

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: P722375

Luminaire Tested: **IFLD-S-SA6A-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722375
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	20328.7 lumens	Max Intensity:	14191.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	107.2 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:	12968.8 lumens	Field Lumens:	19165.4 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

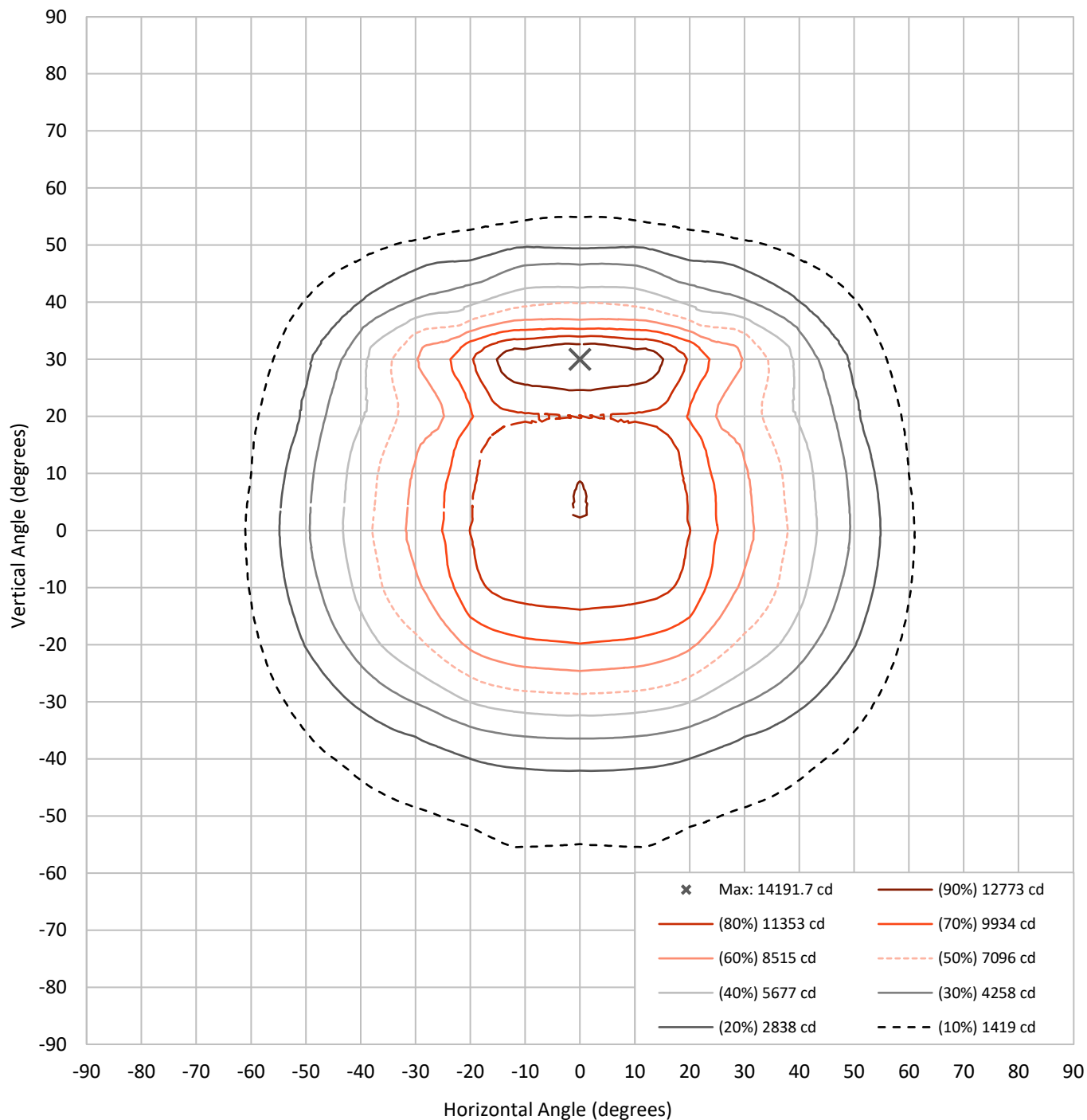
Input Watts (W): 189.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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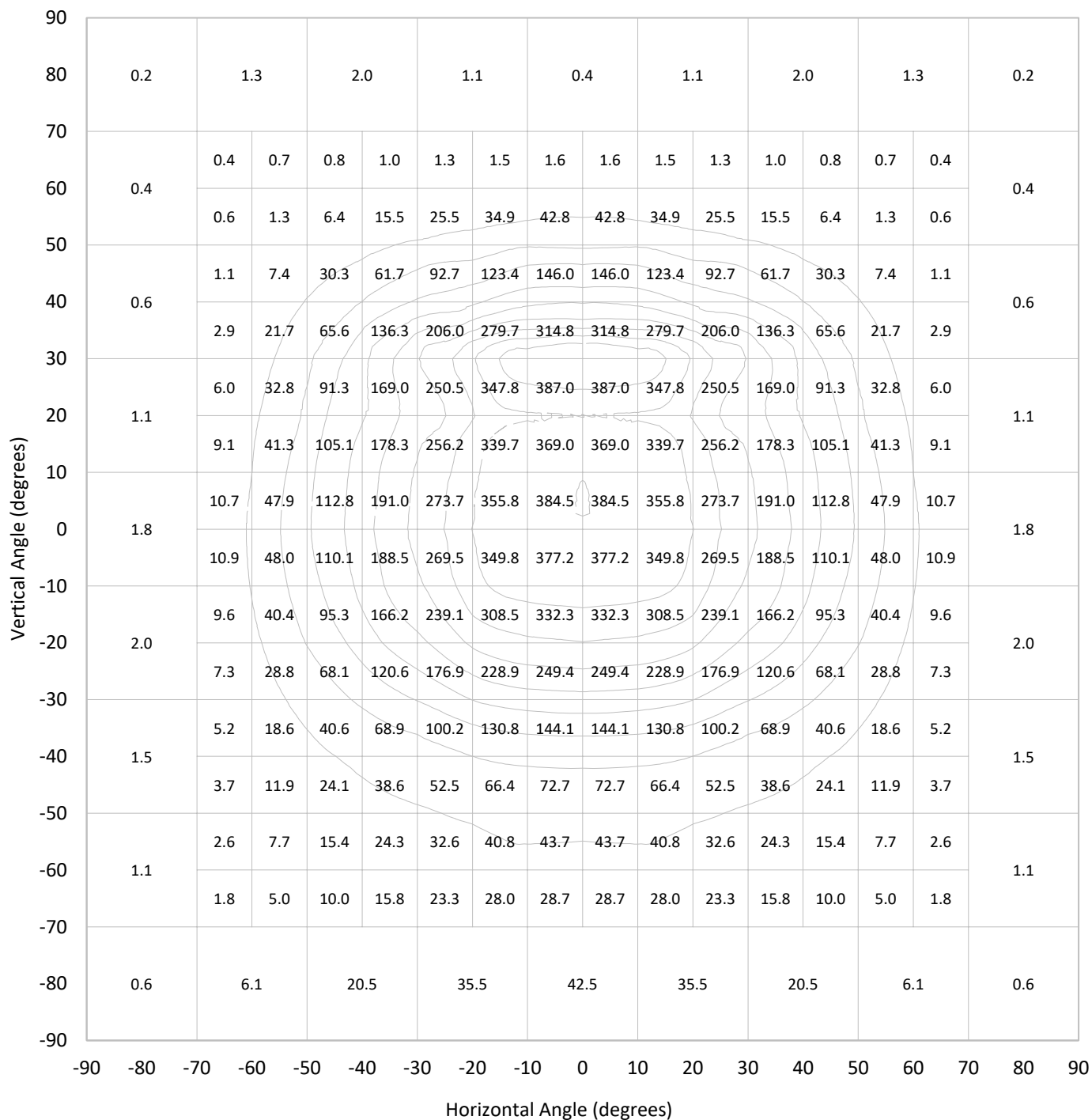
Iso-Candela Plot



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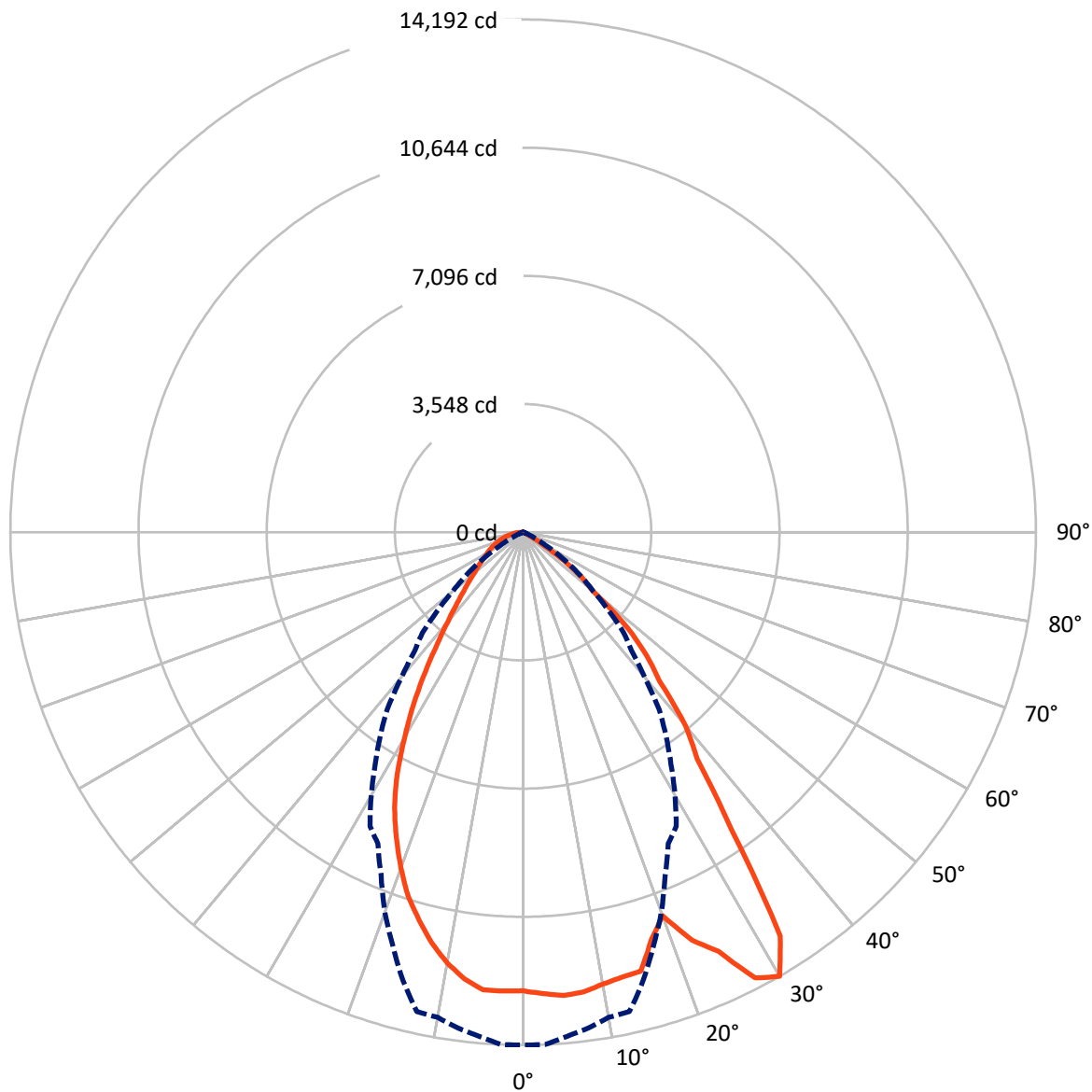
Lumen Table



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Luminous Intensity Polar Plot

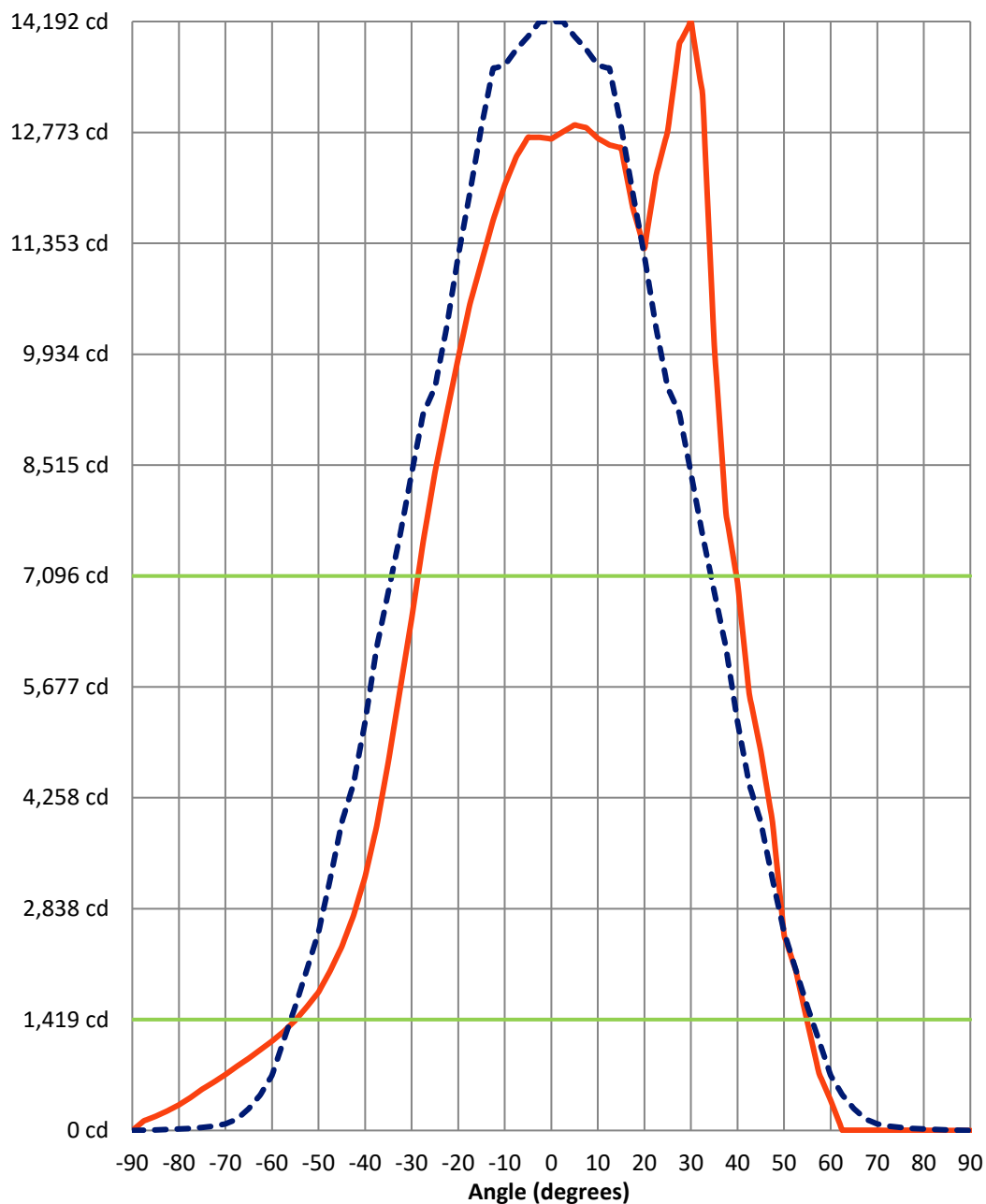


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 12968.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 19165.4

Efficiency: 94.3%

Spill:

Lumens: 1163.3

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	3.2	3.2	3.2	3.2	3.2	3.2	3.2
85°	0.0	3.2	3.2	3.2	6.5	6.5	6.5	6.5	6.5	6.5	9.7
82.5°	0.0	3.2	3.2	3.2	6.5	6.5	6.5	6.5	9.7	9.7	12.9
80°	3.2	3.2	3.2	3.2	6.5	6.5	6.5	9.7	9.7	12.9	12.9
77.5°	3.2	3.2	3.2	6.5	6.5	6.5	9.7	9.7	12.9	12.9	16.2
75°	3.2	3.2	3.2	6.5	6.5	9.7	9.7	9.7	12.9	12.9	16.2
72.5°	0.0	3.2	3.2	6.5	6.5	9.7	9.7	9.7	12.9	12.9	12.9
70°	3.2	3.2	3.2	6.5	6.5	9.7	9.7	9.7	12.9	12.9	12.9
67.5°	3.2	3.2	3.2	6.5	6.5	9.7	9.7	12.9	12.9	12.9	16.2
65°	3.2	3.2	3.2	6.5	9.7	9.7	12.9	16.2	16.2	19.4	22.7
62.5°	3.2	6.5	6.5	9.7	12.9	16.2	35.6	55.0	55.0	38.8	32.4
60°	385.1	417.5	414.3	375.4	326.9	275.1	265.4	255.7	236.3	207.1	216.8
57.5°	731.4	770.3	786.4	776.7	750.8	705.5	679.6	650.5	611.7	566.4	514.6
55°	1385.2	1401.4	1365.8	1297.8	1223.4	1148.9	1123.0	1084.2	1025.9	967.7	890.0
52.5°	2048.7	2103.7	2087.5	2019.5	1919.2	1786.5	1640.9	1527.6	1459.6	1394.9	1317.2
50°	2501.7	2524.4	2569.7	2650.6	2679.8	2589.1	2352.9	2048.7	1831.8	1941.8	1857.7
47.5°	3948.4	4061.7	4039.0	3980.8	3883.7	3637.7	3307.6	3035.8	2809.2	2734.8	2747.7
45°	4851.4	4896.7	4880.5	4854.6	4809.3	4579.5	4213.8	3796.3	3585.9	3501.8	3414.4
42.5°	5592.5	5641.1	5650.8	5654.0	5605.5	5395.1	5065.0	4647.5	4437.1	4194.4	4003.4
40°	7006.8	7078.0	6997.1	6890.3	6728.5	6489.0	6165.4	5780.2	5408.1	5110.3	4883.8
37.5°	7909.8	7997.2	8029.5	8023.1	7987.5	7883.9	7485.8	7120.1	6550.5	5883.8	6003.6
35°	10052.3	10142.9	10117.0	10019.9	9968.2	9858.1	9469.8	9036.1	8320.8	7595.9	7401.7
32.5°	13246.7	13444.1	13075.1	12670.6	12421.4	12508.7	12113.9	11052.4	10722.2	9414.7	8809.5
30°	14191.7	14188.4	14000.7	13835.7	13631.8	13589.7	12845.3	11997.4	11188.3	10272.4	9508.6
27.5°	13903.6	13845.4	13686.8	13567.1	13376.1	13275.8	12547.6	11874.4	10939.1	10120.3	9382.4
25°	12793.6	12838.9	12677.0	12654.4	12579.9	12385.8	12023.3	11266.0	10431.0	9524.8	8994.0
22.5°	12220.7	12204.5	12010.3	11897.1	11987.7	11780.6	11634.9	10871.1	10000.5	9236.7	8599.2
20°	11288.6	11291.9	11243.3	11233.6	11178.6	11084.7	10968.2	10427.7	9812.8	9159.1	8392.0
17.5°	11809.7	11942.4	12000.6	11518.4	11654.3	11547.5	11424.5	10670.5	10207.7	9628.3	8628.3
15°	12573.5	12524.9	12466.7	12440.8	12366.3	12266.0	12042.7	11440.7	10644.6	10045.8	9265.9
12.5°	12612.3	12518.5	12495.8	12492.6	12414.9	12275.7	12058.9	11560.5	10854.9	10126.7	9492.4
10°	12696.5	12599.4	12586.4	12602.6	12482.9	12395.5	12178.6	11715.8	10919.7	10265.9	9667.2
7.5°	12832.4	12670.6	12745.0	12696.5	12641.4	12502.3	12269.3	11816.2	11155.9	10450.4	9822.5
5°	12868.0	12690.0	12770.9	12725.6	12644.7	12508.7	12256.3	11880.9	11301.6	10524.8	9884.0
2.5°	12780.6	12728.8	12693.2	12609.1	12573.5	12424.6	12185.1	11783.8	11233.6	10492.5	9871.1
0°	12690.0	12735.3	12654.4	12570.2	12554.1	12434.3	12230.4	11867.9	11392.2	10583.1	9981.1
-2.5°	12709.4	12673.8	12618.8	12531.4	12447.3	12275.7	12091.3	11751.4	11240.1	10385.7	9825.8
-5°	12709.4	12544.3	12550.8	12554.1	12469.9	12291.9	12068.6	11780.6	11149.5	10382.4	9780.4
-7.5°	12463.4	12321.0	12298.4	12279.0	12256.3	12091.3	11916.5	11557.2	10997.3	10298.3	9654.2
-10°	12101.0	11961.8	11974.7	11945.6	11874.4	11764.4	11631.7	11308.0	10848.5	10032.9	9398.6
-12.5°	11647.9	11586.4	11550.8	11502.2	11431.0	11333.9	11198.0	10893.8	10401.8	9706.0	9104.0
-15°	11110.6	11065.3	11032.9	11003.8	10900.2	10799.9	10621.9	10340.3	10032.9	9285.3	8670.4
-17.5°	10573.4	10460.1	10414.8	10376.0	10308.0	10146.2	9984.3	9774.0	9343.5	8751.3	8223.7
-20°	9884.0	9816.1	9761.0	9709.2	9612.2	9485.9	9353.2	9110.5	8738.3	8259.3	7712.4

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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°	9162.3	9123.5	9078.1	9013.4	8948.7	8828.9	8644.5	8411.4	8120.2	7602.3	7091.0
-25°	8417.9	8343.5	8288.5	8227.0	8175.2	8065.1	7887.1	7663.8	7298.1	6851.5	6424.3
-27.5°	7540.8	7469.6	7440.5	7369.3	7324.0	7223.7	7045.7	6838.5	6508.4	6133.0	5699.3
-30°	6550.5	6563.5	6531.1	6463.1	6408.1	6278.6	6142.7	5968.0	5709.0	5349.8	4961.4
-32.5°	5634.6	5650.8	5611.9	5540.7	5469.5	5375.7	5249.5	5090.9	4896.7	4553.6	4217.1
-35°	4718.7	4712.2	4679.9	4637.8	4589.2	4511.6	4369.2	4249.4	4026.1	3786.6	3553.6
-37.5°	3896.6	3912.8	3903.1	3880.5	3825.4	3760.7	3644.2	3534.2	3369.1	3158.7	2977.5
-40°	3246.1	3265.5	3252.6	3229.9	3181.4	3142.6	3064.9	2967.8	2835.1	2653.9	2501.7
-42.5°	2747.7	2760.7	2744.5	2725.1	2683.0	2653.9	2592.4	2511.5	2401.4	2262.3	2126.3
-45°	2352.9	2356.1	2339.9	2327.0	2294.6	2259.0	2207.2	2142.5	2055.1	1958.0	1848.0
-47.5°	2042.2	2038.9	2022.8	2009.8	1983.9	1951.6	1909.5	1851.2	1783.3	1708.8	1621.4
-50°	1770.3	1786.5	1780.0	1767.1	1747.7	1725.0	1682.9	1621.4	1553.5	1498.5	1437.0
-52.5°	1582.6	1585.8	1582.6	1582.6	1579.4	1563.2	1514.6	1453.2	1378.7	1330.2	1278.4
-55°	1407.8	1424.0	1430.5	1437.0	1440.2	1440.2	1381.9	1317.2	1246.0	1197.5	1158.6
-57.5°	1265.4	1275.1	1281.6	1297.8	1310.7	1320.5	1268.7	1210.4	1155.4	1110.1	1074.5
-60°	1142.5	1155.4	1165.1	1181.3	1191.0	1197.5	1165.1	1126.3	1093.9	1064.8	1013.0
-62.5°	1032.4	1042.1	1051.8	1061.5	1071.3	1077.7	1064.8	1045.4	1029.2	1016.2	951.5
-65°	922.4	932.1	941.8	954.7	964.5	970.9	967.7	954.7	941.8	928.9	870.6
-67.5°	822.0	831.8	844.7	847.9	854.4	857.7	851.2	841.5	825.3	809.1	763.8
-70°	715.2	721.7	728.2	728.2	728.2	725.0	718.5	705.5	689.4	666.7	631.1
-72.5°	618.2	624.6	631.1	621.4	614.9	605.2	595.5	579.3	563.1	547.0	527.5
-75°	527.5	530.8	530.8	517.8	508.1	498.4	485.5	475.8	459.6	446.6	430.4
-77.5°	420.7	420.7	420.7	411.0	404.6	398.1	388.4	378.7	365.7	356.0	343.1
-80°	326.9	326.9	326.9	323.6	313.9	307.5	301.0	294.5	284.8	278.3	271.9
-82.5°	249.2	249.2	249.2	246.0	239.5	236.3	229.8	223.3	220.1	213.6	210.4
-85°	181.2	184.5	184.5	181.2	178.0	171.5	168.3	165.1	161.8	158.6	152.1
-87.5°	123.0	123.0	123.0	119.7	116.5	116.5	113.3	106.8	100.3	97.1	93.9
-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°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
85°	9.7	9.7	9.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	9.7
82.5°	16.2	16.2	19.4	19.4	22.7	22.7	22.7	22.7	22.7	22.7	22.7
80°	16.2	19.4	22.7	25.9	29.1	32.4	32.4	32.4	32.4	29.1	29.1
77.5°	19.4	19.4	22.7	25.9	29.1	32.4	35.6	38.8	35.6	35.6	35.6
75°	19.4	22.7	22.7	25.9	29.1	32.4	35.6	38.8	38.8	38.8	38.8
72.5°	16.2	19.4	22.7	25.9	25.9	29.1	32.4	32.4	35.6	35.6	38.8
70°	16.2	19.4	22.7	22.7	25.9	25.9	29.1	32.4	32.4	35.6	35.6
67.5°	19.4	22.7	22.7	25.9	29.1	29.1	29.1	32.4	32.4	35.6	35.6
65°	22.7	25.9	25.9	29.1	32.4	32.4	35.6	35.6	35.6	38.8	38.8
62.5°	38.8	38.8	38.8	35.6	38.8	38.8	38.8	42.1	42.1	38.8	42.1
60°	200.7	145.6	100.3	126.2	113.3	51.8	51.8	51.8	48.5	48.5	45.3
57.5°	472.5	440.2	378.7	320.4	288.0	255.7	158.6	64.7	64.7	58.3	51.8
55°	789.7	682.9	637.6	559.9	475.8	436.9	362.5	246.0	116.5	77.7	68.0
52.5°	1223.4	1123.0	1006.5	847.9	734.7	644.0	582.6	462.8	310.7	165.1	103.6
50°	1637.6	1592.3	1521.1	1365.8	1129.5	977.4	877.1	741.1	556.7	339.8	194.2
47.5°	2637.7	2259.0	2029.2	1909.5	1712.1	1424.0	1229.8	1077.7	854.4	572.8	343.1
45°	3320.6	3081.1	2715.4	2462.9	2171.6	1867.4	1615.0	1440.2	1174.8	857.7	537.2
42.5°	3906.4	3699.2	3369.1	3000.2	2692.7	2294.6	1971.0	1741.2	1517.9	1171.6	802.6
40°	4660.4	4414.5	4097.3	3738.1	3378.8	2870.7	2346.4	2068.1	1822.1	1514.6	1084.2
37.5°	5903.2	5469.5	4951.7	4553.6	4084.4	3653.9	2935.4	2443.5	2152.2	1831.8	1414.3
35°	7398.4	6922.7	6058.6	5531.0	4903.2	4262.4	3615.1	2886.9	2472.6	2132.8	1718.5
32.5°	8790.1	8094.3	6987.4	6369.3	5951.8	4770.5	4100.5	3469.4	2802.7	2385.2	1893.3
30°	9175.2	8408.2	7615.3	6893.6	6181.6	5226.8	4433.9	3942.0	3217.0	2537.4	2058.4
27.5°	8786.9	8259.3	7644.4	6974.5	6204.2	5385.4	4637.8	4168.5	3521.2	2640.9	2187.8
25°	8392.0	7841.8	7411.4	6851.5	6139.5	5375.7	4644.3	4310.9	3757.5	2841.6	2259.0
22.5°	7974.5	7631.5	7275.5	6650.8	5977.7	5404.8	4854.6	4433.9	3880.5	3068.1	2288.1
20°	7997.2	7773.9	7382.3	6547.3	5948.5	5576.3	5107.1	4589.2	4013.2	3265.5	2310.8
17.5°	8359.7	8068.4	7576.5	6851.5	6210.7	5751.1	5317.4	4802.8	4149.1	3440.3	2585.9
15°	8806.3	8362.9	7848.3	7210.7	6485.8	5942.1	5479.3	4951.7	4304.4	3602.1	2831.9
12.5°	9129.9	8498.8	8016.6	7440.5	6783.5	6149.2	5586.1	5065.0	4450.1	3734.8	3016.3
10°	9240.0	8667.1	8097.5	7582.9	6935.6	6259.2	5667.0	5136.2	4576.3	3838.4	3152.3
7.5°	9298.2	8812.8	8152.5	7647.7	7026.3	6327.2	5731.7	5175.0	4676.6	3909.6	3239.7
5°	9291.8	8890.4	8194.6	7667.1	7074.8	6356.3	5777.0	5184.7	4747.8	3971.1	3291.4
2.5°	9262.6	8942.2	8262.6	7699.4	7171.9	6411.3	5864.4	5204.2	4773.7	4039.0	3327.0
0°	9369.4	8945.5	8333.8	7709.1	7236.6	6430.8	5903.2	5188.0	4738.1	4058.5	3323.8
-2.5°	9139.6	8754.5	8317.6	7625.0	7149.2	6385.4	5832.0	5136.2	4660.4	4035.8	3310.9
-5°	9100.8	8615.3	8181.7	7547.3	7003.6	6291.6	5699.3	5039.1	4537.5	3961.4	3259.1
-7.5°	8997.2	8482.6	8049.0	7485.8	6867.7	6194.5	5573.1	4938.8	4404.8	3844.9	3184.6
-10°	8770.7	8278.8	7906.6	7353.1	6702.6	6055.3	5421.0	4806.1	4249.4	3686.3	3068.1
-12.5°	8447.0	7955.1	7586.2	7071.6	6495.5	5867.6	5239.8	4634.5	4071.4	3518.0	2929.0
-15°	8081.3	7582.9	7214.0	6744.7	6188.0	5576.3	5010.0	4417.7	3867.5	3340.0	2763.9
-17.5°	7667.1	7194.6	6838.5	6382.2	5828.8	5246.2	4683.1	4145.8	3631.3	3155.5	2573.0
-20°	7188.1	6728.5	6401.6	5945.3	5437.2	4870.8	4323.9	3815.7	3352.9	2906.3	2362.6

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CATALOG NUMBER: IFLD-S-SA6A-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°	6595.8	6191.3	5819.1	5411.3	4967.9	4450.1	3942.0	3492.1	3048.7	2611.8	2145.7
-25°	5990.6	5599.0	5236.5	4864.3	4440.4	3993.7	3560.1	3152.3	2718.6	2323.7	1935.4
-27.5°	5317.4	4967.9	4644.3	4301.2	3912.8	3527.7	3171.7	2773.6	2398.2	2061.6	1728.2
-30°	4598.9	4314.1	4032.6	3728.4	3414.4	3090.8	2773.6	2398.2	2103.7	1835.0	1553.5
-32.5°	3909.6	3653.9	3427.4	3200.8	2929.0	2663.6	2382.0	2103.7	1857.7	1621.4	1385.2
-35°	3304.4	3032.5	2906.3	2725.1	2508.2	2268.7	2038.9	1844.8	1647.3	1433.7	1223.4
-37.5°	2780.1	2605.3	2456.4	2320.5	2149.0	1941.8	1776.8	1618.2	1453.2	1259.0	1077.7
-40°	2369.1	2242.8	2094.0	1993.6	1854.5	1705.6	1540.5	1407.8	1268.7	1110.1	961.2
-42.5°	2038.9	1935.4	1838.3	1731.5	1627.9	1501.7	1359.3	1233.1	1106.9	990.3	867.4
-45°	1767.1	1692.6	1615.0	1527.6	1437.0	1326.9	1210.4	1081.0	990.3	886.8	783.2
-47.5°	1543.8	1488.8	1424.0	1356.1	1278.4	1181.3	1074.5	980.6	886.8	799.4	699.1
-50°	1365.8	1314.0	1262.2	1203.9	1136.0	1051.8	970.9	883.5	796.2	712.0	618.2
-52.5°	1216.9	1171.6	1129.5	1081.0	1016.2	945.0	870.6	792.9	712.0	627.9	553.4
-55°	1113.3	1061.5	1019.5	970.9	912.7	844.7	776.7	705.5	627.9	563.1	501.6
-57.5°	1029.2	970.9	922.4	870.6	812.3	754.1	692.6	627.9	569.6	508.1	449.9
-60°	958.0	890.0	835.0	783.2	728.2	673.2	621.4	566.4	511.4	456.3	398.1
-62.5°	883.5	812.3	744.4	695.8	653.8	605.2	559.9	508.1	459.6	404.6	362.5
-65°	799.4	731.4	666.7	624.6	585.8	543.7	501.6	456.3	414.3	372.2	333.4
-67.5°	705.5	647.3	602.0	563.1	524.3	488.7	449.9	411.0	375.4	333.4	294.5
-70°	592.3	559.9	534.0	504.9	469.3	436.9	401.3	365.7	326.9	291.3	255.7
-72.5°	504.9	485.5	466.0	436.9	404.6	375.4	346.3	313.9	281.6	249.2	220.1
-75°	414.3	398.1	381.9	362.5	336.6	313.9	288.0	258.9	233.0	210.4	187.7
-77.5°	333.4	320.4	310.7	294.5	275.1	255.7	239.5	220.1	200.7	178.0	155.3
-80°	265.4	258.9	255.7	249.2	233.0	216.8	203.9	187.7	168.3	152.1	135.9
-82.5°	207.1	207.1	203.9	200.7	187.7	174.8	165.1	152.1	139.2	126.2	110.0
-85°	152.1	148.9	148.9	145.6	135.9	129.5	119.7	113.3	103.6	90.6	84.1
-87.5°	90.6	87.4	84.1	80.9	74.4	71.2	64.7	61.5	55.0	48.5	45.3
-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: P722375

CATALOG NUMBER: IFLD-S-SA6A-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°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	0.0	0.0
85°	9.7	6.5	6.5	6.5	6.5	6.5	3.2	3.2	3.2	3.2	3.2
82.5°	19.4	19.4	16.2	16.2	12.9	9.7	6.5	6.5	6.5	3.2	3.2
80°	29.1	29.1	29.1	25.9	22.7	16.2	12.9	9.7	6.5	3.2	3.2
77.5°	35.6	32.4	32.4	29.1	29.1	25.9	19.4	16.2	9.7	6.5	3.2
75°	35.6	35.6	35.6	32.4	32.4	29.1	25.9	19.4	16.2	9.7	6.5
72.5°	38.8	35.6	35.6	35.6	32.4	29.1	25.9	22.7	19.4	12.9	6.5
70°	35.6	35.6	35.6	35.6	32.4	32.4	25.9	22.7	22.7	12.9	9.7
67.5°	35.6	35.6	35.6	32.4	32.4	29.1	25.9	22.7	22.7	16.2	9.7
65°	38.8	35.6	35.6	35.6	32.4	29.1	25.9	22.7	22.7	19.4	12.9
62.5°	42.1	38.8	38.8	35.6	32.4	29.1	25.9	22.7	22.7	19.4	12.9
60°	45.3	42.1	38.8	38.8	35.6	32.4	25.9	25.9	22.7	19.4	12.9
57.5°	48.5	45.3	45.3	42.1	38.8	35.6	29.1	25.9	22.7	19.4	16.2
55°	58.3	51.8	48.5	48.5	45.3	38.8	32.4	25.9	22.7	19.4	16.2
52.5°	77.7	61.5	55.0	55.0	51.8	45.3	35.6	29.1	22.7	19.4	16.2
50°	123.0	77.7	64.7	58.3	58.3	51.8	42.1	32.4	22.7	19.4	16.2
47.5°	194.2	129.5	77.7	68.0	64.7	61.5	48.5	32.4	25.9	19.4	16.2
45°	320.4	190.9	126.2	80.9	68.0	64.7	55.0	35.6	25.9	22.7	16.2
42.5°	440.2	297.8	194.2	97.1	80.9	71.2	58.3	38.8	29.1	22.7	16.2
40°	692.6	407.8	271.9	158.6	93.9	74.4	64.7	45.3	29.1	22.7	16.2
37.5°	938.6	540.5	365.7	233.0	106.8	84.1	68.0	48.5	32.4	22.7	19.4
35°	1184.5	757.3	453.1	310.7	142.4	100.3	71.2	51.8	32.4	22.7	19.4
32.5°	1404.6	961.2	543.7	388.4	213.6	119.7	77.7	55.0	35.6	25.9	19.4
30°	1585.8	1148.9	705.5	456.3	278.3	145.6	84.1	55.0	38.8	25.9	19.4
27.5°	1721.8	1294.6	870.6	527.5	333.4	171.5	97.1	61.5	38.8	25.9	19.4
25°	1831.8	1407.8	1016.2	602.0	381.9	213.6	116.5	64.7	42.1	29.1	19.4
22.5°	1919.2	1501.7	1136.0	702.3	440.2	255.7	142.4	71.2	42.1	29.1	19.4
20°	2038.9	1595.6	1216.9	809.1	501.6	294.5	165.1	77.7	42.1	29.1	22.7
17.5°	2142.5	1689.4	1281.6	899.7	563.1	323.6	190.9	84.1	45.3	29.1	22.7
15°	2262.3	1780.0	1339.9	970.9	621.4	349.5	213.6	90.6	45.3	32.4	22.7
12.5°	2391.7	1864.2	1381.9	1029.2	682.9	372.2	233.0	103.6	48.5	32.4	22.7
10°	2524.4	1935.4	1417.6	1071.3	728.2	394.8	246.0	116.5	51.8	32.4	22.7
7.5°	2657.1	2000.1	1462.9	1090.7	747.6	420.7	252.4	129.5	51.8	35.6	22.7
5°	2747.7	2042.2	1527.6	1103.6	757.3	449.9	262.1	145.6	55.0	35.6	22.7
2.5°	2825.4	2068.1	1595.6	1113.3	760.6	466.0	258.9	155.3	58.3	35.6	22.7
0°	2861.0	2068.1	1640.9	1106.9	750.8	482.2	258.9	165.1	58.3	35.6	22.7
-2.5°	2806.0	2126.3	1627.9	1110.1	754.1	482.2	271.9	168.3	64.7	38.8	22.7
-5°	2718.6	2149.0	1589.1	1093.9	747.6	482.2	288.0	171.5	68.0	38.8	25.9
-7.5°	2634.4	2158.7	1543.8	1077.7	737.9	469.3	291.3	168.3	74.4	42.1	25.9
-10°	2524.4	2051.9	1485.5	1048.6	718.5	459.6	297.8	168.3	77.7	42.1	25.9
-12.5°	2398.2	1922.4	1414.3	1006.5	695.8	449.9	301.0	168.3	80.9	45.3	25.9
-15°	2252.5	1789.7	1333.4	961.2	663.5	436.9	294.5	165.1	84.1	45.3	29.1
-17.5°	2087.5	1660.3	1249.3	906.2	627.9	420.7	281.6	161.8	84.1	45.3	29.1
-20°	1899.8	1530.8	1155.4	851.2	585.8	401.3	268.6	155.3	84.1	45.3	29.1

REPORT NUMBER: P722375

CATALOG NUMBER: IFLD-S-SA6A-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°	1731.5	1411.1	1058.3	789.7	540.5	378.7	252.4	148.9	84.1	48.5	29.1
-25°	1592.3	1294.6	983.9	728.2	491.9	352.8	236.3	142.4	84.1	48.5	29.1
-27.5°	1446.7	1168.3	906.2	669.9	459.6	330.1	220.1	135.9	80.9	48.5	29.1
-30°	1297.8	1045.4	825.3	605.2	427.2	307.5	207.1	126.2	80.9	48.5	29.1
-32.5°	1161.9	945.0	750.8	540.5	391.6	284.8	194.2	123.0	77.7	48.5	29.1
-35°	1029.2	854.4	673.2	488.7	352.8	262.1	181.2	119.7	77.7	48.5	29.1
-37.5°	919.1	770.3	602.0	453.1	330.1	242.7	168.3	113.3	74.4	48.5	29.1
-40°	828.5	692.6	534.0	414.3	310.7	223.3	155.3	110.0	74.4	48.5	29.1
-42.5°	744.4	618.2	491.9	381.9	291.3	210.4	145.6	106.8	71.2	48.5	29.1
-45°	669.9	553.4	449.9	352.8	268.6	194.2	139.2	100.3	68.0	48.5	32.4
-47.5°	595.5	508.1	411.0	326.9	246.0	174.8	132.7	97.1	64.7	45.3	32.4
-50°	537.2	459.6	378.7	297.8	223.3	168.3	126.2	90.6	64.7	45.3	32.4
-52.5°	485.5	414.3	343.1	268.6	203.9	158.6	119.7	84.1	61.5	45.3	32.4
-55°	436.9	372.2	307.5	239.5	190.9	148.9	110.0	77.7	61.5	45.3	32.4
-57.5°	388.4	333.4	271.9	216.8	174.8	139.2	103.6	77.7	61.5	45.3	32.4
-60°	349.5	297.8	246.0	200.7	161.8	126.2	93.9	74.4	58.3	45.3	32.4
-62.5°	317.2	268.6	223.3	181.2	148.9	113.3	90.6	74.4	58.3	45.3	29.1
-65°	284.8	242.7	200.7	165.1	132.7	106.8	87.4	71.2	58.3	45.3	29.1
-67.5°	252.4	213.6	181.2	145.6	123.0	103.6	84.1	71.2	55.0	42.1	29.1
-70°	220.1	187.7	158.6	135.9	116.5	97.1	80.9	68.0	55.0	38.8	25.9
-72.5°	194.2	165.1	142.4	126.2	110.0	93.9	77.7	64.7	51.8	35.6	22.7
-75°	165.1	145.6	129.5	113.3	100.3	87.4	74.4	58.3	45.3	32.4	22.7
-77.5°	139.2	126.2	113.3	103.6	90.6	77.7	64.7	51.8	42.1	29.1	19.4
-80°	119.7	110.0	100.3	90.6	80.9	68.0	58.3	45.3	35.6	25.9	16.2
-82.5°	97.1	90.6	80.9	74.4	68.0	58.3	48.5	38.8	25.9	19.4	12.9
-85°	74.4	68.0	64.7	58.3	51.8	42.1	32.4	25.9	19.4	12.9	6.5
-87.5°	38.8	35.6	32.4	29.1	25.9	19.4	16.2	12.9	9.7	6.5	3.2
-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: P722375

CATALOG NUMBER: IFLD-S-SA6A-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°	3.2	0.0	0.0	0.0
77.5°	3.2	0.0	0.0	0.0
75°	3.2	3.2	0.0	0.0
72.5°	3.2	3.2	0.0	0.0
70°	3.2	3.2	0.0	0.0
67.5°	6.5	3.2	0.0	0.0
65°	6.5	3.2	0.0	0.0
62.5°	6.5	3.2	0.0	0.0
60°	6.5	3.2	0.0	0.0
57.5°	9.7	3.2	3.2	0.0
55°	9.7	3.2	3.2	0.0
52.5°	9.7	3.2	3.2	0.0
50°	9.7	6.5	3.2	0.0
47.5°	9.7	6.5	3.2	0.0
45°	9.7	6.5	3.2	0.0
42.5°	9.7	6.5	3.2	0.0
40°	12.9	6.5	3.2	0.0
37.5°	12.9	6.5	3.2	0.0
35°	12.9	6.5	3.2	0.0
32.5°	12.9	6.5	3.2	0.0
30°	12.9	6.5	3.2	0.0
27.5°	12.9	9.7	3.2	0.0
25°	12.9	9.7	3.2	0.0
22.5°	16.2	9.7	3.2	0.0
20°	16.2	9.7	3.2	0.0
17.5°	16.2	9.7	3.2	0.0
15°	16.2	9.7	3.2	0.0
12.5°	16.2	9.7	3.2	0.0
10°	16.2	9.7	3.2	0.0
7.5°	16.2	9.7	3.2	0.0
5°	16.2	9.7	3.2	0.0
2.5°	16.2	9.7	3.2	0.0
0°	16.2	9.7	3.2	0.0
-2.5°	16.2	9.7	3.2	0.0
-5°	16.2	9.7	3.2	0.0
-7.5°	16.2	9.7	3.2	0.0
-10°	16.2	9.7	3.2	0.0
-12.5°	19.4	9.7	3.2	0.0
-15°	19.4	9.7	3.2	0.0
-17.5°	19.4	9.7	3.2	0.0
-20°	19.4	9.7	3.2	0.0

REPORT NUMBER: P722375

CATALOG NUMBER: IFLD-S-SA6A-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	19.4	9.7	3.2	0.0
-25°	19.4	9.7	3.2	0.0
-27.5°	19.4	9.7	3.2	0.0
-30°	19.4	9.7	3.2	0.0
-32.5°	19.4	9.7	3.2	0.0
-35°	19.4	9.7	3.2	0.0
-37.5°	19.4	9.7	3.2	0.0
-40°	19.4	9.7	3.2	0.0
-42.5°	16.2	9.7	3.2	0.0
-45°	19.4	9.7	3.2	0.0
-47.5°	19.4	9.7	3.2	0.0
-50°	19.4	9.7	3.2	0.0
-52.5°	19.4	9.7	3.2	0.0
-55°	19.4	9.7	3.2	0.0
-57.5°	19.4	9.7	3.2	0.0
-60°	19.4	9.7	3.2	0.0
-62.5°	16.2	9.7	3.2	0.0
-65°	16.2	6.5	3.2	0.0
-67.5°	16.2	6.5	3.2	0.0
-70°	16.2	6.5	3.2	0.0
-72.5°	12.9	6.5	3.2	0.0
-75°	12.9	6.5	3.2	0.0
-77.5°	9.7	3.2	0.0	0.0
-80°	9.7	3.2	0.0	0.0
-82.5°	6.5	3.2	0.0	0.0
-85°	3.2	3.2	0.0	0.0
-87.5°	3.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)