

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: P722406

Luminaire Tested: **IFLD-S-SA6C-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722406
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	35532.7 lumens	Max Intensity:	24805.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	110.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	22668.3 lumens	Field Lumens:	33499.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

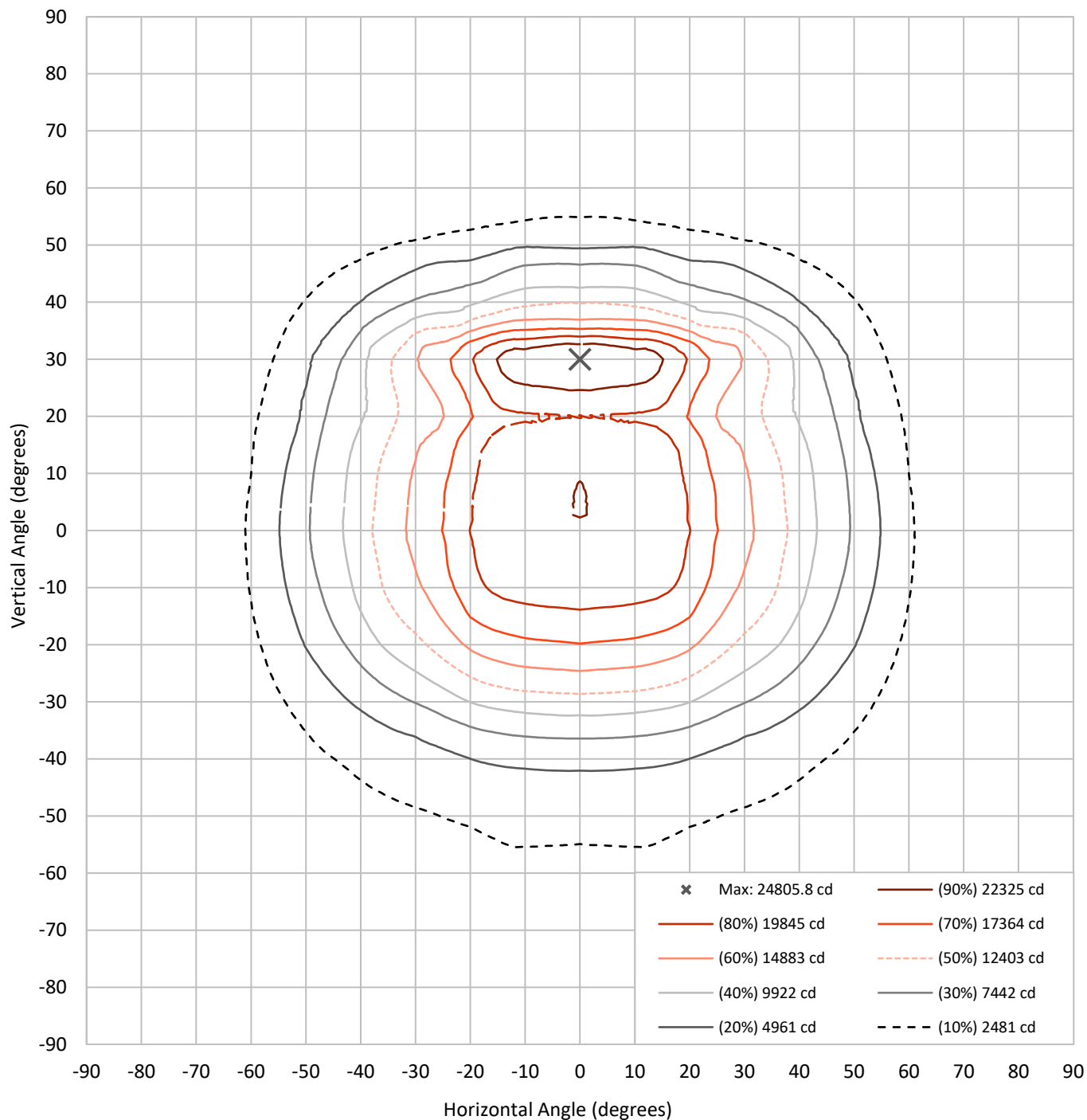
Input Watts (W): 321.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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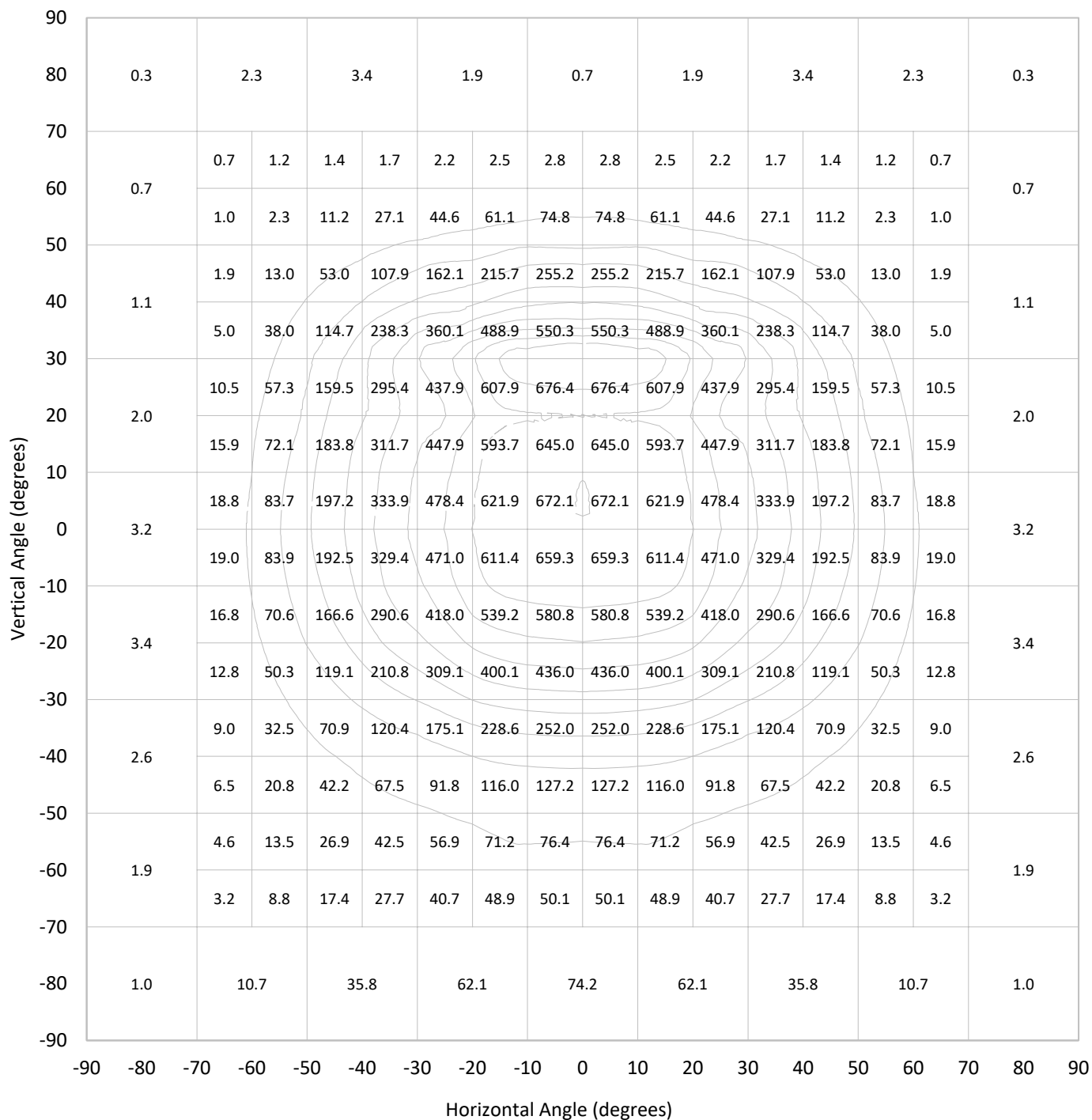
Iso-Candela Plot



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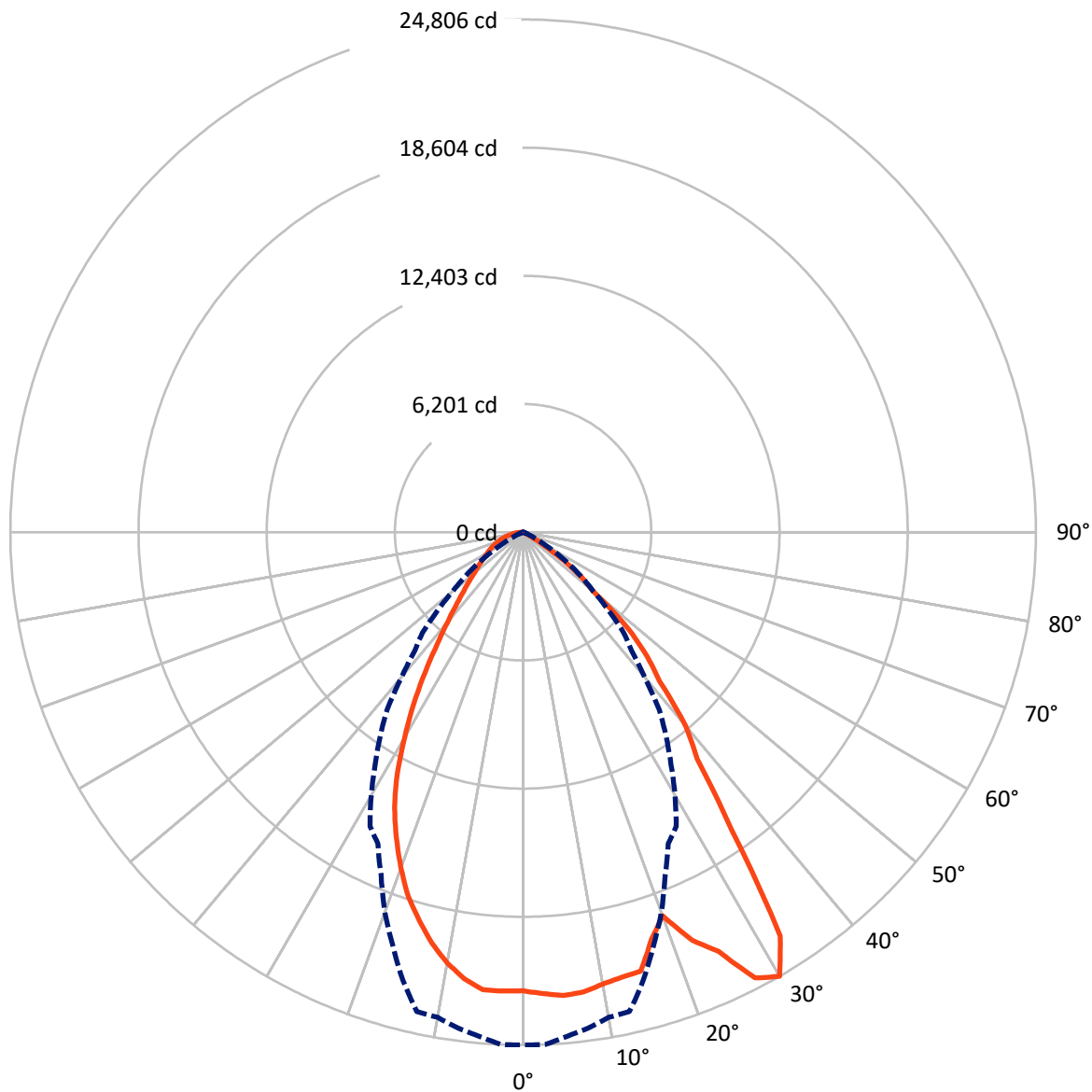
Lumen Table



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Luminous Intensity Polar Plot

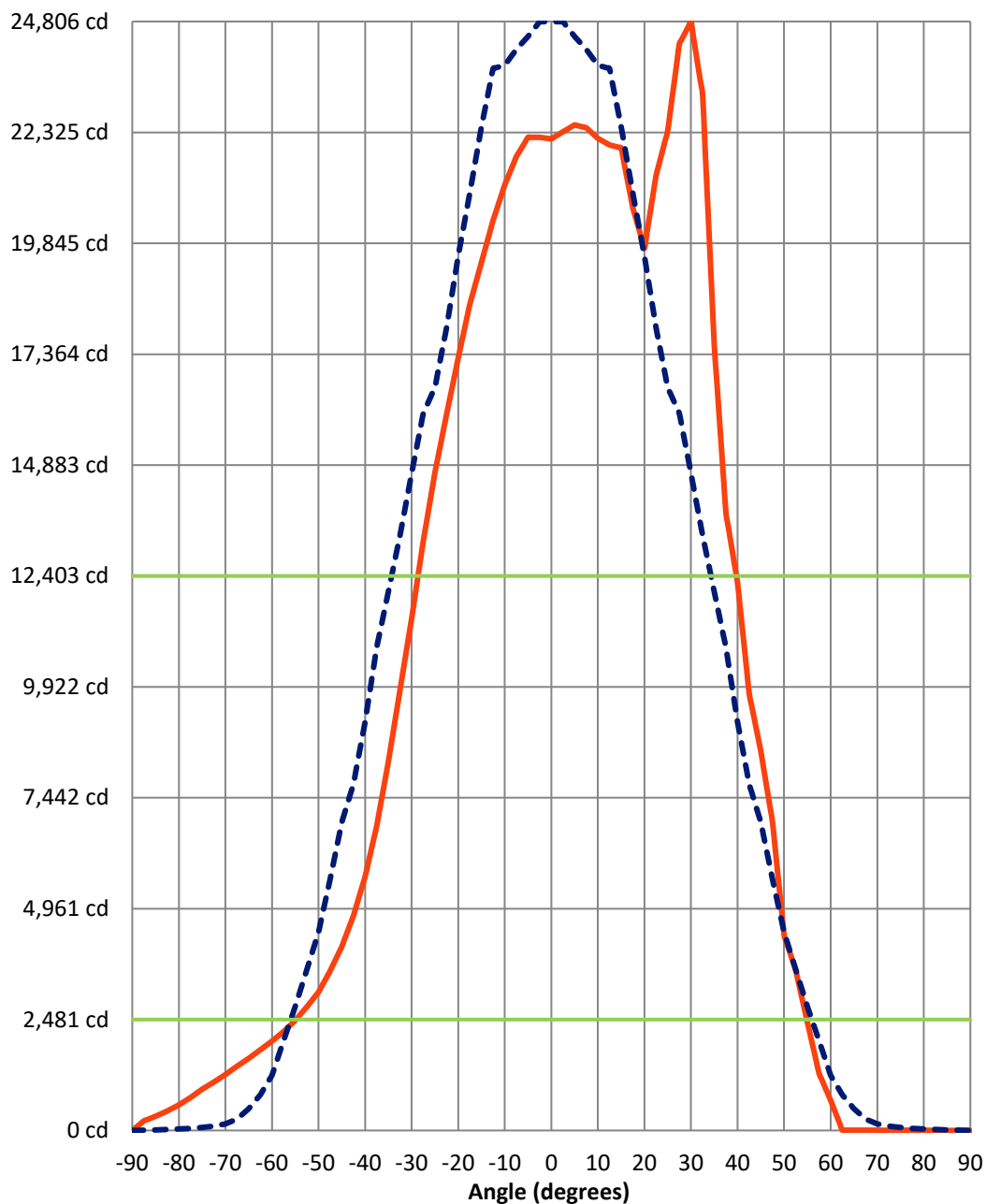


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 22668.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 33499.3

Efficiency: 94.3%

Spill:

Lumens: 2033.3

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	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	0.0	5.7	5.7	5.7	11.3	11.3	11.3	11.3	11.3	11.3	17.0
82.5°	0.0	5.7	5.7	5.7	11.3	11.3	11.3	11.3	17.0	17.0	22.6
80°	5.7	5.7	5.7	5.7	11.3	11.3	11.3	17.0	17.0	22.6	22.6
77.5°	5.7	5.7	5.7	11.3	11.3	11.3	17.0	17.0	22.6	22.6	28.3
75°	5.7	5.7	5.7	11.3	11.3	17.0	17.0	17.0	22.6	22.6	28.3
72.5°	0.0	5.7	5.7	11.3	11.3	17.0	17.0	17.0	22.6	22.6	22.6
70°	5.7	5.7	5.7	11.3	11.3	17.0	17.0	17.0	22.6	22.6	22.6
67.5°	5.7	5.7	5.7	11.3	11.3	17.0	17.0	22.6	22.6	22.6	28.3
65°	5.7	5.7	5.7	11.3	17.0	17.0	22.6	28.3	28.3	33.9	39.6
62.5°	5.7	11.3	11.3	17.0	22.6	28.3	62.2	96.2	96.2	67.9	56.6
60°	673.2	729.7	724.1	656.2	571.4	480.8	463.9	446.9	413.0	362.0	379.0
57.5°	1278.5	1346.4	1374.6	1357.7	1312.4	1233.2	1188.0	1137.0	1069.2	990.0	899.5
55°	2421.2	2449.5	2387.2	2268.4	2138.3	2008.2	1963.0	1895.1	1793.3	1691.4	1555.7
52.5°	3580.9	3677.0	3648.7	3529.9	3354.6	3122.6	2868.1	2670.1	2551.3	2438.1	2302.4
50°	4372.8	4412.4	4491.6	4633.0	4684.0	4525.6	4112.6	3580.9	3201.8	3394.2	3247.1
47.5°	6901.5	7099.5	7059.9	6958.1	6788.3	6358.4	5781.4	5306.2	4910.2	4780.1	4802.8
45°	8479.8	8559.0	8530.7	8485.4	8406.2	8004.6	7365.4	6635.6	6267.9	6120.8	5968.1
42.5°	9775.2	9860.1	9877.0	9882.7	9797.8	9430.1	8853.1	8123.4	7755.7	7331.4	6997.7
40°	12247.3	12371.8	12230.3	12043.7	11760.8	11342.2	10776.5	10103.3	9452.8	8932.3	8536.3
37.5°	13825.6	13978.3	14034.9	14023.6	13961.4	13780.3	13084.5	12445.3	11449.7	10284.3	10493.7
35°	17570.5	17728.9	17683.6	17513.9	17423.4	17231.1	16552.3	15794.2	14544.0	13276.9	12937.5
32.5°	23153.9	23499.0	22854.1	22147.0	21711.4	21864.1	21174.0	19318.5	18741.5	16456.1	15398.2
30°	24805.8	24800.1	24472.0	24183.5	23827.1	23753.6	22452.5	20970.3	19556.1	17955.2	16620.1
27.5°	24302.3	24200.5	23923.3	23714.0	23380.2	23204.8	21932.0	20755.4	19120.5	17689.3	16399.5
25°	22361.9	22441.1	22158.3	22118.7	21988.6	21649.2	21015.6	19691.9	18232.4	16648.4	15720.7
22.5°	21360.7	21332.4	20993.0	20795.0	20953.4	20591.3	20336.8	19001.7	17480.0	16145.0	15030.5
20°	19731.5	19737.1	19652.3	19635.3	19539.1	19375.1	19171.4	18226.7	17151.9	16009.2	14668.5
17.5°	20642.2	20874.2	20976.0	20133.1	20370.7	20184.0	19969.1	18651.0	17842.0	16829.4	15081.4
15°	21977.3	21892.4	21790.6	21745.3	21615.2	21439.9	21049.5	19997.3	18605.7	17559.2	16195.9
12.5°	22045.2	21881.1	21841.5	21835.9	21700.1	21456.8	21077.8	20206.6	18973.4	17700.6	16591.9
10°	22192.2	22022.5	21999.9	22028.2	21818.9	21666.1	21287.1	20478.2	19086.6	17943.9	16897.3
7.5°	22429.8	22147.0	22277.1	22192.2	22096.1	21852.8	21445.5	20653.5	19499.5	18266.3	17168.9
5°	22492.1	22180.9	22322.4	22243.2	22101.7	21864.1	21422.9	20766.7	19754.1	18396.4	17276.3
2.5°	22339.3	22248.8	22186.6	22039.5	21977.3	21717.1	21298.4	20597.0	19635.3	18339.9	17253.7
0°	22180.9	22260.1	22118.7	21971.6	21943.3	21734.0	21377.6	20744.1	19912.5	18498.2	17446.1
-2.5°	22214.9	22152.6	22056.5	21903.7	21756.7	21456.8	21134.4	20540.4	19646.6	18153.2	17174.5
-5°	22214.9	21926.4	21937.7	21943.3	21796.3	21485.1	21094.8	20591.3	19488.2	18147.5	17095.3
-7.5°	21784.9	21536.0	21496.4	21462.5	21422.9	21134.4	20828.9	20201.0	19222.3	18000.4	16874.7
-10°	21151.4	20908.1	20930.7	20879.8	20755.4	20563.0	20331.1	19765.4	18962.1	17536.6	16427.8
-12.5°	20359.4	20251.9	20189.7	20104.8	19980.4	19810.7	19573.1	19041.3	18181.5	16965.2	15913.0
-15°	19420.3	19341.1	19284.6	19233.7	19052.6	18877.3	18566.1	18074.0	17536.6	16229.8	15155.0
-17.5°	18481.3	18283.3	18204.1	18136.2	18017.4	17734.6	17451.7	17084.0	16331.6	15296.4	14374.3
-20°	17276.3	17157.5	17061.4	16970.9	16801.2	16580.5	16348.6	15924.3	15273.8	14436.6	13480.5



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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°	16014.8	15947.0	15867.8	15754.6	15641.5	15432.2	15109.7	14702.4	14193.3	13288.2	12394.4
-25°	14713.7	14583.6	14487.5	14380.0	14289.5	14097.1	13786.0	13395.7	12756.4	11975.8	11229.1
-27.5°	13180.7	13056.3	13005.3	12880.9	12801.7	12626.3	12315.2	11953.1	11376.1	10719.9	9961.9
-30°	11449.7	11472.3	11415.7	11296.9	11200.8	10974.5	10736.9	10431.4	9978.9	9350.9	8672.1
-32.5°	9848.8	9877.0	9809.2	9684.7	9560.3	9396.2	9175.6	8898.4	8559.0	7959.3	7371.0
-35°	8247.8	8236.5	8180.0	8106.4	8021.6	7885.8	7636.9	7427.6	7037.3	6618.6	6211.3
-37.5°	6811.0	6839.3	6822.3	6782.7	6686.5	6573.4	6369.7	6177.4	5888.9	5521.2	5204.4
-40°	5673.9	5707.9	5685.2	5645.6	5560.8	5492.9	5357.1	5187.4	4955.5	4638.7	4372.8
-42.5°	4802.8	4825.4	4797.1	4763.2	4689.6	4638.7	4531.2	4389.8	4197.5	3954.2	3716.6
-45°	4112.6	4118.3	4090.0	4067.4	4010.8	3948.6	3858.0	3744.9	3592.2	3422.5	3230.1
-47.5°	3569.5	3563.9	3535.6	3513.0	3467.7	3411.1	3337.6	3235.8	3117.0	2986.9	2834.1
-50°	3094.4	3122.6	3111.3	3088.7	3054.8	3015.2	2941.6	2834.1	2715.3	2619.2	2511.7
-52.5°	2766.3	2771.9	2766.3	2766.3	2760.6	2732.3	2647.5	2540.0	2409.9	2325.0	2234.5
-55°	2460.8	2489.1	2500.4	2511.7	2517.3	2517.3	2415.5	2302.4	2177.9	2093.1	2025.2
-57.5°	2211.9	2228.8	2240.2	2268.4	2291.1	2308.0	2217.5	2115.7	2019.5	1940.3	1878.1
-60°	1996.9	2019.5	2036.5	2064.8	2081.8	2093.1	2036.5	1968.6	1912.1	1861.1	1770.6
-62.5°	1804.6	1821.5	1838.5	1855.5	1872.5	1883.8	1861.1	1827.2	1798.9	1776.3	1663.1
-65°	1612.2	1629.2	1646.2	1668.8	1685.8	1697.1	1691.4	1668.8	1646.2	1623.5	1521.7
-67.5°	1436.9	1453.8	1476.5	1482.1	1493.4	1499.1	1487.8	1470.8	1442.5	1414.2	1335.0
-70°	1250.2	1261.5	1272.8	1272.8	1272.8	1267.2	1255.8	1233.2	1204.9	1165.3	1103.1
-72.5°	1080.5	1091.8	1103.1	1086.1	1074.8	1057.9	1040.9	1012.6	984.3	956.0	922.1
-75°	922.1	927.7	927.7	905.1	888.1	871.2	848.5	831.6	803.3	780.7	752.4
-77.5°	735.4	735.4	735.4	718.4	707.1	695.8	678.8	661.9	639.2	622.3	599.6
-80°	571.4	571.4	571.4	565.7	548.7	537.4	526.1	514.8	497.8	486.5	475.2
-82.5°	435.6	435.6	435.6	429.9	418.6	413.0	401.6	390.3	384.7	373.4	367.7
-85°	316.8	322.4	322.4	316.8	311.1	299.8	294.2	288.5	282.8	277.2	265.9
-87.5°	215.0	215.0	215.0	209.3	203.7	203.7	198.0	186.7	175.4	169.7	164.1
-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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	17.0	17.0	17.0	22.6	22.6	22.6	22.6	22.6	22.6	22.6	17.0
82.5°	28.3	28.3	33.9	33.9	39.6	39.6	39.6	39.6	39.6	39.6	39.6
80°	28.3	33.9	39.6	45.3	50.9	56.6	56.6	56.6	56.6	50.9	50.9
77.5°	33.9	33.9	39.6	45.3	50.9	56.6	62.2	67.9	62.2	62.2	62.2
75°	33.9	39.6	39.6	45.3	50.9	56.6	62.2	67.9	67.9	67.9	67.9
72.5°	28.3	33.9	39.6	45.3	45.3	50.9	56.6	56.6	62.2	62.2	67.9
70°	28.3	33.9	39.6	39.6	45.3	45.3	50.9	56.6	56.6	62.2	62.2
67.5°	33.9	39.6	39.6	45.3	50.9	50.9	50.9	56.6	56.6	62.2	62.2
65°	39.6	45.3	45.3	50.9	56.6	56.6	62.2	62.2	62.2	67.9	67.9
62.5°	67.9	67.9	67.9	62.2	67.9	67.9	67.9	73.5	73.5	67.9	73.5
60°	350.7	254.6	175.4	220.6	198.0	90.5	90.5	90.5	84.9	84.9	79.2
57.5°	825.9	769.3	661.9	560.0	503.5	446.9	277.2	113.1	113.1	101.8	90.5
55°	1380.3	1193.6	1114.4	978.7	831.6	763.7	633.6	429.9	203.7	135.8	118.8
52.5°	2138.3	1963.0	1759.3	1482.1	1284.1	1125.7	1018.3	808.9	543.1	288.5	181.0
50°	2862.4	2783.2	2658.8	2387.2	1974.3	1708.4	1533.0	1295.4	973.0	594.0	339.4
47.5°	4610.4	3948.6	3546.9	3337.6	2992.5	2489.1	2149.6	1883.8	1493.4	1001.3	599.6
45°	5804.0	5385.4	4746.2	4304.9	3795.8	3264.1	2822.8	2517.3	2053.5	1499.1	939.1
42.5°	6827.9	6465.9	5888.9	5244.0	4706.6	4010.8	3445.1	3043.4	2653.1	2047.8	1402.9
40°	8146.0	7716.1	7161.7	6533.8	5905.9	5017.7	4101.3	3614.8	3184.9	2647.5	1895.1
37.5°	10318.3	9560.3	8655.1	7959.3	7139.1	6386.7	5130.9	4271.0	3761.9	3201.8	2472.1
35°	12931.8	12100.2	10589.8	9667.7	8570.3	7450.2	6318.8	5046.0	4321.9	3727.9	3003.8
32.5°	15364.3	14148.0	12213.4	11132.9	10403.1	8338.4	7167.4	6064.3	4898.9	4169.2	3309.3
30°	16037.5	14696.8	13310.8	12049.3	10804.8	9136.0	7750.0	6890.2	5623.0	4435.1	3597.8
27.5°	15358.6	14436.6	13361.7	12190.7	10844.4	9413.2	8106.4	7286.2	6154.8	4616.1	3824.1
25°	14668.5	13706.8	12954.4	11975.8	10731.2	9396.2	8117.7	7535.1	6567.7	4966.8	3948.6
22.5°	13938.7	13339.1	12716.8	11625.0	10448.4	9447.1	8485.4	7750.0	6782.7	5362.8	3999.5
20°	13978.3	13588.0	12903.5	11444.0	10397.5	9746.9	8926.7	8021.6	7014.6	5707.9	4039.1
17.5°	14611.9	14102.8	13242.9	11975.8	10855.7	10052.4	9294.4	8394.9	7252.2	6013.3	4519.9
15°	15392.6	14617.6	13718.1	12603.7	11336.5	10386.2	9577.2	8655.1	7523.8	6296.2	4949.8
12.5°	15958.3	14855.2	14012.3	13005.3	11857.0	10748.2	9763.9	8853.1	7778.3	6528.1	5272.3
10°	16150.6	15149.3	14153.7	13254.2	12122.9	10940.6	9905.3	8977.6	7998.9	6709.2	5509.9
7.5°	16252.4	15403.9	14249.9	13367.4	12281.3	11059.4	10018.5	9045.5	8174.3	6833.6	5662.6
5°	16241.1	15539.7	14323.4	13401.3	12366.1	11110.3	10097.7	9062.4	8298.8	6941.1	5753.1
2.5°	16190.2	15630.2	14442.2	13457.9	12535.8	11206.4	10250.4	9096.4	8344.0	7059.9	5815.4
0°	16376.9	15635.8	14566.7	13474.9	12649.0	11240.4	10318.3	9068.1	8281.8	7093.8	5809.7
-2.5°	15975.2	15302.1	14538.4	13327.8	12496.2	11161.2	10193.8	8977.6	8146.0	7054.2	5787.1
-5°	15907.4	15058.8	14300.8	13192.0	12241.7	10997.1	9961.9	8807.9	7931.1	6924.1	5696.6
-7.5°	15726.3	14826.9	14068.9	13084.5	12004.1	10827.4	9741.3	8632.5	7699.1	6720.5	5566.4
-10°	15330.4	14470.5	13819.9	12852.6	11715.6	10584.2	9475.4	8400.6	7427.6	6443.3	5362.8
-12.5°	14764.7	13904.8	13259.9	12360.5	11353.5	10256.1	9158.6	8100.8	7116.5	6149.1	5119.5
-15°	14125.4	13254.2	12609.4	11789.1	10816.1	9746.9	8757.0	7721.7	6760.1	5838.0	4831.0
-17.5°	13401.3	12575.4	11953.1	11155.5	10188.2	9169.9	8185.6	7246.6	6347.1	5515.5	4497.3
-20°	12564.1	11760.8	11189.5	10391.8	9503.7	8513.7	7557.7	6669.6	5860.6	5079.9	4129.6



REPORT NUMBER: P722406

CATALOG NUMBER: IFLD-S-SA6C-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°	11528.9	10821.8	10171.2	9458.4	8683.4	7778.3	6890.2	6103.9	5328.9	4565.2	3750.6
-25°	10471.0	9786.5	9153.0	8502.4	7761.3	6980.7	6222.7	5509.9	4751.8	4061.7	3382.9
-27.5°	9294.4	8683.4	8117.7	7518.1	6839.3	6166.1	5543.8	4848.0	4191.8	3603.5	3020.8
-30°	8038.5	7540.7	7048.6	6516.8	5968.1	5402.4	4848.0	4191.8	3677.0	3207.5	2715.3
-32.5°	6833.6	6386.7	5990.7	5594.7	5119.5	4655.7	4163.5	3677.0	3247.1	2834.1	2421.2
-35°	5775.8	5300.6	5079.9	4763.2	4384.1	3965.5	3563.9	3224.5	2879.4	2506.0	2138.3
-37.5°	4859.3	4553.9	4293.6	4056.0	3756.2	3394.2	3105.7	2828.5	2540.0	2200.6	1883.8
-40°	4140.9	3920.3	3660.1	3484.7	3241.4	2981.2	2692.7	2460.8	2217.5	1940.3	1680.1
-42.5°	3563.9	3382.9	3213.2	3026.5	2845.4	2624.8	2375.9	2155.3	1934.7	1731.0	1516.1
-45°	3088.7	2958.6	2822.8	2670.1	2511.7	2319.4	2115.7	1889.4	1731.0	1550.0	1369.0
-47.5°	2698.4	2602.2	2489.1	2370.3	2234.5	2064.8	1878.1	1714.1	1550.0	1397.3	1221.9
-50°	2387.2	2296.7	2206.2	2104.4	1985.6	1838.5	1697.1	1544.3	1391.6	1244.5	1080.5
-52.5°	2127.0	2047.8	1974.3	1889.4	1776.3	1651.8	1521.7	1386.0	1244.5	1097.4	967.3
-55°	1946.0	1855.5	1781.9	1697.1	1595.3	1476.5	1357.7	1233.2	1097.4	984.3	876.8
-57.5°	1798.9	1697.1	1612.2	1521.7	1419.9	1318.1	1210.6	1097.4	995.6	888.1	786.3
-60°	1674.5	1555.7	1459.5	1369.0	1272.8	1176.6	1086.1	990.0	893.8	797.6	695.8
-62.5°	1544.3	1419.9	1301.1	1216.2	1142.7	1057.9	978.7	888.1	803.3	707.1	633.6
-65°	1397.3	1278.5	1165.3	1091.8	1023.9	950.4	876.8	797.6	724.1	650.6	582.7
-67.5°	1233.2	1131.4	1052.2	984.3	916.4	854.2	786.3	718.4	656.2	582.7	514.8
-70°	1035.2	978.7	933.4	882.5	820.3	763.7	701.5	639.2	571.4	509.1	446.9
-72.5°	882.5	848.5	814.6	763.7	707.1	656.2	605.3	548.7	492.2	435.6	384.7
-75°	724.1	695.8	667.5	633.6	588.3	548.7	503.5	452.6	407.3	367.7	328.1
-77.5°	582.7	560.0	543.1	514.8	480.8	446.9	418.6	384.7	350.7	311.1	271.5
-80°	463.9	452.6	446.9	435.6	407.3	379.0	356.4	328.1	294.2	265.9	237.6
-82.5°	362.0	362.0	356.4	350.7	328.1	305.5	288.5	265.9	243.2	220.6	192.3
-85°	265.9	260.2	260.2	254.6	237.6	226.3	209.3	198.0	181.0	158.4	147.1
-87.5°	158.4	152.7	147.1	141.4	130.1	124.5	113.1	107.5	96.2	84.9	79.2
-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: P722406

CATALOG NUMBER: IFLD-S-SA6C-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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	0.0	0.0
85°	17.0	11.3	11.3	11.3	11.3	11.3	5.7	5.7	5.7	5.7	5.7
82.5°	33.9	33.9	28.3	28.3	22.6	17.0	11.3	11.3	11.3	5.7	5.7
80°	50.9	50.9	50.9	45.3	39.6	28.3	22.6	17.0	11.3	5.7	5.7
77.5°	62.2	56.6	56.6	50.9	50.9	45.3	33.9	28.3	17.0	11.3	5.7
75°	62.2	62.2	62.2	56.6	56.6	50.9	45.3	33.9	28.3	17.0	11.3
72.5°	67.9	62.2	62.2	62.2	56.6	50.9	45.3	39.6	33.9	22.6	11.3
70°	62.2	62.2	62.2	62.2	56.6	56.6	45.3	39.6	39.6	22.6	17.0
67.5°	62.2	62.2	62.2	56.6	56.6	50.9	45.3	39.6	39.6	28.3	17.0
65°	67.9	62.2	62.2	62.2	56.6	50.9	45.3	39.6	39.6	33.9	22.6
62.5°	73.5	67.9	67.9	62.2	56.6	50.9	45.3	39.6	39.6	33.9	22.6
60°	79.2	73.5	67.9	67.9	62.2	56.6	45.3	45.3	39.6	33.9	22.6
57.5°	84.9	79.2	79.2	73.5	67.9	62.2	50.9	45.3	39.6	33.9	28.3
55°	101.8	90.5	84.9	84.9	79.2	67.9	56.6	45.3	39.6	33.9	28.3
52.5°	135.8	107.5	96.2	96.2	90.5	79.2	62.2	50.9	39.6	33.9	28.3
50°	215.0	135.8	113.1	101.8	101.8	90.5	73.5	56.6	39.6	33.9	28.3
47.5°	339.4	226.3	135.8	118.8	113.1	107.5	84.9	56.6	45.3	33.9	28.3
45°	560.0	333.8	220.6	141.4	118.8	113.1	96.2	62.2	45.3	39.6	28.3
42.5°	769.3	520.4	339.4	169.7	141.4	124.5	101.8	67.9	50.9	39.6	28.3
40°	1210.6	712.8	475.2	277.2	164.1	130.1	113.1	79.2	50.9	39.6	28.3
37.5°	1640.5	944.7	639.2	407.3	186.7	147.1	118.8	84.9	56.6	39.6	33.9
35°	2070.4	1323.7	792.0	543.1	248.9	175.4	124.5	90.5	56.6	39.6	33.9
32.5°	2455.1	1680.1	950.4	678.8	373.4	209.3	135.8	96.2	62.2	45.3	33.9
30°	2771.9	2008.2	1233.2	797.6	486.5	254.6	147.1	96.2	67.9	45.3	33.9
27.5°	3009.5	2262.8	1521.7	922.1	582.7	299.8	169.7	107.5	67.9	45.3	33.9
25°	3201.8	2460.8	1776.3	1052.2	667.5	373.4	203.7	113.1	73.5	50.9	33.9
22.5°	3354.6	2624.8	1985.6	1227.6	769.3	446.9	248.9	124.5	73.5	50.9	33.9
20°	3563.9	2788.9	2127.0	1414.2	876.8	514.8	288.5	135.8	73.5	50.9	39.6
17.5°	3744.9	2952.9	2240.2	1572.6	984.3	565.7	333.8	147.1	79.2	50.9	39.6
15°	3954.2	3111.3	2342.0	1697.1	1086.1	611.0	373.4	158.4	79.2	56.6	39.6
12.5°	4180.5	3258.4	2415.5	1798.9	1193.6	650.6	407.3	181.0	84.9	56.6	39.6
10°	4412.4	3382.9	2477.7	1872.5	1272.8	690.1	429.9	203.7	90.5	56.6	39.6
7.5°	4644.4	3496.0	2556.9	1906.4	1306.8	735.4	441.2	226.3	90.5	62.2	39.6
5°	4802.8	3569.5	2670.1	1929.0	1323.7	786.3	458.2	254.6	96.2	62.2	39.6
2.5°	4938.5	3614.8	2788.9	1946.0	1329.4	814.6	452.6	271.5	101.8	62.2	39.6
0°	5000.7	3614.8	2868.1	1934.7	1312.4	842.9	452.6	288.5	101.8	62.2	39.6
-2.5°	4904.6	3716.6	2845.4	1940.3	1318.1	842.9	475.2	294.2	113.1	67.9	39.6
-5°	4751.8	3756.2	2777.6	1912.1	1306.8	842.9	503.5	299.8	118.8	67.9	45.3
-7.5°	4604.8	3773.2	2698.4	1883.8	1289.8	820.3	509.1	294.2	130.1	73.5	45.3
-10°	4412.4	3586.5	2596.5	1832.9	1255.8	803.3	520.4	294.2	135.8	73.5	45.3
-12.5°	4191.8	3360.2	2472.1	1759.3	1216.2	786.3	526.1	294.2	141.4	79.2	45.3
-15°	3937.2	3128.3	2330.7	1680.1	1159.7	763.7	514.8	288.5	147.1	79.2	50.9
-17.5°	3648.7	2902.0	2183.6	1583.9	1097.4	735.4	492.2	282.8	147.1	79.2	50.9
-20°	3320.6	2675.7	2019.5	1487.8	1023.9	701.5	469.5	271.5	147.1	79.2	50.9

REPORT NUMBER: P722406

CATALOG NUMBER: IFLD-S-SA6C-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°	3026.5	2466.4	1849.8	1380.3	944.7	661.9	441.2	260.2	147.1	84.9	50.9
-25°	2783.2	2262.8	1719.7	1272.8	859.9	616.6	413.0	248.9	147.1	84.9	50.9
-27.5°	2528.7	2042.2	1583.9	1171.0	803.3	577.0	384.7	237.6	141.4	84.9	50.9
-30°	2268.4	1827.2	1442.5	1057.9	746.7	537.4	362.0	220.6	141.4	84.9	50.9
-32.5°	2030.8	1651.8	1312.4	944.7	684.5	497.8	339.4	215.0	135.8	84.9	50.9
-35°	1798.9	1493.4	1176.6	854.2	616.6	458.2	316.8	209.3	135.8	84.9	50.9
-37.5°	1606.6	1346.4	1052.2	792.0	577.0	424.3	294.2	198.0	130.1	84.9	50.9
-40°	1448.2	1210.6	933.4	724.1	543.1	390.3	271.5	192.3	130.1	84.9	50.9
-42.5°	1301.1	1080.5	859.9	667.5	509.1	367.7	254.6	186.7	124.5	84.9	50.9
-45°	1171.0	967.3	786.3	616.6	469.5	339.4	243.2	175.4	118.8	84.9	56.6
-47.5°	1040.9	888.1	718.4	571.4	429.9	305.5	231.9	169.7	113.1	79.2	56.6
-50°	939.1	803.3	661.9	520.4	390.3	294.2	220.6	158.4	113.1	79.2	56.6
-52.5°	848.5	724.1	599.6	469.5	356.4	277.2	209.3	147.1	107.5	79.2	56.6
-55°	763.7	650.6	537.4	418.6	333.8	260.2	192.3	135.8	107.5	79.2	56.6
-57.5°	678.8	582.7	475.2	379.0	305.5	243.2	181.0	135.8	107.5	79.2	56.6
-60°	611.0	520.4	429.9	350.7	282.8	220.6	164.1	130.1	101.8	79.2	56.6
-62.5°	554.4	469.5	390.3	316.8	260.2	198.0	158.4	130.1	101.8	79.2	50.9
-65°	497.8	424.3	350.7	288.5	231.9	186.7	152.7	124.5	101.8	79.2	50.9
-67.5°	441.2	373.4	316.8	254.6	215.0	181.0	147.1	124.5	96.2	73.5	50.9
-70°	384.7	328.1	277.2	237.6	203.7	169.7	141.4	118.8	96.2	67.9	45.3
-72.5°	339.4	288.5	248.9	220.6	192.3	164.1	135.8	113.1	90.5	62.2	39.6
-75°	288.5	254.6	226.3	198.0	175.4	152.7	130.1	101.8	79.2	56.6	39.6
-77.5°	243.2	220.6	198.0	181.0	158.4	135.8	113.1	90.5	73.5	50.9	33.9
-80°	209.3	192.3	175.4	158.4	141.4	118.8	101.8	79.2	62.2	45.3	28.3
-82.5°	169.7	158.4	141.4	130.1	118.8	101.8	84.9	67.9	45.3	33.9	22.6
-85°	130.1	118.8	113.1	101.8	90.5	73.5	56.6	45.3	33.9	22.6	11.3
-87.5°	67.9	62.2	56.6	50.9	45.3	33.9	28.3	22.6	17.0	11.3	5.7
-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: P722406

CATALOG NUMBER: IFLD-S-SA6C-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°	5.7	0.0	0.0	0.0
77.5°	5.7	0.0	0.0	0.0
75°	5.7	5.7	0.0	0.0
72.5°	5.7	5.7	0.0	0.0
70°	5.7	5.7	0.0	0.0
67.5°	11.3	5.7	0.0	0.0
65°	11.3	5.7	0.0	0.0
62.5°	11.3	5.7	0.0	0.0
60°	11.3	5.7	0.0	0.0
57.5°	17.0	5.7	5.7	0.0
55°	17.0	5.7	5.7	0.0
52.5°	17.0	5.7	5.7	0.0
50°	17.0	11.3	5.7	0.0
47.5°	17.0	11.3	5.7	0.0
45°	17.0	11.3	5.7	0.0
42.5°	17.0	11.3	5.7	0.0
40°	22.6	11.3	5.7	0.0
37.5°	22.6	11.3	5.7	0.0
35°	22.6	11.3	5.7	0.0
32.5°	22.6	11.3	5.7	0.0
30°	22.6	11.3	5.7	0.0
27.5°	22.6	17.0	5.7	0.0
25°	22.6	17.0	5.7	0.0
22.5°	28.3	17.0	5.7	0.0
20°	28.3	17.0	5.7	0.0
17.5°	28.3	17.0	5.7	0.0
15°	28.3	17.0	5.7	0.0
12.5°	28.3	17.0	5.7	0.0
10°	28.3	17.0	5.7	0.0
7.5°	28.3	17.0	5.7	0.0
5°	28.3	17.0	5.7	0.0
2.5°	28.3	17.0	5.7	0.0
0°	28.3	17.0	5.7	0.0
-2.5°	28.3	17.0	5.7	0.0
-5°	28.3	17.0	5.7	0.0
-7.5°	28.3	17.0	5.7	0.0
-10°	28.3	17.0	5.7	0.0
-12.5°	33.9	17.0	5.7	0.0
-15°	33.9	17.0	5.7	0.0
-17.5°	33.9	17.0	5.7	0.0
-20°	33.9	17.0	5.7	0.0



REPORT NUMBER: P722406

CATALOG NUMBER: IFLD-S-SA6C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	33.9	17.0	5.7	0.0
-25°	33.9	17.0	5.7	0.0
-27.5°	33.9	17.0	5.7	0.0
-30°	33.9	17.0	5.7	0.0
-32.5°	33.9	17.0	5.7	0.0
-35°	33.9	17.0	5.7	0.0
-37.5°	33.9	17.0	5.7	0.0
-40°	33.9	17.0	5.7	0.0
-42.5°	28.3	17.0	5.7	0.0
-45°	33.9	17.0	5.7	0.0
-47.5°	33.9	17.0	5.7	0.0
-50°	33.9	17.0	5.7	0.0
-52.5°	33.9	17.0	5.7	0.0
-55°	33.9	17.0	5.7	0.0
-57.5°	33.9	17.0	5.7	0.0
-60°	33.9	17.0	5.7	0.0
-62.5°	28.3	17.0	5.7	0.0
-65°	28.3	11.3	5.7	0.0
-67.5°	28.3	11.3	5.7	0.0
-70°	28.3	11.3	5.7	0.0
-72.5°	22.6	11.3	5.7	0.0
-75°	22.6	11.3	5.7	0.0
-77.5°	17.0	5.7	0.0	0.0
-80°	17.0	5.7	0.0	0.0
-82.5°	11.3	5.7	0.0	0.0
-85°	5.7	5.7	0.0	0.0
-87.5°	5.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)