

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: P722416

Luminaire Tested: **IFLD-L-SA7C-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722416
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	37909.1 lumens	Max Intensity:	26464.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	102.7 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:	24184.4 lumens	Field Lumens:	35739.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

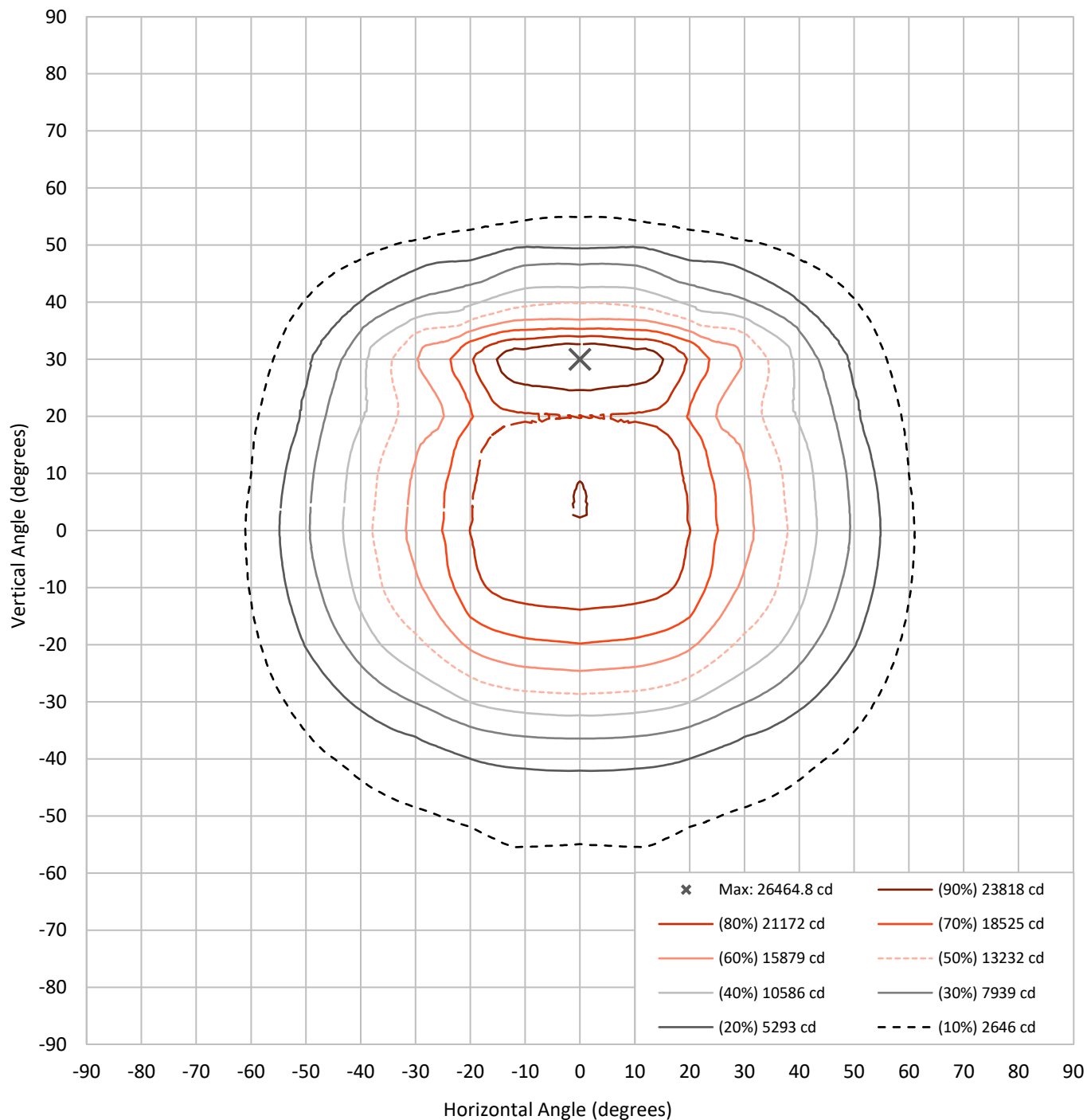
Input Watts (W): 369
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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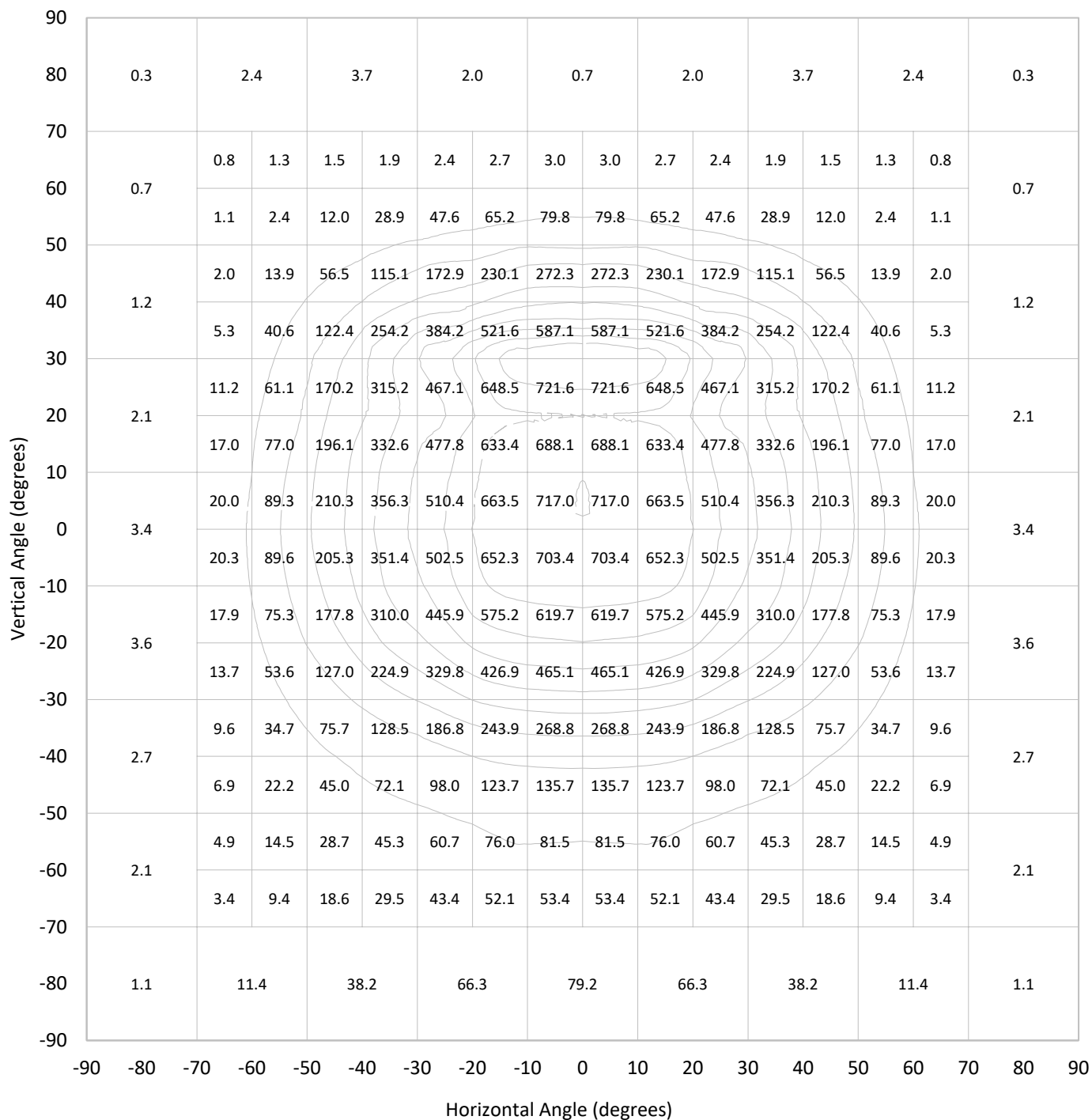
Iso-Candela Plot



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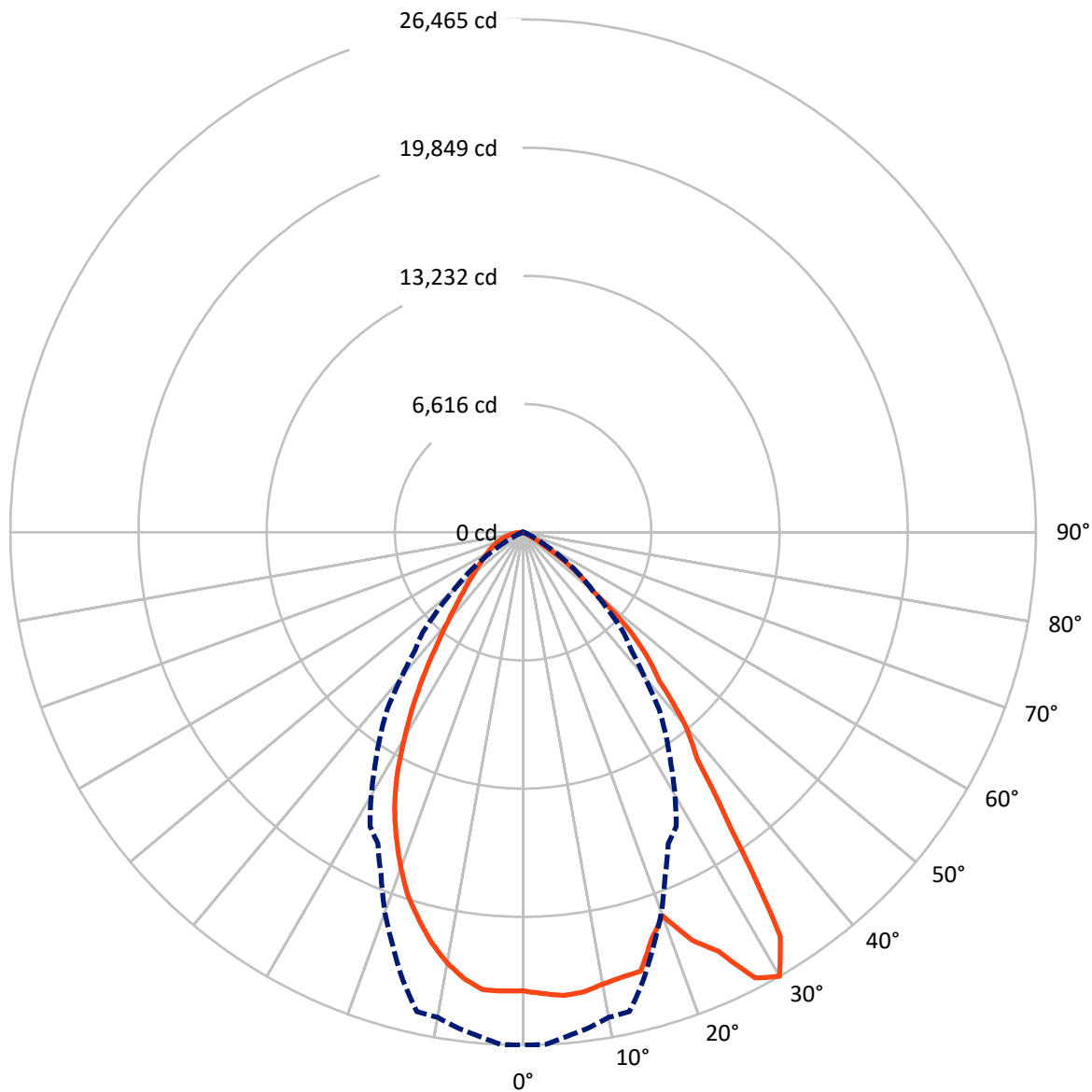
Lumen Table



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Luminous Intensity Polar Plot

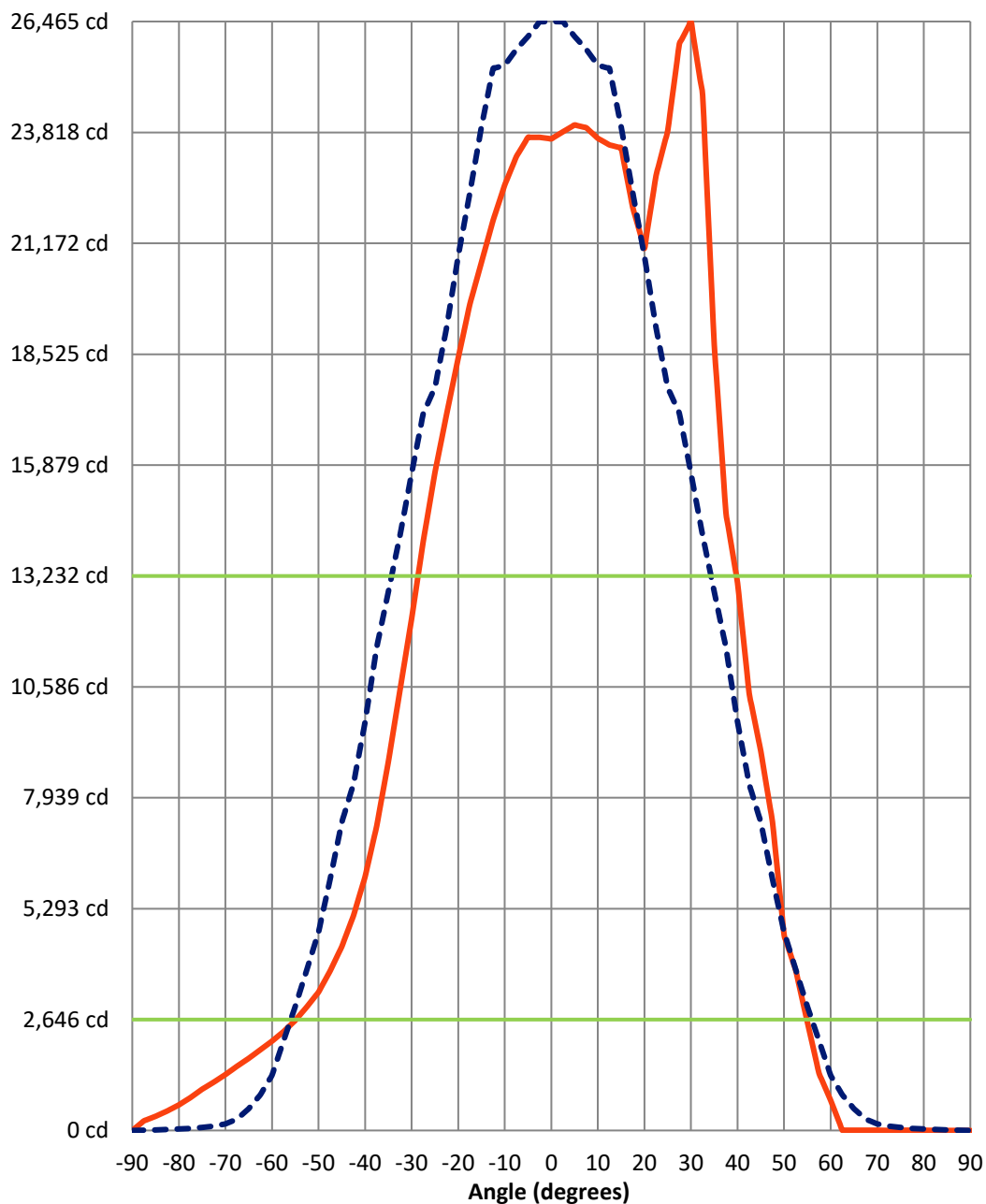


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 24184.4

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 35739.8

Efficiency: 94.3%

Spill:

Lumens: 2169.3

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	12.1	12.1	12.1	12.1	12.1	12.1	18.1
82.5°	0.0	6.0	6.0	6.0	12.1	12.1	12.1	12.1	18.1	18.1	24.1
80°	6.0	6.0	6.0	6.0	12.1	12.1	12.1	18.1	18.1	24.1	24.1
77.5°	6.0	6.0	6.0	12.1	12.1	12.1	18.1	18.1	24.1	24.1	30.2
75°	6.0	6.0	6.0	12.1	12.1	18.1	18.1	18.1	24.1	24.1	30.2
72.5°	0.0	6.0	6.0	12.1	12.1	18.1	18.1	18.1	24.1	24.1	24.1
70°	6.0	6.0	6.0	12.1	12.1	18.1	18.1	18.1	24.1	24.1	24.1
67.5°	6.0	6.0	6.0	12.1	12.1	18.1	18.1	24.1	24.1	24.1	30.2
65°	6.0	6.0	6.0	12.1	18.1	18.1	24.1	30.2	30.2	36.2	42.2
62.5°	6.0	12.1	12.1	18.1	24.1	30.2	66.4	102.6	102.6	72.4	60.4
60°	718.2	778.6	772.5	700.1	609.6	513.0	494.9	476.8	440.6	386.3	404.4
57.5°	1364.0	1436.4	1466.6	1448.5	1400.2	1315.7	1267.4	1213.1	1140.7	1056.2	959.6
55°	2583.1	2613.3	2546.9	2420.2	2281.3	2142.5	2094.2	2021.8	1913.2	1804.6	1659.7
52.5°	3820.3	3922.9	3892.8	3766.0	3578.9	3331.5	3059.9	2848.7	2721.9	2601.2	2456.4
50°	4665.3	4707.5	4792.0	4942.9	4997.2	4828.2	4387.7	3820.3	3416.0	3621.2	3464.3
47.5°	7363.1	7574.3	7532.1	7423.4	7242.4	6783.7	6168.1	5661.1	5238.6	5099.8	5124.0
45°	9046.9	9131.4	9101.2	9053.0	8968.5	8540.0	7858.0	7079.4	6687.1	6530.2	6367.2
42.5°	10429.0	10519.5	10537.6	10543.7	10453.1	10060.8	9445.2	8666.7	8274.4	7821.7	7465.7
40°	13066.4	13199.2	13048.3	12849.2	12547.4	12100.8	11497.2	10779.0	10085.0	9529.7	9107.3
37.5°	14750.3	14913.2	14973.6	14961.5	14895.1	14702.0	13959.7	13277.7	12215.4	10972.2	11195.5
35°	18745.6	18914.6	18866.4	18685.3	18588.7	18383.5	17659.3	16850.6	15516.8	14164.9	13802.7
32.5°	24702.5	25070.6	24382.6	23628.2	23163.5	23326.4	22590.1	20610.6	19995.0	17556.7	16428.1
30°	26464.8	26458.8	26108.7	25800.9	25420.7	25342.2	23954.1	22372.9	20864.0	19156.0	17731.7
27.5°	25927.7	25819.0	25523.3	25300.0	24943.9	24756.8	23398.9	22143.5	20399.3	18872.4	17496.3
25°	23857.5	23942.0	23640.3	23598.0	23459.2	23097.1	22421.1	21008.9	19451.8	17761.9	16772.1
22.5°	22789.3	22759.1	22397.0	22185.8	22354.8	21968.5	21696.9	20272.6	18649.1	17224.7	16035.8
20°	21051.1	21057.2	20966.6	20948.5	20845.9	20670.9	20453.6	19445.7	18299.0	17079.9	15649.5
17.5°	22022.8	22270.3	22378.9	21479.6	21733.1	21534.0	21304.6	19898.4	19035.3	17955.0	16090.1
15°	23447.1	23356.6	23248.0	23199.7	23060.9	22873.8	22457.4	21334.8	19850.1	18733.6	17279.1
12.5°	23519.6	23344.5	23302.3	23296.3	23151.4	22891.9	22487.5	21558.1	20242.4	18884.5	17701.5
10°	23676.5	23495.4	23471.3	23501.5	23278.2	23115.2	22710.8	21847.8	20363.1	19144.0	18027.4
7.5°	23930.0	23628.2	23767.0	23676.5	23573.9	23314.4	22879.8	22034.9	20803.7	19488.0	18317.1
5°	23996.4	23664.4	23815.3	23730.8	23579.9	23326.4	22855.7	22155.6	21075.3	19626.8	18431.8
2.5°	23833.4	23736.8	23670.5	23513.5	23447.1	23169.5	22722.9	21974.5	20948.5	19566.4	18407.7
0°	23664.4	23748.9	23598.0	23441.1	23410.9	23187.6	22807.4	22131.4	21244.3	19735.4	18612.9
-2.5°	23700.6	23634.2	23531.6	23368.7	23211.8	22891.9	22547.9	21914.2	20960.6	19367.3	18323.2
-5°	23700.6	23392.8	23404.9	23410.9	23254.0	22922.1	22505.6	21968.5	20791.6	19361.2	18238.7
-7.5°	23241.9	22976.4	22934.1	22897.9	22855.7	22547.9	22222.0	21552.1	20508.0	19204.3	18003.3
-10°	22566.0	22306.5	22330.6	22276.3	22143.5	21938.3	21690.9	21087.3	20230.3	18709.4	17526.5
-12.5°	21721.0	21606.4	21540.0	21449.5	21316.7	21135.6	20882.1	20314.8	19397.5	18099.9	16977.3
-15°	20719.2	20634.7	20574.3	20520.0	20326.9	20139.8	19807.9	19282.8	18709.4	17315.3	16168.6
-17.5°	19717.3	19506.1	19421.6	19349.2	19222.4	18920.7	18618.9	18226.6	17423.9	16319.5	15335.7
-20°	18431.8	18305.1	18202.5	18105.9	17924.8	17689.5	17442.0	16989.4	16295.3	15402.1	14382.1

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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°	17085.9	17013.5	16929.0	16808.3	16687.6	16464.3	16120.3	15685.7	15142.6	14176.9	13223.3
-25°	15697.8	15559.0	15456.4	15341.7	15245.2	15040.0	14708.0	14291.6	13609.6	12776.7	11980.1
-27.5°	14062.3	13929.5	13875.2	13742.4	13657.9	13470.8	13138.9	12752.6	12137.0	11436.9	10628.2
-30°	12215.4	12239.6	12179.2	12052.5	11949.9	11708.5	11455.0	11129.1	10646.3	9976.4	9252.1
-32.5°	10507.5	10537.6	10465.2	10332.4	10199.7	10024.6	9789.3	9493.5	9131.4	8491.7	7864.0
-35°	8799.5	8787.4	8727.0	8648.6	8558.1	8413.2	8147.7	7924.4	7507.9	7061.3	6626.8
-37.5°	7266.5	7296.7	7278.6	7236.3	7133.7	7013.0	6795.7	6590.5	6282.7	5890.5	5552.5
-40°	6053.4	6089.6	6065.5	6023.2	5932.7	5860.3	5715.4	5534.4	5286.9	4948.9	4665.3
-42.5°	5124.0	5148.1	5117.9	5081.7	5003.3	4948.9	4834.3	4683.4	4478.2	4218.7	3965.2
-45°	4387.7	4393.7	4363.5	4339.4	4279.0	4212.6	4116.1	3995.4	3832.4	3651.4	3446.2
-47.5°	3808.3	3802.2	3772.1	3747.9	3699.6	3639.3	3560.8	3452.2	3325.5	3186.6	3023.7
-50°	3301.3	3331.5	3319.4	3295.3	3259.1	3216.8	3138.4	3023.7	2896.9	2794.3	2679.7
-52.5°	2951.3	2957.3	2951.3	2951.3	2945.2	2915.1	2824.5	2709.9	2571.0	2480.5	2383.9
-55°	2625.4	2655.5	2667.6	2679.7	2685.7	2685.7	2577.1	2456.4	2323.6	2233.1	2160.6
-57.5°	2359.8	2377.9	2390.0	2420.2	2444.3	2462.4	2365.8	2257.2	2154.6	2070.1	2003.7
-60°	2130.5	2154.6	2172.7	2202.9	2221.0	2233.1	2172.7	2100.3	2039.9	1985.6	1889.0
-62.5°	1925.3	1943.4	1961.5	1979.6	1997.7	2009.8	1985.6	1949.4	1919.2	1895.1	1774.4
-65°	1720.1	1738.2	1756.3	1780.4	1798.5	1810.6	1804.6	1780.4	1756.3	1732.1	1623.5
-67.5°	1533.0	1551.1	1575.2	1581.2	1593.3	1599.4	1587.3	1569.2	1539.0	1508.8	1424.3
-70°	1333.8	1345.9	1357.9	1357.9	1357.9	1351.9	1339.8	1315.7	1285.5	1243.3	1176.9
-72.5°	1152.7	1164.8	1176.9	1158.8	1146.7	1128.6	1110.5	1080.3	1050.1	1020.0	983.8
-75°	983.8	989.8	989.8	965.6	947.5	929.4	905.3	887.2	857.0	832.9	802.7
-77.5°	784.6	784.6	784.6	766.5	754.4	742.3	724.2	706.1	682.0	663.9	639.7
-80°	609.6	609.6	609.6	603.5	585.4	573.4	561.3	549.2	531.1	519.0	507.0
-82.5°	464.7	464.7	464.7	458.7	446.6	440.6	428.5	416.4	410.4	398.3	392.3
-85°	338.0	344.0	344.0	338.0	331.9	319.9	313.8	307.8	301.8	295.7	283.7
-87.5°	229.3	229.3	229.3	223.3	217.3	217.3	211.2	199.2	187.1	181.1	175.0
-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°	18.1	18.1	18.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	18.1
82.5°	30.2	30.2	36.2	36.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
80°	30.2	36.2	42.2	48.3	54.3	60.4	60.4	60.4	60.4	54.3	54.3
77.5°	36.2	36.2	42.2	48.3	54.3	60.4	66.4	72.4	66.4	66.4	66.4
75°	36.2	42.2	42.2	48.3	54.3	60.4	66.4	72.4	72.4	72.4	72.4
72.5°	30.2	36.2	42.2	48.3	48.3	54.3	60.4	60.4	66.4	66.4	72.4
70°	30.2	36.2	42.2	42.2	48.3	48.3	54.3	60.4	60.4	66.4	66.4
67.5°	36.2	42.2	42.2	48.3	54.3	54.3	54.3	60.4	60.4	66.4	66.4
65°	42.2	48.3	48.3	54.3	60.4	60.4	66.4	66.4	66.4	72.4	72.4
62.5°	72.4	72.4	72.4	66.4	72.4	72.4	72.4	78.5	78.5	72.4	78.5
60°	374.2	271.6	187.1	235.4	211.2	96.6	96.6	96.6	90.5	90.5	84.5
57.5°	881.2	820.8	706.1	597.5	537.1	476.8	295.7	120.7	120.7	108.6	96.6
55°	1472.6	1273.4	1189.0	1044.1	887.2	814.8	676.0	458.7	217.3	144.8	126.7
52.5°	2281.3	2094.2	1877.0	1581.2	1370.0	1201.0	1086.4	863.0	579.4	307.8	193.1
50°	3053.9	2969.4	2836.6	2546.9	2106.3	1822.7	1635.6	1382.1	1038.1	633.7	362.1
47.5°	4918.8	4212.6	3784.1	3560.8	3192.7	2655.5	2293.4	2009.8	1593.3	1068.2	639.7
45°	6192.2	5745.6	5063.6	4592.9	4049.7	3482.4	3011.6	2685.7	2190.8	1599.4	1001.9
42.5°	7284.6	6898.3	6282.7	5594.7	5021.4	4279.0	3675.5	3247.0	2830.6	2184.8	1496.8
40°	8690.8	8232.2	7640.7	6970.8	6300.9	5353.3	4375.6	3856.6	3397.9	2824.5	2021.8
37.5°	11008.4	10199.7	9234.0	8491.7	7616.5	6813.9	5474.0	4556.7	4013.5	3416.0	2637.4
35°	13796.7	12909.5	11298.1	10314.3	9143.5	7948.5	6741.4	5383.5	4611.0	3977.3	3204.7
32.5°	16391.9	15094.3	13030.2	11877.5	11098.9	8896.0	7646.7	6469.8	5226.6	4448.0	3530.7
30°	17110.1	15679.7	14201.1	12855.2	11527.4	9747.0	8268.4	7351.0	5999.1	4731.7	3838.5
27.5°	16385.8	15402.1	14255.4	13006.1	11569.7	10042.7	8648.6	7773.5	6566.4	4924.8	4079.9
25°	15649.5	14623.5	13820.8	12776.7	11449.0	10024.6	8660.7	8039.0	7007.0	5299.0	4212.6
22.5°	14871.0	14231.2	13567.4	12402.5	11147.2	10079.0	9053.0	8268.4	7236.3	5721.5	4267.0
20°	14913.2	14496.8	13766.5	12209.4	11092.9	10398.8	9523.7	8558.1	7483.8	6089.6	4309.2
17.5°	15589.2	15046.0	14128.6	12776.7	11581.7	10724.7	9916.0	8956.4	7737.3	6415.5	4822.2
15°	16422.1	15595.2	14635.6	13446.7	12094.7	11080.8	10217.8	9234.0	8027.0	6717.3	5280.9
12.5°	17025.6	15848.7	14949.4	13875.2	12650.0	11467.1	10416.9	9445.2	8298.5	6964.7	5624.9
10°	17230.8	16162.5	15100.3	14140.7	12933.6	11672.3	10567.8	9578.0	8533.9	7157.9	5878.4
7.5°	17339.4	16434.1	15202.9	14261.4	13102.6	11799.0	10688.5	9650.4	8721.0	7290.6	6041.3
5°	17327.3	16579.0	15281.4	14297.6	13193.2	11853.3	10773.0	9668.6	8853.8	7405.3	6137.9
2.5°	17273.0	16675.5	15408.1	14358.0	13374.2	11955.9	10936.0	9704.8	8902.1	7532.1	6204.3
0°	17472.2	16681.6	15540.9	14376.1	13494.9	11992.1	11008.4	9674.6	8835.7	7568.3	6198.3
-2.5°	17043.7	16325.5	15510.7	14219.2	13332.0	11907.6	10875.6	9578.0	8690.8	7526.0	6174.1
-5°	16971.3	16066.0	15257.2	14074.3	13060.4	11732.6	10628.2	9397.0	8461.5	7387.2	6077.5
-7.5°	16778.1	15818.5	15009.8	13959.7	12806.9	11551.6	10392.8	9209.9	8214.0	7169.9	5938.7
-10°	16355.7	15438.3	14744.2	13712.2	12499.1	11292.0	10109.1	8962.4	7924.4	6874.2	5721.5
-12.5°	15752.1	14834.8	14146.7	13187.1	12112.8	10942.0	9771.2	8642.6	7592.4	6560.4	5461.9
-15°	15070.1	14140.7	13452.7	12577.6	11539.5	10398.8	9342.6	8238.2	7212.2	6228.4	5154.1
-17.5°	14297.6	13416.5	12752.6	11901.6	10869.6	9783.2	8733.1	7731.2	6771.6	5884.4	4798.1
-20°	13404.4	12547.4	11937.8	11086.8	10139.3	9083.1	8063.2	7115.6	6252.6	5419.7	4405.8

REPORT NUMBER: P722416

CATALOG NUMBER: IFLD-L-SA7C-727-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°	12299.9	11545.5	10851.5	10091.0	9264.2	8298.5	7351.0	6512.1	5685.3	4870.5	4001.4
-25°	11171.3	10441.1	9765.1	9071.1	8280.4	7447.6	6638.8	5878.4	5069.7	4333.3	3609.1
-27.5°	9916.0	9264.2	8660.7	8020.9	7296.7	6578.5	5914.6	5172.3	4472.2	3844.5	3222.9
-30°	8576.2	8045.1	7520.0	6952.7	6367.2	5763.7	5172.3	4472.2	3922.9	3422.0	2896.9
-32.5°	7290.6	6813.9	6391.4	5968.9	5461.9	4967.1	4442.0	3922.9	3464.3	3023.7	2583.1
-35°	6162.0	5655.1	5419.7	5081.7	4677.4	4230.7	3802.2	3440.1	3072.0	2673.6	2281.3
-37.5°	5184.3	4858.4	4580.8	4327.3	4007.4	3621.2	3313.4	3017.7	2709.9	2347.7	2009.8
-40°	4417.8	4182.5	3904.8	3717.7	3458.2	3180.6	2872.8	2625.4	2365.8	2070.1	1792.5
-42.5°	3802.2	3609.1	3428.1	3228.9	3035.8	2800.4	2534.8	2299.4	2064.1	1846.8	1617.5
-45°	3295.3	3156.5	3011.6	2848.7	2679.7	2474.5	2257.2	2015.8	1846.8	1653.7	1460.5
-47.5°	2878.8	2776.2	2655.5	2528.8	2383.9	2202.9	2003.7	1828.7	1653.7	1490.7	1303.6
-50°	2546.9	2450.3	2353.8	2245.1	2118.4	1961.5	1810.6	1647.6	1484.7	1327.8	1152.7
-52.5°	2269.3	2184.8	2106.3	2015.8	1895.1	1762.3	1623.5	1478.6	1327.8	1170.8	1032.0
-55°	2076.1	1979.6	1901.1	1810.6	1702.0	1575.2	1448.5	1315.7	1170.8	1050.1	935.5
-57.5°	1919.2	1810.6	1720.1	1623.5	1514.9	1406.2	1291.6	1170.8	1062.2	947.5	838.9
-60°	1786.4	1659.7	1557.1	1460.5	1357.9	1255.3	1158.8	1056.2	953.6	851.0	742.3
-62.5°	1647.6	1514.9	1388.1	1297.6	1219.1	1128.6	1044.1	947.5	857.0	754.4	676.0
-65°	1490.7	1364.0	1243.3	1164.8	1092.4	1013.9	935.5	851.0	772.5	694.1	621.6
-67.5°	1315.7	1207.1	1122.6	1050.1	977.7	911.3	838.9	766.5	700.1	621.6	549.2
-70°	1104.5	1044.1	995.8	941.5	875.1	814.8	748.4	682.0	609.6	543.2	476.8
-72.5°	941.5	905.3	869.1	814.8	754.4	700.1	645.8	585.4	525.1	464.7	410.4
-75°	772.5	742.3	712.2	676.0	627.7	585.4	537.1	482.8	434.5	392.3	350.0
-77.5°	621.6	597.5	579.4	549.2	513.0	476.8	446.6	410.4	374.2	331.9	289.7
-80°	494.9	482.8	476.8	464.7	434.5	404.4	380.2	350.0	313.8	283.7	253.5
-82.5°	386.3	386.3	380.2	374.2	350.0	325.9	307.8	283.7	259.5	235.4	205.2
-85°	283.7	277.6	277.6	271.6	253.5	241.4	223.3	211.2	193.1	169.0	156.9
-87.5°	169.0	163.0	156.9	150.9	138.8	132.8	120.7	114.7	102.6	90.5	84.5
-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: P722416

CATALOG NUMBER: IFLD-L-SA7C-727-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°	18.1	12.1	12.1	12.1	12.1	12.1	6.0	6.0	6.0	6.0	6.0
82.5°	36.2	36.2	30.2	30.2	24.1	18.1	12.1	12.1	12.1	6.0	6.0
80°	54.3	54.3	54.3	48.3	42.2	30.2	24.1	18.1	12.1	6.0	6.0
77.5°	66.4	60.4	60.4	54.3	54.3	48.3	36.2	30.2	18.1	12.1	6.0
75°	66.4	66.4	66.4	60.4	60.4	54.3	48.3	36.2	30.2	18.1	12.1
72.5°	72.4	66.4	66.4	66.4	60.4	54.3	48.3	42.2	36.2	24.1	12.1
70°	66.4	66.4	66.4	66.4	60.4	60.4	48.3	42.2	42.2	24.1	18.1
67.5°	66.4	66.4	66.4	60.4	60.4	54.3	48.3	42.2	42.2	30.2	18.1
65°	72.4	66.4	66.4	66.4	60.4	54.3	48.3	42.2	42.2	36.2	24.1
62.5°	78.5	72.4	72.4	66.4	60.4	54.3	48.3	42.2	42.2	36.2	24.1
60°	84.5	78.5	72.4	72.4	66.4	60.4	48.3	48.3	42.2	36.2	24.1
57.5°	90.5	84.5	84.5	78.5	72.4	66.4	54.3	48.3	42.2	36.2	30.2
55°	108.6	96.6	90.5	90.5	84.5	72.4	60.4	48.3	42.2	36.2	30.2
52.5°	144.8	114.7	102.6	102.6	96.6	84.5	66.4	54.3	42.2	36.2	30.2
50°	229.3	144.8	120.7	108.6	108.6	96.6	78.5	60.4	42.2	36.2	30.2
47.5°	362.1	241.4	144.8	126.7	120.7	114.7	90.5	60.4	48.3	36.2	30.2
45°	597.5	356.1	235.4	150.9	126.7	120.7	102.6	66.4	48.3	42.2	30.2
42.5°	820.8	555.2	362.1	181.1	150.9	132.8	108.6	72.4	54.3	42.2	30.2
40°	1291.6	760.4	507.0	295.7	175.0	138.8	120.7	84.5	54.3	42.2	30.2
37.5°	1750.2	1007.9	682.0	434.5	199.2	156.9	126.7	90.5	60.4	42.2	36.2
35°	2208.9	1412.3	844.9	579.4	265.6	187.1	132.8	96.6	60.4	42.2	36.2
32.5°	2619.3	1792.5	1013.9	724.2	398.3	223.3	144.8	102.6	66.4	48.3	36.2
30°	2957.3	2142.5	1315.7	851.0	519.0	271.6	156.9	102.6	72.4	48.3	36.2
27.5°	3210.8	2414.1	1623.5	983.8	621.6	319.9	181.1	114.7	72.4	48.3	36.2
25°	3416.0	2625.4	1895.1	1122.6	712.2	398.3	217.3	120.7	78.5	54.3	36.2
22.5°	3578.9	2800.4	2118.4	1309.7	820.8	476.8	265.6	132.8	78.5	54.3	36.2
20°	3802.2	2975.4	2269.3	1508.8	935.5	549.2	307.8	144.8	78.5	54.3	42.2
17.5°	3995.4	3150.4	2390.0	1677.8	1050.1	603.5	356.1	156.9	84.5	54.3	42.2
15°	4218.7	3319.4	2498.6	1810.6	1158.8	651.8	398.3	169.0	84.5	60.4	42.2
12.5°	4460.1	3476.3	2577.1	1919.2	1273.4	694.1	434.5	193.1	90.5	60.4	42.2
10°	4707.5	3609.1	2643.5	1997.7	1357.9	736.3	458.7	217.3	96.6	60.4	42.2
7.5°	4955.0	3729.8	2728.0	2033.9	1394.2	784.6	470.8	241.4	96.6	66.4	42.2
5°	5124.0	3808.3	2848.7	2058.0	1412.3	838.9	488.9	271.6	102.6	66.4	42.2
2.5°	5268.8	3856.6	2975.4	2076.1	1418.3	869.1	482.8	289.7	108.6	66.4	42.2
0°	5335.2	3856.6	3059.9	2064.1	1400.2	899.3	482.8	307.8	108.6	66.4	42.2
-2.5°	5232.6	3965.2	3035.8	2070.1	1406.2	899.3	507.0	313.8	120.7	72.4	42.2
-5°	5069.7	4007.4	2963.3	2039.9	1394.2	899.3	537.1	319.9	126.7	72.4	48.3
-7.5°	4912.7	4025.5	2878.8	2009.8	1376.0	875.1	543.2	313.8	138.8	78.5	48.3
-10°	4707.5	3826.4	2770.2	1955.4	1339.8	857.0	555.2	313.8	144.8	78.5	48.3
-12.5°	4472.2	3585.0	2637.4	1877.0	1297.6	838.9	561.3	313.8	150.9	84.5	48.3
-15°	4200.6	3337.5	2486.5	1792.5	1237.2	814.8	549.2	307.8	156.9	84.5	54.3
-17.5°	3892.8	3096.1	2329.6	1689.9	1170.8	784.6	525.1	301.8	156.9	84.5	54.3
-20°	3542.7	2854.7	2154.6	1587.3	1092.4	748.4	500.9	289.7	156.9	84.5	54.3

REPORT NUMBER: P722416

CATALOG NUMBER: IFLD-L-SA7C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3228.9	2631.4	1973.5	1472.6	1007.9	706.1	470.8	277.6	156.9	90.5	54.3
-25°	2969.4	2414.1	1834.7	1357.9	917.4	657.8	440.6	265.6	156.9	90.5	54.3
-27.5°	2697.8	2178.7	1689.9	1249.3	857.0	615.6	410.4	253.5	150.9	90.5	54.3
-30°	2420.2	1949.4	1539.0	1128.6	796.7	573.4	386.3	235.4	150.9	90.5	54.3
-32.5°	2166.7	1762.3	1400.2	1007.9	730.3	531.1	362.1	229.3	144.8	90.5	54.3
-35°	1919.2	1593.3	1255.3	911.3	657.8	488.9	338.0	223.3	144.8	90.5	54.3
-37.5°	1714.0	1436.4	1122.6	844.9	615.6	452.6	313.8	211.2	138.8	90.5	54.3
-40°	1545.0	1291.6	995.8	772.5	579.4	416.4	289.7	205.2	138.8	90.5	54.3
-42.5°	1388.1	1152.7	917.4	712.2	543.2	392.3	271.6	199.2	132.8	90.5	54.3
-45°	1249.3	1032.0	838.9	657.8	500.9	362.1	259.5	187.1	126.7	90.5	60.4
-47.5°	1110.5	947.5	766.5	609.6	458.7	325.9	247.4	181.1	120.7	84.5	60.4
-50°	1001.9	857.0	706.1	555.2	416.4	313.8	235.4	169.0	120.7	84.5	60.4
-52.5°	905.3	772.5	639.7	500.9	380.2	295.7	223.3	156.9	114.7	84.5	60.4
-55°	814.8	694.1	573.4	446.6	356.1	277.6	205.2	144.8	114.7	84.5	60.4
-57.5°	724.2	621.6	507.0	404.4	325.9	259.5	193.1	144.8	114.7	84.5	60.4
-60°	651.8	555.2	458.7	374.2	301.8	235.4	175.0	138.8	108.6	84.5	60.4
-62.5°	591.5	500.9	416.4	338.0	277.6	211.2	169.0	138.8	108.6	84.5	54.3
-65°	531.1	452.6	374.2	307.8	247.4	199.2	163.0	132.8	108.6	84.5	54.3
-67.5°	470.8	398.3	338.0	271.6	229.3	193.1	156.9	132.8	102.6	78.5	54.3
-70°	410.4	350.0	295.7	253.5	217.3	181.1	150.9	126.7	102.6	72.4	48.3
-72.5°	362.1	307.8	265.6	235.4	205.2	175.0	144.8	120.7	96.6	66.4	42.2
-75°	307.8	271.6	241.4	211.2	187.1	163.0	138.8	108.6	84.5	60.4	42.2
-77.5°	259.5	235.4	211.2	193.1	169.0	144.8	120.7	96.6	78.5	54.3	36.2
-80°	223.3	205.2	187.1	169.0	150.9	126.7	108.6	84.5	66.4	48.3	30.2
-82.5°	181.1	169.0	150.9	138.8	126.7	108.6	90.5	72.4	48.3	36.2	24.1
-85°	138.8	126.7	120.7	108.6	96.6	78.5	60.4	48.3	36.2	24.1	12.1
-87.5°	72.4	66.4	60.4	54.3	48.3	36.2	30.2	24.1	18.1	12.1	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: P722416

CATALOG NUMBER: IFLD-L-SA7C-727-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°	12.1	6.0	0.0	0.0
65°	12.1	6.0	0.0	0.0
62.5°	12.1	6.0	0.0	0.0
60°	12.1	6.0	0.0	0.0
57.5°	18.1	6.0	6.0	0.0
55°	18.1	6.0	6.0	0.0
52.5°	18.1	6.0	6.0	0.0
50°	18.1	12.1	6.0	0.0
47.5°	18.1	12.1	6.0	0.0
45°	18.1	12.1	6.0	0.0
42.5°	18.1	12.1	6.0	0.0
40°	24.1	12.1	6.0	0.0
37.5°	24.1	12.1	6.0	0.0
35°	24.1	12.1	6.0	0.0
32.5°	24.1	12.1	6.0	0.0
30°	24.1	12.1	6.0	0.0
27.5°	24.1	18.1	6.0	0.0
25°	24.1	18.1	6.0	0.0
22.5°	30.2	18.1	6.0	0.0
20°	30.2	18.1	6.0	0.0
17.5°	30.2	18.1	6.0	0.0
15°	30.2	18.1	6.0	0.0
12.5°	30.2	18.1	6.0	0.0
10°	30.2	18.1	6.0	0.0
7.5°	30.2	18.1	6.0	0.0
5°	30.2	18.1	6.0	0.0
2.5°	30.2	18.1	6.0	0.0
0°	30.2	18.1	6.0	0.0
-2.5°	30.2	18.1	6.0	0.0
-5°	30.2	18.1	6.0	0.0
-7.5°	30.2	18.1	6.0	0.0
-10°	30.2	18.1	6.0	0.0
-12.5°	36.2	18.1	6.0	0.0
-15°	36.2	18.1	6.0	0.0
-17.5°	36.2	18.1	6.0	0.0
-20°	36.2	18.1	6.0	0.0

REPORT NUMBER: P722416

CATALOG NUMBER: IFLD-L-SA7C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	36.2	18.1	6.0	0.0
-25°	36.2	18.1	6.0	0.0
-27.5°	36.2	18.1	6.0	0.0
-30°	36.2	18.1	6.0	0.0
-32.5°	36.2	18.1	6.0	0.0
-35°	36.2	18.1	6.0	0.0
-37.5°	36.2	18.1	6.0	0.0
-40°	36.2	18.1	6.0	0.0
-42.5°	30.2	18.1	6.0	0.0
-45°	36.2	18.1	6.0	0.0
-47.5°	36.2	18.1	6.0	0.0
-50°	36.2	18.1	6.0	0.0
-52.5°	36.2	18.1	6.0	0.0
-55°	36.2	18.1	6.0	0.0
-57.5°	36.2	18.1	6.0	0.0
-60°	36.2	18.1	6.0	0.0
-62.5°	30.2	18.1	6.0	0.0
-65°	30.2	12.1	6.0	0.0
-67.5°	30.2	12.1	6.0	0.0
-70°	30.2	12.1	6.0	0.0
-72.5°	24.1	12.1	6.0	0.0
-75°	24.1	12.1	6.0	0.0
-77.5°	18.1	6.0	0.0	0.0
-80°	18.1	6.0	0.0	0.0
-82.5°	12.1	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)