

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: P722389

Luminaire Tested: **IFLD-L-SA7E-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722389
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	42518.9 lumens	Max Intensity:	29682.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	79.8 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:	27125.2 lumens	Field Lumens:	40085.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

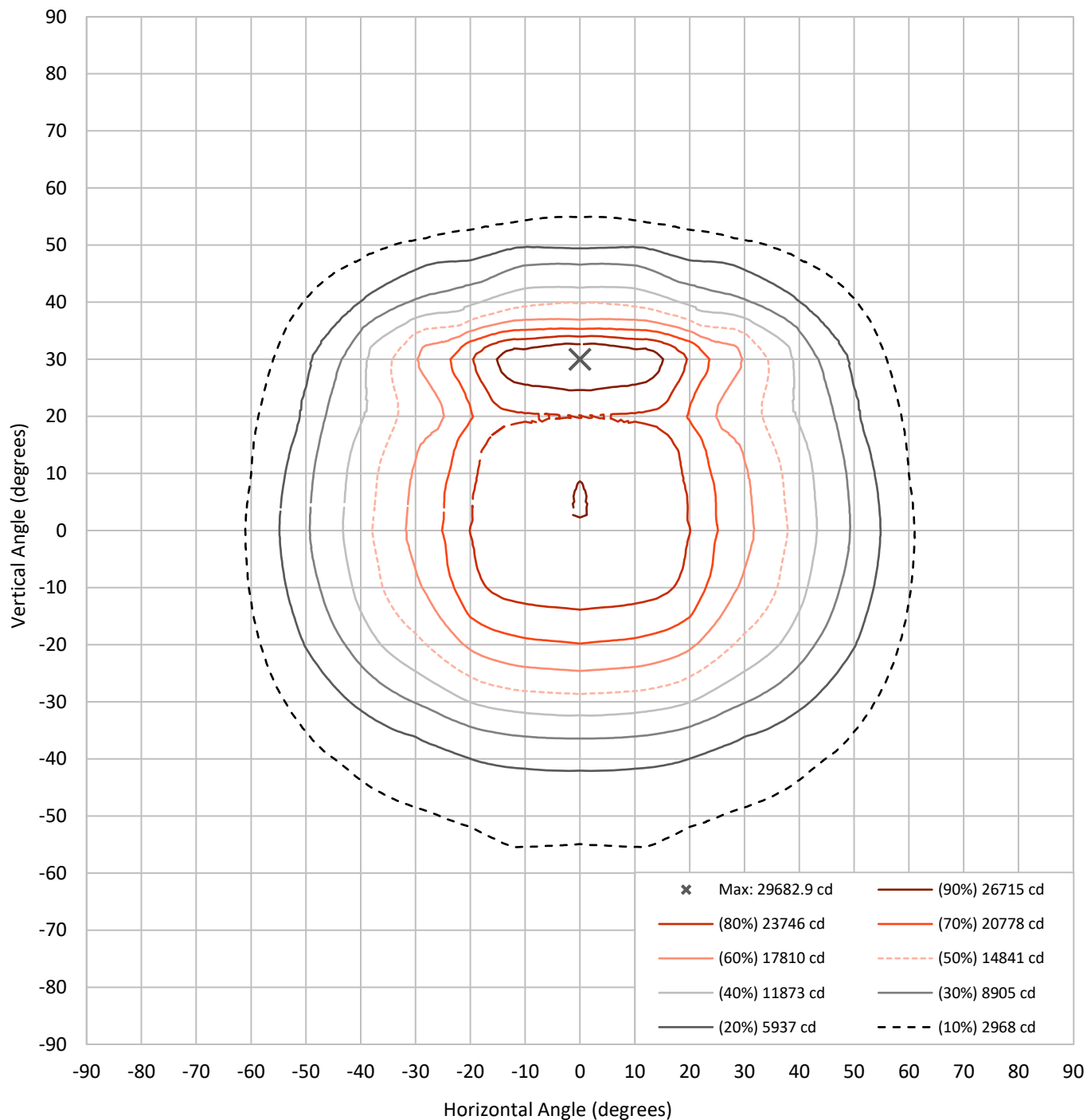
Input Watts (W): 532.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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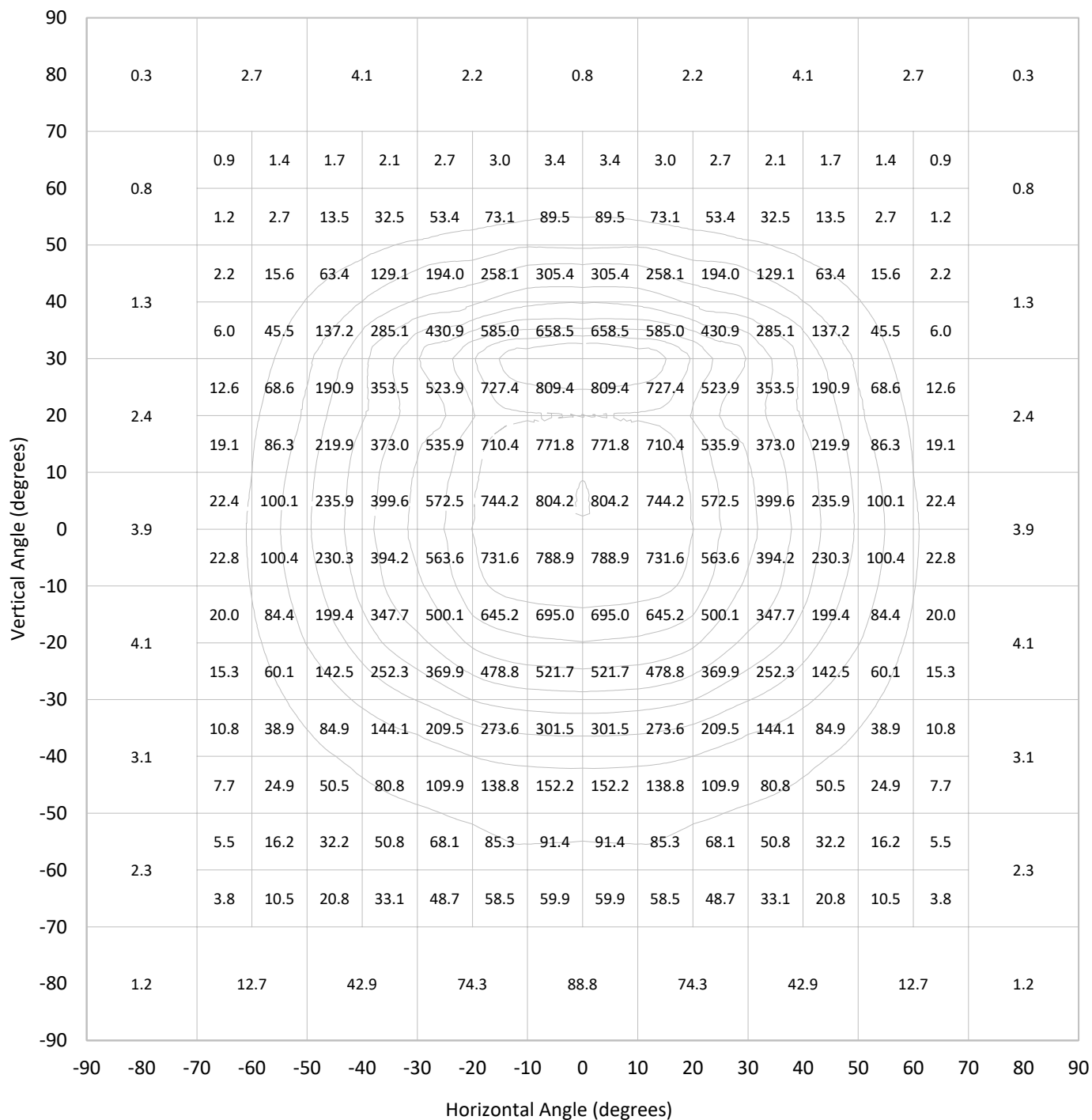
Iso-Candela Plot



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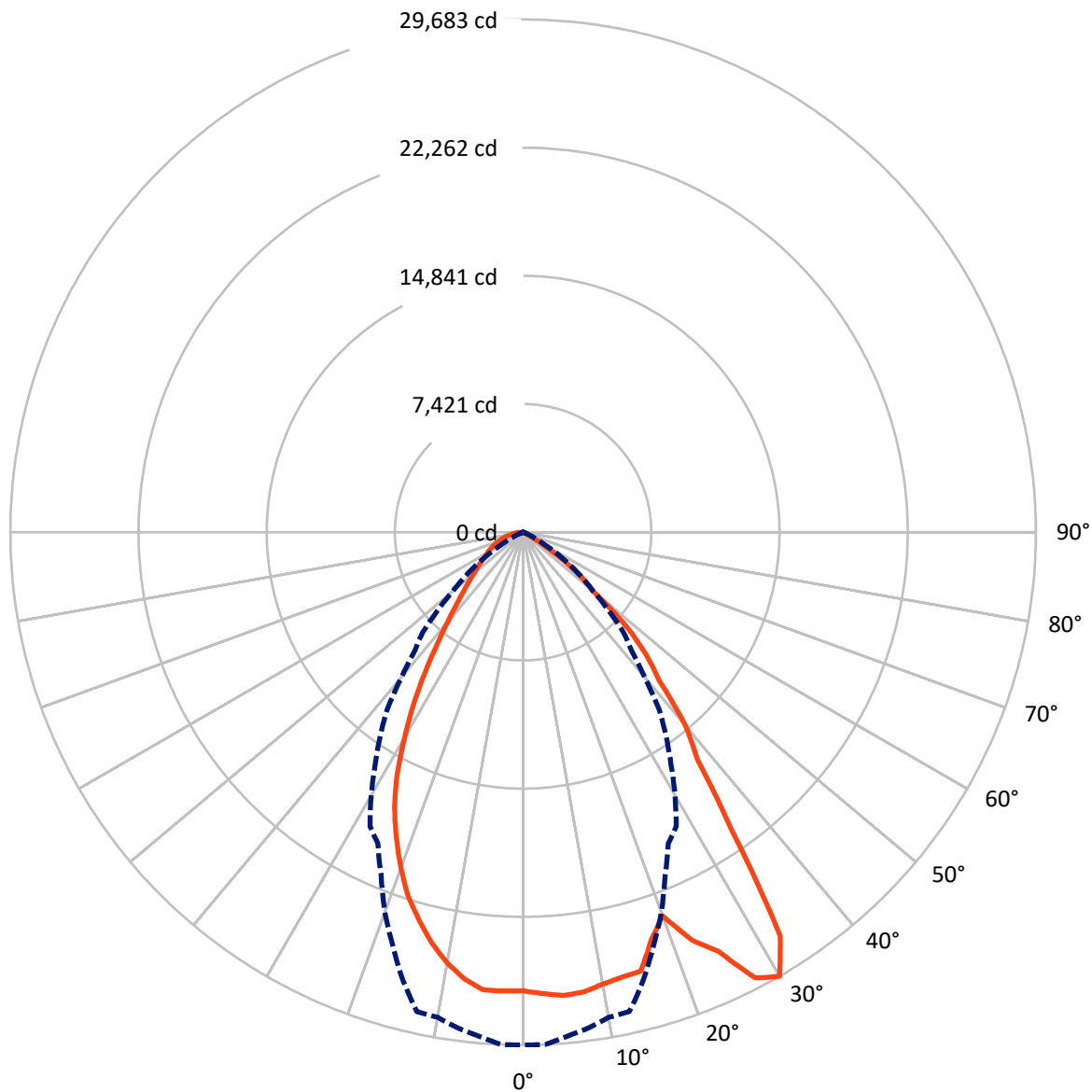
Lumen Table



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Luminous Intensity Polar Plot



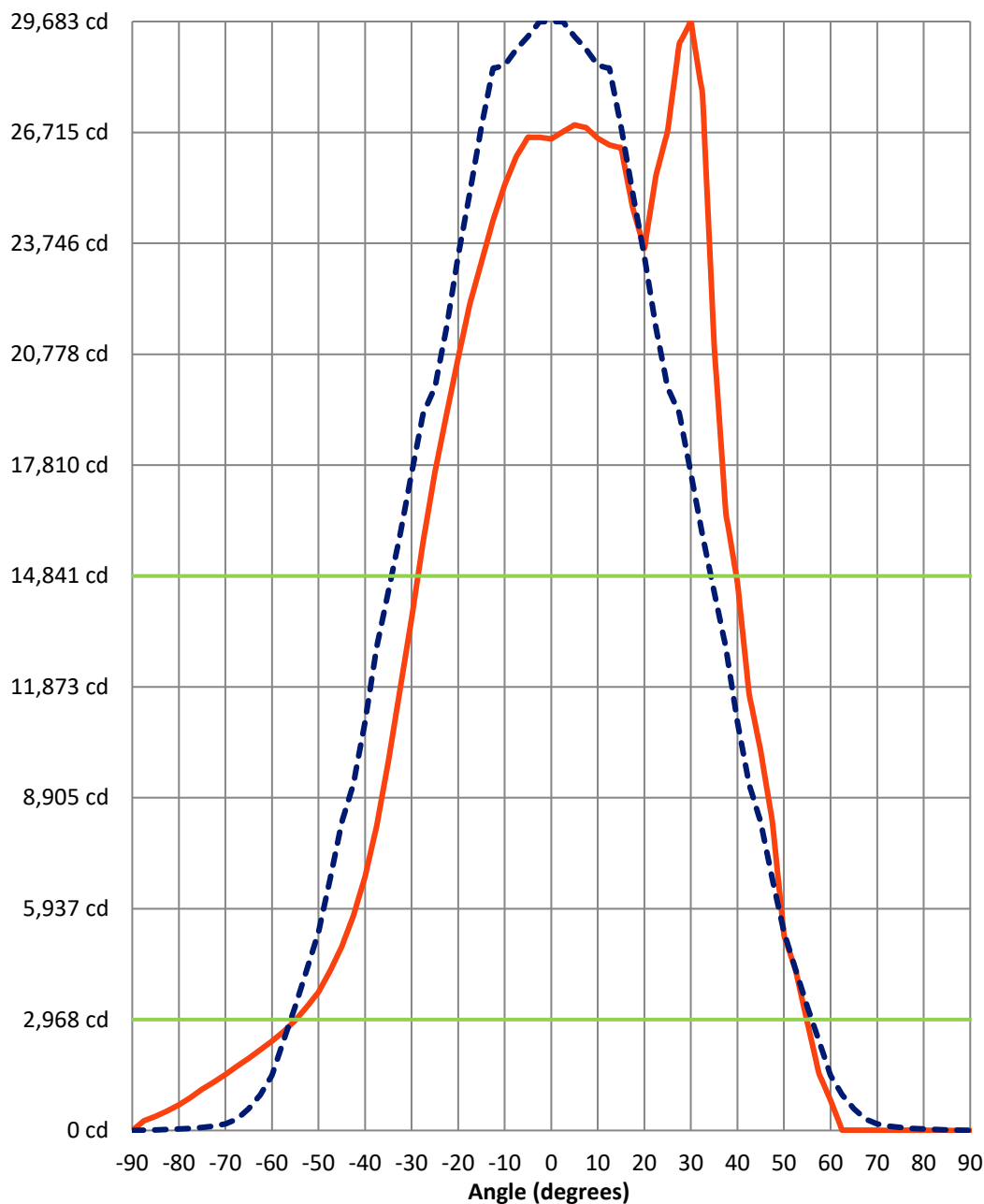
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 27125.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 40085.8

Efficiency: 94.3%

Spill:

Lumens: 2433.1

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	6.8	6.8	6.8	6.8	6.8	6.8	6.8
85°	0.0	6.8	6.8	6.8	13.5	13.5	13.5	13.5	13.5	13.5	20.3
82.5°	0.0	6.8	6.8	6.8	13.5	13.5	13.5	13.5	20.3	20.3	27.1
80°	6.8	6.8	6.8	6.8	13.5	13.5	13.5	20.3	20.3	27.1	27.1
77.5°	6.8	6.8	6.8	13.5	13.5	13.5	20.3	20.3	27.1	27.1	33.8
75°	6.8	6.8	6.8	13.5	13.5	20.3	20.3	20.3	27.1	27.1	33.8
72.5°	0.0	6.8	6.8	13.5	13.5	20.3	20.3	20.3	27.1	27.1	27.1
70°	6.8	6.8	6.8	13.5	13.5	20.3	20.3	20.3	27.1	27.1	27.1
67.5°	6.8	6.8	6.8	13.5	13.5	20.3	20.3	27.1	27.1	27.1	33.8
65°	6.8	6.8	6.8	13.5	20.3	20.3	27.1	33.8	33.8	40.6	47.4
62.5°	6.8	13.5	13.5	20.3	27.1	33.8	74.5	115.1	115.1	81.2	67.7
60°	805.5	873.2	866.5	785.2	683.7	575.4	555.1	534.8	494.2	433.2	453.5
57.5°	1529.8	1611.1	1644.9	1624.6	1570.5	1475.7	1421.5	1360.6	1279.4	1184.6	1076.3
55°	2897.2	2931.1	2856.6	2714.4	2558.8	2403.1	2348.9	2267.7	2145.8	2024.0	1861.5
52.5°	4284.9	4400.0	4366.1	4224.0	4014.1	3736.6	3432.0	3195.1	3052.9	2917.5	2755.1
50°	5232.6	5280.0	5374.7	5544.0	5604.9	5415.4	4921.2	4284.9	3831.4	4061.5	3885.5
47.5°	8258.4	8495.3	8448.0	8326.1	8123.0	7608.6	6918.1	6349.5	5875.7	5720.0	5747.1
45°	10147.0	10241.8	10208.0	10153.8	10059.0	9578.4	8813.5	7940.3	7500.3	7324.3	7141.5
42.5°	11697.2	11798.7	11819.0	11825.8	11724.3	11284.3	10593.8	9720.6	9280.6	8772.9	8373.5
40°	14655.3	14804.2	14635.0	14411.6	14073.2	13572.2	12895.3	12089.8	11311.3	10688.6	10214.7
37.5°	16543.9	16726.7	16794.4	16780.9	16706.4	16489.8	15657.2	14892.2	13700.9	12306.4	12556.9
35°	21025.1	21214.7	21160.5	20957.4	20849.1	20619.0	19806.7	18899.6	17403.6	15887.3	15481.2
32.5°	27706.3	28119.3	27347.6	26501.4	25980.2	26163.0	25337.1	23116.8	22426.4	19691.6	18425.8
30°	29682.9	29676.2	29283.6	28938.3	28511.9	28423.9	26867.0	25093.4	23401.1	21485.4	19887.9
27.5°	29080.5	28958.6	28627.0	28376.5	27977.1	27767.3	26244.2	24836.2	22879.9	21167.3	19623.9
25°	26758.7	26853.4	26515.0	26467.6	26311.9	25905.7	25147.6	23563.6	21817.1	19921.8	18811.6
22.5°	25560.5	25526.7	25120.5	24883.6	25073.1	24639.9	24335.3	22737.7	20916.8	19319.3	17985.8
20°	23611.0	23617.7	23516.2	23495.9	23380.8	23184.5	22940.8	21810.4	20524.2	19156.8	17552.5
17.5°	24700.8	24978.4	25100.2	24091.6	24375.9	24152.5	23895.3	22318.1	21350.1	20138.4	18046.7
15°	26298.3	26196.8	26075.0	26020.8	25865.1	25655.3	25188.2	23929.1	22263.9	21011.6	19380.2
12.5°	26379.6	26183.3	26135.9	26129.1	25966.7	25675.6	25222.0	24179.6	22703.9	21180.8	19854.1
10°	26555.6	26352.5	26325.4	26359.3	26108.8	25926.0	25472.5	24504.5	22839.3	21471.9	20219.6
7.5°	26839.9	26501.4	26657.1	26555.6	26440.5	26149.4	25662.0	24714.4	23333.4	21857.8	20544.5
5°	26914.3	26542.0	26711.3	26616.5	26447.3	26163.0	25635.0	24849.7	23638.1	22013.4	20673.1
2.5°	26731.6	26623.3	26548.8	26372.8	26298.3	25987.0	25486.0	24646.7	23495.9	21945.8	20646.1
0°	26542.0	26636.8	26467.6	26291.6	26257.7	26007.3	25580.8	24822.7	23827.6	22135.3	20876.2
-2.5°	26582.7	26508.2	26393.1	26210.3	26034.3	25675.6	25289.7	24579.0	23509.4	21722.4	20551.3
-5°	26582.7	26237.4	26251.0	26257.7	26081.7	25709.4	25242.4	24639.9	23319.9	21715.6	20456.5
-7.5°	26068.2	25770.3	25723.0	25682.4	25635.0	25289.7	24924.2	24172.8	23001.7	21539.6	20192.5
-10°	25310.0	25019.0	25046.0	24985.1	24836.2	24606.0	24328.5	23651.6	22690.4	20984.5	19657.8
-12.5°	24362.4	24233.7	24159.3	24057.7	23908.8	23705.7	23421.4	22785.1	21756.2	20300.8	19041.8
-15°	23238.7	23143.9	23076.2	23015.3	22798.7	22588.8	22216.5	21627.6	20984.5	19420.8	18134.7
-17.5°	22115.0	21878.1	21783.3	21702.1	21559.9	21221.4	20883.0	20443.0	19542.7	18303.9	17200.5
-20°	20673.1	20531.0	20415.9	20307.6	20104.5	19840.5	19563.0	19055.3	18276.8	17275.0	16131.0



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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°	19163.6	19082.4	18987.6	18852.2	18716.8	18466.4	18080.5	17593.2	16983.9	15900.9	14831.3
-25°	17606.7	17451.0	17335.9	17207.3	17099.0	16868.9	16496.5	16029.5	15264.5	14330.4	13436.9
-27.5°	15772.2	15623.3	15562.4	15413.5	15318.7	15108.9	14736.6	14303.3	13612.9	12827.6	11920.6
-30°	13700.9	13727.9	13660.2	13518.1	13403.0	13132.3	12847.9	12482.4	11940.9	11189.5	10377.2
-32.5°	11785.2	11819.0	11737.8	11588.9	11440.0	11243.6	10979.6	10648.0	10241.8	9524.3	8820.3
-35°	9869.5	9856.0	9788.3	9700.3	9598.7	9436.3	9138.4	8888.0	8420.9	7920.0	7432.6
-37.5°	8150.1	8184.0	8163.7	8116.3	8001.2	7865.8	7622.1	7392.0	7046.7	6606.7	6227.7
-40°	6789.5	6830.1	6803.0	6755.7	6654.1	6572.9	6410.4	6207.4	5929.8	5550.7	5232.6
-42.5°	5747.1	5774.1	5740.3	5699.7	5611.7	5550.7	5422.1	5252.9	5022.7	4731.7	4447.4
-45°	4921.2	4928.0	4894.1	4867.1	4799.4	4724.9	4616.6	4481.2	4298.4	4095.4	3865.2
-47.5°	4271.4	4264.6	4230.8	4203.7	4149.5	4081.8	3993.8	3872.0	3729.8	3574.1	3391.4
-50°	3702.8	3736.6	3723.1	3696.0	3655.4	3608.0	3520.0	3391.4	3249.2	3134.1	3005.5
-52.5°	3310.1	3316.9	3310.1	3310.1	3303.4	3269.5	3168.0	3039.4	2883.7	2782.1	2673.8
-55°	2944.6	2978.4	2992.0	3005.5	3012.3	3012.3	2890.4	2755.1	2606.1	2504.6	2423.4
-57.5°	2646.8	2667.1	2680.6	2714.4	2741.5	2761.8	2653.5	2531.7	2416.6	2321.8	2247.4
-60°	2389.5	2416.6	2436.9	2470.8	2491.1	2504.6	2436.9	2355.7	2288.0	2227.1	2118.8
-62.5°	2159.4	2179.7	2200.0	2220.3	2240.6	2254.1	2227.1	2186.5	2152.6	2125.5	1990.1
-65°	1929.2	1949.5	1969.8	1996.9	2017.2	2030.8	2024.0	1996.9	1969.8	1942.8	1820.9
-67.5°	1719.4	1739.7	1766.8	1773.5	1787.1	1793.8	1780.3	1760.0	1726.1	1692.3	1597.5
-70°	1496.0	1509.5	1523.1	1523.1	1523.1	1516.3	1502.8	1475.7	1441.8	1394.5	1320.0
-72.5°	1292.9	1306.5	1320.0	1299.7	1286.1	1265.8	1245.5	1211.7	1177.8	1144.0	1103.4
-75°	1103.4	1110.1	1110.1	1083.1	1062.8	1042.5	1015.4	995.1	961.2	934.1	900.3
-77.5°	880.0	880.0	880.0	859.7	846.2	832.6	812.3	792.0	764.9	744.6	717.5
-80°	683.7	683.7	683.7	676.9	656.6	643.1	629.5	616.0	595.7	582.2	568.6
-82.5°	521.2	521.2	521.2	514.5	500.9	494.2	480.6	467.1	460.3	446.8	440.0
-85°	379.1	385.8	385.8	379.1	372.3	358.8	352.0	345.2	338.5	331.7	318.2
-87.5°	257.2	257.2	257.2	250.5	243.7	243.7	236.9	223.4	209.8	203.1	196.3
-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°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
85°	20.3	20.3	20.3	27.1	27.1	27.1	27.1	27.1	27.1	27.1	20.3
82.5°	33.8	33.8	40.6	40.6	47.4	47.4	47.4	47.4	47.4	47.4	47.4
80°	33.8	40.6	47.4	54.2	60.9	67.7	67.7	67.7	67.7	60.9	60.9
77.5°	40.6	40.6	47.4	54.2	60.9	67.7	74.5	81.2	74.5	74.5	74.5
75°	40.6	47.4	47.4	54.2	60.9	67.7	74.5	81.2	81.2	81.2	81.2
72.5°	33.8	40.6	47.4	54.2	54.2	60.9	67.7	67.7	74.5	74.5	81.2
70°	33.8	40.6	47.4	47.4	54.2	54.2	60.9	67.7	67.7	74.5	74.5
67.5°	40.6	47.4	47.4	54.2	60.9	60.9	60.9	67.7	67.7	74.5	74.5
65°	47.4	54.2	54.2	60.9	67.7	67.7	74.5	74.5	74.5	81.2	81.2
62.5°	81.2	81.2	81.2	74.5	81.2	81.2	81.2	88.0	88.0	81.2	88.0
60°	419.7	304.6	209.8	264.0	236.9	108.3	108.3	108.3	101.5	101.5	94.8
57.5°	988.3	920.6	792.0	670.2	602.5	534.8	331.7	135.4	135.4	121.8	108.3
55°	1651.7	1428.3	1333.5	1171.1	995.1	913.8	758.2	514.5	243.7	162.5	142.2
52.5°	2558.8	2348.9	2105.2	1773.5	1536.6	1347.1	1218.5	968.0	649.8	345.2	216.6
50°	3425.2	3330.4	3181.5	2856.6	2362.5	2044.3	1834.5	1550.1	1164.3	710.8	406.2
47.5°	5516.9	4724.9	4244.3	3993.8	3580.9	2978.4	2572.3	2254.1	1787.1	1198.1	717.5
45°	6945.2	6444.3	5679.4	5151.4	4542.1	3905.8	3377.8	3012.3	2457.2	1793.8	1123.7
42.5°	8170.4	7737.2	7046.7	6275.0	5632.0	4799.4	4122.4	3641.8	3174.8	2450.5	1678.8
40°	9747.7	9233.2	8569.8	7818.4	7067.0	6004.3	4907.7	4325.5	3811.1	3168.0	2267.7
37.5°	12347.0	11440.0	10356.9	9524.3	8542.7	7642.4	6139.7	5110.7	4501.5	3831.4	2958.1
35°	15474.4	14479.3	12671.9	11568.6	10255.3	8915.0	7561.2	6038.1	5171.7	4460.9	3594.4
32.5°	18385.2	16929.8	14614.7	13321.8	12448.6	9977.8	8576.6	7256.6	5862.1	4988.9	3960.0
30°	19190.7	17586.4	15927.9	14418.4	12929.2	10932.3	9273.8	8244.9	6728.6	5307.1	4305.2
27.5°	18378.4	17275.0	15988.9	14587.6	12976.6	11264.0	9700.3	8718.7	7364.9	5523.7	4576.0
25°	17552.5	16401.8	15501.5	14330.4	12841.2	11243.6	9713.8	9016.6	7859.0	5943.4	4724.9
22.5°	16679.3	15961.8	15217.2	13910.7	12502.7	11304.6	10153.8	9273.8	8116.3	6417.2	4785.8
20°	16726.7	16259.6	15440.5	13694.1	12441.8	11663.3	10681.8	9598.7	8393.8	6830.1	4833.2
17.5°	17484.8	16875.6	15846.7	14330.4	12990.1	12028.9	11121.8	10045.5	8678.1	7195.7	5408.6
15°	18419.0	17491.6	16415.3	15081.8	13565.5	12428.3	11460.3	10356.9	9003.0	7534.1	5923.1
12.5°	19095.9	17775.9	16767.3	15562.4	14188.2	12861.5	11683.6	10593.8	9307.7	7811.7	6308.9
10°	19326.1	18127.9	16936.5	15860.2	14506.4	13091.6	11852.9	10742.7	9571.7	8028.3	6593.2
7.5°	19447.9	18432.5	17051.6	15995.6	14695.9	13233.8	11988.3	10824.0	9781.5	8177.2	6776.0
5°	19434.4	18595.0	17139.6	16036.2	14797.5	13294.7	12083.0	10844.3	9930.4	8305.8	6884.3
2.5°	19373.5	18703.3	17281.8	16103.9	15000.6	13409.8	12265.8	10884.9	9984.6	8448.0	6958.7
0°	19596.8	18710.1	17430.7	16124.2	15135.9	13450.4	12347.0	10851.0	9910.1	8488.6	6952.0
-2.5°	19116.2	18310.7	17396.8	15948.2	14953.2	13355.6	12198.1	10742.7	9747.7	8441.2	6924.9
-5°	19035.0	18019.6	17112.5	15785.8	14648.6	13159.3	11920.6	10539.6	9490.4	8285.5	6816.6
-7.5°	18818.4	17742.1	16835.0	15657.2	14364.2	12956.3	11656.6	10329.8	9212.9	8041.8	6660.9
-10°	18344.5	17315.6	16537.2	15379.6	14019.0	12665.2	11338.4	10052.3	8888.0	7710.1	6417.2
-12.5°	17667.6	16638.7	15867.0	14790.7	13585.8	12272.6	10959.3	9693.5	8515.7	7358.1	6126.1
-15°	16902.7	15860.2	15088.6	14107.0	12942.7	11663.3	10478.7	9240.0	8089.2	6985.8	5780.9
-17.5°	16036.2	15047.9	14303.3	13348.9	12191.3	10972.9	9795.0	8671.3	7595.0	6600.0	5381.5
-20°	15034.4	14073.2	13389.5	12435.0	11372.3	10187.6	9043.7	7980.9	7012.9	6078.7	4941.5

REPORT NUMBER: P722389

CATALOG NUMBER: IFLD-L-SA7E-722-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°	13795.6	12949.5	12171.0	11318.1	10390.7	9307.7	8244.9	7304.0	6376.6	5462.7	4488.0
-25°	12529.8	11710.7	10952.6	10174.1	9287.3	8353.2	7446.1	6593.2	5686.1	4860.3	4048.0
-27.5°	11121.8	10390.7	9713.8	8996.3	8184.0	7378.4	6633.8	5801.2	5016.0	4312.0	3614.8
-30°	9619.0	9023.3	8434.4	7798.1	7141.5	6464.6	5801.2	5016.0	4400.0	3838.1	3249.2
-32.5°	8177.2	7642.4	7168.6	6694.7	6126.1	5571.1	4982.1	4400.0	3885.5	3391.4	2897.2
-35°	6911.4	6342.7	6078.7	5699.7	5246.1	4745.2	4264.6	3858.4	3445.5	2998.8	2558.8
-37.5°	5814.7	5449.2	5137.8	4853.5	4494.7	4061.5	3716.3	3384.6	3039.4	2633.2	2254.1
-40°	4955.1	4691.1	4379.7	4169.8	3878.8	3567.4	3222.1	2944.6	2653.5	2321.8	2010.5
-42.5°	4264.6	4048.0	3844.9	3621.5	3404.9	3140.9	2843.1	2579.1	2315.1	2071.4	1814.1
-45°	3696.0	3540.3	3377.8	3195.1	3005.5	2775.4	2531.7	2260.9	2071.4	1854.8	1638.1
-47.5°	3228.9	3113.8	2978.4	2836.3	2673.8	2470.8	2247.4	2051.1	1854.8	1672.0	1462.1
-50°	2856.6	2748.3	2640.0	2518.1	2376.0	2200.0	2030.8	1848.0	1665.2	1489.2	1292.9
-52.5°	2545.2	2450.5	2362.5	2260.9	2125.5	1976.6	1820.9	1658.5	1489.2	1313.2	1157.5
-55°	2328.6	2220.3	2132.3	2030.8	1908.9	1766.8	1624.6	1475.7	1313.2	1177.8	1049.2
-57.5°	2152.6	2030.8	1929.2	1820.9	1699.1	1577.2	1448.6	1313.2	1191.4	1062.8	940.9
-60°	2003.7	1861.5	1746.5	1638.1	1523.1	1408.0	1299.7	1184.6	1069.5	954.5	832.6
-62.5°	1848.0	1699.1	1556.9	1455.4	1367.4	1265.8	1171.1	1062.8	961.2	846.2	758.2
-65°	1672.0	1529.8	1394.5	1306.5	1225.2	1137.2	1049.2	954.5	866.5	778.5	697.2
-67.5°	1475.7	1353.8	1259.1	1177.8	1096.6	1022.1	940.9	859.7	785.2	697.2	616.0
-70°	1238.8	1171.1	1116.9	1056.0	981.5	913.8	839.4	764.9	683.7	609.2	534.8
-72.5°	1056.0	1015.4	974.8	913.8	846.2	785.2	724.3	656.6	588.9	521.2	460.3
-75°	866.5	832.6	798.8	758.2	704.0	656.6	602.5	541.5	487.4	440.0	392.6
-77.5°	697.2	670.2	649.8	616.0	575.4	534.8	500.9	460.3	419.7	372.3	324.9
-80°	555.1	541.5	534.8	521.2	487.4	453.5	426.5	392.6	352.0	318.2	284.3
-82.5°	433.2	433.2	426.5	419.7	392.6	365.5	345.2	318.2	291.1	264.0	230.2
-85°	318.2	311.4	311.4	304.6	284.3	270.8	250.5	236.9	216.6	189.5	176.0
-87.5°	189.5	182.8	176.0	169.2	155.7	148.9	135.4	128.6	115.1	101.5	94.8
-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: P722389

CATALOG NUMBER: IFLD-L-SA7E-722-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°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	0.0	0.0
85°	20.3	13.5	13.5	13.5	13.5	13.5	6.8	6.8	6.8	6.8	6.8
82.5°	40.6	40.6	33.8	33.8	27.1	20.3	13.5	13.5	13.5	6.8	6.8
80°	60.9	60.9	60.9	54.2	47.4	33.8	27.1	20.3	13.5	6.8	6.8
77.5°	74.5	67.7	67.7	60.9	60.9	54.2	40.6	33.8	20.3	13.5	6.8
75°	74.5	74.5	74.5	67.7	67.7	60.9	54.2	40.6	33.8	20.3	13.5
72.5°	81.2	74.5	74.5	74.5	67.7	60.9	54.2	47.4	40.6	27.1	13.5
70°	74.5	74.5	74.5	74.5	67.7	67.7	54.2	47.4	47.4	27.1	20.3
67.5°	74.5	74.5	74.5	67.7	67.7	60.9	54.2	47.4	47.4	33.8	20.3
65°	81.2	74.5	74.5	74.5	67.7	60.9	54.2	47.4	47.4	40.6	27.1
62.5°	88.0	81.2	81.2	74.5	67.7	60.9	54.2	47.4	47.4	40.6	27.1
60°	94.8	88.0	81.2	81.2	74.5	67.7	54.2	54.2	47.4	40.6	27.1
57.5°	101.5	94.8	94.8	88.0	81.2	74.5	60.9	54.2	47.4	40.6	33.8
55°	121.8	108.3	101.5	101.5	94.8	81.2	67.7	54.2	47.4	40.6	33.8
52.5°	162.5	128.6	115.1	115.1	108.3	94.8	74.5	60.9	47.4	40.6	33.8
50°	257.2	162.5	135.4	121.8	121.8	108.3	88.0	67.7	47.4	40.6	33.8
47.5°	406.2	270.8	162.5	142.2	135.4	128.6	101.5	67.7	54.2	40.6	33.8
45°	670.2	399.4	264.0	169.2	142.2	135.4	115.1	74.5	54.2	47.4	33.8
42.5°	920.6	622.8	406.2	203.1	169.2	148.9	121.8	81.2	60.9	47.4	33.8
40°	1448.6	852.9	568.6	331.7	196.3	155.7	135.4	94.8	60.9	47.4	33.8
37.5°	1963.1	1130.5	764.9	487.4	223.4	176.0	142.2	101.5	67.7	47.4	40.6
35°	2477.5	1584.0	947.7	649.8	297.8	209.8	148.9	108.3	67.7	47.4	40.6
32.5°	2937.8	2010.5	1137.2	812.3	446.8	250.5	162.5	115.1	74.5	54.2	40.6
30°	3316.9	2403.1	1475.7	954.5	582.2	304.6	176.0	115.1	81.2	54.2	40.6
27.5°	3601.2	2707.7	1820.9	1103.4	697.2	358.8	203.1	128.6	81.2	54.2	40.6
25°	3831.4	2944.6	2125.5	1259.1	798.8	446.8	243.7	135.4	88.0	60.9	40.6
22.5°	4014.1	3140.9	2376.0	1468.9	920.6	534.8	297.8	148.9	88.0	60.9	40.6
20°	4264.6	3337.2	2545.2	1692.3	1049.2	616.0	345.2	162.5	88.0	60.9	47.4
17.5°	4481.2	3533.5	2680.6	1881.8	1177.8	676.9	399.4	176.0	94.8	60.9	47.4
15°	4731.7	3723.1	2802.4	2030.8	1299.7	731.1	446.8	189.5	94.8	67.7	47.4
12.5°	5002.4	3899.1	2890.4	2152.6	1428.3	778.5	487.4	216.6	101.5	67.7	47.4
10°	5280.0	4048.0	2964.9	2240.6	1523.1	825.8	514.5	243.7	108.3	67.7	47.4
7.5°	5557.5	4183.4	3059.7	2281.2	1563.7	880.0	528.0	270.8	108.3	74.5	47.4
5°	5747.1	4271.4	3195.1	2308.3	1584.0	940.9	548.3	304.6	115.1	74.5	47.4
2.5°	5909.5	4325.5	3337.2	2328.6	1590.8	974.8	541.5	324.9	121.8	74.5	47.4
0°	5984.0	4325.5	3432.0	2315.1	1570.5	1008.6	541.5	345.2	121.8	74.5	47.4
-2.5°	5868.9	4447.4	3404.9	2321.8	1577.2	1008.6	568.6	352.0	135.4	81.2	47.4
-5°	5686.1	4494.7	3323.7	2288.0	1563.7	1008.6	602.5	358.8	142.2	81.2	54.2
-7.5°	5510.1	4515.1	3228.9	2254.1	1543.4	981.5	609.2	352.0	155.7	88.0	54.2
-10°	5280.0	4291.7	3107.1	2193.2	1502.8	961.2	622.8	352.0	162.5	88.0	54.2
-12.5°	5016.0	4020.9	2958.1	2105.2	1455.4	940.9	629.5	352.0	169.2	94.8	54.2
-15°	4711.4	3743.4	2788.9	2010.5	1387.7	913.8	616.0	345.2	176.0	94.8	60.9
-17.5°	4366.1	3472.6	2612.9	1895.4	1313.2	880.0	588.9	338.5	176.0	94.8	60.9
-20°	3973.5	3201.8	2416.6	1780.3	1225.2	839.4	561.8	324.9	176.0	94.8	60.9

REPORT NUMBER: P722389

CATALOG NUMBER: IFLD-L-SA7E-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3621.5	2951.4	2213.5	1651.7	1130.5	792.0	528.0	311.4	176.0	101.5	60.9
-25°	3330.4	2707.7	2057.8	1523.1	1028.9	737.8	494.2	297.8	176.0	101.5	60.9
-27.5°	3025.8	2443.7	1895.4	1401.2	961.2	690.5	460.3	284.3	169.2	101.5	60.9
-30°	2714.4	2186.5	1726.1	1265.8	893.5	643.1	433.2	264.0	169.2	101.5	60.9
-32.5°	2430.1	1976.6	1570.5	1130.5	819.1	595.7	406.2	257.2	162.5	101.5	60.9
-35°	2152.6	1787.1	1408.0	1022.1	737.8	548.3	379.1	250.5	162.5	101.5	60.9
-37.5°	1922.5	1611.1	1259.1	947.7	690.5	507.7	352.0	236.9	155.7	101.5	60.9
-40°	1732.9	1448.6	1116.9	866.5	649.8	467.1	324.9	230.2	155.7	101.5	60.9
-42.5°	1556.9	1292.9	1028.9	798.8	609.2	440.0	304.6	223.4	148.9	101.5	60.9
-45°	1401.2	1157.5	940.9	737.8	561.8	406.2	291.1	209.8	142.2	101.5	67.7
-47.5°	1245.5	1062.8	859.7	683.7	514.5	365.5	277.5	203.1	135.4	94.8	67.7
-50°	1123.7	961.2	792.0	622.8	467.1	352.0	264.0	189.5	135.4	94.8	67.7
-52.5°	1015.4	866.5	717.5	561.8	426.5	331.7	250.5	176.0	128.6	94.8	67.7
-55°	913.8	778.5	643.1	500.9	399.4	311.4	230.2	162.5	128.6	94.8	67.7
-57.5°	812.3	697.2	568.6	453.5	365.5	291.1	216.6	162.5	128.6	94.8	67.7
-60°	731.1	622.8	514.5	419.7	338.5	264.0	196.3	155.7	121.8	94.8	67.7
-62.5°	663.4	561.8	467.1	379.1	311.4	236.9	189.5	155.7	121.8	94.8	60.9
-65°	595.7	507.7	419.7	345.2	277.5	223.4	182.8	148.9	121.8	94.8	60.9
-67.5°	528.0	446.8	379.1	304.6	257.2	216.6	176.0	148.9	115.1	88.0	60.9
-70°	460.3	392.6	331.7	284.3	243.7	203.1	169.2	142.2	115.1	81.2	54.2
-72.5°	406.2	345.2	297.8	264.0	230.2	196.3	162.5	135.4	108.3	74.5	47.4
-75°	345.2	304.6	270.8	236.9	209.8	182.8	155.7	121.8	94.8	67.7	47.4
-77.5°	291.1	264.0	236.9	216.6	189.5	162.5	135.4	108.3	88.0	60.9	40.6
-80°	250.5	230.2	209.8	189.5	169.2	142.2	121.8	94.8	74.5	54.2	33.8
-82.5°	203.1	189.5	169.2	155.7	142.2	121.8	101.5	81.2	54.2	40.6	27.1
-85°	155.7	142.2	135.4	121.8	108.3	88.0	67.7	54.2	40.6	27.1	13.5
-87.5°	81.2	74.5	67.7	60.9	54.2	40.6	33.8	27.1	20.3	13.5	6.8
-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: P722389

CATALOG NUMBER: IFLD-L-SA7E-722-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°	6.8	0.0	0.0	0.0
77.5°	6.8	0.0	0.0	0.0
75°	6.8	6.8	0.0	0.0
72.5°	6.8	6.8	0.0	0.0
70°	6.8	6.8	0.0	0.0
67.5°	13.5	6.8	0.0	0.0
65°	13.5	6.8	0.0	0.0
62.5°	13.5	6.8	0.0	0.0
60°	13.5	6.8	0.0	0.0
57.5°	20.3	6.8	6.8	0.0
55°	20.3	6.8	6.8	0.0
52.5°	20.3	6.8	6.8	0.0
50°	20.3	13.5	6.8	0.0
47.5°	20.3	13.5	6.8	0.0
45°	20.3	13.5	6.8	0.0
42.5°	20.3	13.5	6.8	0.0
40°	27.1	13.5	6.8	0.0
37.5°	27.1	13.5	6.8	0.0
35°	27.1	13.5	6.8	0.0
32.5°	27.1	13.5	6.8	0.0
30°	27.1	13.5	6.8	0.0
27.5°	27.1	20.3	6.8	0.0
25°	27.1	20.3	6.8	0.0
22.5°	33.8	20.3	6.8	0.0
20°	33.8	20.3	6.8	0.0
17.5°	33.8	20.3	6.8	0.0
15°	33.8	20.3	6.8	0.0
12.5°	33.8	20.3	6.8	0.0
10°	33.8	20.3	6.8	0.0
7.5°	33.8	20.3	6.8	0.0
5°	33.8	20.3	6.8	0.0
2.5°	33.8	20.3	6.8	0.0
0°	33.8	20.3	6.8	0.0
-2.5°	33.8	20.3	6.8	0.0
-5°	33.8	20.3	6.8	0.0
-7.5°	33.8	20.3	6.8	0.0
-10°	33.8	20.3	6.8	0.0
-12.5°	40.6	20.3	6.8	0.0
-15°	40.6	20.3	6.8	0.0
-17.5°	40.6	20.3	6.8	0.0
-20°	40.6	20.3	6.8	0.0

REPORT NUMBER: P722389

CATALOG NUMBER: IFLD-L-SA7E-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	40.6	20.3	6.8	0.0
-25°	40.6	20.3	6.8	0.0
-27.5°	40.6	20.3	6.8	0.0
-30°	40.6	20.3	6.8	0.0
-32.5°	40.6	20.3	6.8	0.0
-35°	40.6	20.3	6.8	0.0
-37.5°	40.6	20.3	6.8	0.0
-40°	40.6	20.3	6.8	0.0
-42.5°	33.8	20.3	6.8	0.0
-45°	40.6	20.3	6.8	0.0
-47.5°	40.6	20.3	6.8	0.0
-50°	40.6	20.3	6.8	0.0
-52.5°	40.6	20.3	6.8	0.0
-55°	40.6	20.3	6.8	0.0
-57.5°	40.6	20.3	6.8	0.0
-60°	40.6	20.3	6.8	0.0
-62.5°	33.8	20.3	6.8	0.0
-65°	33.8	13.5	6.8	0.0
-67.5°	33.8	13.5	6.8	0.0
-70°	33.8	13.5	6.8	0.0
-72.5°	27.1	13.5	6.8	0.0
-75°	27.1	13.5	6.8	0.0
-77.5°	20.3	6.8	0.0	0.0
-80°	20.3	6.8	0.0	0.0
-82.5°	13.5	6.8	0.0	0.0
-85°	6.8	6.8	0.0	0.0
-87.5°	6.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)