

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: P722370

Luminaire Tested: **IFLD-S-SA3A-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722370
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-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

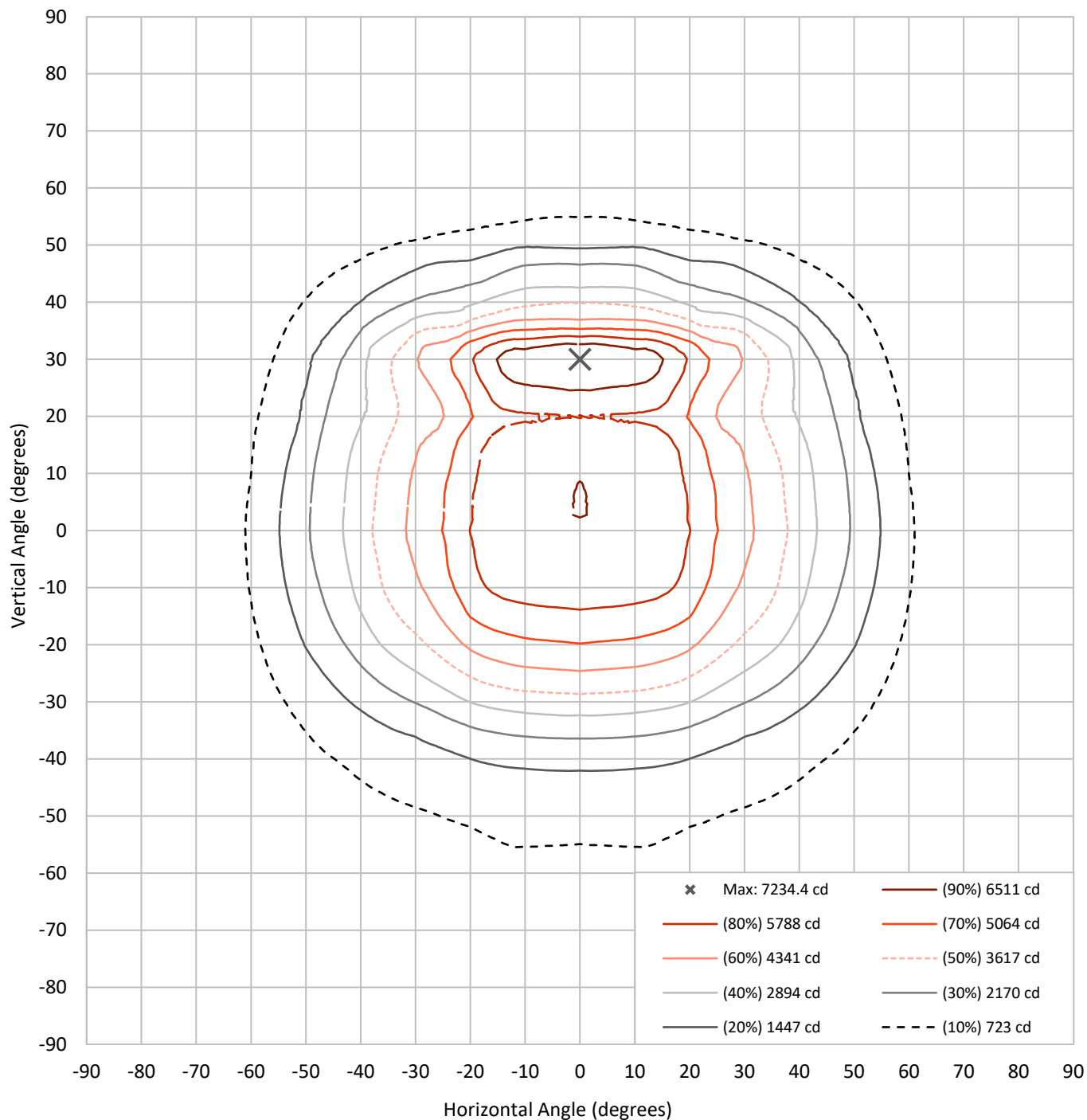
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	10362.8 lumens	Max Intensity:	7234.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	109.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	6611 lumens	Field Lumens:	9769.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	94.8		
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		



REPORT NUMBER: P722370

CATALOG NUMBER: IFLD-S-SA3A-722-U-76-VI

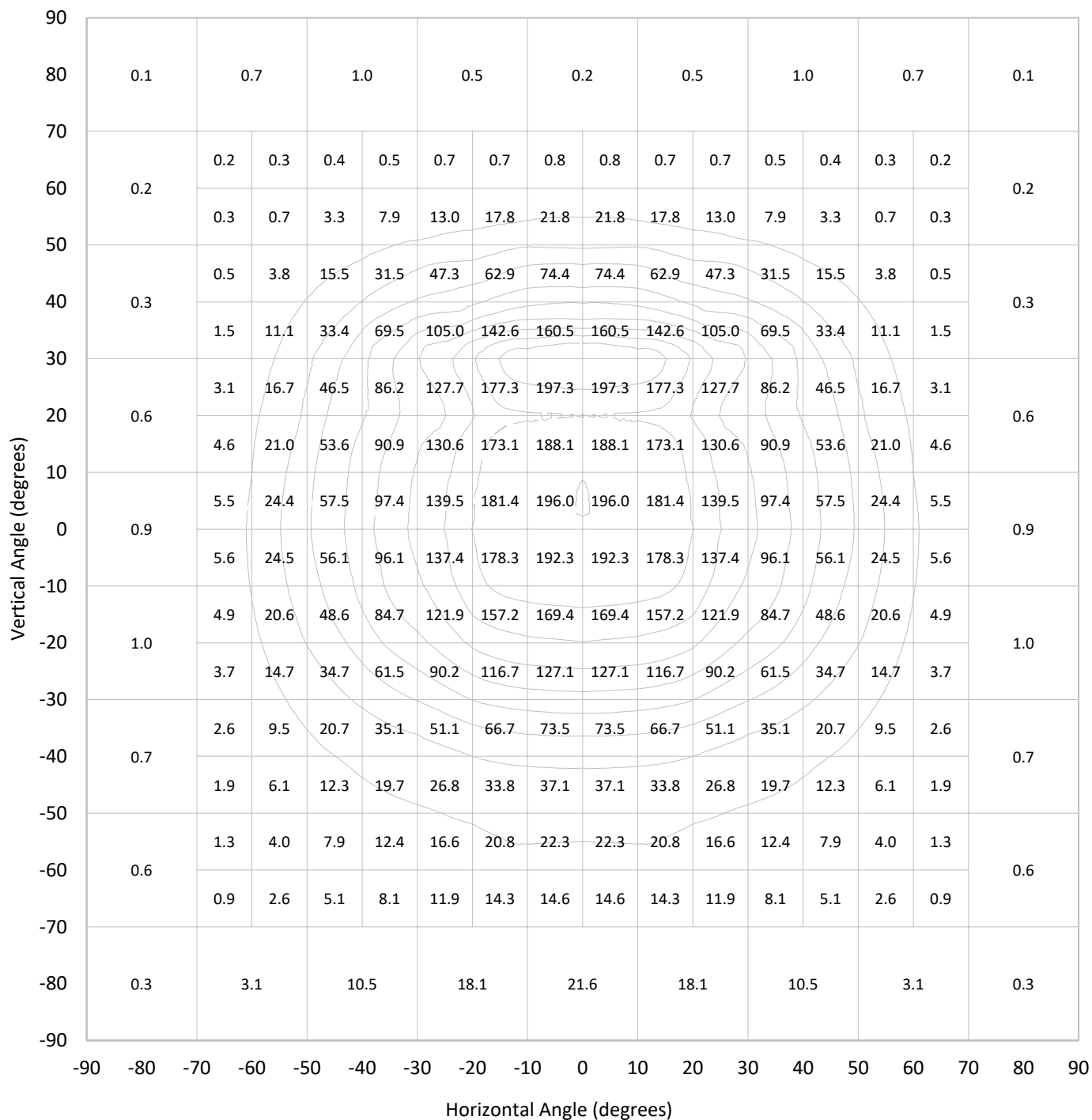
Iso-Candela Plot



REPORT NUMBER: P722370

CATALOG NUMBER: IFLD-S-SA3A-722-U-76-VI

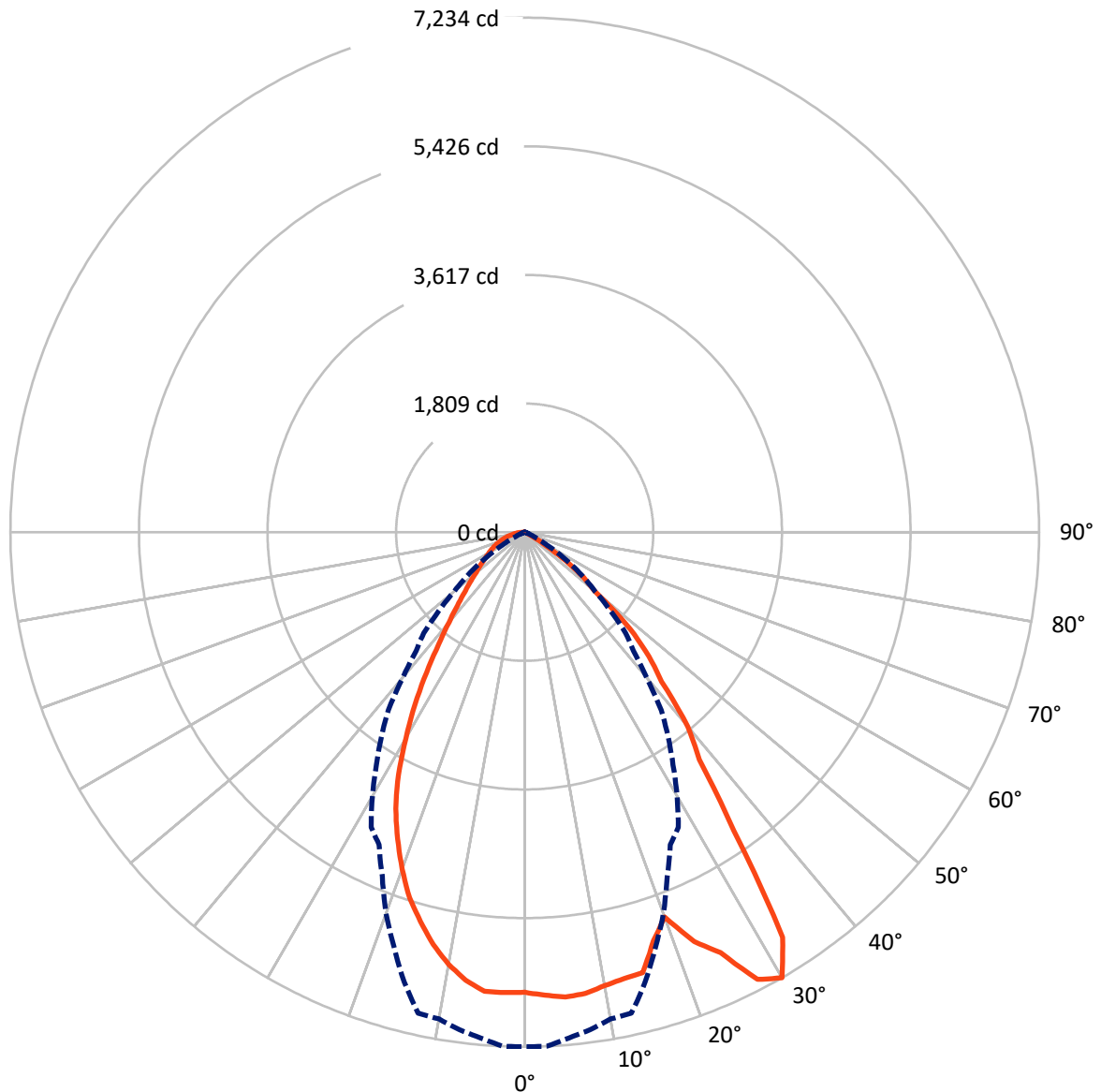
Lumen Table



REPORT NUMBER: P722370

CATALOG NUMBER: IFLD-S-SA3A-722-U-76-VI

Luminous Intensity Polar Plot

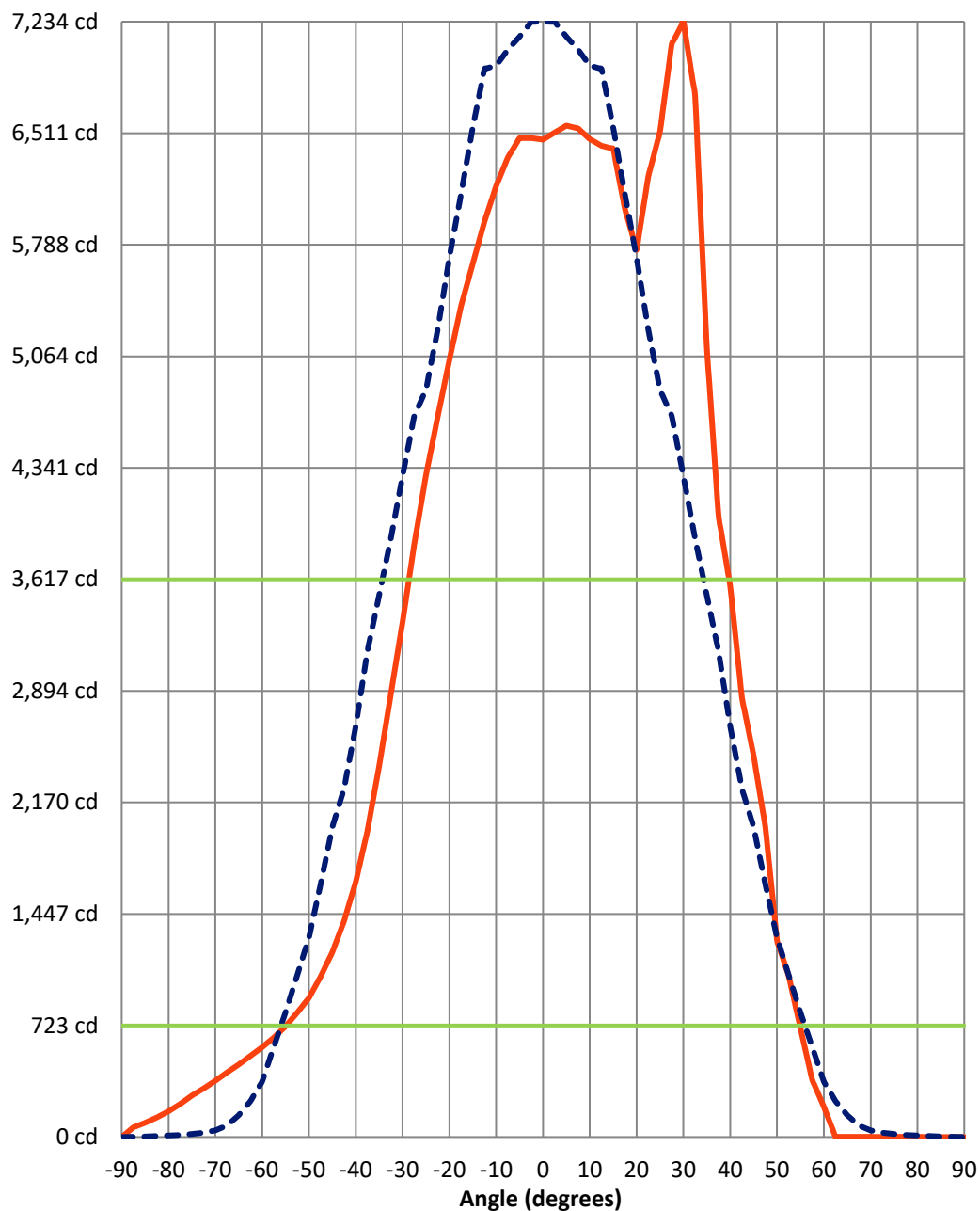


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722370

CATALOG NUMBER: IFLD-S-SA3A-722-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 6611

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 9769.8

Efficiency: 94.3%

Spill:

Lumens: 593

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722370

CATALOG NUMBER: IFLD-S-SA3A-722-U-76-VI

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	1.6	1.6	1.6	1.6	1.6	1.6	1.6
85°	0.0	1.6	1.6	1.6	3.3	3.3	3.3	3.3	3.3	3.3	4.9
82.5°	0.0	1.6	1.6	1.6	3.3	3.3	3.3	3.3	4.9	4.9	6.6
80°	1.6	1.6	1.6	1.6	3.3	3.3	3.3	4.9	4.9	6.6	6.6
77.5°	1.6	1.6	1.6	3.3	3.3	3.3	4.9	4.9	6.6	6.6	8.2
75°	1.6	1.6	1.6	3.3	3.3	4.9	4.9	4.9	6.6	6.6	8.2
72.5°	0.0	1.6	1.6	3.3	3.3	4.9	4.9	4.9	6.6	6.6	6.6
70°	1.6	1.6	1.6	3.3	3.3	4.9	4.9	4.9	6.6	6.6	6.6
67.5°	1.6	1.6	1.6	3.3	3.3	4.9	4.9	6.6	6.6	6.6	8.2
65°	1.6	1.6	1.6	3.3	4.9	4.9	6.6	8.2	8.2	9.9	11.5
62.5°	1.6	3.3	3.3	4.9	6.6	8.2	18.1	28.0	28.0	19.8	16.5
60°	196.3	212.8	211.2	191.4	166.6	140.2	135.3	130.3	120.4	105.6	110.5
57.5°	372.9	392.7	400.9	396.0	382.8	359.7	346.5	331.6	311.8	288.7	262.3
55°	706.1	714.4	696.2	661.6	623.6	585.7	572.5	552.7	523.0	493.3	453.7
52.5°	1044.3	1072.4	1064.1	1029.5	978.3	910.7	836.5	778.7	744.1	711.1	671.5
50°	1275.3	1286.9	1310.0	1351.2	1366.0	1319.8	1199.4	1044.3	933.8	989.9	947.0
47.5°	2012.8	2070.5	2059.0	2029.3	1979.8	1854.4	1686.1	1547.5	1432.0	1394.1	1400.7
45°	2473.1	2496.2	2487.9	2474.7	2451.6	2334.5	2148.1	1935.2	1828.0	1785.1	1740.6
42.5°	2850.9	2875.6	2880.6	2882.2	2857.5	2750.2	2582.0	2369.1	2261.9	2138.2	2040.8
40°	3571.8	3608.1	3566.9	3512.4	3430.0	3307.9	3142.9	2946.6	2756.8	2605.1	2489.6
37.5°	4032.1	4076.7	4093.2	4089.9	4071.7	4018.9	3816.0	3629.6	3339.2	2999.4	3060.4
35°	5124.3	5170.5	5157.3	5107.8	5081.4	5025.3	4827.3	4606.3	4241.7	3872.1	3773.1
32.5°	6752.7	6853.3	6665.2	6459.0	6332.0	6376.5	6175.2	5634.1	5465.8	4799.3	4490.8
30°	7234.4	7232.8	7137.1	7052.9	6949.0	6927.6	6548.1	6115.9	5703.4	5236.5	4847.1
27.5°	7087.6	7057.9	6977.1	6916.0	6818.7	6767.5	6396.3	6053.2	5576.4	5159.0	4782.8
25°	6521.7	6544.8	6462.3	6450.8	6412.8	6313.8	6129.0	5743.0	5317.3	4855.4	4584.8
22.5°	6229.7	6221.4	6122.5	6064.7	6110.9	6005.3	5931.1	5541.7	5097.9	4708.6	4383.5
20°	5754.5	5756.2	5731.4	5726.5	5698.4	5650.6	5591.2	5315.7	5002.2	4669.0	4278.0
17.5°	6020.2	6087.8	6117.5	5871.7	5941.0	5886.5	5823.8	5439.4	5203.5	4908.2	4398.4
15°	6409.5	6384.8	6355.1	6341.9	6303.9	6252.8	6138.9	5832.1	5426.2	5121.0	4723.4
12.5°	6429.3	6381.5	6369.9	6368.3	6328.7	6257.7	6147.2	5893.1	5533.5	5162.3	4838.9
10°	6472.2	6422.7	6416.1	6424.4	6363.3	6318.8	6208.2	5972.3	5566.5	5233.2	4928.0
7.5°	6541.5	6459.0	6497.0	6472.2	6444.2	6373.2	6254.4	6023.5	5686.9	5327.2	5007.2
5°	6559.7	6468.9	6510.2	6487.1	6445.8	6376.5	6247.8	6056.5	5761.1	5365.2	5038.5
2.5°	6515.1	6488.7	6470.6	6427.7	6409.5	6333.6	6211.5	6007.0	5726.5	5348.7	5031.9
0°	6468.9	6492.0	6450.8	6407.9	6399.6	6338.6	6234.6	6049.9	5807.3	5394.9	5088.0
-2.5°	6478.8	6460.7	6432.6	6388.1	6345.2	6257.7	6163.7	5990.5	5729.8	5294.2	5008.8
-5°	6478.8	6394.7	6398.0	6399.6	6356.7	6266.0	6152.1	6005.3	5683.6	5292.6	4985.7
-7.5°	6353.4	6280.8	6269.3	6259.4	6247.8	6163.7	6074.6	5891.5	5606.1	5249.7	4921.4
-10°	6168.6	6097.7	6104.3	6089.5	6053.2	5997.1	5929.4	5764.4	5530.2	5114.4	4791.1
-12.5°	5937.7	5906.3	5888.2	5863.4	5827.1	5777.6	5708.3	5553.3	5302.5	4947.8	4640.9
-15°	5663.8	5640.7	5624.2	5609.4	5556.6	5505.4	5414.7	5271.1	5114.4	4733.3	4419.8
-17.5°	5389.9	5332.2	5309.1	5289.3	5254.6	5172.2	5089.7	4982.4	4763.0	4461.1	4192.2
-20°	5038.5	5003.9	4975.8	4949.4	4899.9	4835.6	4768.0	4644.2	4454.5	4210.3	3931.5

REPORT NUMBER: P722370

CATALOG NUMBER: IFLD-S-SA3A-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	4670.6	4650.8	4627.7	4594.7	4561.7	4500.7	4406.6	4287.9	4139.4	3875.4	3614.7
-25°	4291.2	4253.2	4225.2	4193.8	4167.4	4111.3	4020.6	3906.8	3720.3	3492.7	3274.9
-27.5°	3844.1	3807.8	3792.9	3756.6	3733.5	3682.4	3591.6	3486.1	3317.8	3126.4	2905.3
-30°	3339.2	3345.8	3329.3	3294.7	3266.6	3200.6	3131.3	3042.3	2910.3	2727.1	2529.2
-32.5°	2872.3	2880.6	2860.8	2824.5	2788.2	2740.3	2676.0	2595.2	2496.2	2321.3	2149.7
-35°	2405.4	2402.1	2385.6	2364.2	2339.4	2299.8	2227.2	2166.2	2052.4	1930.3	1811.5
-37.5°	1986.4	1994.6	1989.7	1978.1	1950.1	1917.1	1857.7	1801.6	1717.5	1610.2	1517.8
-40°	1654.8	1664.7	1658.1	1646.5	1621.8	1602.0	1562.4	1512.9	1445.2	1352.8	1275.3
-42.5°	1400.7	1407.3	1399.0	1389.1	1367.7	1352.8	1321.5	1280.3	1224.2	1153.2	1083.9
-45°	1199.4	1201.1	1192.8	1186.2	1169.7	1151.6	1125.2	1092.2	1047.6	998.1	942.0
-47.5°	1041.0	1039.4	1031.1	1024.5	1011.3	994.8	973.4	943.7	909.0	871.1	826.6
-50°	902.4	910.7	907.4	900.8	890.9	879.3	857.9	826.6	791.9	763.9	732.5
-52.5°	806.8	808.4	806.8	806.8	805.1	796.9	772.1	740.8	702.8	678.1	651.7
-55°	717.7	725.9	729.2	732.5	734.2	734.2	704.5	671.5	635.2	610.4	590.6
-57.5°	645.1	650.0	653.3	661.6	668.2	673.1	646.7	617.0	589.0	565.9	547.7
-60°	582.4	589.0	593.9	602.2	607.1	610.4	593.9	574.1	557.6	542.8	516.4
-62.5°	526.3	531.2	536.2	541.1	546.1	549.4	542.8	532.9	524.6	518.0	485.0
-65°	470.2	475.1	480.1	486.7	491.6	494.9	493.3	486.7	480.1	473.5	443.8
-67.5°	419.1	424.0	430.6	432.3	435.6	437.2	433.9	429.0	420.7	412.5	389.4
-70°	364.6	367.9	371.2	371.2	371.2	369.6	366.3	359.7	351.4	339.9	321.7
-72.5°	315.1	318.4	321.7	316.8	313.5	308.5	303.6	295.3	287.1	278.8	268.9
-75°	268.9	270.6	270.6	264.0	259.0	254.1	247.5	242.5	234.3	227.7	219.4
-77.5°	214.5	214.5	214.5	209.5	206.2	202.9	198.0	193.0	186.4	181.5	174.9
-80°	166.6	166.6	166.6	165.0	160.0	156.7	153.4	150.1	145.2	141.9	138.6
-82.5°	127.0	127.0	127.0	125.4	122.1	120.4	117.1	113.8	112.2	108.9	107.2
-85°	92.4	94.0	94.0	92.4	90.7	87.4	85.8	84.1	82.5	80.8	77.5
-87.5°	62.7	62.7	62.7	61.0	59.4	59.4	57.7	54.4	51.1	49.5	47.8
-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: P722370

CATALOG NUMBER: IFLD-S-SA3A-722-U-76-VI

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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
85°	4.9	4.9	4.9	6.6	6.6	6.6	6.6	6.6	6.6	6.6	4.9
82.5°	8.2	8.2	9.9	9.9	11.5	11.5	11.5	11.5	11.5	11.5	11.5
80°	8.2	9.9	11.5	13.2	14.8	16.5	16.5	16.5	16.5	14.8	14.8
77.5°	9.9	9.9	11.5	13.2	14.8	16.5	18.1	19.8	18.1	18.1	18.1
75°	9.9	11.5	11.5	13.2	14.8	16.5	18.1	19.8	19.8	19.8	19.8
72.5°	8.2	9.9	11.5	13.2	13.2	14.8	16.5	16.5	18.1	18.1	19.8
70°	8.2	9.9	11.5	11.5	13.2	13.2	14.8	16.5	16.5	18.1	18.1
67.5°	9.9	11.5	11.5	13.2	14.8	14.8	14.8	16.5	16.5	18.1	18.1
65°	11.5	13.2	13.2	14.8	16.5	16.5	18.1	18.1	18.1	19.8	19.8
62.5°	19.8	19.8	19.8	18.1	19.8	19.8	19.8	21.4	21.4	19.8	21.4
60°	102.3	74.2	51.1	64.3	57.7	26.4	26.4	26.4	24.7	24.7	23.1
57.5°	240.9	224.4	193.0	163.3	146.8	130.3	80.8	33.0	33.0	29.7	26.4
55°	402.6	348.1	325.0	285.4	242.5	222.7	184.8	125.4	59.4	39.6	34.6
52.5°	623.6	572.5	513.1	432.3	374.5	328.3	297.0	235.9	158.4	84.1	52.8
50°	834.8	811.7	775.4	696.2	575.8	498.2	447.1	377.8	283.8	173.2	99.0
47.5°	1344.6	1151.6	1034.4	973.4	872.8	725.9	626.9	549.4	435.6	292.0	174.9
45°	1692.7	1570.6	1384.2	1255.5	1107.0	951.9	823.3	734.2	598.9	437.2	273.9
42.5°	1991.3	1885.7	1717.5	1529.4	1372.6	1169.7	1004.7	887.6	773.8	597.2	409.2
40°	2375.7	2250.3	2088.7	1905.5	1722.4	1463.4	1196.1	1054.2	928.8	772.1	552.7
37.5°	3009.3	2788.2	2524.2	2321.3	2082.1	1862.6	1496.4	1245.6	1097.1	933.8	721.0
35°	3771.5	3528.9	3088.4	2819.5	2499.5	2172.8	1842.8	1471.6	1260.5	1087.2	876.0
32.5°	4480.9	4126.2	3561.9	3246.8	3034.0	2431.8	2090.3	1768.6	1428.7	1215.9	965.1
30°	4677.2	4286.2	3882.0	3514.1	3151.1	2664.4	2260.2	2009.5	1639.9	1293.5	1049.3
27.5°	4479.2	4210.3	3896.9	3555.3	3162.7	2745.3	2364.2	2125.0	1795.0	1346.2	1115.3
25°	4278.0	3997.5	3778.1	3492.7	3129.7	2740.3	2367.5	2197.5	1915.4	1448.5	1151.6
22.5°	4065.1	3890.3	3708.8	3390.4	3047.2	2755.2	2474.7	2260.2	1978.1	1564.0	1166.4
20°	4076.7	3962.8	3763.2	3337.6	3032.4	2842.6	2603.4	2339.4	2045.8	1664.7	1178.0
17.5°	4261.5	4113.0	3862.2	3492.7	3166.0	2931.7	2710.6	2448.3	2115.1	1753.7	1318.2
15°	4489.1	4263.1	4000.8	3675.8	3306.2	3029.1	2793.1	2524.2	2194.2	1836.2	1443.6
12.5°	4654.1	4332.4	4086.6	3792.9	3458.0	3134.6	2847.6	2582.0	2268.5	1903.9	1537.6
10°	4710.2	4418.2	4127.8	3865.5	3535.5	3190.7	2888.8	2618.3	2332.8	1956.7	1606.9
7.5°	4739.9	4492.4	4155.9	3898.5	3581.7	3225.4	2921.8	2638.0	2384.0	1993.0	1651.5
5°	4736.6	4532.0	4177.3	3908.4	3606.5	3240.2	2944.9	2643.0	2420.3	2024.3	1677.9
2.5°	4721.8	4558.4	4212.0	3924.9	3656.0	3268.3	2989.5	2652.9	2433.5	2059.0	1696.0
0°	4776.2	4560.1	4248.3	3929.9	3689.0	3278.2	3009.3	2644.6	2415.3	2068.9	1694.4
-2.5°	4659.1	4462.7	4240.0	3887.0	3644.4	3255.1	2973.0	2618.3	2375.7	2057.3	1687.8
-5°	4639.3	4391.8	4170.7	3847.4	3570.2	3207.2	2905.3	2568.8	2313.0	2019.4	1661.4
-7.5°	4586.5	4324.2	4103.1	3816.0	3500.9	3157.7	2841.0	2517.6	2245.4	1960.0	1623.4
-10°	4471.0	4220.2	4030.5	3748.4	3416.8	3086.8	2763.4	2450.0	2166.2	1879.1	1564.0
-12.5°	4306.0	4055.2	3867.2	3604.8	3311.2	2991.1	2671.0	2362.5	2075.5	1793.3	1493.1
-15°	4119.6	3865.5	3677.4	3438.2	3154.4	2842.6	2553.9	2252.0	1971.5	1702.6	1408.9
-17.5°	3908.4	3667.5	3486.1	3253.4	2971.3	2674.3	2387.3	2113.4	1851.1	1608.6	1311.6
-20°	3664.2	3430.0	3263.3	3030.7	2771.7	2483.0	2204.1	1945.1	1709.2	1481.5	1204.4

REPORT NUMBER: P722370

CATALOG NUMBER: IFLD-S-SA3A-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°	3362.3	3156.1	2966.4	2758.5	2532.5	2268.5	2009.5	1780.1	1554.1	1331.4	1093.8
-25°	3053.8	2854.2	2669.4	2479.7	2263.5	2035.9	1814.8	1606.9	1385.8	1184.6	986.6
-27.5°	2710.6	2532.5	2367.5	2192.6	1994.6	1798.3	1616.8	1413.9	1222.5	1050.9	881.0
-30°	2344.4	2199.2	2055.7	1900.6	1740.6	1575.6	1413.9	1222.5	1072.4	935.4	791.9
-32.5°	1993.0	1862.6	1747.2	1631.7	1493.1	1357.8	1214.3	1072.4	947.0	826.6	706.1
-35°	1684.5	1545.9	1481.5	1389.1	1278.6	1156.5	1039.4	940.4	839.8	730.9	623.6
-37.5°	1417.2	1328.1	1252.2	1182.9	1095.5	989.9	905.7	824.9	740.8	641.8	549.4
-40°	1207.7	1143.3	1067.4	1016.3	945.3	869.5	785.3	717.7	646.7	565.9	490.0
-42.5°	1039.4	986.6	937.1	882.6	829.9	765.5	692.9	628.6	564.2	504.8	442.1
-45°	900.8	862.9	823.3	778.7	732.5	676.4	617.0	551.0	504.8	452.0	399.3
-47.5°	787.0	758.9	725.9	691.3	651.7	602.2	547.7	499.9	452.0	407.5	356.4
-50°	696.2	669.8	643.4	613.7	579.1	536.2	494.9	450.4	405.9	363.0	315.1
-52.5°	620.3	597.2	575.8	551.0	518.0	481.7	443.8	404.2	363.0	320.1	282.1
-55°	567.5	541.1	519.7	494.9	465.2	430.6	396.0	359.7	320.1	287.1	255.7
-57.5°	524.6	494.9	470.2	443.8	414.1	384.4	353.1	320.1	290.4	259.0	229.3
-60°	488.3	453.7	425.7	399.3	371.2	343.2	316.8	288.7	260.7	232.6	202.9
-62.5°	450.4	414.1	379.5	354.7	333.3	308.5	285.4	259.0	234.3	206.2	184.8
-65°	407.5	372.9	339.9	318.4	298.6	277.2	255.7	232.6	211.2	189.7	169.9
-67.5°	359.7	330.0	306.9	287.1	267.3	249.1	229.3	209.5	191.4	169.9	150.1
-70°	301.9	285.4	272.2	257.4	239.2	222.7	204.6	186.4	166.6	148.5	130.3
-72.5°	257.4	247.5	237.6	222.7	206.2	191.4	176.5	160.0	143.5	127.0	112.2
-75°	211.2	202.9	194.7	184.8	171.6	160.0	146.8	132.0	118.8	107.2	95.7
-77.5°	169.9	163.3	158.4	150.1	140.2	130.3	122.1	112.2	102.3	90.7	79.2
-80°	135.3	132.0	130.3	127.0	118.8	110.5	103.9	95.7	85.8	77.5	69.3
-82.5°	105.6	105.6	103.9	102.3	95.7	89.1	84.1	77.5	70.9	64.3	56.1
-85°	77.5	75.9	75.9	74.2	69.3	66.0	61.0	57.7	52.8	46.2	42.9
-87.5°	46.2	44.5	42.9	41.2	37.9	36.3	33.0	31.3	28.0	24.7	23.1
-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: P722370

CATALOG NUMBER: IFLD-S-SA3A-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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.0	0.0
85°	4.9	3.3	3.3	3.3	3.3	3.3	1.6	1.6	1.6	1.6	1.6
82.5°	9.9	9.9	8.2	8.2	6.6	4.9	3.3	3.3	3.3	1.6	1.6
80°	14.8	14.8	14.8	13.2	11.5	8.2	6.6	4.9	3.3	1.6	1.6
77.5°	18.1	16.5	16.5	14.8	14.8	13.2	9.9	8.2	4.9	3.3	1.6
75°	18.1	18.1	18.1	16.5	16.5	14.8	13.2	9.9	8.2	4.9	3.3
72.5°	19.8	18.1	18.1	18.1	16.5	14.8	13.2	11.5	9.9	6.6	3.3
70°	18.1	18.1	18.1	18.1	16.5	16.5	13.2	11.5	11.5	6.6	4.9
67.5°	18.1	18.1	18.1	16.5	16.5	14.8	13.2	11.5	11.5	8.2	4.9
65°	19.8	18.1	18.1	18.1	16.5	14.8	13.2	11.5	11.5	9.9	6.6
62.5°	21.4	19.8	19.8	18.1	16.5	14.8	13.2	11.5	11.5	9.9	6.6
60°	23.1	21.4	19.8	19.8	18.1	16.5	13.2	13.2	11.5	9.9	6.6
57.5°	24.7	23.1	23.1	21.4	19.8	18.1	14.8	13.2	11.5	9.9	8.2
55°	29.7	26.4	24.7	24.7	23.1	19.8	16.5	13.2	11.5	9.9	8.2
52.5°	39.6	31.3	28.0	28.0	26.4	23.1	18.1	14.8	11.5	9.9	8.2
50°	62.7	39.6	33.0	29.7	29.7	26.4	21.4	16.5	11.5	9.9	8.2
47.5°	99.0	66.0	39.6	34.6	33.0	31.3	24.7	16.5	13.2	9.9	8.2
45°	163.3	97.3	64.3	41.2	34.6	33.0	28.0	18.1	13.2	11.5	8.2
42.5°	224.4	151.8	99.0	49.5	41.2	36.3	29.7	19.8	14.8	11.5	8.2
40°	353.1	207.9	138.6	80.8	47.8	37.9	33.0	23.1	14.8	11.5	8.2
37.5°	478.4	275.5	186.4	118.8	54.4	42.9	34.6	24.7	16.5	11.5	9.9
35°	603.8	386.1	231.0	158.4	72.6	51.1	36.3	26.4	16.5	11.5	9.9
32.5°	716.0	490.0	277.2	198.0	108.9	61.0	39.6	28.0	18.1	13.2	9.9
30°	808.4	585.7	359.7	232.6	141.9	74.2	42.9	28.0	19.8	13.2	9.9
27.5°	877.7	659.9	443.8	268.9	169.9	87.4	49.5	31.3	19.8	13.2	9.9
25°	933.8	717.7	518.0	306.9	194.7	108.9	59.4	33.0	21.4	14.8	9.9
22.5°	978.3	765.5	579.1	358.0	224.4	130.3	72.6	36.3	21.4	14.8	9.9
20°	1039.4	813.4	620.3	412.5	255.7	150.1	84.1	39.6	21.4	14.8	11.5
17.5°	1092.2	861.2	653.3	458.6	287.1	165.0	97.3	42.9	23.1	14.8	11.5
15°	1153.2	907.4	683.0	494.9	316.8	178.2	108.9	46.2	23.1	16.5	11.5
12.5°	1219.2	950.3	704.5	524.6	348.1	189.7	118.8	52.8	24.7	16.5	11.5
10°	1286.9	986.6	722.6	546.1	371.2	201.3	125.4	59.4	26.4	16.5	11.5
7.5°	1354.5	1019.6	745.7	556.0	381.1	214.5	128.7	66.0	26.4	18.1	11.5
5°	1400.7	1041.0	778.7	562.6	386.1	229.3	133.6	74.2	28.0	18.1	11.5
2.5°	1440.3	1054.2	813.4	567.5	387.7	237.6	132.0	79.2	29.7	18.1	11.5
0°	1458.4	1054.2	836.5	564.2	382.8	245.8	132.0	84.1	29.7	18.1	11.5
-2.5°	1430.4	1083.9	829.9	565.9	384.4	245.8	138.6	85.8	33.0	19.8	11.5
-5°	1385.8	1095.5	810.1	557.6	381.1	245.8	146.8	87.4	34.6	19.8	13.2
-7.5°	1342.9	1100.4	787.0	549.4	376.2	239.2	148.5	85.8	37.9	21.4	13.2
-10°	1286.9	1046.0	757.3	534.5	366.3	234.3	151.8	85.8	39.6	21.4	13.2
-12.5°	1222.5	980.0	721.0	513.1	354.7	229.3	153.4	85.8	41.2	23.1	13.2
-15°	1148.3	912.3	679.7	490.0	338.2	222.7	150.1	84.1	42.9	23.1	14.8
-17.5°	1064.1	846.4	636.8	461.9	320.1	214.5	143.5	82.5	42.9	23.1	14.8
-20°	968.4	780.4	589.0	433.9	298.6	204.6	136.9	79.2	42.9	23.1	14.8

REPORT NUMBER: P722370

CATALOG NUMBER: IFLD-S-SA3A-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°	882.6	719.3	539.5	402.6	275.5	193.0	128.7	75.9	42.9	24.7	14.8
-25°	811.7	659.9	501.5	371.2	250.8	179.8	120.4	72.6	42.9	24.7	14.8
-27.5°	737.5	595.6	461.9	341.5	234.3	168.3	112.2	69.3	41.2	24.7	14.8
-30°	661.6	532.9	420.7	308.5	217.8	156.7	105.6	64.3	41.2	24.7	14.8
-32.5°	592.3	481.7	382.8	275.5	199.6	145.2	99.0	62.7	39.6	24.7	14.8
-35°	524.6	435.6	343.2	249.1	179.8	133.6	92.4	61.0	39.6	24.7	14.8
-37.5°	468.5	392.7	306.9	231.0	168.3	123.7	85.8	57.7	37.9	24.7	14.8
-40°	422.4	353.1	272.2	211.2	158.4	113.8	79.2	56.1	37.9	24.7	14.8
-42.5°	379.5	315.1	250.8	194.7	148.5	107.2	74.2	54.4	36.3	24.7	14.8
-45°	341.5	282.1	229.3	179.8	136.9	99.0	70.9	51.1	34.6	24.7	16.5
-47.5°	303.6	259.0	209.5	166.6	125.4	89.1	67.6	49.5	33.0	23.1	16.5
-50°	273.9	234.3	193.0	151.8	113.8	85.8	64.3	46.2	33.0	23.1	16.5
-52.5°	247.5	211.2	174.9	136.9	103.9	80.8	61.0	42.9	31.3	23.1	16.5
-55°	222.7	189.7	156.7	122.1	97.3	75.9	56.1	39.6	31.3	23.1	16.5
-57.5°	198.0	169.9	138.6	110.5	89.1	70.9	52.8	39.6	31.3	23.1	16.5
-60°	178.2	151.8	125.4	102.3	82.5	64.3	47.8	37.9	29.7	23.1	16.5
-62.5°	161.7	136.9	113.8	92.4	75.9	57.7	46.2	37.9	29.7	23.1	14.8
-65°	145.2	123.7	102.3	84.1	67.6	54.4	44.5	36.3	29.7	23.1	14.8
-67.5°	128.7	108.9	92.4	74.2	62.7	52.8	42.9	36.3	28.0	21.4	14.8
-70°	112.2	95.7	80.8	69.3	59.4	49.5	41.2	34.6	28.0	19.8	13.2
-72.5°	99.0	84.1	72.6	64.3	56.1	47.8	39.6	33.0	26.4	18.1	11.5
-75°	84.1	74.2	66.0	57.7	51.1	44.5	37.9	29.7	23.1	16.5	11.5
-77.5°	70.9	64.3	57.7	52.8	46.2	39.6	33.0	26.4	21.4	14.8	9.9
-80°	61.0	56.1	51.1	46.2	41.2	34.6	29.7	23.1	18.1	13.2	8.2
-82.5°	49.5	46.2	41.2	37.9	34.6	29.7	24.7	19.8	13.2	9.9	6.6
-85°	37.9	34.6	33.0	29.7	26.4	21.4	16.5	13.2	9.9	6.6	3.3
-87.5°	19.8	18.1	16.5	14.8	13.2	9.9	8.2	6.6	4.9	3.3	1.6
-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: P722370

CATALOG NUMBER: IFLD-S-SA3A-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°	1.6	0.0	0.0	0.0
77.5°	1.6	0.0	0.0	0.0
75°	1.6	1.6	0.0	0.0
72.5°	1.6	1.6	0.0	0.0
70°	1.6	1.6	0.0	0.0
67.5°	3.3	1.6	0.0	0.0
65°	3.3	1.6	0.0	0.0
62.5°	3.3	1.6	0.0	0.0
60°	3.3	1.6	0.0	0.0
57.5°	4.9	1.6	1.6	0.0
55°	4.9	1.6	1.6	0.0
52.5°	4.9	1.6	1.6	0.0
50°	4.9	3.3	1.6	0.0
47.5°	4.9	3.3	1.6	0.0
45°	4.9	3.3	1.6	0.0
42.5°	4.9	3.3	1.6	0.0
40°	6.6	3.3	1.6	0.0
37.5°	6.6	3.3	1.6	0.0
35°	6.6	3.3	1.6	0.0
32.5°	6.6	3.3	1.6	0.0
30°	6.6	3.3	1.6	0.0
27.5°	6.6	4.9	1.6	0.0
25°	6.6	4.9	1.6	0.0
22.5°	8.2	4.9	1.6	0.0
20°	8.2	4.9	1.6	0.0
17.5°	8.2	4.9	1.6	0.0
15°	8.2	4.9	1.6	0.0
12.5°	8.2	4.9	1.6	0.0
10°	8.2	4.9	1.6	0.0
7.5°	8.2	4.9	1.6	0.0
5°	8.2	4.9	1.6	0.0
2.5°	8.2	4.9	1.6	0.0
0°	8.2	4.9	1.6	0.0
-2.5°	8.2	4.9	1.6	0.0
-5°	8.2	4.9	1.6	0.0
-7.5°	8.2	4.9	1.6	0.0
-10°	8.2	4.9	1.6	0.0
-12.5°	9.9	4.9	1.6	0.0
-15°	9.9	4.9	1.6	0.0
-17.5°	9.9	4.9	1.6	0.0
-20°	9.9	4.9	1.6	0.0

REPORT NUMBER: P722370

CATALOG NUMBER: IFLD-S-SA3A-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	9.9	4.9	1.6	0.0
-25°	9.9	4.9	1.6	0.0
-27.5°	9.9	4.9	1.6	0.0
-30°	9.9	4.9	1.6	0.0
-32.5°	9.9	4.9	1.6	0.0
-35°	9.9	4.9	1.6	0.0
-37.5°	9.9	4.9	1.6	0.0
-40°	9.9	4.9	1.6	0.0
-42.5°	8.2	4.9	1.6	0.0
-45°	9.9	4.9	1.6	0.0
-47.5°	9.9	4.9	1.6	0.0
-50°	9.9	4.9	1.6	0.0
-52.5°	9.9	4.9	1.6	0.0
-55°	9.9	4.9	1.6	0.0
-57.5°	9.9	4.9	1.6	0.0
-60°	9.9	4.9	1.6	0.0
-62.5°	8.2	4.9	1.6	0.0
-65°	8.2	3.3	1.6	0.0
-67.5°	8.2	3.3	1.6	0.0
-70°	8.2	3.3	1.6	0.0
-72.5°	6.6	3.3	1.6	0.0
-75°	6.6	3.3	1.6	0.0
-77.5°	4.9	1.6	0.0	0.0
-80°	4.9	1.6	0.0	0.0
-82.5°	3.3	1.6	0.0	0.0
-85°	1.6	1.6	0.0	0.0
-87.5°	1.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)