17158.4	16077.6	14886.0	13592.7	12835.3
22.5°	17440.1	17417.0	17139.9	16978.2	17107.5	16812.0	16604.1	15514.1	14271.7	13181.7	12271.8
20°	16109.9	16114.5	16045.3	16031.4	15952.9	15818.9	15652.7	14881.4	14003.8	13070.8	11976.2
17.5°	16853.5	17042.9	17126.0	16437.8	16631.8	16479.4	16303.9	15227.8	14567.3	13740.5	12313.4
15°	17943.5	17874.2	17791.1	17754.2	17647.9	17504.8	17186.1	16327.0	15190.8	14336.3	13223.2
12.5°	17999.0	17865.0	17832.7	17828.1	17717.2	17518.6	17209.2	16497.9	15491.0	14451.8	13546.6
10°	18119.0	17980.5	17962.0	17985.1	17814.2	17689.5	17380.1	16719.6	15583.4	14650.4	13796.0
7.5°	18313.0	18082.1	18188.3	18119.0	18040.5	17841.9	17509.4	16862.8	15920.6	14913.7	14017.7
5°	18363.8	18109.8	18225.3	18160.6	18045.1	17851.2	17490.9	16955.1	16128.4	15019.9	14105.4
2.5°	18239.1	18165.2	18114.4	17994.3	17943.5	17731.1	17389.3	16816.6	16031.4	14973.7	14086.9
0°	18109.8	18174.5	18059.0	17938.9	17915.8	17744.9	17453.9	16936.7	16257.7	15103.0	14244.0
-2.5°	18137.5	18086.7	18008.2	17883.5	17763.4	17518.6	17255.3	16770.4	16040.6	14821.3	14022.3
-5°	18137.5	17902.0	17911.2	17915.8	17795.7	17541.7	17223.0	16812.0	15911.3	14816.7	13957.6
-7.5°	17786.5	17583.3	17550.9	17523.2	17490.9	17255.3	17005.9	16493.3	15694.2	14696.6	13777.5
-10°	17269.2	17070.6	17089.1	17047.5	16945.9	16788.9	16599.5	16137.6	15481.8	14317.9	13412.6
-12.5°	16622.6	16534.8	16484.0	16414.7	16313.1	16174.6	15980.6	15546.4	14844.4	13851.4	12992.3
-15°	15855.9	15791.2	15745.0	15703.5	15555.7	15412.5	15158.5	14756.6	14317.9	13251.0	12373.4
-17.5°	15089.2	14927.5	14862.9	14807.5	14710.5	14479.5	14248.6	13948.4	13334.1	12488.9	11736.0
-20°	14105.4	14008.4	13929.9	13856.0	13717.4	13537.3	13348.0	13001.6	12470.4	11786.8	11006.3



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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°	13075.5	13020.0	12955.4	12863.0	12770.6	12599.7	12336.5	12003.9	11588.2	10849.3	10119.5
-25°	12013.2	11906.9	11828.4	11740.7	11666.8	11509.7	11255.7	10937.0	10415.1	9777.7	9168.1
-27.5°	10761.5	10659.9	10618.3	10516.7	10452.0	10308.9	10054.8	9759.2	9288.1	8752.4	8133.5
-30°	9348.2	9366.7	9320.5	9223.5	9145.0	8960.2	8766.2	8516.8	8147.3	7634.7	7080.4
-32.5°	8041.1	8064.2	8008.8	7907.2	7805.5	7671.6	7491.5	7265.2	6988.0	6498.5	6018.1
-35°	6734.0	6724.8	6678.6	6618.6	6549.3	6438.4	6235.2	6064.3	5745.6	5403.8	5071.3
-37.5°	5560.9	5584.0	5570.1	5537.8	5459.3	5366.9	5200.6	5043.6	4808.0	4507.8	4249.2
-40°	4632.5	4660.2	4641.8	4609.4	4540.2	4484.7	4373.9	4235.3	4046.0	3787.3	3570.2
-42.5°	3921.2	3939.7	3916.6	3888.9	3828.9	3787.3	3699.6	3584.1	3427.1	3228.4	3034.5
-45°	3357.8	3362.4	3339.3	3320.8	3274.6	3223.8	3149.9	3057.6	2932.9	2794.3	2637.3
-47.5°	2914.4	2909.8	2886.7	2868.2	2831.2	2785.1	2725.0	2641.9	2544.9	2438.7	2314.0
-50°	2526.4	2549.5	2540.3	2521.8	2494.1	2461.8	2401.7	2314.0	2217.0	2138.4	2050.7
-52.5°	2258.5	2263.1	2258.5	2258.5	2253.9	2230.8	2161.5	2073.8	1967.6	1898.3	1824.4
-55°	2009.1	2032.2	2041.5	2050.7	2055.3	2055.3	1972.2	1879.8	1778.2	1708.9	1653.5
-57.5°	1805.9	1819.8	1829.0	1852.1	1870.6	1884.4	1810.5	1727.4	1648.9	1584.2	1533.4
-60°	1630.4	1648.9	1662.7	1685.8	1699.7	1708.9	1662.7	1607.3	1561.1	1519.5	1445.6
-62.5°	1473.4	1487.2	1501.1	1514.9	1528.8	1538.0	1519.5	1491.8	1468.7	1450.3	1357.9
-65°	1316.3	1330.2	1344.0	1362.5	1376.4	1385.6	1381.0	1362.5	1344.0	1325.6	1242.4
-67.5°	1173.1	1187.0	1205.5	1210.1	1219.3	1223.9	1214.7	1200.9	1177.8	1154.7	1090.0
-70°	1020.7	1030.0	1039.2	1039.2	1039.2	1034.6	1025.3	1006.9	983.8	951.4	900.6
-72.5°	882.2	891.4	900.6	886.8	877.5	863.7	849.8	826.7	803.6	780.6	752.8
-75°	752.8	757.5	757.5	739.0	725.1	711.3	692.8	678.9	655.9	637.4	614.3
-77.5°	600.4	600.4	600.4	586.6	577.3	568.1	554.2	540.4	521.9	508.1	489.6
-80°	466.5	466.5	466.5	461.9	448.0	438.8	429.5	420.3	406.4	397.2	388.0
-82.5°	355.6	355.6	355.6	351.0	341.8	337.2	327.9	318.7	314.1	304.8	300.2
-85°	258.6	263.3	263.3	258.6	254.0	244.8	240.2	235.6	230.9	226.3	217.1
-87.5°	175.5	175.5	175.5	170.9	166.3	166.3	161.7	152.4	143.2	138.6	133.9
-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
85°	13.9	13.9	13.9	18.5	18.5	18.5	18.5	18.5	18.5	18.5	13.9
82.5°	23.1	23.1	27.7	27.7	32.3	32.3	32.3	32.3	32.3	32.3	32.3
80°	23.1	27.7	32.3	36.9	41.6	46.2	46.2	46.2	46.2	41.6	41.6
77.5°	27.7	27.7	32.3	36.9	41.6	46.2	50.8	55.4	50.8	50.8	50.8
75°	27.7	32.3	32.3	36.9	41.6	46.2	50.8	55.4	55.4	55.4	55.4
72.5°	23.1	27.7	32.3	36.9	36.9	41.6	46.2	46.2	50.8	50.8	55.4
70°	23.1	27.7	32.3	32.3	36.9	36.9	41.6	46.2	46.2	50.8	50.8
67.5°	27.7	32.3	32.3	36.9	41.6	41.6	41.6	46.2	46.2	50.8	50.8
65°	32.3	36.9	36.9	41.6	46.2	46.2	50.8	50.8	50.8	55.4	55.4
62.5°	55.4	55.4	55.4	50.8	55.4	55.4	55.4	60.0	60.0	55.4	60.0
60°	286.4	207.8	143.2	180.1	161.7	73.9	73.9	73.9	69.3	69.3	64.7
57.5°	674.3	628.1	540.4	457.2	411.1	364.9	226.3	92.4	92.4	83.1	73.9
55°	1127.0	974.5	909.9	799.0	678.9	623.5	517.3	351.0	166.3	110.8	97.0
52.5°	1745.9	1602.7	1436.4	1210.1	1048.4	919.1	831.4	660.5	443.4	235.6	147.8
50°	2337.0	2272.4	2170.8	1949.1	1611.9	1394.8	1251.7	1057.7	794.4	485.0	277.1
47.5°	3764.2	3223.8	2895.9	2725.0	2443.3	2032.2	1755.1	1538.0	1219.3	817.5	489.6
45°	4738.8	4397.0	3875.1	3514.8	3099.1	2665.0	2304.7	2055.3	1676.6	1223.9	766.7
42.5°	5574.7	5279.1	4808.0	4281.5	3842.7	3274.6	2812.8	2484.8	2166.2	1672.0	1145.4
40°	6650.9	6299.9	5847.2	5334.6	4821.9	4096.8	3348.5	2951.3	2600.3	2161.5	1547.3
37.5°	8424.5	7805.5	7066.6	6498.5	5828.8	5214.5	4189.1	3487.1	3071.4	2614.2	2018.4
35°	10558.3	9879.3	8646.1	7893.3	6997.3	6082.8	5159.1	4119.9	3528.7	3043.7	2452.5
32.5°	12544.3	11551.3	9971.7	9089.5	8493.7	6807.9	5851.9	4951.2	3999.8	3404.0	2701.9
30°	13093.9	11999.3	10867.7	9837.8	8821.7	7459.1	6327.6	5625.5	4591.0	3621.0	2937.5
27.5°	12539.7	11786.8	10909.3	9953.2	8854.0	7685.5	6618.6	5948.8	5025.1	3768.8	3122.2
25°	11976.2	11191.0	10576.8	9777.7	8761.6	7671.6	6627.8	6152.1	5362.3	4055.2	3223.8
22.5°	11380.4	10890.8	10382.8	9491.4	8530.7	7713.2	6928.0	6327.6	5537.8	4378.5	3265.4
20°	11412.7	11094.0	10535.2	9343.6	8489.1	7958.0	7288.3	6549.3	5727.1	4660.2	3297.7
17.5°	11930.0	11514.3	10812.3	9777.7	8863.2	8207.4	7588.5	6854.1	5921.1	4909.6	3690.3
15°	12567.4	11934.6	11200.3	10290.4	9255.8	8479.9	7819.4	7066.6	6142.8	5140.6	4041.3
12.5°	13029.3	12128.6	11440.4	10618.3	9680.7	8775.5	7971.8	7228.2	6350.7	5329.9	4304.6
10°	13186.3	12368.8	11555.9	10821.5	9897.8	8932.5	8087.3	7329.8	6530.8	5477.7	4498.6
7.5°	13269.4	12576.6	11634.4	10913.9	10027.1	9029.5	8179.7	7385.3	6674.0	5579.4	4623.3
5°	13260.2	12687.5	11694.5	10941.6	10096.4	9071.1	8244.3	7399.1	6775.6	5667.1	4697.2
2.5°	13218.6	12761.4	11791.5	10987.8	10235.0	9149.6	8369.0	7426.8	6812.5	5764.1	4748.0
0°	13371.0	12766.0	11893.1	11001.7	10327.3	9177.3	8424.5	7403.7	6761.7	5791.8	4743.4
-2.5°	13043.1	12493.5	11870.0	10881.6	10202.6	9112.6	8322.8	7329.8	6650.9	5759.5	4724.9
-5°	12987.7	12294.9	11676.0	10770.7	9994.8	8978.7	8133.5	7191.3	6475.4	5653.3	4651.0
-7.5°	12839.9	12105.5	11486.6	10683.0	9800.8	8840.1	7953.3	7048.1	6286.0	5487.0	4544.8
-10°	12516.6	11814.6	11283.4	10493.6	9565.3	8641.5	7736.3	6858.7	6064.3	5260.7	4378.5
-12.5°	12054.7	11352.7	10826.2	10091.8	9269.7	8373.6	7477.6	6613.9	5810.3	5020.5	4179.9
-15°	11532.8	10821.5	10295.0	9625.3	8830.9	7958.0	7149.7	6304.5	5519.3	4766.5	3944.3
-17.5°	10941.6	10267.3	9759.2	9108.0	8318.2	7486.9	6683.2	5916.5	5182.1	4503.2	3671.8
-20°	10258.1	9602.2	9135.7	8484.5	7759.4	6951.1	6170.5	5445.4	4784.9	4147.6	3371.6

REPORT NUMBER: P722677

CATALOG NUMBER: IFLD-L-SA7C-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°	9412.8	8835.5	8304.4	7722.4	7089.7	6350.7	5625.5	4983.5	4350.8	3727.3	3062.2
-25°	8549.2	7990.3	7473.0	6941.9	6336.8	5699.4	5080.5	4498.6	3879.7	3316.2	2762.0
-27.5°	7588.5	7089.7	6627.8	6138.2	5584.0	5034.3	4526.3	3958.2	3422.4	2942.1	2466.4
-30°	6563.1	6156.7	5754.9	5320.7	4872.7	4410.8	3958.2	3422.4	3002.1	2618.8	2217.0
-32.5°	5579.4	5214.5	4891.2	4567.9	4179.9	3801.2	3399.3	3002.1	2651.1	2314.0	1976.8
-35°	4715.7	4327.7	4147.6	3888.9	3579.5	3237.7	2909.8	2632.6	2350.9	2046.1	1745.9
-37.5°	3967.4	3718.0	3505.6	3311.6	3066.8	2771.2	2535.6	2309.3	2073.8	1796.7	1538.0
-40°	3380.9	3200.7	2988.3	2845.1	2646.5	2434.0	2198.5	2009.1	1810.5	1584.2	1371.7
-42.5°	2909.8	2762.0	2623.4	2471.0	2323.2	2143.1	1939.8	1759.7	1579.6	1413.3	1237.8
-45°	2521.8	2415.6	2304.7	2180.0	2050.7	1893.7	1727.4	1542.6	1413.3	1265.5	1117.7
-47.5°	2203.1	2124.6	2032.2	1935.2	1824.4	1685.8	1533.4	1399.5	1265.5	1140.8	997.6
-50°	1949.1	1875.2	1801.3	1718.1	1621.2	1501.1	1385.6	1260.9	1136.2	1016.1	882.2
-52.5°	1736.6	1672.0	1611.9	1542.6	1450.3	1348.7	1242.4	1131.6	1016.1	896.0	789.8
-55°	1588.8	1514.9	1454.9	1385.6	1302.5	1205.5	1108.5	1006.9	896.0	803.6	715.9
-57.5°	1468.7	1385.6	1316.3	1242.4	1159.3	1076.1	988.4	896.0	812.9	725.1	642.0
-60°	1367.1	1270.1	1191.6	1117.7	1039.2	960.7	886.8	808.3	729.7	651.2	568.1
-62.5°	1260.9	1159.3	1062.3	993.0	933.0	863.7	799.0	725.1	655.9	577.3	517.3
-65°	1140.8	1043.8	951.4	891.4	836.0	775.9	715.9	651.2	591.2	531.1	475.7
-67.5°	1006.9	923.7	859.1	803.6	748.2	697.4	642.0	586.6	535.8	475.7	420.3
-70°	845.2	799.0	762.1	720.5	669.7	623.5	572.7	521.9	466.5	415.7	364.9
-72.5°	720.5	692.8	665.1	623.5	577.3	535.8	494.2	448.0	401.8	355.6	314.1
-75°	591.2	568.1	545.0	517.3	480.3	448.0	411.1	369.5	332.5	300.2	267.9
-77.5°	475.7	457.2	443.4	420.3	392.6	364.9	341.8	314.1	286.4	254.0	221.7
-80°	378.7	369.5	364.9	355.6	332.5	309.5	291.0	267.9	240.2	217.1	194.0
-82.5°	295.6	295.6	291.0	286.4	267.9	249.4	235.6	217.1	198.6	180.1	157.0
-85°	217.1	212.5	212.5	207.8	194.0	184.7	170.9	161.7	147.8	129.3	120.1
-87.5°	129.3	124.7	120.1	115.5	106.2	101.6	92.4	87.8	78.5	69.3	64.7
-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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CATALOG NUMBER: IFLD-L-SA7C-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	0.0	0.0
85°	13.9	9.2	9.2	9.2	9.2	9.2	4.6	4.6	4.6	4.6	4.6
82.5°	27.7	27.7	23.1	23.1	18.5	13.9	9.2	9.2	9.2	4.6	4.6
80°	41.6	41.6	41.6	36.9	32.3	23.1	18.5	13.9	9.2	4.6	4.6
77.5°	50.8	46.2	46.2	41.6	41.6	36.9	27.7	23.1	13.9	9.2	4.6
75°	50.8	50.8	50.8	46.2	46.2	41.6	36.9	27.7	23.1	13.9	9.2
72.5°	55.4	50.8	50.8	50.8	46.2	41.6	36.9	32.3	27.7	18.5	9.2
70°	50.8	50.8	50.8	50.8	46.2	46.2	36.9	32.3	32.3	18.5	13.9
67.5°	50.8	50.8	50.8	46.2	46.2	41.6	36.9	32.3	32.3	23.1	13.9
65°	55.4	50.8	50.8	50.8	46.2	41.6	36.9	32.3	32.3	27.7	18.5
62.5°	60.0	55.4	55.4	50.8	46.2	41.6	36.9	32.3	32.3	27.7	18.5
60°	64.7	60.0	55.4	55.4	50.8	46.2	36.9	36.9	32.3	27.7	18.5
57.5°	69.3	64.7	64.7	60.0	55.4	50.8	41.6	36.9	32.3	27.7	23.1
55°	83.1	73.9	69.3	69.3	64.7	55.4	46.2	36.9	32.3	27.7	23.1
52.5°	110.8	87.8	78.5	78.5	73.9	64.7	50.8	41.6	32.3	27.7	23.1
50°	175.5	110.8	92.4	83.1	83.1	73.9	60.0	46.2	32.3	27.7	23.1
47.5°	277.1	184.7	110.8	97.0	92.4	87.8	69.3	46.2	36.9	27.7	23.1
45°	457.2	272.5	180.1	115.5	97.0	92.4	78.5	50.8	36.9	32.3	23.1
42.5°	628.1	424.9	277.1	138.6	115.5	101.6	83.1	55.4	41.6	32.3	23.1
40°	988.4	582.0	388.0	226.3	133.9	106.2	92.4	64.7	41.6	32.3	23.1
37.5°	1339.4	771.3	521.9	332.5	152.4	120.1	97.0	69.3	46.2	32.3	27.7
35°	1690.4	1080.8	646.6	443.4	203.2	143.2	101.6	73.9	46.2	32.3	27.7
32.5°	2004.5	1371.7	775.9	554.2	304.8	170.9	110.8	78.5	50.8	36.9	27.7
30°	2263.1	1639.6	1006.9	651.2	397.2	207.8	120.1	78.5	55.4	36.9	27.7
27.5°	2457.1	1847.5	1242.4	752.8	475.7	244.8	138.6	87.8	55.4	36.9	27.7
25°	2614.2	2009.1	1450.3	859.1	545.0	304.8	166.3	92.4	60.0	41.6	27.7
22.5°	2738.9	2143.1	1621.2	1002.3	628.1	364.9	203.2	101.6	60.0	41.6	27.7
20°	2909.8	2277.0	1736.6	1154.7	715.9	420.3	235.6	110.8	60.0	41.6	32.3
17.5°	3057.6	2410.9	1829.0	1284.0	803.6	461.9	272.5	120.1	64.7	41.6	32.3
15°	3228.4	2540.3	1912.1	1385.6	886.8	498.8	304.8	129.3	64.7	46.2	32.3
12.5°	3413.2	2660.4	1972.2	1468.7	974.5	531.1	332.5	147.8	69.3	46.2	32.3
10°	3602.6	2762.0	2023.0	1528.8	1039.2	563.5	351.0	166.3	73.9	46.2	32.3
7.5°	3791.9	2854.3	2087.6	1556.5	1066.9	600.4	360.3	184.7	73.9	50.8	32.3
5°	3921.2	2914.4	2180.0	1575.0	1080.8	642.0	374.1	207.8	78.5	50.8	32.3
2.5°	4032.1	2951.3	2277.0	1588.8	1085.4	665.1	369.5	221.7	83.1	50.8	32.3
0°	4082.9	2951.3	2341.7	1579.6	1071.5	688.2	369.5	235.6	83.1	50.8	32.3
-2.5°	4004.4	3034.5	2323.2	1584.2	1076.1	688.2	388.0	240.2	92.4	55.4	32.3
-5°	3879.7	3066.8	2267.8	1561.1	1066.9	688.2	411.1	244.8	97.0	55.4	36.9
-7.5°	3759.6	3080.7	2203.1	1538.0	1053.1	669.7	415.7	240.2	106.2	60.0	36.9
-10°	3602.6	2928.2	2120.0	1496.4	1025.3	655.9	424.9	240.2	110.8	60.0	36.9
-12.5°	3422.4	2743.5	2018.4	1436.4	993.0	642.0	429.5	240.2	115.5	64.7	36.9
-15°	3214.6	2554.1	1902.9	1371.7	946.8	623.5	420.3	235.6	120.1	64.7	41.6
-17.5°	2979.0	2369.4	1782.8	1293.2	896.0	600.4	401.8	230.9	120.1	64.7	41.6
-20°	2711.2	2184.6	1648.9	1214.7	836.0	572.7	383.3	221.7	120.1	64.7	41.6



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CATALOG NUMBER: IFLD-L-SA7C-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°	2471.0	2013.7	1510.3	1127.0	771.3	540.4	360.3	212.5	120.1	69.3	41.6
-25°	2272.4	1847.5	1404.1	1039.2	702.0	503.4	337.2	203.2	120.1	69.3	41.6
-27.5°	2064.5	1667.3	1293.2	956.1	655.9	471.1	314.1	194.0	115.5	69.3	41.6
-30°	1852.1	1491.8	1177.8	863.7	609.7	438.8	295.6	180.1	115.5	69.3	41.6
-32.5°	1658.1	1348.7	1071.5	771.3	558.9	406.4	277.1	175.5	110.8	69.3	41.6
-35°	1468.7	1219.3	960.7	697.4	503.4	374.1	258.6	170.9	110.8	69.3	41.6
-37.5°	1311.7	1099.2	859.1	646.6	471.1	346.4	240.2	161.7	106.2	69.3	41.6
-40°	1182.4	988.4	762.1	591.2	443.4	318.7	221.7	157.0	106.2	69.3	41.6
-42.5°	1062.3	882.2	702.0	545.0	415.7	300.2	207.8	152.4	101.6	69.3	41.6
-45°	956.1	789.8	642.0	503.4	383.3	277.1	198.6	143.2	97.0	69.3	46.2
-47.5°	849.8	725.1	586.6	466.5	351.0	249.4	189.4	138.6	92.4	64.7	46.2
-50°	766.7	655.9	540.4	424.9	318.7	240.2	180.1	129.3	92.4	64.7	46.2
-52.5°	692.8	591.2	489.6	383.3	291.0	226.3	170.9	120.1	87.8	64.7	46.2
-55°	623.5	531.1	438.8	341.8	272.5	212.5	157.0	110.8	87.8	64.7	46.2
-57.5°	554.2	475.7	388.0	309.5	249.4	198.6	147.8	110.8	87.8	64.7	46.2
-60°	498.8	424.9	351.0	286.4	230.9	180.1	133.9	106.2	83.1	64.7	46.2
-62.5°	452.6	383.3	318.7	258.6	212.5	161.7	129.3	106.2	83.1	64.7	41.6
-65°	406.4	346.4	286.4	235.6	189.4	152.4	124.7	101.6	83.1	64.7	41.6
-67.5°	360.3	304.8	258.6	207.8	175.5	147.8	120.1	101.6	78.5	60.0	41.6
-70°	314.1	267.9	226.3	194.0	166.3	138.6	115.5	97.0	78.5	55.4	36.9
-72.5°	277.1	235.6	203.2	180.1	157.0	133.9	110.8	92.4	73.9	50.8	32.3
-75°	235.6	207.8	184.7	161.7	143.2	124.7	106.2	83.1	64.7	46.2	32.3
-77.5°	198.6	180.1	161.7	147.8	129.3	110.8	92.4	73.9	60.0	41.6	27.7
-80°	170.9	157.0	143.2	129.3	115.5	97.0	83.1	64.7	50.8	36.9	23.1
-82.5°	138.6	129.3	115.5	106.2	97.0	83.1	69.3	55.4	36.9	27.7	18.5
-85°	106.2	97.0	92.4	83.1	73.9	60.0	46.2	36.9	27.7	18.5	9.2
-87.5°	55.4	50.8	46.2	41.6	36.9	27.7	23.1	18.5	13.9	9.2	4.6
-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: P722677

CATALOG NUMBER: IFLD-L-SA7C-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°	4.6	0.0	0.0	0.0
77.5°	4.6	0.0	0.0	0.0
75°	4.6	4.6	0.0	0.0
72.5°	4.6	4.6	0.0	0.0
70°	4.6	4.6	0.0	0.0
67.5°	9.2	4.6	0.0	0.0
65°	9.2	4.6	0.0	0.0
62.5°	9.2	4.6	0.0	0.0
60°	9.2	4.6	0.0	0.0
57.5°	13.9	4.6	4.6	0.0
55°	13.9	4.6	4.6	0.0
52.5°	13.9	4.6	4.6	0.0
50°	13.9	9.2	4.6	0.0
47.5°	13.9	9.2	4.6	0.0
45°	13.9	9.2	4.6	0.0
42.5°	13.9	9.2	4.6	0.0
40°	18.5	9.2	4.6	0.0
37.5°	18.5	9.2	4.6	0.0
35°	18.5	9.2	4.6	0.0
32.5°	18.5	9.2	4.6	0.0
30°	18.5	9.2	4.6	0.0
27.5°	18.5	13.9	4.6	0.0
25°	18.5	13.9	4.6	0.0
22.5°	23.1	13.9	4.6	0.0
20°	23.1	13.9	4.6	0.0
17.5°	23.1	13.9	4.6	0.0
15°	23.1	13.9	4.6	0.0
12.5°	23.1	13.9	4.6	0.0
10°	23.1	13.9	4.6	0.0
7.5°	23.1	13.9	4.6	0.0
5°	23.1	13.9	4.6	0.0
2.5°	23.1	13.9	4.6	0.0
0°	23.1	13.9	4.6	0.0
-2.5°	23.1	13.9	4.6	0.0
-5°	23.1	13.9	4.6	0.0
-7.5°	23.1	13.9	4.6	0.0
-10°	23.1	13.9	4.6	0.0
-12.5°	27.7	13.9	4.6	0.0
-15°	27.7	13.9	4.6	0.0
-17.5°	27.7	13.9	4.6	0.0
-20°	27.7	13.9	4.6	0.0

REPORT NUMBER: P722677

CATALOG NUMBER: IFLD-L-SA7C-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	27.7	13.9	4.6	0.0
-25°	27.7	13.9	4.6	0.0
-27.5°	27.7	13.9	4.6	0.0
-30°	27.7	13.9	4.6	0.0
-32.5°	27.7	13.9	4.6	0.0
-35°	27.7	13.9	4.6	0.0
-37.5°	27.7	13.9	4.6	0.0
-40°	27.7	13.9	4.6	0.0
-42.5°	23.1	13.9	4.6	0.0
-45°	27.7	13.9	4.6	0.0
-47.5°	27.7	13.9	4.6	0.0
-50°	27.7	13.9	4.6	0.0
-52.5°	27.7	13.9	4.6	0.0
-55°	27.7	13.9	4.6	0.0
-57.5°	27.7	13.9	4.6	0.0
-60°	27.7	13.9	4.6	0.0
-62.5°	23.1	13.9	4.6	0.0
-65°	23.1	9.2	4.6	0.0
-67.5°	23.1	9.2	4.6	0.0
-70°	23.1	9.2	4.6	0.0
-72.5°	18.5	9.2	4.6	0.0
-75°	18.5	9.2	4.6	0.0
-77.5°	13.9	4.6	0.0	0.0
-80°	13.9	4.6	0.0	0.0
-82.5°	9.2	4.6	0.0	0.0
-85°	4.6	4.6	0.0	0.0
-87.5°	4.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)