

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: P722374

Luminaire Tested: **IFLD-S-SA3E-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722374
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

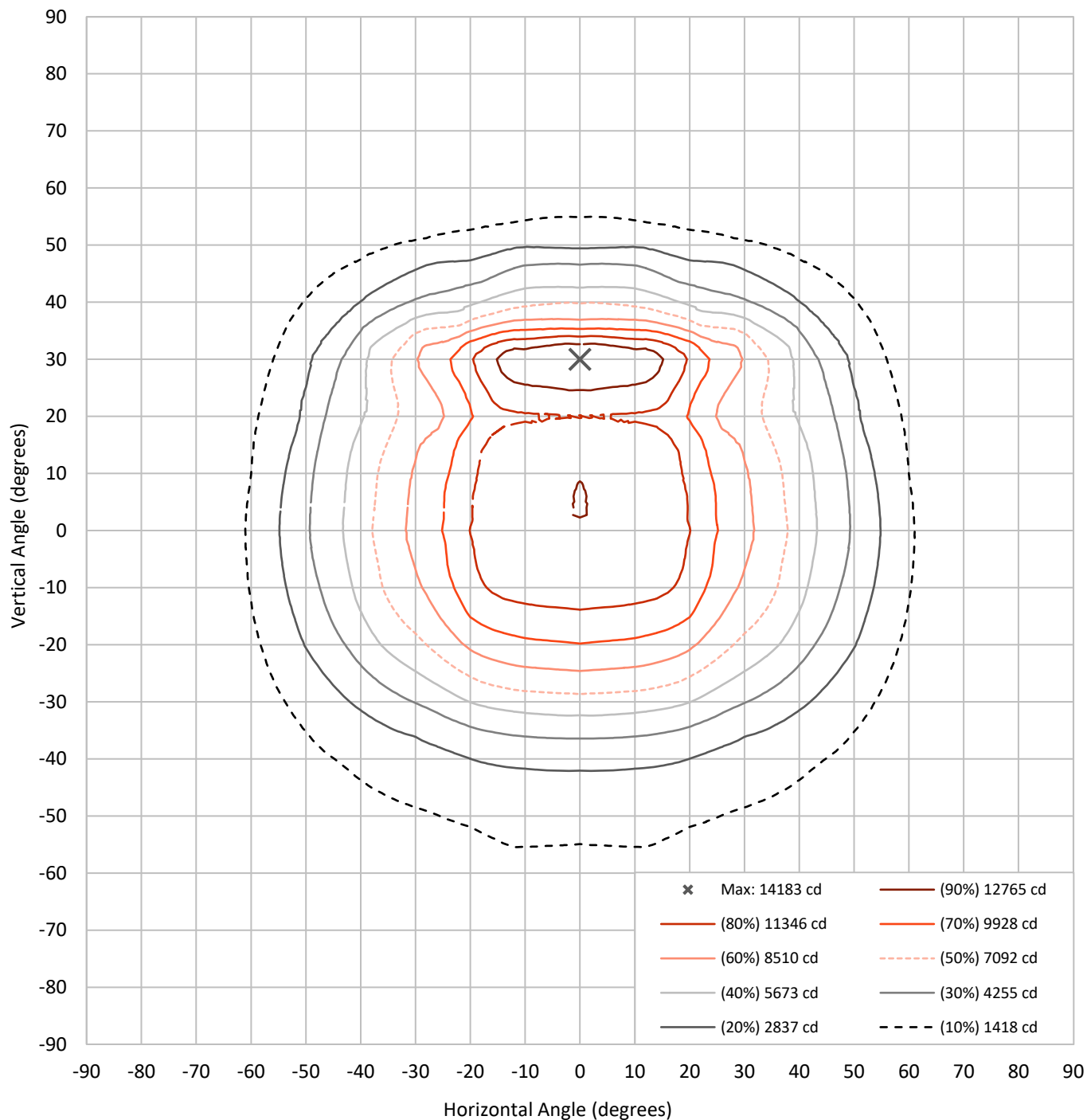
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	20316.2 lumens	Max Intensity:	14183 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	87.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	12960.8 lumens	Field Lumens:	19153.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	232.1		
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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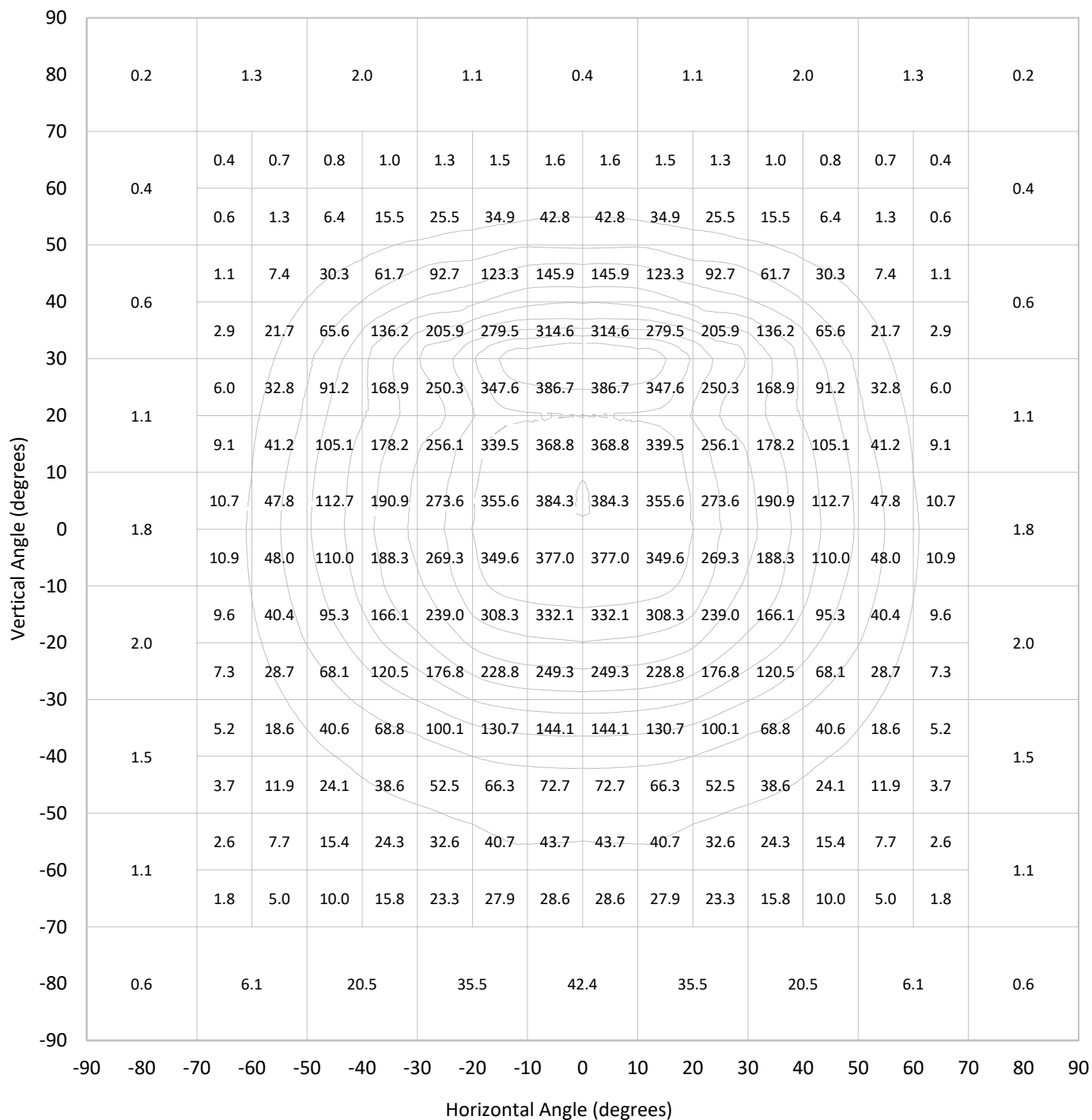
Iso-Candela Plot



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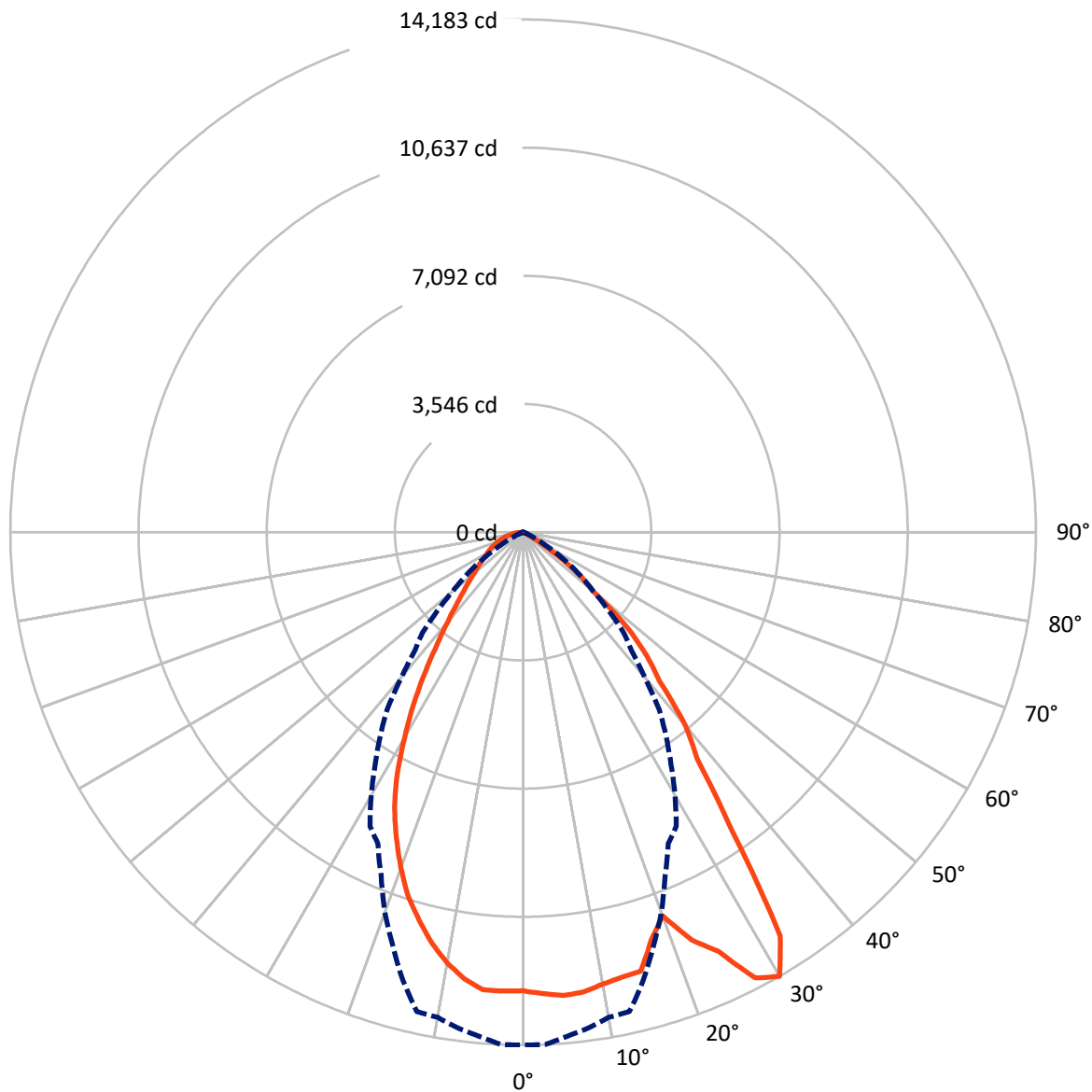
Lumen Table



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Luminous Intensity Polar Plot



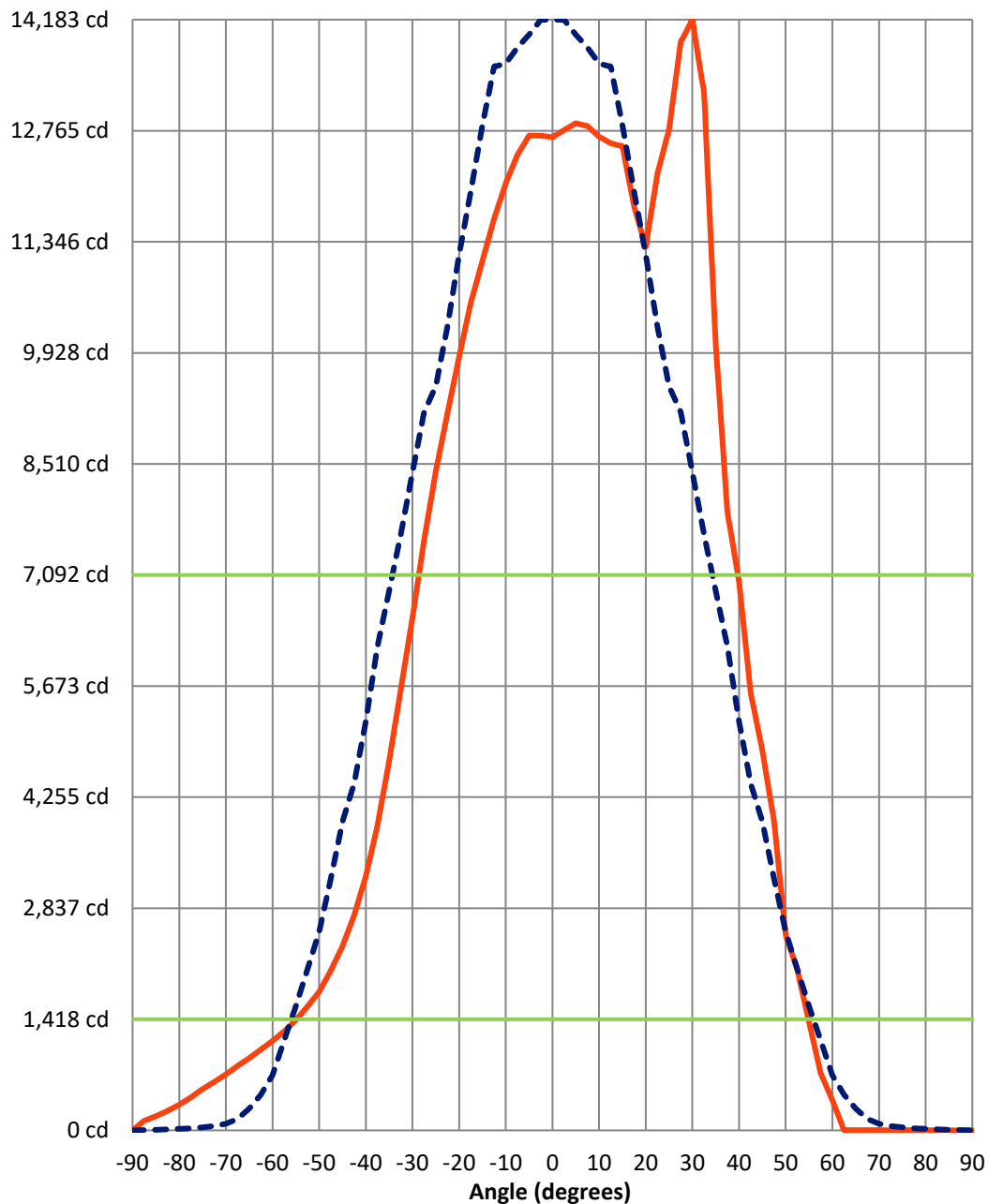
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 12960.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 19153.6

Efficiency: 94.3%

Spill:

Lumens: 1162.6

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	22.6
62.5°	3.2	6.5	6.5	9.7	12.9	16.2	35.6	55.0	55.0	38.8	32.3
60°	384.9	417.2	414.0	375.2	326.7	274.9	265.2	255.5	236.1	207.0	216.7
57.5°	731.0	769.8	786.0	776.3	750.4	705.1	679.2	650.1	611.3	566.0	514.3
55°	1384.3	1400.5	1364.9	1297.0	1222.6	1148.2	1122.3	1083.5	1025.3	967.1	889.5
52.5°	2047.4	2102.4	2086.2	2018.3	1918.0	1785.4	1639.9	1526.6	1458.7	1394.0	1316.4
50°	2500.2	2522.9	2568.1	2649.0	2678.1	2587.5	2351.4	2047.4	1830.7	1940.7	1856.6
47.5°	3946.0	4059.2	4036.6	3978.3	3881.3	3635.5	3305.6	3033.9	2807.5	2733.1	2746.0
45°	4848.4	4893.7	4877.5	4851.6	4806.4	4576.7	4211.2	3794.0	3583.7	3499.6	3412.3
42.5°	5589.1	5637.6	5647.3	5650.5	5602.0	5391.8	5061.9	4644.6	4434.4	4191.8	4001.0
40°	7002.5	7073.7	6992.8	6886.1	6724.4	6485.0	6161.6	5776.7	5404.7	5107.2	4880.7
37.5°	7904.9	7992.3	8024.6	8018.1	7982.6	7879.1	7481.2	7115.7	6546.5	5880.2	5999.9
35°	10046.1	10136.7	10110.8	10013.8	9962.0	9852.1	9463.9	9030.5	8315.7	7591.2	7397.1
32.5°	13238.5	13435.8	13067.1	12662.8	12413.7	12501.1	12106.5	11045.6	10715.7	9408.9	8804.1
30°	14183.0	14179.7	13992.1	13827.2	13623.4	13581.4	12837.4	11990.0	11181.4	10266.1	9502.7
27.5°	13895.1	13836.9	13678.4	13558.7	13367.9	13267.6	12539.9	11867.1	10932.4	10114.1	9376.6
25°	12785.7	12831.0	12669.2	12646.6	12572.2	12378.1	12015.9	11259.0	10424.6	9518.9	8988.5
22.5°	12213.2	12197.0	12003.0	11889.8	11980.3	11773.3	11627.8	10864.4	9994.4	9231.1	8593.9
20°	11281.7	11284.9	11236.4	11226.7	11171.7	11077.9	10961.5	10421.3	9806.8	9153.4	8386.9
17.5°	11802.4	11935.0	11993.3	11511.3	11647.2	11540.4	11417.5	10663.9	10201.4	9622.4	8623.0
15°	12565.7	12517.2	12459.0	12433.1	12358.7	12258.5	12035.3	11433.7	10638.0	10039.7	9260.2
12.5°	12604.6	12510.8	12488.1	12484.9	12407.3	12268.2	12051.5	11553.4	10848.3	10120.5	9486.6
10°	12688.7	12591.6	12578.7	12594.9	12475.2	12387.9	12171.1	11708.6	10913.0	10259.6	9661.2
7.5°	12824.5	12662.8	12737.2	12688.7	12633.7	12494.6	12261.7	11808.9	11149.1	10444.0	9816.5
5°	12860.1	12682.2	12763.0	12717.8	12636.9	12501.1	12248.8	11873.6	11294.6	10518.4	9877.9
2.5°	12772.7	12721.0	12685.4	12601.3	12565.7	12417.0	12177.6	11776.5	11226.7	10486.0	9865.0
0°	12682.2	12727.5	12646.6	12562.5	12546.3	12426.7	12222.9	11860.6	11385.2	10576.6	9975.0
-2.5°	12701.6	12666.0	12611.0	12523.7	12439.6	12268.2	12083.8	11744.2	11233.2	10379.3	9819.7
-5°	12701.6	12536.6	12543.1	12546.3	12462.2	12284.4	12061.2	11773.3	11142.6	10376.0	9774.4
-7.5°	12455.8	12313.5	12290.8	12271.4	12248.8	12083.8	11909.2	11550.1	10990.6	10291.9	9648.3
-10°	12093.5	11954.4	11967.4	11938.3	11867.1	11757.1	11624.5	11301.1	10841.8	10026.7	9392.8
-12.5°	11640.7	11579.2	11543.7	11495.2	11424.0	11327.0	11191.1	10887.1	10395.4	9700.0	9098.4
-15°	11103.8	11058.5	11026.2	10997.0	10893.5	10793.3	10615.4	10334.0	10026.7	9279.6	8665.0
-17.5°	10566.9	10453.7	10408.4	10369.6	10301.6	10139.9	9978.2	9768.0	9337.8	8745.9	8218.7
-20°	9877.9	9810.0	9755.0	9703.3	9606.2	9480.1	9347.5	9104.9	8733.0	8254.3	7707.6

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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°	9156.7	9117.8	9072.6	9007.9	8943.2	8823.5	8639.2	8406.3	8115.2	7597.7	7086.6
-25°	8412.7	8338.4	8283.4	8221.9	8170.2	8060.2	7882.3	7659.1	7293.6	6847.3	6420.3
-27.5°	7536.2	7465.1	7435.9	7364.8	7319.5	7219.2	7041.3	6834.3	6504.4	6129.2	5695.8
-30°	6546.5	6559.4	6527.1	6459.1	6404.2	6274.8	6138.9	5964.3	5705.5	5346.5	4958.4
-32.5°	5631.1	5647.3	5608.5	5537.3	5466.2	5372.4	5246.2	5087.8	4893.7	4550.8	4214.5
-35°	4715.8	4709.3	4677.0	4634.9	4586.4	4508.8	4366.5	4246.8	4023.6	3784.3	3551.4
-37.5°	3894.2	3910.4	3900.7	3878.1	3823.1	3758.4	3642.0	3532.0	3367.0	3156.8	2975.7
-40°	3244.1	3263.5	3250.6	3228.0	3179.4	3140.6	3063.0	2966.0	2833.4	2652.2	2500.2
-42.5°	2746.0	2759.0	2742.8	2723.4	2681.3	2652.2	2590.8	2509.9	2399.9	2260.9	2125.0
-45°	2351.4	2354.7	2338.5	2325.6	2293.2	2257.6	2205.9	2141.2	2053.9	1956.8	1846.9
-47.5°	2040.9	2037.7	2021.5	2008.6	1982.7	1950.4	1908.3	1850.1	1782.2	1707.8	1620.4
-50°	1769.2	1785.4	1778.9	1766.0	1746.6	1723.9	1681.9	1620.4	1552.5	1497.5	1436.1
-52.5°	1581.6	1584.9	1581.6	1581.6	1578.4	1562.2	1513.7	1452.3	1377.9	1329.3	1277.6
-55°	1407.0	1423.1	1429.6	1436.1	1439.3	1439.3	1381.1	1316.4	1245.3	1196.7	1157.9
-57.5°	1264.7	1274.4	1280.8	1297.0	1309.9	1319.6	1267.9	1209.7	1154.7	1109.4	1073.8
-60°	1141.8	1154.7	1164.4	1180.6	1190.3	1196.7	1164.4	1125.6	1093.2	1064.1	1012.4
-62.5°	1031.8	1041.5	1051.2	1060.9	1070.6	1077.1	1064.1	1044.7	1028.5	1015.6	950.9
-65°	921.8	931.5	941.2	954.2	963.9	970.3	967.1	954.2	941.2	928.3	870.1
-67.5°	821.5	831.2	844.2	847.4	853.9	857.1	850.7	841.0	824.8	808.6	763.3
-70°	714.8	721.3	727.7	727.7	727.7	724.5	718.0	705.1	688.9	666.3	630.7
-72.5°	617.8	624.2	630.7	621.0	614.5	604.8	595.1	579.0	562.8	546.6	527.2
-75°	527.2	530.4	530.4	517.5	507.8	498.1	485.2	475.5	459.3	446.4	430.2
-77.5°	420.5	420.5	420.5	410.8	404.3	397.8	388.1	378.4	365.5	355.8	342.8
-80°	326.7	326.7	326.7	323.4	313.7	307.3	300.8	294.3	284.6	278.2	271.7
-82.5°	249.1	249.1	249.1	245.8	239.3	236.1	229.6	223.2	219.9	213.5	210.2
-85°	181.1	184.4	184.4	181.1	177.9	171.4	168.2	165.0	161.7	158.5	152.0
-87.5°	122.9	122.9	122.9	119.7	116.4	116.4	113.2	106.7	100.3	97.0	93.8
-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	22.6	22.6	22.6	22.6	22.6	22.6	22.6
80°	16.2	19.4	22.6	25.9	29.1	32.3	32.3	32.3	32.3	29.1	29.1
77.5°	19.4	19.4	22.6	25.9	29.1	32.3	35.6	38.8	35.6	35.6	35.6
75°	19.4	22.6	22.6	25.9	29.1	32.3	35.6	38.8	38.8	38.8	38.8
72.5°	16.2	19.4	22.6	25.9	25.9	29.1	32.3	32.3	35.6	35.6	38.8
70°	16.2	19.4	22.6	22.6	25.9	25.9	29.1	32.3	32.3	35.6	35.6
67.5°	19.4	22.6	22.6	25.9	29.1	29.1	29.1	32.3	32.3	35.6	35.6
65°	22.6	25.9	25.9	29.1	32.3	32.3	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	42.0	42.0	38.8	42.0
60°	200.5	145.5	100.3	126.1	113.2	51.8	51.8	51.8	48.5	48.5	45.3
57.5°	472.2	439.9	378.4	320.2	287.9	255.5	158.5	64.7	64.7	58.2	51.8
55°	789.2	682.5	637.2	559.6	475.5	436.6	362.3	245.8	116.4	77.6	67.9
52.5°	1222.6	1122.3	1005.9	847.4	734.2	643.7	582.2	462.5	310.5	165.0	103.5
50°	1636.6	1591.3	1520.2	1364.9	1128.8	976.8	876.5	740.7	556.3	339.6	194.1
47.5°	2636.1	2257.6	2028.0	1908.3	1711.0	1423.1	1229.1	1077.1	853.9	572.5	342.8
45°	3318.5	3079.2	2713.7	2461.4	2170.3	1866.3	1614.0	1439.3	1174.1	857.1	536.9
42.5°	3904.0	3696.9	3367.0	2998.3	2691.0	2293.2	1969.8	1740.1	1516.9	1170.9	802.1
40°	4657.6	4411.8	4094.8	3735.8	3376.7	2868.9	2345.0	2066.8	1821.0	1513.7	1083.5
37.5°	5899.6	5466.2	4948.7	4550.8	4081.8	3651.7	2933.6	2442.0	2150.9	1830.7	1413.4
35°	7393.9	6918.4	6054.8	5527.6	4900.2	4259.7	3612.9	2885.1	2471.1	2131.5	1717.5
32.5°	8784.7	8089.3	6983.1	6365.4	5948.1	4767.5	4098.0	3467.3	2801.0	2383.8	1892.1
30°	9169.6	8403.0	7610.6	6889.3	6177.8	5223.6	4431.2	3939.5	3215.0	2535.8	2057.1
27.5°	8781.5	8254.3	7639.7	6970.2	6200.4	5382.1	4634.9	4165.9	3519.1	2639.3	2186.5
25°	8386.9	7837.0	7406.8	6847.3	6135.7	5372.4	4641.4	4308.3	3755.2	2839.8	2257.6
22.5°	7969.6	7626.8	7271.0	6646.7	5974.0	5401.5	4851.6	4431.2	3878.1	3066.2	2286.7
20°	7992.3	7769.1	7377.7	6543.2	5944.9	5572.9	5103.9	4586.4	4010.7	3263.5	2309.4
17.5°	8354.5	8063.4	7571.8	6847.3	6206.9	5747.6	5314.2	4799.9	4146.5	3438.2	2584.3
15°	8800.9	8357.8	7843.5	7206.3	6481.8	5938.4	5475.9	4948.7	4301.8	3599.9	2830.1
12.5°	9124.3	8493.6	8011.7	7435.9	6779.4	6145.4	5582.6	5061.9	4447.3	3732.5	3014.5
10°	9234.3	8661.8	8092.5	7578.3	6931.4	6255.4	5663.5	5133.0	4573.5	3836.0	3150.3
7.5°	9292.5	8807.3	8147.5	7642.9	7021.9	6323.3	5728.2	5171.8	4673.7	3907.2	3237.7
5°	9286.0	8885.0	8189.6	7662.4	7070.5	6352.4	5773.5	5181.6	4744.9	3968.6	3289.4
2.5°	9256.9	8936.7	8257.5	7694.7	7167.5	6407.4	5860.8	5201.0	4770.8	4036.6	3325.0
0°	9363.7	8940.0	8328.6	7704.4	7232.2	6426.8	5899.6	5184.8	4735.2	4056.0	3321.8
-2.5°	9134.0	8749.1	8312.5	7620.3	7144.8	6381.5	5828.4	5133.0	4657.6	4033.3	3308.8
-5°	9095.2	8610.0	8176.6	7542.7	6999.3	6287.7	5695.8	5036.0	4534.7	3958.9	3257.1
-7.5°	8991.7	8477.4	8044.0	7481.2	6863.5	6190.7	5569.7	4935.7	4402.1	3842.5	3182.7
-10°	8765.3	8273.7	7901.7	7348.6	6698.5	6051.6	5417.7	4803.1	4246.8	3684.0	3066.2
-12.5°	8441.9	7950.2	7581.5	7067.2	6491.5	5864.0	5236.5	4631.7	4068.9	3515.8	2927.2
-15°	8076.4	7578.3	7209.5	6740.5	6184.2	5572.9	5006.9	4415.0	3865.1	3337.9	2762.2
-17.5°	7662.4	7190.1	6834.3	6378.3	5825.2	5243.0	4680.2	4143.3	3629.0	3153.6	2571.4
-20°	7183.7	6724.4	6397.7	5941.6	5433.8	4867.8	4321.2	3813.4	3350.9	2904.5	2361.1

REPORT NUMBER: P722374

CATALOG NUMBER: IFLD-S-SA3E-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°	6591.8	6187.5	5815.5	5408.0	4964.8	4447.3	3939.5	3489.9	3046.8	2610.2	2144.4
-25°	5986.9	5595.6	5233.3	4861.3	4437.6	3991.3	3557.9	3150.3	2716.9	2322.3	1934.2
-27.5°	5314.2	4964.8	4641.4	4298.6	3910.4	3525.5	3169.7	2771.9	2396.7	2060.3	1727.2
-30°	4596.1	4311.5	4030.1	3726.1	3412.3	3088.9	2771.9	2396.7	2102.4	1833.9	1552.5
-32.5°	3907.2	3651.7	3425.3	3198.8	2927.2	2661.9	2380.5	2102.4	1856.6	1620.4	1384.3
-35°	3302.3	3030.7	2904.5	2723.4	2506.7	2267.3	2037.7	1843.6	1646.3	1432.9	1222.6
-37.5°	2778.4	2603.7	2454.9	2319.1	2147.7	1940.7	1775.7	1617.2	1452.3	1258.2	1077.1
-40°	2367.6	2241.5	2092.7	1992.4	1853.3	1704.5	1539.6	1407.0	1267.9	1109.4	960.6
-42.5°	2037.7	1934.2	1837.2	1730.4	1626.9	1500.8	1358.5	1232.3	1106.2	989.7	866.8
-45°	1766.0	1691.6	1614.0	1526.6	1436.1	1326.1	1209.7	1080.3	989.7	886.2	782.7
-47.5°	1542.8	1487.8	1423.1	1355.2	1277.6	1180.6	1073.8	980.0	886.2	798.9	698.6
-50°	1364.9	1313.2	1261.4	1203.2	1135.3	1051.2	970.3	883.0	795.7	711.6	617.8
-52.5°	1216.1	1170.9	1128.8	1080.3	1015.6	944.5	870.1	792.4	711.6	627.5	553.1
-55°	1112.6	1060.9	1018.8	970.3	912.1	844.2	776.3	705.1	627.5	562.8	501.3
-57.5°	1028.5	970.3	921.8	870.1	811.8	753.6	692.2	627.5	569.3	507.8	449.6
-60°	957.4	889.5	834.5	782.7	727.7	672.8	621.0	566.0	511.0	456.1	397.8
-62.5°	883.0	811.8	743.9	695.4	653.4	604.8	559.6	507.8	459.3	404.3	362.3
-65°	798.9	731.0	666.3	624.2	585.4	543.4	501.3	456.1	414.0	372.0	333.1
-67.5°	705.1	646.9	601.6	562.8	524.0	488.4	449.6	410.8	375.2	333.1	294.3
-70°	591.9	559.6	533.7	504.6	469.0	436.6	401.1	365.5	326.7	291.1	255.5
-72.5°	504.6	485.2	465.8	436.6	404.3	375.2	346.1	313.7	281.4	249.1	219.9
-75°	414.0	397.8	381.7	362.3	336.4	313.7	287.9	258.8	232.9	210.2	187.6
-77.5°	333.1	320.2	310.5	294.3	274.9	255.5	239.3	219.9	200.5	177.9	155.3
-80°	265.2	258.8	255.5	249.1	232.9	216.7	203.8	187.6	168.2	152.0	135.8
-82.5°	207.0	207.0	203.8	200.5	187.6	174.7	165.0	152.0	139.1	126.1	110.0
-85°	152.0	148.8	148.8	145.5	135.8	129.4	119.7	113.2	103.5	90.6	84.1
-87.5°	90.6	87.3	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: P722374

CATALOG NUMBER: IFLD-S-SA3E-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	22.6	16.2	12.9	9.7	6.5	3.2	3.2
77.5°	35.6	32.3	32.3	29.1	29.1	25.9	19.4	16.2	9.7	6.5	3.2
75°	35.6	35.6	35.6	32.3	32.3	29.1	25.9	19.4	16.2	9.7	6.5
72.5°	38.8	35.6	35.6	35.6	32.3	29.1	25.9	22.6	19.4	12.9	6.5
70°	35.6	35.6	35.6	35.6	32.3	32.3	25.9	22.6	22.6	12.9	9.7
67.5°	35.6	35.6	35.6	32.3	32.3	29.1	25.9	22.6	22.6	16.2	9.7
65°	38.8	35.6	35.6	35.6	32.3	29.1	25.9	22.6	22.6	19.4	12.9
62.5°	42.0	38.8	38.8	35.6	32.3	29.1	25.9	22.6	22.6	19.4	12.9
60°	45.3	42.0	38.8	38.8	35.6	32.3	25.9	25.9	22.6	19.4	12.9
57.5°	48.5	45.3	45.3	42.0	38.8	35.6	29.1	25.9	22.6	19.4	16.2
55°	58.2	51.8	48.5	48.5	45.3	38.8	32.3	25.9	22.6	19.4	16.2
52.5°	77.6	61.5	55.0	55.0	51.8	45.3	35.6	29.1	22.6	19.4	16.2
50°	122.9	77.6	64.7	58.2	58.2	51.8	42.0	32.3	22.6	19.4	16.2
47.5°	194.1	129.4	77.6	67.9	64.7	61.5	48.5	32.3	25.9	19.4	16.2
45°	320.2	190.8	126.1	80.9	67.9	64.7	55.0	35.6	25.9	22.6	16.2
42.5°	439.9	297.6	194.1	97.0	80.9	71.2	58.2	38.8	29.1	22.6	16.2
40°	692.2	407.5	271.7	158.5	93.8	74.4	64.7	45.3	29.1	22.6	16.2
37.5°	938.0	540.1	365.5	232.9	106.7	84.1	67.9	48.5	32.3	22.6	19.4
35°	1183.8	756.9	452.8	310.5	142.3	100.3	71.2	51.8	32.3	22.6	19.4
32.5°	1403.7	960.6	543.4	388.1	213.5	119.7	77.6	55.0	35.6	25.9	19.4
30°	1584.9	1148.2	705.1	456.1	278.2	145.5	84.1	55.0	38.8	25.9	19.4
27.5°	1720.7	1293.8	870.1	527.2	333.1	171.4	97.0	61.5	38.8	25.9	19.4
25°	1830.7	1407.0	1015.6	601.6	381.7	213.5	116.4	64.7	42.0	29.1	19.4
22.5°	1918.0	1500.8	1135.3	701.9	439.9	255.5	142.3	71.2	42.0	29.1	19.4
20°	2037.7	1594.6	1216.1	808.6	501.3	294.3	165.0	77.6	42.0	29.1	22.6
17.5°	2141.2	1688.4	1280.8	899.2	562.8	323.4	190.8	84.1	45.3	29.1	22.6
15°	2260.9	1778.9	1339.1	970.3	621.0	349.3	213.5	90.6	45.3	32.3	22.6
12.5°	2390.2	1863.0	1381.1	1028.5	682.5	372.0	232.9	103.5	48.5	32.3	22.6
10°	2522.9	1934.2	1416.7	1070.6	727.7	394.6	245.8	116.4	51.8	32.3	22.6
7.5°	2655.5	1998.9	1462.0	1090.0	747.2	420.5	252.3	129.4	51.8	35.6	22.6
5°	2746.0	2040.9	1526.6	1102.9	756.9	449.6	262.0	145.5	55.0	35.6	22.6
2.5°	2823.7	2066.8	1594.6	1112.6	760.1	465.8	258.8	155.3	58.2	35.6	22.6
0°	2859.2	2066.8	1639.9	1106.2	750.4	481.9	258.8	165.0	58.2	35.6	22.6
-2.5°	2804.2	2125.0	1626.9	1109.4	753.6	481.9	271.7	168.2	64.7	38.8	22.6
-5°	2716.9	2147.7	1588.1	1093.2	747.2	481.9	287.9	171.4	67.9	38.8	25.9
-7.5°	2632.8	2157.4	1542.8	1077.1	737.4	469.0	291.1	168.2	74.4	42.0	25.9
-10°	2522.9	2050.6	1484.6	1048.0	718.0	459.3	297.6	168.2	77.6	42.0	25.9
-12.5°	2396.7	1921.2	1413.4	1005.9	695.4	449.6	300.8	168.2	80.9	45.3	25.9
-15°	2251.2	1788.6	1332.6	960.6	663.1	436.6	294.3	165.0	84.1	45.3	29.1
-17.5°	2086.2	1659.3	1248.5	905.6	627.5	420.5	281.4	161.7	84.1	45.3	29.1
-20°	1898.6	1529.9	1154.7	850.7	585.4	401.1	268.5	155.3	84.1	45.3	29.1



REPORT NUMBER: P722374

CATALOG NUMBER: IFLD-S-SA3E-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°	1730.4	1410.2	1057.7	789.2	540.1	378.4	252.3	148.8	84.1	48.5	29.1
-25°	1591.3	1293.8	983.3	727.7	491.6	352.6	236.1	142.3	84.1	48.5	29.1
-27.5°	1445.8	1167.6	905.6	669.5	459.3	329.9	219.9	135.8	80.9	48.5	29.1
-30°	1297.0	1044.7	824.8	604.8	426.9	307.3	207.0	126.1	80.9	48.5	29.1
-32.5°	1161.2	944.5	750.4	540.1	391.4	284.6	194.1	122.9	77.6	48.5	29.1
-35°	1028.5	853.9	672.8	488.4	352.6	262.0	181.1	119.7	77.6	48.5	29.1
-37.5°	918.6	769.8	601.6	452.8	329.9	242.6	168.2	113.2	74.4	48.5	29.1
-40°	828.0	692.2	533.7	414.0	310.5	223.2	155.3	110.0	74.4	48.5	29.1
-42.5°	743.9	617.8	491.6	381.7	291.1	210.2	145.5	106.7	71.2	48.5	29.1
-45°	669.5	553.1	449.6	352.6	268.5	194.1	139.1	100.3	67.9	48.5	32.3
-47.5°	595.1	507.8	410.8	326.7	245.8	174.7	132.6	97.0	64.7	45.3	32.3
-50°	536.9	459.3	378.4	297.6	223.2	168.2	126.1	90.6	64.7	45.3	32.3
-52.5°	485.2	414.0	342.8	268.5	203.8	158.5	119.7	84.1	61.5	45.3	32.3
-55°	436.6	372.0	307.3	239.3	190.8	148.8	110.0	77.6	61.5	45.3	32.3
-57.5°	388.1	333.1	271.7	216.7	174.7	139.1	103.5	77.6	61.5	45.3	32.3
-60°	349.3	297.6	245.8	200.5	161.7	126.1	93.8	74.4	58.2	45.3	32.3
-62.5°	317.0	268.5	223.2	181.1	148.8	113.2	90.6	74.4	58.2	45.3	29.1
-65°	284.6	242.6	200.5	165.0	132.6	106.7	87.3	71.2	58.2	45.3	29.1
-67.5°	252.3	213.5	181.1	145.5	122.9	103.5	84.1	71.2	55.0	42.0	29.1
-70°	219.9	187.6	158.5	135.8	116.4	97.0	80.9	67.9	55.0	38.8	25.9
-72.5°	194.1	165.0	142.3	126.1	110.0	93.8	77.6	64.7	51.8	35.6	22.6
-75°	165.0	145.5	129.4	113.2	100.3	87.3	74.4	58.2	45.3	32.3	22.6
-77.5°	139.1	126.1	113.2	103.5	90.6	77.6	64.7	51.8	42.0	29.1	19.4
-80°	119.7	110.0	100.3	90.6	80.9	67.9	58.2	45.3	35.6	25.9	16.2
-82.5°	97.0	90.6	80.9	74.4	67.9	58.2	48.5	38.8	25.9	19.4	12.9
-85°	74.4	67.9	64.7	58.2	51.8	42.0	32.3	25.9	19.4	12.9	6.5
-87.5°	38.8	35.6	32.3	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: P722374

CATALOG NUMBER: IFLD-S-SA3E-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: P722374

CATALOG NUMBER: IFLD-S-SA3E-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)