

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: P722385

Luminaire Tested: **IFLD-L-SA7A-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722385
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

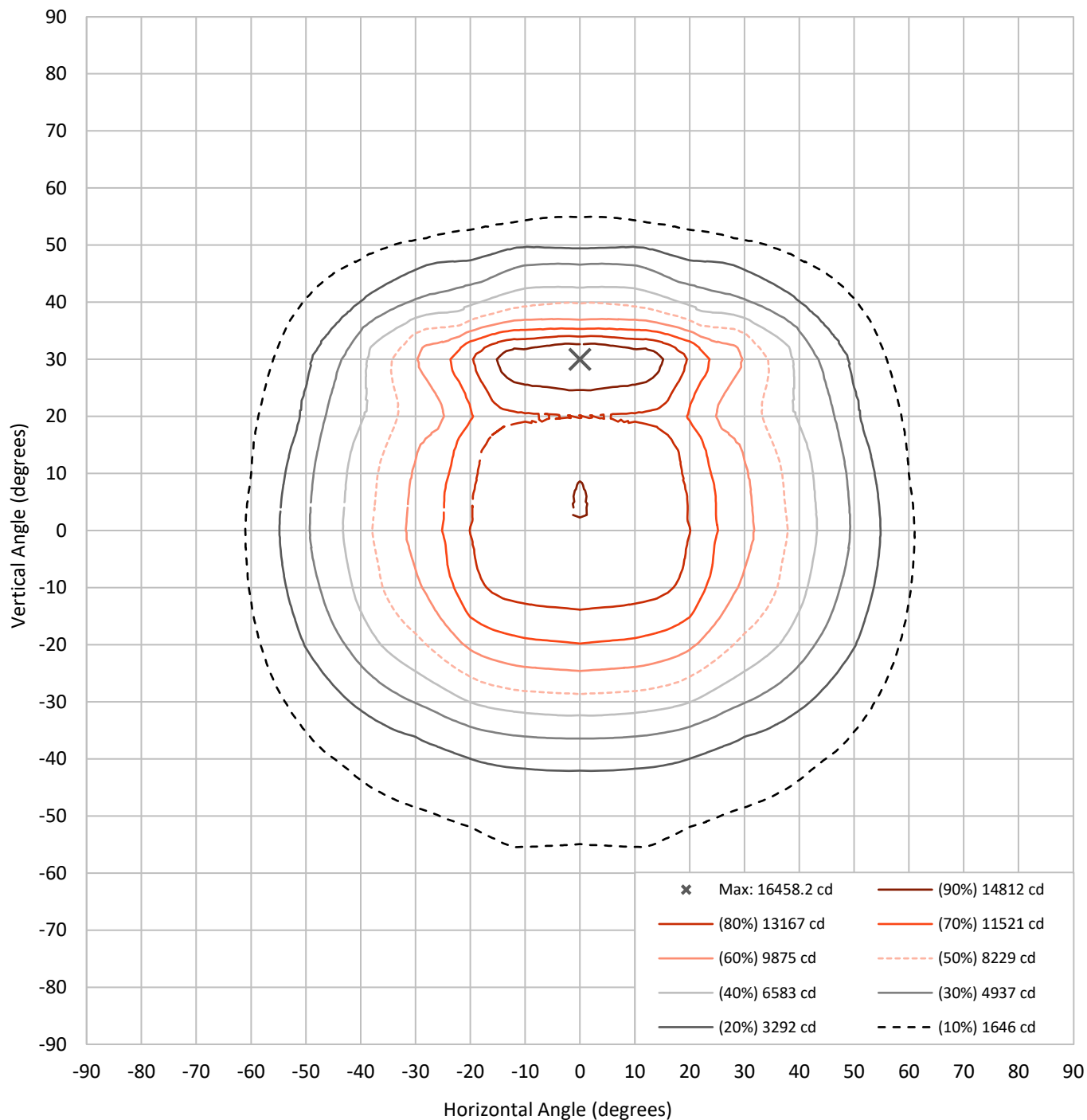
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23575.4 lumens	Max Intensity:	16458.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	108.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	15040.1 lumens	Field Lumens:	22226.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	217.6		
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		



REPORT NUMBER: P722385

CATALOG NUMBER: IFLD-L-SA7A-722-U-76-VI

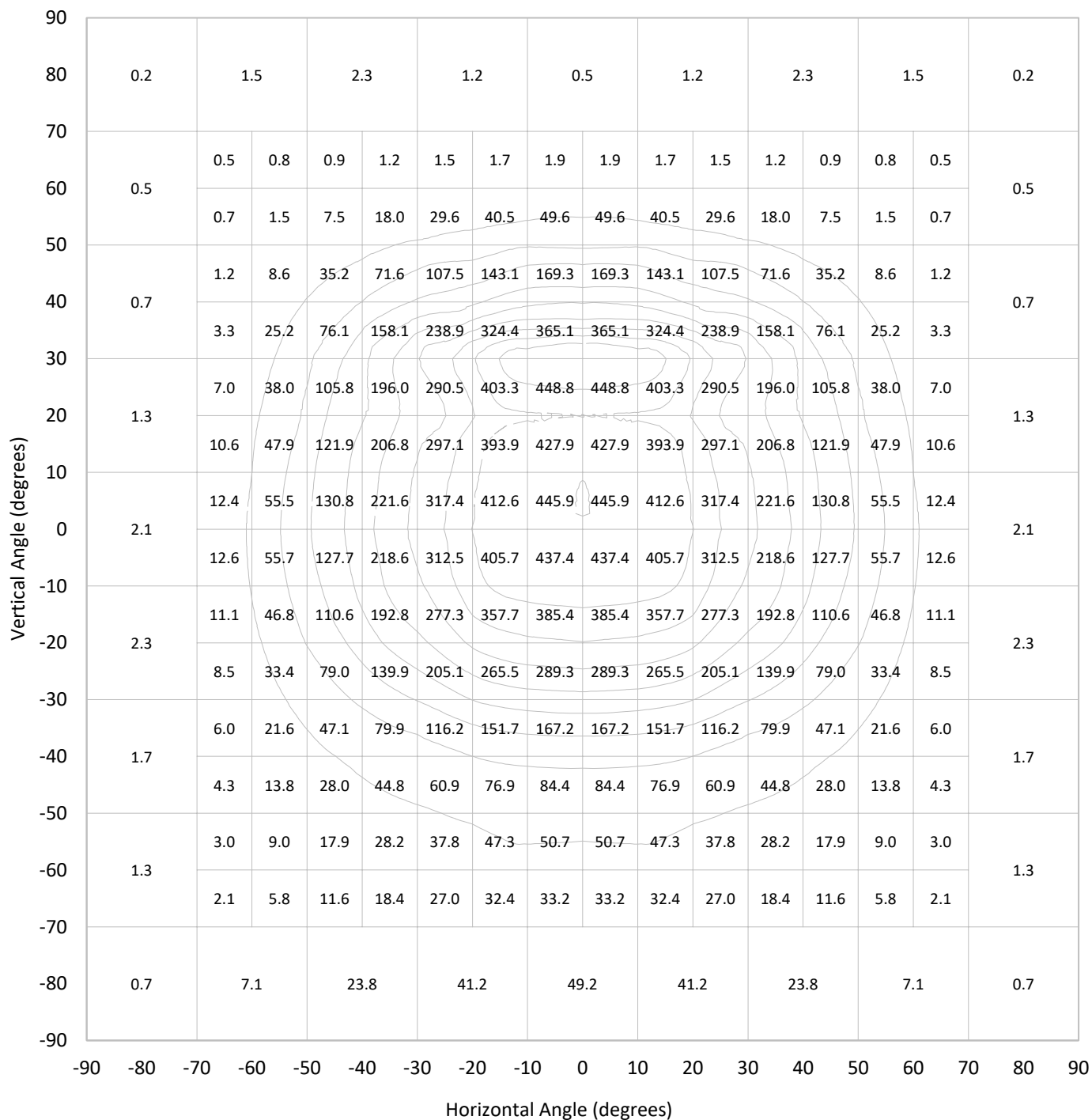
Iso-Candela Plot



REPORT NUMBER: P722385

CATALOG NUMBER: IFLD-L-SA7A-722-U-76-VI

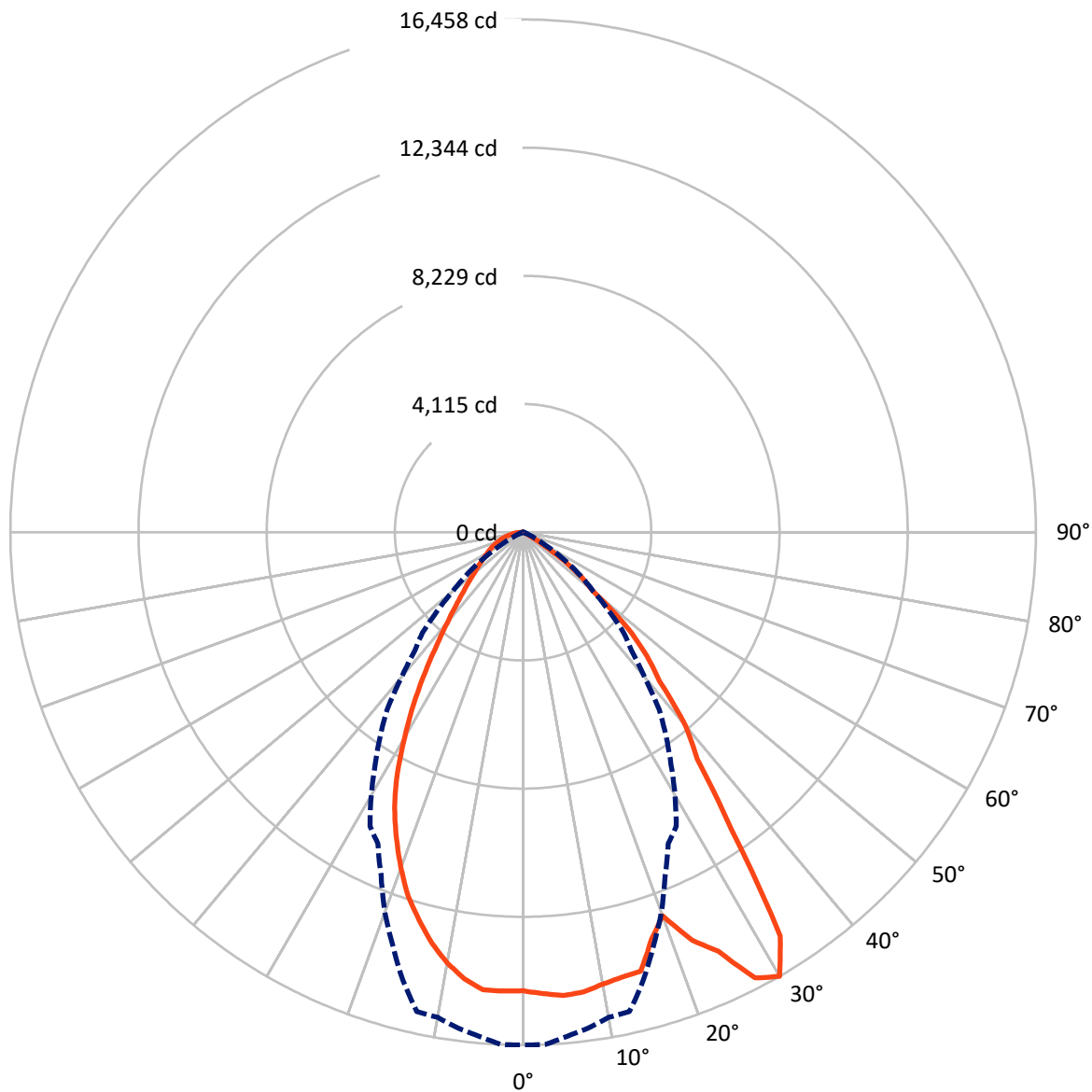
Lumen Table



REPORT NUMBER: P722385

CATALOG NUMBER: IFLD-L-SA7A-722-U-76-VI

Luminous Intensity Polar Plot

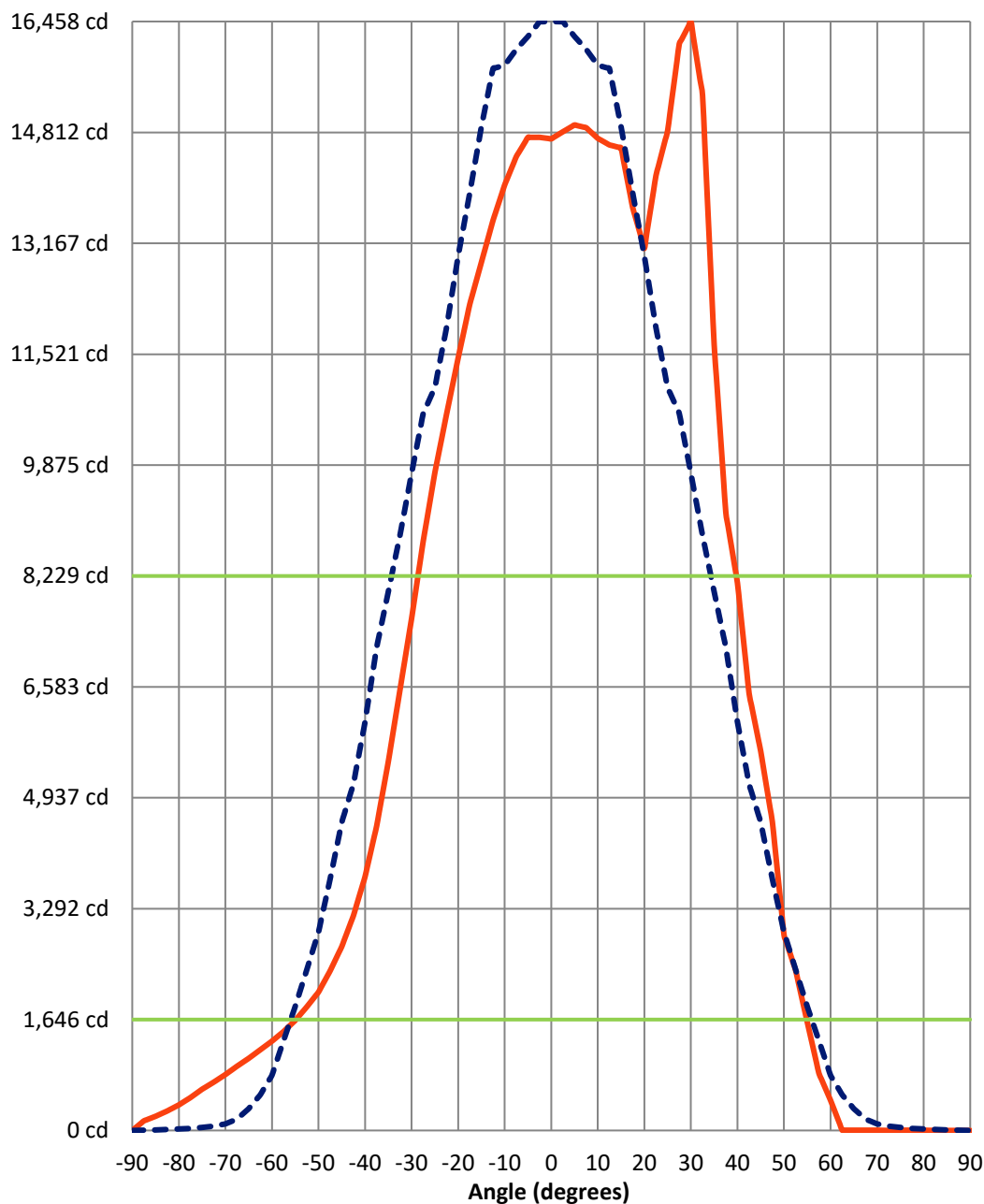


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722385

CATALOG NUMBER: IFLD-L-SA7A-722-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 15040.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 22226.3

Efficiency: 94.3%

Spill:

Lumens: 1349.1

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722385

CATALOG NUMBER: IFLD-L-SA7A-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	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	0.0	3.8	3.8	3.8	7.5	7.5	7.5	7.5	7.5	7.5	11.3
82.5°	0.0	3.8	3.8	3.8	7.5	7.5	7.5	7.5	11.3	11.3	15.0
80°	3.8	3.8	3.8	3.8	7.5	7.5	7.5	11.3	11.3	15.0	15.0
77.5°	3.8	3.8	3.8	7.5	7.5	7.5	11.3	11.3	15.0	15.0	18.8
75°	3.8	3.8	3.8	7.5	7.5	11.3	11.3	11.3	15.0	15.0	18.8
72.5°	0.0	3.8	3.8	7.5	7.5	11.3	11.3	11.3	15.0	15.0	15.0
70°	3.8	3.8	3.8	7.5	7.5	11.3	11.3	11.3	15.0	15.0	15.0
67.5°	3.8	3.8	3.8	7.5	7.5	11.3	11.3	15.0	15.0	15.0	18.8
65°	3.8	3.8	3.8	7.5	11.3	11.3	15.0	18.8	18.8	22.5	26.3
62.5°	3.8	7.5	7.5	11.3	15.0	18.8	41.3	63.8	63.8	45.0	37.5
60°	446.6	484.2	480.4	435.4	379.1	319.0	307.8	296.5	274.0	240.2	251.5
57.5°	848.2	893.3	912.1	900.8	870.8	818.2	788.2	754.4	709.4	656.8	596.8
55°	1606.4	1625.2	1583.9	1505.1	1418.7	1332.4	1302.4	1257.4	1189.8	1122.2	1032.2
52.5°	2375.8	2439.6	2420.9	2342.1	2225.7	2071.8	1902.9	1771.6	1692.7	1617.7	1527.6
50°	2901.3	2927.6	2980.1	3074.0	3107.7	3002.6	2728.7	2375.8	2124.4	2252.0	2154.4
47.5°	4579.0	4710.4	4684.1	4616.6	4504.0	4218.7	3835.9	3520.6	3257.9	3171.5	3186.6
45°	5626.2	5678.8	5660.0	5630.0	5577.4	5310.9	4886.8	4402.6	4158.7	4061.1	3959.7
42.5°	6485.7	6542.0	6553.3	6557.0	6500.7	6256.8	5873.9	5389.7	5145.8	4864.3	4642.8
40°	8125.9	8208.5	8114.6	7990.8	7803.1	7525.4	7150.0	6703.4	6271.8	5926.5	5663.7
37.5°	9173.1	9274.4	9312.0	9304.4	9263.2	9143.1	8681.4	8257.3	7596.7	6823.5	6962.4
35°	11657.8	11762.9	11732.8	11620.2	11560.2	11432.6	10982.2	10479.2	9649.8	8809.0	8583.8
32.5°	15362.3	15591.2	15163.4	14694.2	14405.2	14506.5	14048.6	12817.5	12434.7	10918.4	10216.5
30°	16458.2	16454.5	16236.8	16045.4	15808.9	15760.1	14896.9	13913.5	12975.2	11913.0	11027.2
27.5°	16124.2	16056.6	15872.7	15733.9	15512.4	15396.1	14551.6	13770.9	12686.2	11736.6	10880.8
25°	14836.8	14889.4	14701.7	14675.4	14589.1	14363.9	13943.5	13065.3	12096.9	11046.0	10430.4
22.5°	14172.5	14153.7	13928.5	13797.2	13902.2	13662.0	13493.1	12607.4	11597.7	10711.9	9972.5
20°	13091.5	13095.3	13039.0	13027.7	12963.9	12855.1	12720.0	12093.2	11380.0	10621.9	9732.3
17.5°	13695.8	13849.7	13917.3	13358.0	13515.7	13391.8	13249.2	12374.7	11837.9	11166.1	10006.3
15°	14581.6	14525.3	14457.7	14427.7	14341.4	14225.0	13966.1	13267.9	12344.6	11650.3	10745.7
12.5°	14626.6	14517.8	14491.5	14487.8	14397.7	14236.3	13984.8	13406.8	12588.6	11744.1	11008.4
10°	14724.2	14611.6	14596.6	14615.4	14476.5	14375.2	14123.7	13587.0	12663.7	11905.5	11211.1
7.5°	14881.9	14694.2	14780.5	14724.2	14660.4	14499.0	14228.8	13703.3	12937.6	12119.4	11391.3
5°	14923.1	14716.7	14810.5	14758.0	14664.2	14506.5	14213.8	13778.4	13106.5	12205.8	11462.6
2.5°	14821.8	14761.8	14720.5	14622.9	14581.6	14408.9	14131.2	13665.8	13027.7	12168.2	11447.6
0°	14716.7	14769.3	14675.4	14577.8	14559.1	14420.2	14183.7	13763.4	13211.6	12273.3	11575.2
-2.5°	14739.2	14697.9	14634.1	14532.8	14435.2	14236.3	14022.4	13628.3	13035.2	12044.4	11395.0
-5°	14739.2	14547.8	14555.3	14559.1	14461.5	14255.1	13996.1	13662.0	12930.1	12040.6	11342.5
-7.5°	14454.0	14288.8	14262.6	14240.0	14213.8	14022.4	13819.7	13403.1	12753.7	11943.0	11196.1
-10°	14033.6	13872.2	13887.2	13853.5	13770.9	13643.3	13489.4	13114.1	12581.1	11635.2	10899.6
-12.5°	13508.1	13436.8	13395.6	13339.3	13256.7	13144.1	12986.4	12633.6	12063.1	11256.2	10558.1
-15°	12885.1	12832.6	12795.0	12761.2	12641.1	12524.8	12318.4	11991.8	11635.2	10768.2	10055.1
-17.5°	12262.1	12130.7	12078.1	12033.1	11954.3	11766.6	11579.0	11335.0	10835.8	10148.9	9537.2
-20°	11462.6	11383.8	11320.0	11259.9	11147.3	11000.9	10847.1	10565.6	10133.9	9578.4	8944.1

REPORT NUMBER: P722385

CATALOG NUMBER: IFLD-L-SA7A-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°	10625.6	10580.6	10528.0	10453.0	10377.9	10239.0	10025.1	9754.8	9417.0	8816.5	8223.5
-25°	9762.3	9676.0	9612.2	9540.9	9480.9	9353.2	9146.8	8887.8	8463.7	7945.7	7450.3
-27.5°	8745.2	8662.6	8628.9	8546.3	8493.7	8377.4	8170.9	7930.7	7547.9	7112.5	6609.6
-30°	7596.7	7611.7	7574.2	7495.4	7431.5	7281.4	7123.8	6921.1	6620.8	6204.2	5753.8
-32.5°	6534.5	6553.3	6508.2	6425.7	6343.1	6234.2	6087.9	5904.0	5678.8	5280.9	4890.6
-35°	5472.3	5464.8	5427.3	5378.5	5322.2	5232.1	5067.0	4928.1	4669.1	4391.4	4121.1
-37.5°	4519.0	4537.7	4526.5	4500.2	4436.4	4361.3	4226.2	4098.6	3907.2	3663.2	3453.0
-40°	3764.6	3787.1	3772.1	3745.8	3689.5	3644.5	3554.4	3441.8	3287.9	3077.7	2901.3
-42.5°	3186.6	3201.6	3182.8	3160.3	3111.5	3077.7	3006.4	2912.6	2785.0	2623.6	2465.9
-45°	2728.7	2732.4	2713.6	2698.6	2661.1	2619.8	2559.8	2484.7	2383.3	2270.8	2143.1
-47.5°	2368.3	2364.6	2345.8	2330.8	2300.8	2263.2	2214.5	2146.9	2068.1	1981.7	1880.4
-50°	2053.1	2071.8	2064.3	2049.3	2026.8	2000.5	1951.7	1880.4	1801.6	1737.8	1666.5
-52.5°	1835.4	1839.1	1835.4	1835.4	1831.6	1812.8	1756.5	1685.2	1598.9	1542.6	1482.6
-55°	1632.7	1651.5	1659.0	1666.5	1670.2	1670.2	1602.7	1527.6	1445.0	1388.7	1343.7
-57.5°	1467.5	1478.8	1486.3	1505.1	1520.1	1531.3	1471.3	1403.7	1339.9	1287.4	1246.1
-60°	1324.9	1339.9	1351.2	1370.0	1381.2	1388.7	1351.2	1306.2	1268.6	1234.8	1174.8
-62.5°	1197.3	1208.6	1219.8	1231.1	1242.3	1249.9	1234.8	1212.3	1193.6	1178.5	1103.5
-65°	1069.7	1081.0	1092.2	1107.2	1118.5	1126.0	1122.2	1107.2	1092.2	1077.2	1009.6
-67.5°	953.3	964.6	979.6	983.4	990.9	994.6	987.1	975.9	957.1	938.3	885.8
-70°	829.5	837.0	844.5	844.5	844.5	840.7	833.2	818.2	799.5	773.2	731.9
-72.5°	716.9	724.4	731.9	720.6	713.1	701.9	690.6	671.8	653.1	634.3	611.8
-75°	611.8	615.5	615.5	600.5	589.3	578.0	563.0	551.7	533.0	518.0	499.2
-77.5°	487.9	487.9	487.9	476.7	469.2	461.7	450.4	439.1	424.1	412.9	397.9
-80°	379.1	379.1	379.1	375.3	364.1	356.6	349.1	341.6	330.3	322.8	315.3
-82.5°	289.0	289.0	289.0	285.3	277.7	274.0	266.5	259.0	255.2	247.7	244.0
-85°	210.2	213.9	213.9	210.2	206.4	198.9	195.2	191.4	187.7	183.9	176.4
-87.5°	142.6	142.6	142.6	138.9	135.1	135.1	131.4	123.9	116.4	112.6	108.8
-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: P722385

CATALOG NUMBER: IFLD-L-SA7A-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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	11.3	11.3	11.3	15.0	15.0	15.0	15.0	15.0	15.0	15.0	11.3
82.5°	18.8	18.8	22.5	22.5	26.3	26.3	26.3	26.3	26.3	26.3	26.3
80°	18.8	22.5	26.3	30.0	33.8	37.5	37.5	37.5	37.5	33.8	33.8
77.5°	22.5	22.5	26.3	30.0	33.8	37.5	41.3	45.0	41.3	41.3	41.3
75°	22.5	26.3	26.3	30.0	33.8	37.5	41.3	45.0	45.0	45.0	45.0
72.5°	18.8	22.5	26.3	30.0	30.0	33.8	37.5	37.5	41.3	41.3	45.0
70°	18.8	22.5	26.3	26.3	30.0	30.0	33.8	37.5	37.5	41.3	41.3
67.5°	22.5	26.3	26.3	30.0	33.8	33.8	33.8	37.5	37.5	41.3	41.3
65°	26.3	30.0	30.0	33.8	37.5	37.5	41.3	41.3	41.3	45.0	45.0
62.5°	45.0	45.0	45.0	41.3	45.0	45.0	45.0	48.8	48.8	45.0	48.8
60°	232.7	168.9	116.4	146.4	131.4	60.1	60.1	60.1	56.3	56.3	52.5
57.5°	548.0	510.4	439.1	371.6	334.0	296.5	183.9	75.1	75.1	67.6	60.1
55°	915.8	791.9	739.4	649.3	551.7	506.7	420.4	285.3	135.1	90.1	78.8
52.5°	1418.7	1302.4	1167.3	983.4	852.0	746.9	675.6	536.7	360.3	191.4	120.1
50°	1899.2	1846.6	1764.1	1583.9	1309.9	1133.5	1017.1	859.5	645.6	394.1	225.2
47.5°	3058.9	2619.8	2353.3	2214.5	1985.5	1651.5	1426.3	1249.9	990.9	664.3	397.9
45°	3850.9	3573.1	3149.0	2856.3	2518.5	2165.7	1872.9	1670.2	1362.5	994.6	623.0
42.5°	4530.2	4290.0	3907.2	3479.3	3122.8	2661.1	2285.8	2019.3	1760.3	1358.7	930.8
40°	5404.8	5119.5	4751.7	4335.1	3918.5	3329.2	2721.1	2398.4	2113.1	1756.5	1257.4
37.5°	6846.0	6343.1	5742.6	5280.9	4736.7	4237.5	3404.2	2833.7	2495.9	2124.4	1640.2
35°	8580.1	8028.3	7026.2	6414.4	5686.3	4943.1	4192.4	3347.9	2867.5	2473.4	1993.0
32.5°	10194.0	9387.0	8103.4	7386.5	6902.3	5532.4	4755.4	4023.5	3250.4	2766.2	2195.7
30°	10640.6	9751.1	8831.5	7994.5	7168.8	6061.6	5142.0	4571.5	3730.8	2942.6	2387.1
27.5°	10190.2	9578.4	8865.3	8088.4	7195.1	6245.5	5378.5	4834.3	4083.6	3062.7	2537.2
25°	9732.3	9094.3	8595.1	7945.7	7120.0	6234.2	5386.0	4999.4	4357.6	3295.4	2619.8
22.5°	9248.1	8850.3	8437.4	7713.0	6932.4	6268.0	5630.0	5142.0	4500.2	3558.1	2653.6
20°	9274.4	9015.4	8561.3	7592.9	6898.6	6466.9	5922.7	5322.2	4654.1	3787.1	2679.9
17.5°	9694.8	9357.0	8786.5	7945.7	7202.6	6669.6	6166.7	5569.9	4811.7	3989.8	2998.9
15°	10212.7	9698.5	9101.8	8362.4	7521.6	6891.1	6354.3	5742.6	4991.9	4177.4	3284.1
12.5°	10588.1	9856.2	9296.9	8628.9	7866.9	7131.3	6478.2	5873.9	5160.8	4331.3	3498.1
10°	10715.7	10051.4	9390.8	8794.0	8043.3	7258.9	6572.0	5956.5	5307.2	4451.4	3655.7
7.5°	10783.2	10220.3	9454.6	8869.1	8148.4	7337.7	6647.1	6001.5	5423.5	4534.0	3757.1
5°	10775.7	10310.3	9503.4	8891.6	8204.7	7371.5	6699.7	6012.8	5506.1	4605.3	3817.1
2.5°	10742.0	10370.4	9582.2	8929.1	8317.3	7435.3	6801.0	6035.3	5536.1	4684.1	3858.4
0°	10865.8	10374.1	9664.8	8940.4	8392.4	7457.8	6846.0	6016.6	5494.8	4706.6	3854.6
-2.5°	10599.3	10152.7	9646.0	8842.8	8291.1	7405.3	6763.5	5956.5	5404.8	4680.4	3839.6
-5°	10554.3	9991.3	9488.4	8752.7	8122.2	7296.4	6609.6	5843.9	5262.1	4594.0	3779.6
-7.5°	10434.2	9837.4	9334.5	8681.4	7964.5	7183.8	6463.2	5727.5	5108.2	4458.9	3693.3
-10°	10171.5	9601.0	9169.3	8527.5	7773.1	7022.4	6286.8	5573.7	4928.1	4275.0	3558.1
-12.5°	9796.1	9225.6	8797.8	8201.0	7532.9	6804.7	6076.6	5374.7	4721.7	4079.8	3396.7
-15°	9372.0	8794.0	8366.1	7821.9	7176.3	6466.9	5810.1	5123.3	4485.2	3873.4	3205.3
-17.5°	8891.6	8343.6	7930.7	7401.5	6759.7	6084.1	5431.0	4808.0	4211.2	3659.5	2983.9
-20°	8336.1	7803.1	7424.0	6894.8	6305.6	5648.7	5014.4	4425.1	3888.4	3370.5	2739.9

REPORT NUMBER: P722385

CATALOG NUMBER: IFLD-L-SA7A-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°	7649.2	7180.1	6748.4	6275.5	5761.3	5160.8	4571.5	4049.8	3535.6	3028.9	2488.4
-25°	6947.4	6493.2	6072.8	5641.2	5149.5	4631.6	4128.6	3655.7	3152.8	2694.9	2244.5
-27.5°	6166.7	5761.3	5386.0	4988.1	4537.7	4091.1	3678.2	3216.6	2781.2	2390.9	2004.3
-30°	5333.4	5003.2	4676.6	4323.8	3959.7	3584.4	3216.6	2781.2	2439.6	2128.1	1801.6
-32.5°	4534.0	4237.5	3974.8	3712.0	3396.7	3089.0	2762.4	2439.6	2154.4	1880.4	1606.4
-35°	3832.1	3516.8	3370.5	3160.3	2908.8	2631.1	2364.6	2139.4	1910.4	1662.7	1418.7
-37.5°	3224.1	3021.4	2848.8	2691.1	2492.2	2252.0	2060.6	1876.7	1685.2	1460.0	1249.9
-40°	2747.4	2601.0	2428.4	2312.0	2150.6	1978.0	1786.6	1632.7	1471.3	1287.4	1114.7
-42.5°	2364.6	2244.5	2131.9	2008.0	1887.9	1741.5	1576.4	1430.0	1283.6	1148.5	1005.9
-45°	2049.3	1963.0	1872.9	1771.6	1666.5	1538.9	1403.7	1253.6	1148.5	1028.4	908.3
-47.5°	1790.3	1726.5	1651.5	1572.6	1482.6	1370.0	1246.1	1137.3	1028.4	927.1	810.7
-50°	1583.9	1523.8	1463.8	1396.2	1317.4	1219.8	1126.0	1024.7	923.3	825.7	716.9
-52.5°	1411.2	1358.7	1309.9	1253.6	1178.5	1096.0	1009.6	919.6	825.7	728.1	641.8
-55°	1291.1	1231.1	1182.3	1126.0	1058.4	979.6	900.8	818.2	728.1	653.1	581.8
-57.5°	1193.6	1126.0	1069.7	1009.6	942.1	874.5	803.2	728.1	660.6	589.3	521.7
-60°	1111.0	1032.2	968.4	908.3	844.5	780.7	720.6	656.8	593.0	529.2	461.7
-62.5°	1024.7	942.1	863.3	807.0	758.2	701.9	649.3	589.3	533.0	469.2	420.4
-65°	927.1	848.2	773.2	724.4	679.3	630.6	581.8	529.2	480.4	431.6	386.6
-67.5°	818.2	750.7	698.1	653.1	608.0	566.7	521.7	476.7	435.4	386.6	341.6
-70°	686.9	649.3	619.3	585.5	544.2	506.7	465.4	424.1	379.1	337.8	296.5
-72.5°	585.5	563.0	540.5	506.7	469.2	435.4	401.6	364.1	326.5	289.0	255.2
-75°	480.4	461.7	442.9	420.4	390.3	364.1	334.0	300.3	270.2	244.0	217.7
-77.5°	386.6	371.6	360.3	341.6	319.0	296.5	277.7	255.2	232.7	206.4	180.2
-80°	307.8	300.3	296.5	289.0	270.2	251.5	236.5	217.7	195.2	176.4	157.6
-82.5°	240.2	240.2	236.5	232.7	217.7	202.7	191.4	176.4	161.4	146.4	127.6
-85°	176.4	172.7	172.7	168.9	157.6	150.1	138.9	131.4	120.1	105.1	97.6
-87.5°	105.1	101.3	97.6	93.8	86.3	82.6	75.1	71.3	63.8	56.3	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

REPORT NUMBER: P722385

CATALOG NUMBER: IFLD-L-SA7A-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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	0.0	0.0
85°	11.3	7.5	7.5	7.5	7.5	7.5	3.8	3.8	3.8	3.8	3.8
82.5°	22.5	22.5	18.8	18.8	15.0	11.3	7.5	7.5	7.5	3.8	3.8
80°	33.8	33.8	33.8	30.0	26.3	18.8	15.0	11.3	7.5	3.8	3.8
77.5°	41.3	37.5	37.5	33.8	33.8	30.0	22.5	18.8	11.3	7.5	3.8
75°	41.3	41.3	41.3	37.5	37.5	33.8	30.0	22.5	18.8	11.3	7.5
72.5°	45.0	41.3	41.3	41.3	37.5	33.8	30.0	26.3	22.5	15.0	7.5
70°	41.3	41.3	41.3	41.3	37.5	37.5	30.0	26.3	26.3	15.0	11.3
67.5°	41.3	41.3	41.3	37.5	37.5	33.8	30.0	26.3	26.3	18.8	11.3
65°	45.0	41.3	41.3	41.3	37.5	33.8	30.0	26.3	26.3	22.5	15.0
62.5°	48.8	45.0	45.0	41.3	37.5	33.8	30.0	26.3	26.3	22.5	15.0
60°	52.5	48.8	45.0	45.0	41.3	37.5	30.0	30.0	26.3	22.5	15.0
57.5°	56.3	52.5	52.5	48.8	45.0	41.3	33.8	30.0	26.3	22.5	18.8
55°	67.6	60.1	56.3	56.3	52.5	45.0	37.5	30.0	26.3	22.5	18.8
52.5°	90.1	71.3	63.8	63.8	60.1	52.5	41.3	33.8	26.3	22.5	18.8
50°	142.6	90.1	75.1	67.6	67.6	60.1	48.8	37.5	26.3	22.5	18.8
47.5°	225.2	150.1	90.1	78.8	75.1	71.3	56.3	37.5	30.0	22.5	18.8
45°	371.6	221.4	146.4	93.8	78.8	75.1	63.8	41.3	30.0	26.3	18.8
42.5°	510.4	345.3	225.2	112.6	93.8	82.6	67.6	45.0	33.8	26.3	18.8
40°	803.2	472.9	315.3	183.9	108.8	86.3	75.1	52.5	33.8	26.3	18.8
37.5°	1088.5	626.8	424.1	270.2	123.9	97.6	78.8	56.3	37.5	26.3	22.5
35°	1373.7	878.3	525.5	360.3	165.1	116.4	82.6	60.1	37.5	26.3	22.5
32.5°	1628.9	1114.7	630.6	450.4	247.7	138.9	90.1	63.8	41.3	30.0	22.5
30°	1839.1	1332.4	818.2	529.2	322.8	168.9	97.6	63.8	45.0	30.0	22.5
27.5°	1996.8	1501.3	1009.6	611.8	386.6	198.9	112.6	71.3	45.0	30.0	22.5
25°	2124.4	1632.7	1178.5	698.1	442.9	247.7	135.1	75.1	48.8	33.8	22.5
22.5°	2225.7	1741.5	1317.4	814.5	510.4	296.5	165.1	82.6	48.8	33.8	22.5
20°	2364.6	1850.4	1411.2	938.3	581.8	341.6	191.4	90.1	48.8	33.8	26.3
17.5°	2484.7	1959.2	1486.3	1043.4	653.1	375.3	221.4	97.6	52.5	33.8	26.3
15°	2623.6	2064.3	1553.9	1126.0	720.6	405.4	247.7	105.1	52.5	37.5	26.3
12.5°	2773.7	2161.9	1602.7	1193.6	791.9	431.6	270.2	120.1	56.3	37.5	26.3
10°	2927.6	2244.5	1643.9	1242.3	844.5	457.9	285.3	135.1	60.1	37.5	26.3
7.5°	3081.5	2319.5	1696.5	1264.9	867.0	487.9	292.8	150.1	60.1	41.3	26.3
5°	3186.6	2368.3	1771.6	1279.9	878.3	521.7	304.0	168.9	63.8	41.3	26.3
2.5°	3276.6	2398.4	1850.4	1291.1	882.0	540.5	300.3	180.2	67.6	41.3	26.3
0°	3317.9	2398.4	1902.9	1283.6	870.8	559.2	300.3	191.4	67.6	41.3	26.3
-2.5°	3254.1	2465.9	1887.9	1287.4	874.5	559.2	315.3	195.2	75.1	45.0	26.3
-5°	3152.8	2492.2	1842.9	1268.6	867.0	559.2	334.0	198.9	78.8	45.0	30.0
-7.5°	3055.2	2503.5	1790.3	1249.9	855.8	544.2	337.8	195.2	86.3	48.8	30.0
-10°	2927.6	2379.6	1722.8	1216.1	833.2	533.0	345.3	195.2	90.1	48.8	30.0
-12.5°	2781.2	2229.5	1640.2	1167.3	807.0	521.7	349.1	195.2	93.8	52.5	30.0
-15°	2612.3	2075.6	1546.4	1114.7	769.4	506.7	341.6	191.4	97.6	52.5	33.8
-17.5°	2420.9	1925.4	1448.8	1050.9	728.1	487.9	326.5	187.7	97.6	52.5	33.8
-20°	2203.2	1775.3	1339.9	987.1	679.3	465.4	311.5	180.2	97.6	52.5	33.8

REPORT NUMBER: P722385

CATALOG NUMBER: IFLD-L-SA7A-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°	2008.0	1636.4	1227.3	915.8	626.8	439.1	292.8	172.7	97.6	56.3	33.8
-25°	1846.6	1501.3	1141.0	844.5	570.5	409.1	274.0	165.1	97.6	56.3	33.8
-27.5°	1677.7	1354.9	1050.9	776.9	533.0	382.8	255.2	157.6	93.8	56.3	33.8
-30°	1505.1	1212.3	957.1	701.9	495.4	356.6	240.2	146.4	93.8	56.3	33.8
-32.5°	1347.4	1096.0	870.8	626.8	454.2	330.3	225.2	142.6	90.1	56.3	33.8
-35°	1193.6	990.9	780.7	566.7	409.1	304.0	210.2	138.9	90.1	56.3	33.8
-37.5°	1065.9	893.3	698.1	525.5	382.8	281.5	195.2	131.4	86.3	56.3	33.8
-40°	960.8	803.2	619.3	480.4	360.3	259.0	180.2	127.6	86.3	56.3	33.8
-42.5°	863.3	716.9	570.5	442.9	337.8	244.0	168.9	123.9	82.6	56.3	33.8
-45°	776.9	641.8	521.7	409.1	311.5	225.2	161.4	116.4	78.8	56.3	37.5
-47.5°	690.6	589.3	476.7	379.1	285.3	202.7	153.9	112.6	75.1	52.5	37.5
-50°	623.0	533.0	439.1	345.3	259.0	195.2	146.4	105.1	75.1	52.5	37.5
-52.5°	563.0	480.4	397.9	311.5	236.5	183.9	138.9	97.6	71.3	52.5	37.5
-55°	506.7	431.6	356.6	277.7	221.4	172.7	127.6	90.1	71.3	52.5	37.5
-57.5°	450.4	386.6	315.3	251.5	202.7	161.4	120.1	90.1	71.3	52.5	37.5
-60°	405.4	345.3	285.3	232.7	187.7	146.4	108.8	86.3	67.6	52.5	37.5
-62.5°	367.8	311.5	259.0	210.2	172.7	131.4	105.1	86.3	67.6	52.5	33.8
-65°	330.3	281.5	232.7	191.4	153.9	123.9	101.3	82.6	67.6	52.5	33.8
-67.5°	292.8	247.7	210.2	168.9	142.6	120.1	97.6	82.6	63.8	48.8	33.8
-70°	255.2	217.7	183.9	157.6	135.1	112.6	93.8	78.8	63.8	45.0	30.0
-72.5°	225.2	191.4	165.1	146.4	127.6	108.8	90.1	75.1	60.1	41.3	26.3
-75°	191.4	168.9	150.1	131.4	116.4	101.3	86.3	67.6	52.5	37.5	26.3
-77.5°	161.4	146.4	131.4	120.1	105.1	90.1	75.1	60.1	48.8	33.8	22.5
-80°	138.9	127.6	116.4	105.1	93.8	78.8	67.6	52.5	41.3	30.0	18.8
-82.5°	112.6	105.1	93.8	86.3	78.8	67.6	56.3	45.0	30.0	22.5	15.0
-85°	86.3	78.8	75.1	67.6	60.1	48.8	37.5	30.0	22.5	15.0	7.5
-87.5°	45.0	41.3	37.5	33.8	30.0	22.5	18.8	15.0	11.3	7.5	3.8
-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: P722385

CATALOG NUMBER: IFLD-L-SA7A-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°	3.8	0.0	0.0	0.0
77.5°	3.8	0.0	0.0	0.0
75°	3.8	3.8	0.0	0.0
72.5°	3.8	3.8	0.0	0.0
70°	3.8	3.8	0.0	0.0
67.5°	7.5	3.8	0.0	0.0
65°	7.5	3.8	0.0	0.0
62.5°	7.5	3.8	0.0	0.0
60°	7.5	3.8	0.0	0.0
57.5°	11.3	3.8	3.8	0.0
55°	11.3	3.8	3.8	0.0
52.5°	11.3	3.8	3.8	0.0
50°	11.3	7.5	3.8	0.0
47.5°	11.3	7.5	3.8	0.0
45°	11.3	7.5	3.8	0.0
42.5°	11.3	7.5	3.8	0.0
40°	15.0	7.5	3.8	0.0
37.5°	15.0	7.5	3.8	0.0
35°	15.0	7.5	3.8	0.0
32.5°	15.0	7.5	3.8	0.0
30°	15.0	7.5	3.8	0.0
27.5°	15.0	11.3	3.8	0.0
25°	15.0	11.3	3.8	0.0
22.5°	18.8	11.3	3.8	0.0
20°	18.8	11.3	3.8	0.0
17.5°	18.8	11.3	3.8	0.0
15°	18.8	11.3	3.8	0.0
12.5°	18.8	11.3	3.8	0.0
10°	18.8	11.3	3.8	0.0
7.5°	18.8	11.3	3.8	0.0
5°	18.8	11.3	3.8	0.0
2.5°	18.8	11.3	3.8	0.0
0°	18.8	11.3	3.8	0.0
-2.5°	18.8	11.3	3.8	0.0
-5°	18.8	11.3	3.8	0.0
-7.5°	18.8	11.3	3.8	0.0
-10°	18.8	11.3	3.8	0.0
-12.5°	22.5	11.3	3.8	0.0
-15°	22.5	11.3	3.8	0.0
-17.5°	22.5	11.3	3.8	0.0
-20°	22.5	11.3	3.8	0.0

REPORT NUMBER: P722385

CATALOG NUMBER: IFLD-L-SA7A-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.5	11.3	3.8	0.0
-25°	22.5	11.3	3.8	0.0
-27.5°	22.5	11.3	3.8	0.0
-30°	22.5	11.3	3.8	0.0
-32.5°	22.5	11.3	3.8	0.0
-35°	22.5	11.3	3.8	0.0
-37.5°	22.5	11.3	3.8	0.0
-40°	22.5	11.3	3.8	0.0
-42.5°	18.8	11.3	3.8	0.0
-45°	22.5	11.3	3.8	0.0
-47.5°	22.5	11.3	3.8	0.0
-50°	22.5	11.3	3.8	0.0
-52.5°	22.5	11.3	3.8	0.0
-55°	22.5	11.3	3.8	0.0
-57.5°	22.5	11.3	3.8	0.0
-60°	22.5	11.3	3.8	0.0
-62.5°	18.8	11.3	3.8	0.0
-65°	18.8	7.5	3.8	0.0
-67.5°	18.8	7.5	3.8	0.0
-70°	18.8	7.5	3.8	0.0
-72.5°	15.0	7.5	3.8	0.0
-75°	15.0	7.5	3.8	0.0
-77.5°	11.3	3.8	0.0	0.0
-80°	11.3	3.8	0.0	0.0
-82.5°	7.5	3.8	0.0	0.0
-85°	3.8	3.8	0.0	0.0
-87.5°	3.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)