

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: P722436

Luminaire Tested: **IFLD-S-SA6D-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722436
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	42572.3 lumens	Max Intensity:	29720.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	115.6 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:	27159.3 lumens	Field Lumens:	40136.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

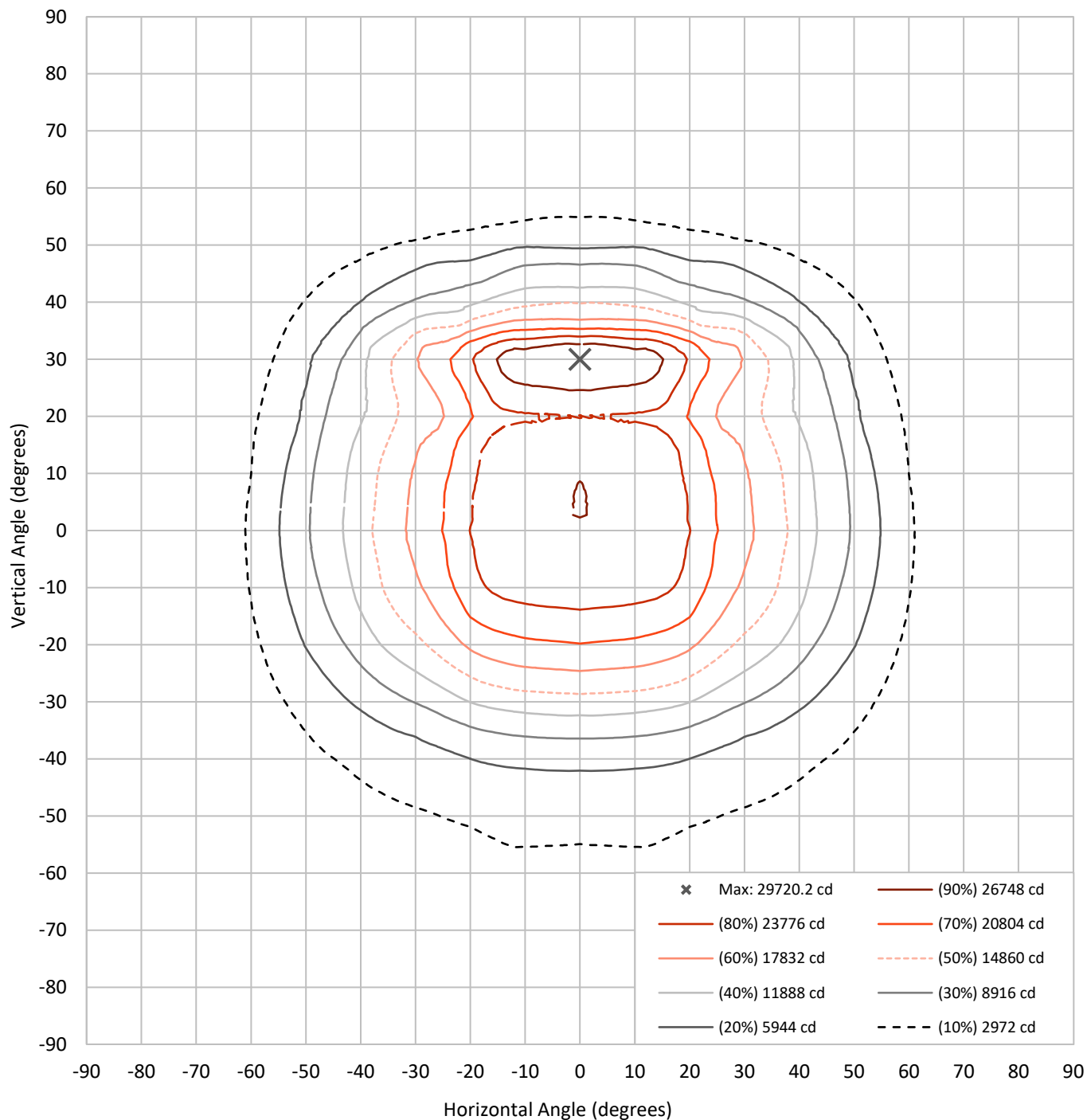
Input Watts (W): 368.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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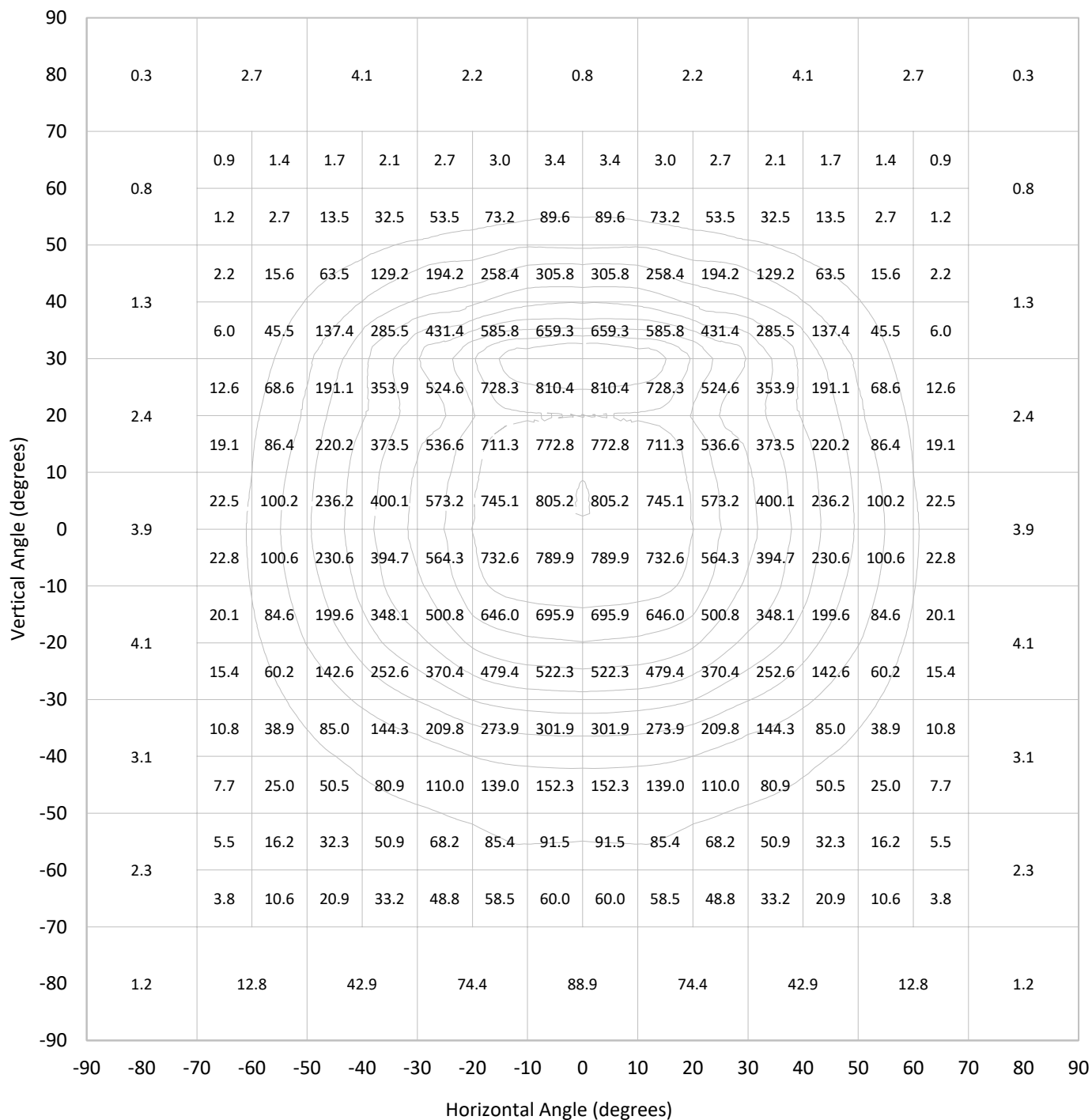
Iso-Candela Plot



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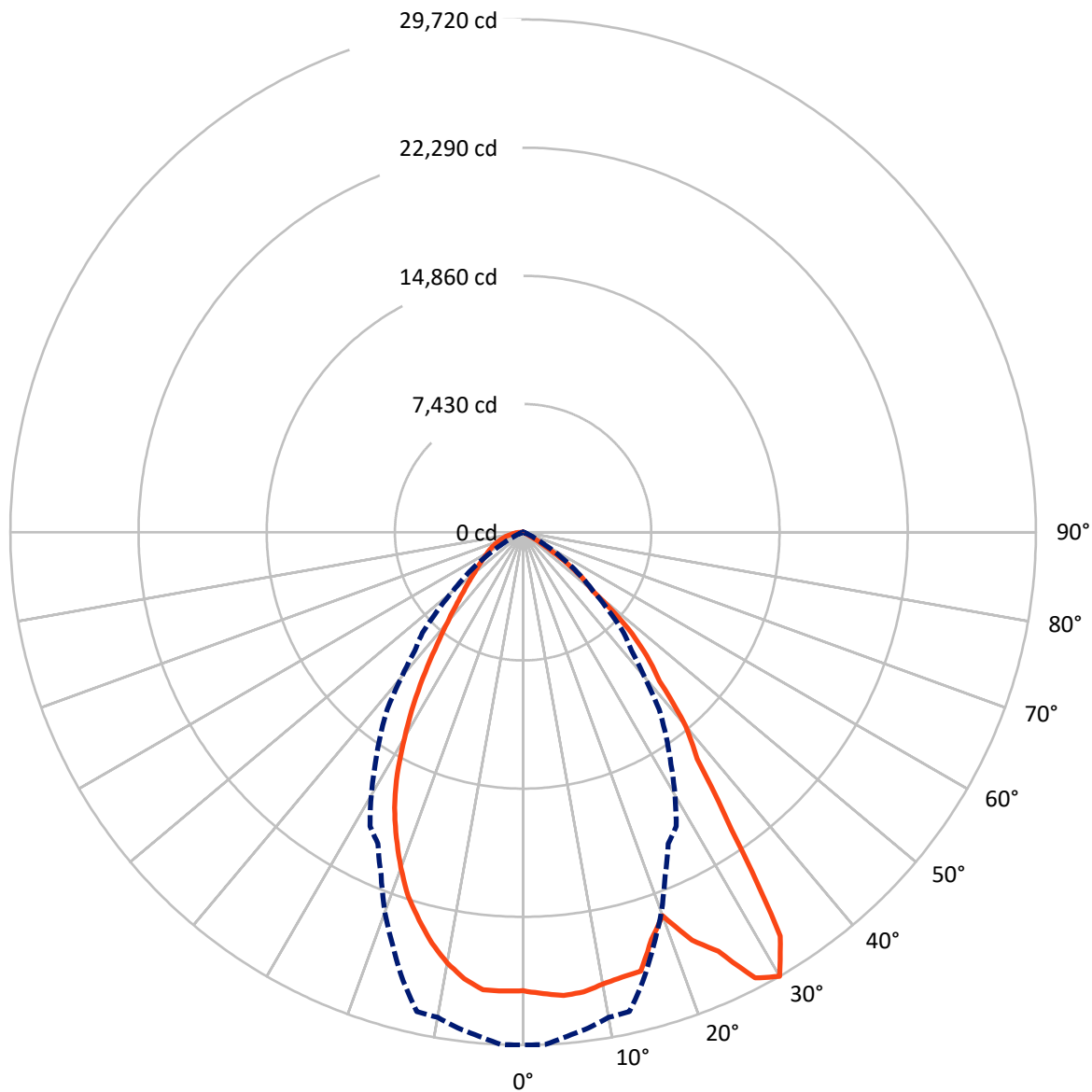
Lumen Table



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Luminous Intensity Polar Plot



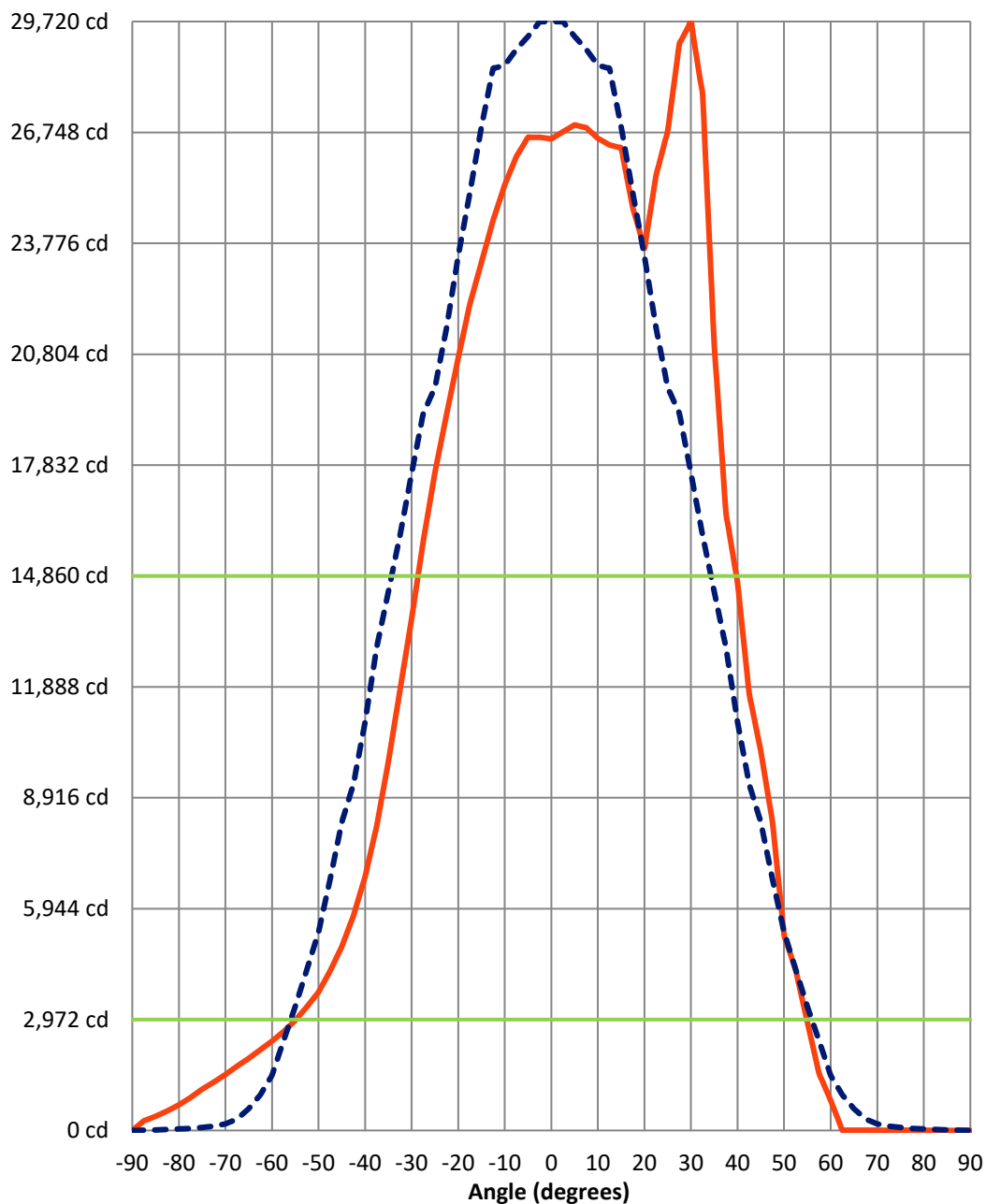
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 27159.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 40136.1

Efficiency: 94.3%

Spill:

Lumens: 2436.2

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	13.6	13.6	13.6	13.6	13.6	13.6	20.3
82.5°	0.0	6.8	6.8	6.8	13.6	13.6	13.6	13.6	20.3	20.3	27.1
80°	6.8	6.8	6.8	6.8	13.6	13.6	13.6	20.3	20.3	27.1	27.1
77.5°	6.8	6.8	6.8	13.6	13.6	13.6	20.3	20.3	27.1	27.1	33.9
75°	6.8	6.8	6.8	13.6	13.6	20.3	20.3	20.3	27.1	27.1	33.9
72.5°	0.0	6.8	6.8	13.6	13.6	20.3	20.3	20.3	27.1	27.1	27.1
70°	6.8	6.8	6.8	13.6	13.6	20.3	20.3	20.3	27.1	27.1	27.1
67.5°	6.8	6.8	6.8	13.6	13.6	20.3	20.3	27.1	27.1	27.1	33.9
65°	6.8	6.8	6.8	13.6	20.3	20.3	27.1	33.9	33.9	40.7	47.4
62.5°	6.8	13.6	13.6	20.3	27.1	33.9	74.6	115.2	115.2	81.3	67.8
60°	806.5	874.3	867.5	786.2	684.5	576.1	555.8	535.4	494.8	433.8	454.1
57.5°	1531.8	1613.1	1647.0	1626.6	1572.4	1477.5	1423.3	1362.3	1281.0	1186.1	1077.7
55°	2900.9	2934.7	2860.2	2717.9	2562.0	2406.1	2351.9	2270.5	2148.5	2026.5	1863.9
52.5°	4290.3	4405.5	4371.6	4229.3	4019.2	3741.3	3436.3	3199.1	3056.7	2921.2	2758.5
50°	5239.2	5286.6	5381.5	5550.9	5611.9	5422.2	4927.4	4290.3	3836.2	4066.6	3890.4
47.5°	8268.8	8506.0	8458.6	8336.6	8133.2	7618.1	6926.8	6357.5	5883.0	5727.2	5754.3
45°	10159.8	10254.7	10220.8	10166.5	10071.7	9590.4	8824.6	7950.2	7509.7	7333.5	7150.5
42.5°	11711.9	11813.5	11833.9	11840.6	11739.0	11298.4	10607.1	9732.8	9292.2	8783.9	8384.0
40°	14673.7	14822.8	14653.4	14429.7	14090.8	13589.3	12911.5	12105.0	11325.5	10702.0	10227.5
37.5°	16564.7	16747.7	16815.5	16801.9	16727.4	16510.5	15676.8	14910.9	13718.1	12321.9	12572.6
35°	21051.5	21241.3	21187.1	20983.7	20875.3	20644.9	19831.5	18923.3	17425.5	15907.3	15500.6
32.5°	27741.1	28154.5	27381.9	26534.7	26012.8	26195.8	25368.9	23145.8	22454.5	19716.3	18448.9
30°	29720.2	29713.4	29320.3	28974.6	28547.7	28459.5	26900.7	25124.9	23430.5	21512.4	19912.9
27.5°	29117.0	28995.0	28662.9	28412.1	28012.2	27802.1	26277.1	24867.4	22908.6	21193.9	19648.5
25°	26792.2	26887.1	26548.2	26500.8	26344.9	25938.2	25179.1	23593.2	21844.5	19946.8	18835.2
22.5°	25592.6	25558.7	25152.0	24914.8	25104.6	24670.8	24365.8	22766.3	20943.1	19343.5	18008.3
20°	23640.6	23647.4	23545.7	23525.4	23410.2	23213.6	22969.6	21837.7	20550.0	19180.9	17574.6
17.5°	24731.8	25009.7	25131.7	24121.8	24406.5	24182.8	23925.3	22346.1	21376.9	20163.6	18069.3
15°	26331.3	26229.7	26107.7	26053.5	25897.6	25687.5	25219.8	23959.2	22291.8	21038.0	19404.5
12.5°	26412.7	26216.1	26168.7	26161.9	25999.2	25707.8	25253.7	24209.9	22732.4	21207.4	19879.0
10°	26588.9	26385.6	26358.5	26392.3	26141.6	25958.6	25504.5	24535.3	22867.9	21498.8	20245.0
7.5°	26873.6	26534.7	26690.6	26588.9	26473.7	26182.2	25694.2	24745.4	23362.7	21885.2	20570.3
5°	26948.1	26575.3	26744.8	26649.9	26480.5	26195.8	25667.1	24880.9	23667.7	22041.1	20699.1
2.5°	26765.1	26656.7	26582.1	26405.9	26331.3	26019.6	25518.0	24677.6	23525.4	21973.3	20672.0
0°	26575.3	26670.2	26500.8	26324.6	26290.7	26039.9	25612.9	24853.8	23857.5	22163.1	20902.4
-2.5°	26616.0	26541.5	26426.2	26243.2	26067.0	25707.8	25321.5	24609.8	23538.9	21749.6	20577.1
-5°	26616.0	26270.3	26283.9	26290.7	26114.5	25741.7	25274.0	24670.8	23349.2	21742.8	20482.2
-7.5°	26100.9	25802.7	25755.2	25714.6	25667.1	25321.5	24955.5	24203.2	23030.6	21566.6	20217.9
-10°	25341.8	25050.4	25077.5	25016.5	24867.4	24636.9	24359.0	23681.3	22718.8	21010.9	19682.4
-12.5°	24392.9	24264.1	24189.6	24087.9	23938.8	23735.5	23450.8	22813.7	21783.5	20326.3	19065.7
-15°	23267.8	23172.9	23105.2	23044.2	22827.3	22617.2	22244.4	21654.7	21010.9	19445.2	18157.4
-17.5°	22142.7	21905.5	21810.6	21729.3	21587.0	21248.1	20909.2	20468.6	19567.2	18326.9	17222.1
-20°	20699.1	20556.8	20441.5	20333.1	20129.8	19865.4	19587.5	19079.2	18299.8	17296.7	16151.2

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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°	19187.7	19106.3	19011.4	18875.9	18740.3	18489.6	18103.2	17615.2	17005.2	15920.8	14849.9
-25°	17628.8	17472.9	17357.7	17228.9	17120.5	16890.0	16517.2	16049.6	15283.7	14348.4	13453.7
-27.5°	15792.0	15642.9	15581.9	15432.8	15337.9	15127.8	14755.0	14321.3	13629.9	12843.7	11935.5
-30°	13718.1	13745.2	13677.4	13535.1	13419.8	13148.7	12864.1	12498.1	11955.9	11203.5	10390.2
-32.5°	11800.0	11833.9	11752.5	11603.4	11454.3	11257.8	10993.4	10661.3	10254.7	9536.2	8831.3
-35°	9881.9	9868.3	9800.5	9712.4	9610.8	9448.1	9149.9	8899.1	8431.5	7929.9	7441.9
-37.5°	8160.3	8194.2	8173.9	8126.5	8011.2	7875.7	7631.7	7401.2	7055.6	6615.0	6235.5
-40°	6798.0	6838.7	6811.6	6764.1	6662.5	6581.1	6418.5	6215.1	5937.3	5557.7	5239.2
-42.5°	5754.3	5781.4	5747.5	5706.8	5618.7	5557.7	5428.9	5259.5	5029.0	4737.6	4452.9
-45°	4927.4	4934.2	4900.3	4873.2	4805.4	4730.8	4622.4	4486.8	4303.8	4100.5	3870.1
-47.5°	4276.7	4269.9	4236.1	4208.9	4154.7	4087.0	3998.8	3876.8	3734.5	3578.6	3395.6
-50°	3707.4	3741.3	3727.7	3700.6	3660.0	3612.5	3524.4	3395.6	3253.3	3138.1	3009.3
-52.5°	3314.3	3321.1	3314.3	3314.3	3307.5	3273.6	3172.0	3043.2	2887.3	2785.6	2677.2
-55°	2948.3	2982.2	2995.7	3009.3	3016.1	3016.1	2894.1	2758.5	2609.4	2507.7	2426.4
-57.5°	2650.1	2670.4	2684.0	2717.9	2745.0	2765.3	2656.9	2534.9	2419.6	2324.7	2250.2
-60°	2392.5	2419.6	2440.0	2473.9	2494.2	2507.7	2440.0	2358.6	2290.9	2229.9	2121.4
-62.5°	2162.1	2182.4	2202.8	2223.1	2243.4	2257.0	2229.9	2189.2	2155.3	2128.2	1992.6
-65°	1931.6	1952.0	1972.3	1999.4	2019.8	2033.3	2026.5	1999.4	1972.3	1945.2	1823.2
-67.5°	1721.5	1741.9	1769.0	1775.8	1789.3	1796.1	1782.5	1762.2	1728.3	1694.4	1599.5
-70°	1497.9	1511.4	1525.0	1525.0	1525.0	1518.2	1504.6	1477.5	1443.6	1396.2	1321.7
-72.5°	1294.5	1308.1	1321.7	1301.3	1287.8	1267.4	1247.1	1213.2	1179.3	1145.4	1104.8
-75°	1104.8	1111.5	1111.5	1084.4	1064.1	1043.8	1016.7	996.3	962.4	935.3	901.4
-77.5°	881.1	881.1	881.1	860.8	847.2	833.7	813.3	793.0	765.9	745.5	718.4
-80°	684.5	684.5	684.5	677.8	657.4	643.9	630.3	616.8	596.4	582.9	569.3
-82.5°	521.9	521.9	521.9	515.1	501.5	494.8	481.2	467.7	460.9	447.3	440.6
-85°	379.6	386.3	386.3	379.6	372.8	359.2	352.4	345.7	338.9	332.1	318.6
-87.5°	257.6	257.6	257.6	250.8	244.0	244.0	237.2	223.7	210.1	203.3	196.6
-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°	33.9	33.9	40.7	40.7	47.4	47.4	47.4	47.4	47.4	47.4	47.4
80°	33.9	40.7	47.4	54.2	61.0	67.8	67.8	67.8	67.8	61.0	61.0
77.5°	40.7	40.7	47.4	54.2	61.0	67.8	74.6	81.3	74.6	74.6	74.6
75°	40.7	47.4	47.4	54.2	61.0	67.8	74.6	81.3	81.3	81.3	81.3
72.5°	33.9	40.7	47.4	54.2	54.2	61.0	67.8	67.8	74.6	74.6	81.3
70°	33.9	40.7	47.4	47.4	54.2	54.2	61.0	67.8	67.8	74.6	74.6
67.5°	40.7	47.4	47.4	54.2	61.0	61.0	61.0	67.8	67.8	74.6	74.6
65°	47.4	54.2	54.2	61.0	67.8	67.8	74.6	74.6	74.6	81.3	81.3
62.5°	81.3	81.3	81.3	74.6	81.3	81.3	81.3	88.1	88.1	81.3	88.1
60°	420.2	305.0	210.1	264.3	237.2	108.4	108.4	108.4	101.7	101.7	94.9
57.5°	989.5	921.8	793.0	671.0	603.2	535.4	332.1	135.6	135.6	122.0	108.4
55°	1653.8	1430.1	1335.2	1172.5	996.3	915.0	759.1	515.1	244.0	162.7	142.3
52.5°	2562.0	2351.9	2107.9	1775.8	1538.5	1348.8	1220.0	969.2	650.7	345.7	216.9
50°	3429.5	3334.6	3185.5	2860.2	2365.4	2046.9	1836.8	1552.1	1165.8	711.7	406.7
47.5°	5523.8	4730.8	4249.6	3998.8	3585.4	2982.2	2575.5	2257.0	1789.3	1199.7	718.4
45°	6953.9	6452.4	5686.5	5157.8	4547.8	3910.7	3382.1	3016.1	2460.3	1796.1	1125.1
42.5°	8180.7	7746.9	7055.6	6282.9	5639.0	4805.4	4127.6	3646.4	3178.7	2453.5	1680.9
40°	9759.9	9244.8	8580.6	7828.2	7075.9	6011.8	4913.8	4330.9	3815.8	3172.0	2270.5
37.5°	12362.5	11454.3	10369.9	9536.2	8553.5	7652.0	6147.4	5117.2	4507.2	3836.2	2961.9
35°	15493.8	14497.5	12687.8	11583.1	10268.2	8926.2	7570.7	6045.7	5178.2	4466.5	3599.0
32.5°	18408.2	16951.0	14633.0	13338.5	12464.2	9990.3	8587.3	7265.7	5869.5	4995.2	3965.0
30°	19214.8	17608.5	15947.9	14436.5	12945.4	10946.0	9285.4	8255.2	6737.0	5313.7	4310.6
27.5°	18401.4	17296.7	16008.9	14605.9	12992.8	11278.1	9712.4	8729.7	7374.1	5530.6	4581.7
25°	17574.6	16422.4	15520.9	14348.4	12857.3	11257.8	9726.0	9027.9	7868.9	5950.8	4730.8
22.5°	16700.2	15981.8	15236.3	13928.2	12518.4	11318.8	10166.5	9285.4	8126.5	6425.3	4791.8
20°	16747.7	16280.0	15459.9	13711.3	12457.4	11678.0	10695.2	9610.8	8404.3	6838.7	4839.3
17.5°	17506.8	16896.8	15866.6	14348.4	13006.4	12044.0	11135.8	10058.1	8689.0	7204.7	5415.4
15°	18442.1	17513.6	16435.9	15100.7	13582.5	12443.8	11474.6	10369.9	9014.3	7543.6	5930.5
12.5°	19119.9	17798.2	16788.4	15581.9	14206.0	12877.6	11698.3	10607.1	9319.3	7821.5	6316.8
10°	19350.3	18150.7	16957.8	15880.1	14524.6	13108.1	11867.7	10756.2	9583.7	8038.3	6601.5
7.5°	19472.3	18455.7	17073.0	16015.7	14714.4	13250.4	12003.3	10837.5	9793.8	8187.5	6784.5
5°	19458.8	18618.3	17161.1	16056.4	14816.0	13311.4	12098.2	10857.9	9942.9	8316.2	6892.9
2.5°	19397.8	18726.8	17303.5	16124.1	15019.4	13426.6	12281.2	10898.5	9997.1	8458.6	6967.5
0°	19621.4	18733.5	17452.6	16144.5	15154.9	13467.3	12362.5	10864.6	9922.5	8499.2	6960.7
-2.5°	19140.2	18333.7	17418.7	15968.3	14971.9	13372.4	12213.4	10756.2	9759.9	8451.8	6933.6
-5°	19058.9	18042.2	17134.0	15805.6	14666.9	13175.8	11935.5	10552.9	9502.3	8295.9	6825.1
-7.5°	18842.0	17764.3	16856.1	15676.8	14382.3	12972.5	11671.2	10342.8	9224.4	8051.9	6669.3
-10°	18367.6	17337.3	16557.9	15398.9	14036.6	12681.1	11352.6	10064.9	8899.1	7719.8	6425.3
-12.5°	17689.8	16659.6	15886.9	14809.3	13602.8	12288.0	10973.1	9705.7	8526.3	7367.4	6133.8
-15°	16923.9	15880.1	15107.5	14124.7	12959.0	11678.0	10491.9	9251.6	8099.3	6994.6	5788.2
-17.5°	16056.4	15066.8	14321.3	13365.6	12206.6	10986.6	9807.3	8682.2	7604.6	6608.3	5388.3
-20°	15053.3	14090.8	13406.3	12450.6	11386.5	10200.4	9055.0	7990.9	7021.7	6086.4	4947.7



REPORT NUMBER: P722436

CATALOG NUMBER: IFLD-S-SA6D-730-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°	13812.9	12965.7	12186.3	11332.3	10403.8	9319.3	8255.2	7313.1	6384.6	5469.6	4493.6
-25°	12545.5	11725.4	10966.3	10186.9	9299.0	8363.7	7455.5	6601.5	5693.3	4866.4	4053.1
-27.5°	11135.8	10403.8	9726.0	9007.6	8194.2	7387.7	6642.1	5808.5	5022.3	4317.4	3619.3
-30°	9631.1	9034.7	8445.0	7807.9	7150.5	6472.7	5808.5	5022.3	4405.5	3843.0	3253.3
-32.5°	8187.5	7652.0	7177.6	6703.1	6133.8	5578.0	4988.4	4405.5	3890.4	3395.6	2900.9
-35°	6920.0	6350.7	6086.4	5706.8	5252.7	4751.2	4269.9	3863.3	3449.8	3002.5	2562.0
-37.5°	5822.0	5456.0	5144.3	4859.6	4500.4	4066.6	3721.0	3388.8	3043.2	2636.5	2257.0
-40°	4961.3	4696.9	4385.2	4175.1	3883.6	3571.8	3226.2	2948.3	2656.9	2324.7	2013.0
-42.5°	4269.9	4053.1	3849.7	3626.1	3409.2	3144.9	2846.6	2582.3	2318.0	2074.0	1816.4
-45°	3700.6	3544.7	3382.1	3199.1	3009.3	2778.9	2534.9	2263.8	2074.0	1857.1	1640.2
-47.5°	3233.0	3117.7	2982.2	2839.9	2677.2	2473.9	2250.2	2053.6	1857.1	1674.1	1464.0
-50°	2860.2	2751.7	2643.3	2521.3	2379.0	2202.8	2033.3	1850.3	1667.3	1491.1	1294.5
-52.5°	2548.4	2453.5	2365.4	2263.8	2128.2	1979.1	1823.2	1660.5	1491.1	1314.9	1159.0
-55°	2331.5	2223.1	2135.0	2033.3	1911.3	1769.0	1626.6	1477.5	1314.9	1179.3	1050.5
-57.5°	2155.3	2033.3	1931.6	1823.2	1701.2	1579.2	1450.4	1314.9	1192.9	1064.1	942.1
-60°	2006.2	1863.9	1748.6	1640.2	1525.0	1409.8	1301.3	1186.1	1070.9	955.7	833.7
-62.5°	1850.3	1701.2	1558.9	1457.2	1369.1	1267.4	1172.5	1064.1	962.4	847.2	759.1
-65°	1674.1	1531.8	1396.2	1308.1	1226.8	1138.7	1050.5	955.7	867.5	779.4	698.1
-67.5°	1477.5	1355.5	1260.7	1179.3	1098.0	1023.4	942.1	860.8	786.2	698.1	616.8
-70°	1240.3	1172.5	1118.3	1057.3	982.8	915.0	840.4	765.9	684.5	610.0	535.4
-72.5°	1057.3	1016.7	976.0	915.0	847.2	786.2	725.2	657.4	589.7	521.9	460.9
-75°	867.5	833.7	799.8	759.1	704.9	657.4	603.2	542.2	488.0	440.6	393.1
-77.5°	698.1	671.0	650.7	616.8	576.1	535.4	501.5	460.9	420.2	372.8	325.3
-80°	555.8	542.2	535.4	521.9	488.0	454.1	427.0	393.1	352.4	318.6	284.7
-82.5°	433.8	433.8	427.0	420.2	393.1	366.0	345.7	318.6	291.4	264.3	230.4
-85°	318.6	311.8	311.8	305.0	284.7	271.1	250.8	237.2	216.9	189.8	176.2
-87.5°	189.8	183.0	176.2	169.4	155.9	149.1	135.6	128.8	115.2	101.7	94.9
-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: P722436

CATALOG NUMBER: IFLD-S-SA6D-730-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	13.6	13.6	13.6	13.6	13.6	6.8	6.8	6.8	6.8	6.8
82.5°	40.7	40.7	33.9	33.9	27.1	20.3	13.6	13.6	13.6	6.8	6.8
80°	61.0	61.0	61.0	54.2	47.4	33.9	27.1	20.3	13.6	6.8	6.8
77.5°	74.6	67.8	67.8	61.0	61.0	54.2	40.7	33.9	20.3	13.6	6.8
75°	74.6	74.6	74.6	67.8	67.8	61.0	54.2	40.7	33.9	20.3	13.6
72.5°	81.3	74.6	74.6	74.6	67.8	61.0	54.2	47.4	40.7	27.1	13.6
70°	74.6	74.6	74.6	74.6	67.8	67.8	54.2	47.4	47.4	27.1	20.3
67.5°	74.6	74.6	74.6	67.8	67.8	61.0	54.2	47.4	47.4	33.9	20.3
65°	81.3	74.6	74.6	74.6	67.8	61.0	54.2	47.4	47.4	40.7	27.1
62.5°	88.1	81.3	81.3	74.6	67.8	61.0	54.2	47.4	47.4	40.7	27.1
60°	94.9	88.1	81.3	81.3	74.6	67.8	54.2	54.2	47.4	40.7	27.1
57.5°	101.7	94.9	94.9	88.1	81.3	74.6	61.0	54.2	47.4	40.7	33.9
55°	122.0	108.4	101.7	101.7	94.9	81.3	67.8	54.2	47.4	40.7	33.9
52.5°	162.7	128.8	115.2	115.2	108.4	94.9	74.6	61.0	47.4	40.7	33.9
50°	257.6	162.7	135.6	122.0	122.0	108.4	88.1	67.8	47.4	40.7	33.9
47.5°	406.7	271.1	162.7	142.3	135.6	128.8	101.7	67.8	54.2	40.7	33.9
45°	671.0	399.9	264.3	169.4	142.3	135.6	115.2	74.6	54.2	47.4	33.9
42.5°	921.8	623.5	406.7	203.3	169.4	149.1	122.0	81.3	61.0	47.4	33.9
40°	1450.4	854.0	569.3	332.1	196.6	155.9	135.6	94.9	61.0	47.4	33.9
37.5°	1965.5	1131.9	765.9	488.0	223.7	176.2	142.3	101.7	67.8	47.4	40.7
35°	2480.6	1586.0	948.9	650.7	298.2	210.1	149.1	108.4	67.8	47.4	40.7
32.5°	2941.5	2013.0	1138.7	813.3	447.3	250.8	162.7	115.2	74.6	54.2	40.7
30°	3321.1	2406.1	1477.5	955.7	582.9	305.0	176.2	115.2	81.3	54.2	40.7
27.5°	3605.7	2711.1	1823.2	1104.8	698.1	359.2	203.3	128.8	81.3	54.2	40.7
25°	3836.2	2948.3	2128.2	1260.7	799.8	447.3	244.0	135.6	88.1	61.0	40.7
22.5°	4019.2	3144.9	2379.0	1470.8	921.8	535.4	298.2	149.1	88.1	61.0	40.7
20°	4269.9	3341.4	2548.4	1694.4	1050.5	616.8	345.7	162.7	88.1	61.0	47.4
17.5°	4486.8	3538.0	2684.0	1884.2	1179.3	677.8	399.9	176.2	94.9	61.0	47.4
15°	4737.6	3727.7	2806.0	2033.3	1301.3	732.0	447.3	189.8	94.9	67.8	47.4
12.5°	5008.7	3904.0	2894.1	2155.3	1430.1	779.4	488.0	216.9	101.7	67.8	47.4
10°	5286.6	4053.1	2968.6	2243.4	1525.0	826.9	515.1	244.0	108.4	67.8	47.4
7.5°	5564.5	4188.6	3063.5	2284.1	1565.6	881.1	528.7	271.1	108.4	74.6	47.4
5°	5754.3	4276.7	3199.1	2311.2	1586.0	942.1	549.0	305.0	115.2	74.6	47.4
2.5°	5916.9	4330.9	3341.4	2331.5	1592.8	976.0	542.2	325.3	122.0	74.6	47.4
0°	5991.5	4330.9	3436.3	2318.0	1572.4	1009.9	542.2	345.7	122.0	74.6	47.4
-2.5°	5876.3	4452.9	3409.2	2324.7	1579.2	1009.9	569.3	352.4	135.6	81.3	47.4
-5°	5693.3	4500.4	3327.8	2290.9	1565.6	1009.9	603.2	359.2	142.3	81.3	54.2
-7.5°	5517.0	4520.7	3233.0	2257.0	1545.3	982.8	610.0	352.4	155.9	88.1	54.2
-10°	5286.6	4297.1	3111.0	2196.0	1504.6	962.4	623.5	352.4	162.7	88.1	54.2
-12.5°	5022.3	4026.0	2961.9	2107.9	1457.2	942.1	630.3	352.4	169.4	94.9	54.2
-15°	4717.3	3748.1	2792.4	2013.0	1389.4	915.0	616.8	345.7	176.2	94.9	61.0
-17.5°	4371.6	3477.0	2616.2	1897.8	1314.9	881.1	589.7	338.9	176.2	94.9	61.0
-20°	3978.5	3205.8	2419.6	1782.5	1226.8	840.4	562.5	325.3	176.2	94.9	61.0



REPORT NUMBER: P722436

CATALOG NUMBER: IFLD-S-SA6D-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3626.1	2955.1	2216.3	1653.8	1131.9	793.0	528.7	311.8	176.2	101.7	61.0
-25°	3334.6	2711.1	2060.4	1525.0	1030.2	738.8	494.8	298.2	176.2	101.7	61.0
-27.5°	3029.6	2446.7	1897.8	1403.0	962.4	691.3	460.9	284.7	169.4	101.7	61.0
-30°	2717.9	2189.2	1728.3	1267.4	894.7	643.9	433.8	264.3	169.4	101.7	61.0
-32.5°	2433.2	1979.1	1572.4	1131.9	820.1	596.4	406.7	257.6	162.7	101.7	61.0
-35°	2155.3	1789.3	1409.8	1023.4	738.8	549.0	379.6	250.8	162.7	101.7	61.0
-37.5°	1924.9	1613.1	1260.7	948.9	691.3	508.3	352.4	237.2	155.9	101.7	61.0
-40°	1735.1	1450.4	1118.3	867.5	650.7	467.7	325.3	230.4	155.9	101.7	61.0
-42.5°	1558.9	1294.5	1030.2	799.8	610.0	440.6	305.0	223.7	149.1	101.7	61.0
-45°	1403.0	1159.0	942.1	738.8	562.5	406.7	291.4	210.1	142.3	101.7	67.8
-47.5°	1247.1	1064.1	860.8	684.5	515.1	366.0	277.9	203.3	135.6	94.9	67.8
-50°	1125.1	962.4	793.0	623.5	467.7	352.4	264.3	189.8	135.6	94.9	67.8
-52.5°	1016.7	867.5	718.4	562.5	427.0	332.1	250.8	176.2	128.8	94.9	67.8
-55°	915.0	779.4	643.9	501.5	399.9	311.8	230.4	162.7	128.8	94.9	67.8
-57.5°	813.3	698.1	569.3	454.1	366.0	291.4	216.9	162.7	128.8	94.9	67.8
-60°	732.0	623.5	515.1	420.2	338.9	264.3	196.6	155.9	122.0	94.9	67.8
-62.5°	664.2	562.5	467.7	379.6	311.8	237.2	189.8	155.9	122.0	94.9	61.0
-65°	596.4	508.3	420.2	345.7	277.9	223.7	183.0	149.1	122.0	94.9	61.0
-67.5°	528.7	447.3	379.6	305.0	257.6	216.9	176.2	149.1	115.2	88.1	61.0
-70°	460.9	393.1	332.1	284.7	244.0	203.3	169.4	142.3	115.2	81.3	54.2
-72.5°	406.7	345.7	298.2	264.3	230.4	196.6	162.7	135.6	108.4	74.6	47.4
-75°	345.7	305.0	271.1	237.2	210.1	183.0	155.9	122.0	94.9	67.8	47.4
-77.5°	291.4	264.3	237.2	216.9	189.8	162.7	135.6	108.4	88.1	61.0	40.7
-80°	250.8	230.4	210.1	189.8	169.4	142.3	122.0	94.9	74.6	54.2	33.9
-82.5°	203.3	189.8	169.4	155.9	142.3	122.0	101.7	81.3	54.2	40.7	27.1
-85°	155.9	142.3	135.6	122.0	108.4	88.1	67.8	54.2	40.7	27.1	13.6
-87.5°	81.3	74.6	67.8	61.0	54.2	40.7	33.9	27.1	20.3	13.6	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: P722436

CATALOG NUMBER: IFLD-S-SA6D-730-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°	13.6	6.8	0.0	0.0
65°	13.6	6.8	0.0	0.0
62.5°	13.6	6.8	0.0	0.0
60°	13.6	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	13.6	6.8	0.0
47.5°	20.3	13.6	6.8	0.0
45°	20.3	13.6	6.8	0.0
42.5°	20.3	13.6	6.8	0.0
40°	27.1	13.6	6.8	0.0
37.5°	27.1	13.6	6.8	0.0
35°	27.1	13.6	6.8	0.0
32.5°	27.1	13.6	6.8	0.0
30°	27.1	13.6	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°	33.9	20.3	6.8	0.0
20°	33.9	20.3	6.8	0.0
17.5°	33.9	20.3	6.8	0.0
15°	33.9	20.3	6.8	0.0
12.5°	33.9	20.3	6.8	0.0
10°	33.9	20.3	6.8	0.0
7.5°	33.9	20.3	6.8	0.0
5°	33.9	20.3	6.8	0.0
2.5°	33.9	20.3	6.8	0.0
0°	33.9	20.3	6.8	0.0
-2.5°	33.9	20.3	6.8	0.0
-5°	33.9	20.3	6.8	0.0
-7.5°	33.9	20.3	6.8	0.0
-10°	33.9	20.3	6.8	0.0
-12.5°	40.7	20.3	6.8	0.0
-15°	40.7	20.3	6.8	0.0
-17.5°	40.7	20.3	6.8	0.0
-20°	40.7	20.3	6.8	0.0



REPORT NUMBER: P722436

CATALOG NUMBER: IFLD-S-SA6D-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	40.7	20.3	6.8	0.0
-25°	40.7	20.3	6.8	0.0
-27.5°	40.7	20.3	6.8	0.0
-30°	40.7	20.3	6.8	0.0
-32.5°	40.7	20.3	6.8	0.0
-35°	40.7	20.3	6.8	0.0
-37.5°	40.7	20.3	6.8	0.0
-40°	40.7	20.3	6.8	0.0
-42.5°	33.9	20.3	6.8	0.0
-45°	40.7	20.3	6.8	0.0
-47.5°	40.7	20.3	6.8	0.0
-50°	40.7	20.3	6.8	0.0
-52.5°	40.7	20.3	6.8	0.0
-55°	40.7	20.3	6.8	0.0
-57.5°	40.7	20.3	6.8	0.0
-60°	40.7	20.3	6.8	0.0
-62.5°	33.9	20.3	6.8	0.0
-65°	33.9	13.6	6.8	0.0
-67.5°	33.9	13.6	6.8	0.0
-70°	33.9	13.6	6.8	0.0
-72.5°	27.1	13.6	6.8	0.0
-75°	27.1	13.6	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°	13.6	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)