

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: P721969

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

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721969
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
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

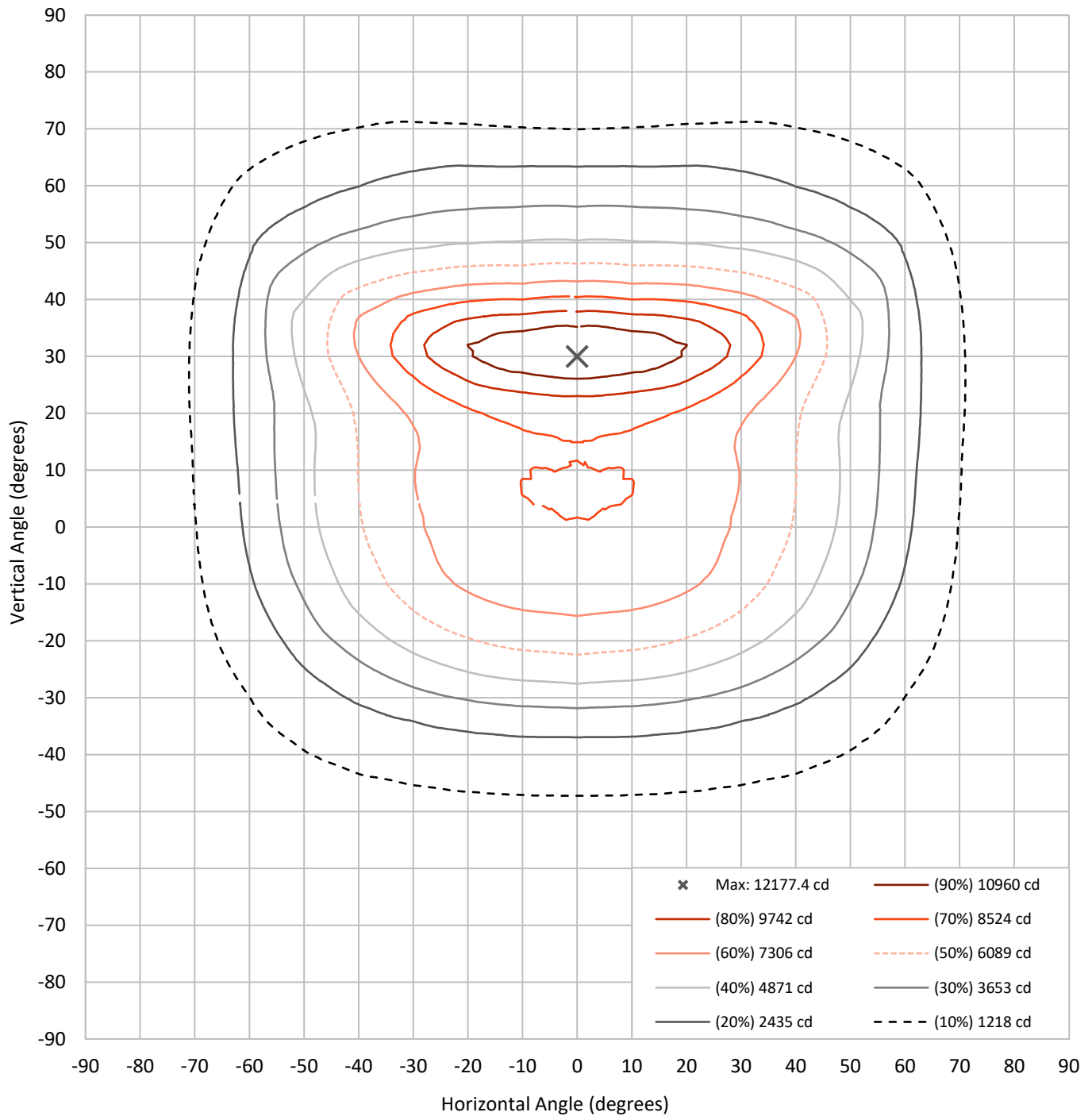
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	20327.1 lumens	Max Intensity:	12177.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	107.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	11820.5 lumens	Field Lumens:	19049.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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



REPORT NUMBER: P721969
CATALOG NUMBER: IFLD-S-SA6A-722-U-76

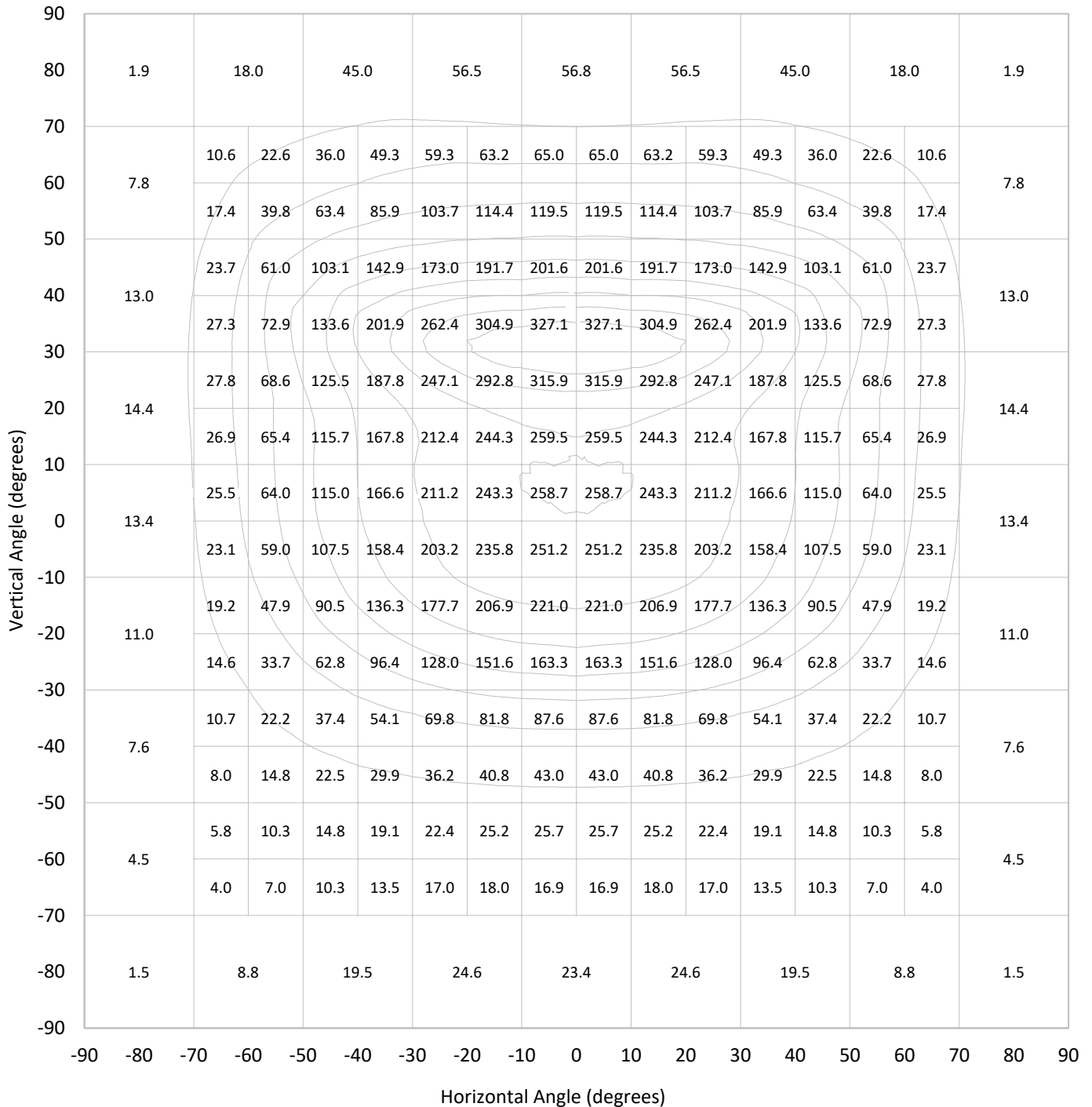
Iso-Candela Plot





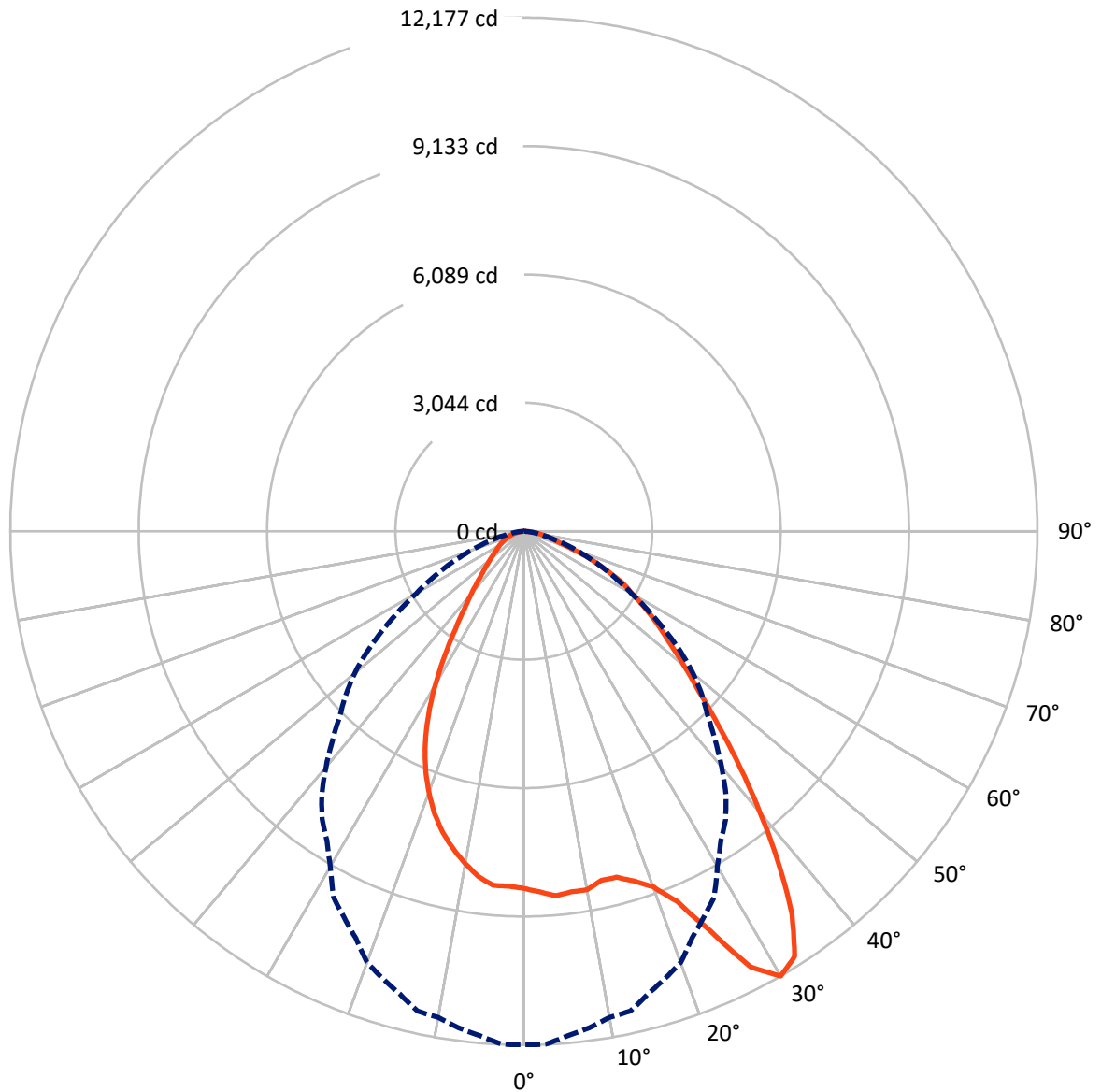
REPORT NUMBER: P721969
 CATALOG NUMBER: IFLD-S-SA6A-722-U-76

Lumen Table



REPORT NUMBER: P721969
CATALOG NUMBER: IFLD-S-SA6A-722-U-76

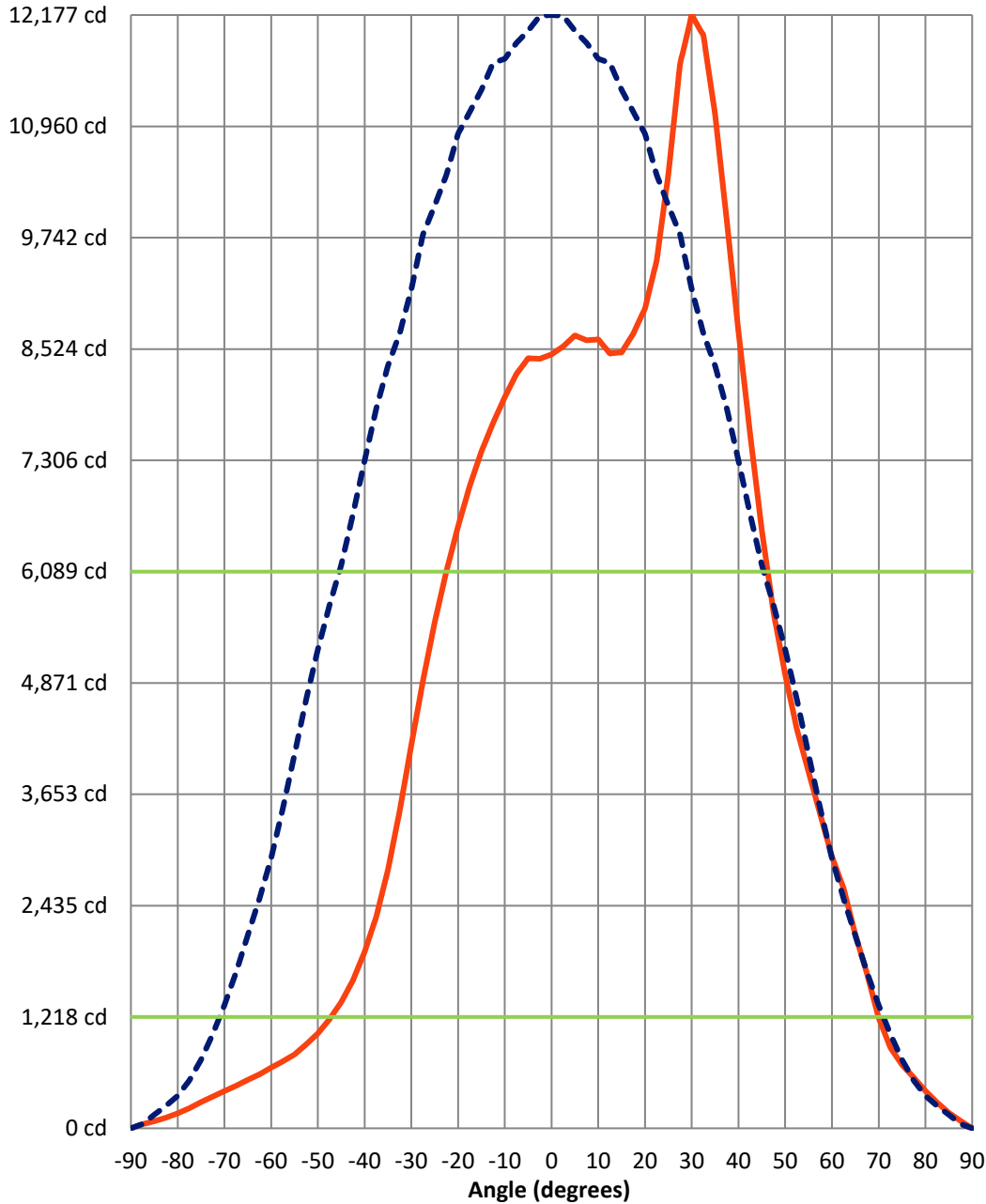
Luminous Intensity Polar Plot



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

REPORT NUMBER: P721969
 CATALOG NUMBER: IFLD-S-SA6A-722-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 11820.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 19049.1
 Efficiency: 93.7%

Spill:
 Lumens: 1278
 Efficiency: 6.3%

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



REPORT NUMBER: P721969
 CATALOG NUMBER: IFLD-S-SA6A-722-U-76

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°	81.8	84.0	86.1	86.1	84.0	84.0	84.0	81.8	84.0	84.0	84.0
85°	170.1	174.4	178.7	176.6	174.4	170.1	165.8	168.0	170.1	172.3	172.3
82.5°	282.1	288.6	292.9	290.7	286.4	282.1	277.8	279.9	284.2	286.4	286.4
80°	409.1	411.3	413.4	417.8	411.3	411.3	409.1	417.8	422.1	426.4	430.7
77.5°	555.6	557.7	557.7	559.9	562.0	564.2	564.2	579.3	590.0	596.5	602.9
75°	693.4	699.8	706.3	712.8	721.4	725.7	732.2	753.7	770.9	783.8	796.8
72.5°	882.9	891.5	902.3	917.3	932.4	943.2	958.3	984.1	1003.5	1016.4	1031.5
70°	1208.0	1216.7	1227.4	1238.2	1253.3	1264.0	1279.1	1311.4	1330.8	1339.4	1348.0
67.5°	1690.4	1711.9	1731.3	1709.8	1699.0	1683.9	1688.3	1718.4	1737.8	1750.7	1748.5
65°	2118.9	2134.0	2134.0	2131.8	2123.2	2103.9	2114.6	2151.2	2172.8	2183.5	2151.2
62.5°	2622.8	2622.8	2612.1	2629.3	2631.4	2618.5	2612.1	2614.2	2616.4	2622.8	2569.0
60°	2971.7	2993.2	2999.7	3014.7	3019.0	3019.0	3029.8	3038.4	3038.4	3025.5	2963.1
57.5°	3432.5	3473.4	3482.0	3471.3	3449.7	3421.7	3417.4	3404.5	3378.7	3352.8	3322.7
55°	3897.6	3919.2	3917.0	3910.5	3889.0	3856.7	3861.0	3843.8	3802.9	3770.6	3729.7
52.5°	4364.9	4416.6	4425.2	4412.3	4382.1	4347.7	4349.8	4330.5	4289.5	4255.1	4199.1
50°	4961.4	5004.5	5000.2	4978.6	4935.6	4909.7	4911.9	4875.3	4827.9	4817.1	4743.9
47.5°	5644.0	5693.5	5684.9	5654.8	5596.6	5585.9	5596.6	5549.3	5521.3	5497.6	5411.5
45°	6539.8	6598.0	6565.7	6507.5	6414.9	6425.7	6440.8	6432.2	6371.9	6309.4	6199.6
42.5°	7590.7	7627.3	7588.5	7530.4	7414.1	7435.6	7427.0	7375.3	7338.7	7235.4	7095.4
40°	8714.7	8794.4	8734.1	8643.7	8523.1	8555.4	8531.7	8465.0	8378.8	8249.6	8073.0
37.5°	9927.1	9989.5	9920.6	9815.1	9707.5	9696.7	9649.3	9546.0	9423.2	9281.1	8999.0
35°	11087.8	11249.3	11122.2	10954.3	10822.9	10773.4	10728.2	10489.1	10349.2	10118.8	9733.3
32.5°	11951.3	12069.7	11912.5	11738.1	11578.7	11509.8	11350.5	11066.2	10990.9	10506.4	10153.2
30°	12177.4	12168.8	12005.1	11871.6	11699.3	11652.0	11359.1	11117.9	10876.7	10428.8	10092.9
27.5°	11639.0	11585.2	11428.0	11311.7	11141.6	11085.6	10797.1	10667.9	10295.3	9916.3	9632.1
25°	10439.6	10467.6	10349.2	10291.0	10179.0	10058.5	9944.3	9769.9	9537.3	9205.7	8945.2
22.5°	9494.3	9530.9	9481.3	9412.4	9326.3	9259.6	9173.4	9037.8	8813.8	8609.2	8363.7
20°	8968.8	8958.1	8915.0	8863.3	8781.5	8734.1	8639.4	8525.2	8353.0	8176.4	7911.5
17.5°	8693.2	8626.5	8585.5	8566.2	8523.1	8462.8	8350.8	8234.5	8101.0	7900.8	7707.0
15°	8488.6	8499.4	8467.1	8452.0	8417.6	8333.6	8219.5	8124.7	7943.8	7842.6	7666.0
12.5°	8475.7	8465.0	8467.1	8460.6	8417.6	8309.9	8251.8	8131.2	8014.9	7881.4	7679.0
10°	8628.6	8514.5	8523.1	8553.2	8484.3	8398.2	8335.7	8204.4	8094.6	7924.5	7724.2
7.5°	8620.0	8561.9	8579.1	8529.6	8551.1	8445.6	8359.4	8228.1	8090.3	7909.4	7728.5
5°	8671.7	8583.4	8568.3	8572.6	8518.8	8439.1	8322.8	8197.9	8068.7	7866.3	7681.1
2.5°	8553.2	8566.2	8497.3	8471.4	8465.0	8331.4	8223.8	8103.2	7969.7	7790.9	7625.1
0°	8465.0	8488.6	8417.6	8381.0	8378.8	8264.7	8195.8	8058.0	7963.2	7814.6	7614.4
-2.5°	8417.6	8445.6	8454.2	8387.4	8322.8	8234.5	8118.3	7969.7	7814.6	7642.4	7470.1
-5°	8421.9	8365.9	8342.2	8363.7	8307.8	8219.5	8090.3	7958.9	7806.0	7620.8	7405.5
-7.5°	8251.8	8195.8	8191.5	8180.7	8167.8	8083.8	7976.1	7834.0	7679.0	7506.7	7306.4
-10°	7997.7	7956.8	7946.0	7935.2	7900.8	7851.2	7750.0	7620.8	7480.9	7308.6	7095.4
-12.5°	7715.6	7696.2	7655.3	7627.3	7592.8	7534.7	7437.8	7319.4	7179.4	7026.5	6843.5
-15°	7403.3	7366.7	7325.8	7302.1	7252.6	7183.7	7086.8	6977.0	6824.1	6673.3	6501.1
-17.5°	7026.5	6981.3	6936.0	6929.6	6895.1	6789.6	6699.2	6565.7	6432.2	6287.9	6119.9
-20°	6582.9	6520.4	6490.3	6473.1	6425.7	6348.2	6251.3	6128.5	5999.3	5861.5	5667.7



REPORT NUMBER: P721969
 CATALOG NUMBER: IFLD-S-SA6A-722-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	6091.9	6038.1	5986.4	5954.1	5913.2	5852.9	5760.3	5652.6	5525.6	5370.5	5191.8
-25°	5534.2	5458.8	5426.5	5389.9	5368.4	5312.4	5222.0	5122.9	4991.5	4840.8	4670.7
-27.5°	4896.8	4836.5	4819.3	4767.6	4741.8	4683.6	4608.2	4515.6	4395.1	4252.9	4113.0
-30°	4192.6	4156.0	4128.0	4076.4	4057.0	3994.5	3945.0	3867.5	3757.7	3656.4	3544.5
-32.5°	3469.1	3432.5	3423.9	3400.2	3387.3	3346.4	3290.4	3234.4	3146.1	3070.7	2980.3
-35°	2827.4	2801.6	2803.7	2801.6	2788.6	2758.5	2689.6	2674.5	2609.9	2541.0	2482.9
-37.5°	2314.9	2317.0	2314.9	2312.7	2295.5	2282.6	2233.1	2213.7	2174.9	2108.2	2073.7
-40°	1929.4	1933.7	1931.6	1927.3	1907.9	1901.4	1869.1	1843.3	1828.2	1780.8	1744.2
-42.5°	1617.2	1623.7	1621.5	1619.3	1606.4	1604.3	1587.0	1556.9	1548.3	1520.3	1481.5
-45°	1380.3	1378.2	1373.9	1378.2	1371.7	1365.2	1354.5	1335.1	1324.3	1311.4	1279.1
-47.5°	1193.0	1195.1	1190.8	1190.8	1182.2	1175.7	1171.4	1158.5	1149.9	1139.1	1119.8
-50°	1037.9	1046.5	1044.4	1042.2	1035.8	1031.5	1031.5	1018.6	1005.6	1001.3	988.4
-52.5°	917.3	923.8	926.0	930.3	932.4	934.6	928.1	915.2	893.7	891.5	885.0
-55°	807.5	826.9	839.8	848.4	857.0	863.5	850.6	833.4	811.8	803.2	801.1
-57.5°	732.2	751.5	766.6	779.5	790.3	801.1	788.1	770.9	751.5	740.8	738.6
-60°	663.2	680.5	695.5	712.8	727.8	745.1	738.6	725.7	714.9	706.3	697.7
-62.5°	590.0	607.3	624.5	646.0	665.4	682.6	684.8	682.6	680.5	682.6	667.5
-65°	529.7	538.3	549.1	572.8	594.3	613.7	624.5	630.9	641.7	652.5	637.4
-67.5°	465.1	475.9	488.8	506.0	523.3	536.2	551.3	568.5	585.7	602.9	592.2
-70°	407.0	415.6	426.4	435.0	445.8	454.4	467.3	486.7	506.0	523.3	519.0
-72.5°	346.7	355.3	361.8	366.1	372.5	376.8	383.3	400.5	413.4	422.1	422.1
-75°	286.4	295.0	301.5	303.6	307.9	310.1	314.4	320.9	327.3	329.5	331.6
-77.5°	219.6	228.3	234.7	239.0	243.3	247.6	249.8	254.1	256.3	256.3	258.4
-80°	163.7	170.1	174.4	180.9	183.0	187.3	191.7	193.8	196.0	196.0	198.1
-82.5°	116.3	120.6	124.9	129.2	133.5	135.7	140.0	142.1	144.3	146.4	148.6
-85°	77.5	81.8	86.1	90.4	92.6	94.7	96.9	99.1	101.2	103.4	105.5
-87.5°	45.2	47.4	49.5	53.8	56.0	60.3	62.4	60.3	62.4	62.4	62.4
-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: P721969
 CATALOG NUMBER: IFLD-S-SA6A-722-U-76

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°	84.0	84.0	84.0	84.0	81.8	77.5	75.4	71.1	66.8	62.4	58.1
85°	174.4	176.6	176.6	176.6	172.3	170.1	163.7	157.2	148.6	135.7	124.9
82.5°	290.7	292.9	292.9	290.7	286.4	279.9	271.3	260.6	243.3	226.1	211.0
80°	437.1	439.3	439.3	437.1	426.4	415.6	404.8	391.9	370.4	346.7	320.9
77.5°	611.6	615.9	615.9	609.4	594.3	581.4	564.2	542.7	510.4	475.9	441.4
75°	814.0	824.7	826.9	820.4	801.1	777.4	749.4	712.8	663.2	620.2	579.3
72.5°	1048.7	1059.5	1068.1	1059.5	1031.5	999.2	958.3	915.2	865.7	807.5	738.6
70°	1356.6	1367.4	1373.9	1345.9	1296.3	1242.5	1193.0	1143.4	1085.3	1014.2	938.9
67.5°	1744.2	1733.5	1720.6	1664.6	1602.1	1537.5	1468.6	1395.4	1320.0	1244.7	1156.4
65°	2116.8	2086.6	2058.6	1991.9	1912.2	1828.2	1748.5	1666.7	1576.3	1481.5	1397.5
62.5°	2508.7	2444.1	2375.2	2293.4	2211.5	2118.9	2039.3	1942.4	1841.1	1724.9	1617.2
60°	2894.1	2816.6	2747.7	2646.5	2538.8	2413.9	2327.8	2233.1	2114.6	1989.7	1862.7
57.5°	3266.7	3182.7	3107.3	3019.0	2902.8	2767.1	2672.3	2549.6	2424.7	2267.5	2138.3
55°	3662.9	3578.9	3518.6	3419.6	3292.5	3167.6	3064.3	2935.1	2760.6	2592.7	2433.3
52.5°	4117.3	4050.5	3985.9	3884.7	3731.8	3604.8	3490.6	3346.4	3163.3	2956.6	2764.9
50°	4625.5	4591.0	4522.1	4403.7	4229.2	4117.3	3966.5	3774.9	3578.9	3361.4	3122.4
47.5°	5299.5	5243.5	5146.6	5017.4	4871.0	4703.0	4500.6	4276.6	3998.8	3757.7	3503.6
45°	6104.8	6001.5	5876.6	5702.2	5521.3	5331.8	5110.0	4825.7	4453.2	4138.8	3871.8
42.5°	6977.0	6837.0	6666.9	6438.6	6203.9	5971.3	5732.3	5344.7	4879.6	4517.8	4216.3
40°	7887.8	7709.1	7495.9	7164.3	6903.7	6604.4	6330.9	5751.7	5256.4	4864.5	4543.6
37.5°	8779.3	8553.2	8195.8	7793.1	7489.5	7244.0	6643.2	6023.0	5579.4	5148.7	4823.6
35°	9462.0	9270.3	8639.4	8221.6	7961.1	7573.5	6821.9	6186.7	5717.2	5359.8	4853.7
32.5°	9866.8	9371.5	8818.1	8396.0	8180.7	7545.5	6834.8	6234.0	5781.8	5381.3	4776.2
30°	9776.4	9177.7	8693.2	8340.1	7872.8	7302.1	6714.3	6160.8	5721.5	5237.0	4690.1
27.5°	9231.6	8768.6	8335.7	7967.5	7508.8	6996.3	6453.7	5967.0	5557.9	5088.4	4571.6
25°	8615.7	8195.8	7874.9	7554.1	7119.1	6630.3	6152.2	5801.2	5389.9	4926.9	4416.6
22.5°	8049.3	7747.9	7495.9	7160.0	6735.8	6309.4	6012.2	5648.3	5226.3	4756.8	4257.2
20°	7687.6	7483.0	7194.5	6824.1	6490.3	6223.3	5893.8	5508.4	5073.4	4582.4	4121.6
17.5°	7513.2	7276.3	6955.4	6714.3	6458.0	6165.1	5796.9	5387.8	4924.8	4502.7	4136.7
15°	7422.7	7172.9	6961.9	6725.0	6436.5	6128.5	5719.4	5295.2	4924.8	4535.0	4147.4
12.5°	7442.1	7226.8	6996.3	6737.9	6427.9	6098.4	5728.0	5333.9	4950.6	4558.7	4149.6
10°	7502.4	7276.3	7030.8	6744.4	6432.2	6107.0	5751.7	5357.6	4963.5	4569.5	4145.3
7.5°	7523.9	7278.4	7015.7	6727.2	6421.4	6102.7	5756.0	5364.1	4965.7	4567.3	4132.3
5°	7457.2	7235.4	6981.3	6690.6	6391.2	6081.2	5738.8	5355.5	4948.5	4545.8	4100.0
2.5°	7366.7	7188.0	6944.7	6664.7	6361.1	6051.0	5710.8	5316.7	4909.7	4507.0	4059.1
0°	7351.7	7129.9	6884.4	6634.6	6311.6	5984.3	5646.2	5243.5	4838.7	4433.8	3988.1
-2.5°	7252.6	7017.9	6772.4	6501.1	6216.8	5887.4	5532.0	5138.0	4737.4	4339.1	3910.5
-5°	7177.2	6916.7	6656.1	6363.2	6076.8	5747.4	5379.2	4995.9	4603.9	4216.3	3802.9
-7.5°	7076.0	6809.0	6535.5	6229.7	5919.7	5583.7	5219.8	4836.5	4451.0	4065.6	3669.4
-10°	6871.4	6636.7	6380.5	6063.9	5736.6	5400.7	5038.9	4662.1	4276.6	3886.9	3488.5
-12.5°	6623.8	6376.2	6096.2	5805.5	5512.7	5200.4	4838.7	4468.3	4080.7	3688.7	3292.5
-15°	6303.0	6059.6	5773.2	5489.0	5206.9	4907.6	4588.9	4255.1	3861.0	3475.6	3079.3
-17.5°	5902.4	5674.2	5417.9	5146.6	4866.6	4565.2	4255.1	3973.0	3604.8	3243.0	2851.1
-20°	5471.7	5258.6	5028.2	4771.9	4492.0	4196.9	3904.1	3609.1	3290.4	2971.7	2607.7



REPORT NUMBER: P721969

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

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5023.8	4808.5	4575.9	4336.9	4078.5	3805.0	3533.7	3251.6	2971.7	2683.1	2375.2
-25°	4507.0	4317.5	4104.3	3871.8	3641.4	3402.3	3143.9	2887.7	2648.7	2398.9	2146.9
-27.5°	3966.5	3792.1	3598.3	3395.9	3197.8	2997.5	2773.6	2536.7	2338.6	2131.8	1923.0
-30°	3398.0	3258.1	3100.9	2924.3	2771.4	2609.9	2422.6	2226.6	2045.7	1888.5	1720.6
-32.5°	2859.7	2741.3	2629.3	2513.0	2362.3	2237.4	2108.2	1963.9	1804.5	1656.0	1535.4
-35°	2396.7	2269.7	2222.3	2136.2	2028.5	1918.7	1823.9	1720.6	1600.0	1468.6	1369.6
-37.5°	2007.0	1931.6	1864.8	1817.5	1746.4	1658.1	1582.7	1507.4	1414.8	1315.7	1216.7
-40°	1703.3	1651.6	1578.4	1554.7	1509.5	1449.2	1371.7	1313.6	1251.1	1175.7	1091.8
-42.5°	1460.0	1421.2	1373.9	1332.9	1313.6	1270.5	1210.2	1154.2	1104.7	1053.0	988.4
-45°	1259.7	1233.9	1203.7	1167.1	1152.1	1117.6	1074.5	1012.1	984.1	941.0	893.7
-47.5°	1098.2	1085.3	1063.8	1040.1	1018.6	992.7	953.9	915.2	876.4	848.4	811.8
-50°	971.2	962.6	949.6	930.3	902.3	885.0	859.2	824.7	788.1	764.5	738.6
-52.5°	870.0	861.4	852.7	837.7	816.1	798.9	777.4	749.4	719.2	695.5	674.0
-55°	792.4	779.5	773.1	760.1	742.9	723.5	704.2	684.8	658.9	637.4	615.9
-57.5°	732.2	714.9	706.3	695.5	678.3	658.9	643.9	624.5	607.3	583.6	564.2
-60°	684.8	665.4	648.2	637.4	622.3	602.9	587.9	572.8	555.6	536.2	512.5
-62.5°	646.0	622.3	598.6	585.7	570.6	553.4	538.3	523.3	506.0	486.7	465.1
-65°	609.4	581.4	551.3	538.3	523.3	506.0	486.7	475.9	460.8	443.6	422.1
-67.5°	564.2	534.0	508.2	493.1	478.1	463.0	445.8	435.0	419.9	398.4	376.8
-70°	497.4	478.1	460.8	447.9	435.0	422.1	404.8	387.6	370.4	351.0	331.6
-72.5°	413.4	407.0	404.8	398.4	383.3	368.2	351.0	333.8	318.7	303.6	288.6
-75°	333.8	338.1	342.4	340.2	325.2	310.1	295.0	279.9	269.2	256.3	243.3
-77.5°	264.9	269.2	273.5	273.5	262.7	254.1	243.3	232.6	224.0	213.2	200.3
-80°	204.6	211.0	217.5	221.8	213.2	206.7	198.1	189.5	180.9	172.3	163.7
-82.5°	155.0	161.5	168.0	172.3	165.8	161.5	155.0	148.6	142.1	133.5	127.0
-85°	112.0	116.3	120.6	122.7	118.4	114.1	109.8	105.5	101.2	94.7	90.4
-87.5°	64.6	66.8	68.9	71.1	66.8	62.4	60.3	56.0	53.8	49.5	47.4
-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: P721969
 CATALOG NUMBER: IFLD-S-SA6A-722-U-76

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°	53.8	49.5	45.2	43.1	38.8	32.3	28.0	23.7	19.4	15.1	12.9
85°	114.1	103.4	90.4	84.0	75.4	66.8	58.1	49.5	40.9	32.3	23.7
82.5°	196.0	183.0	170.1	155.0	135.7	112.0	88.3	73.2	60.3	47.4	36.6
80°	295.0	271.3	249.8	230.4	208.9	178.7	146.4	116.3	81.8	62.4	47.4
77.5°	409.1	381.1	351.0	318.7	284.2	243.3	206.7	168.0	127.0	86.1	60.3
75°	538.3	501.7	460.8	415.6	370.4	316.5	264.9	219.6	172.3	120.6	73.2
72.5°	682.6	637.4	587.9	527.6	456.5	394.1	331.6	271.3	215.3	152.9	99.1
70°	867.8	796.8	723.5	658.9	568.5	469.4	396.2	327.3	256.3	187.3	124.9
67.5°	1065.9	979.8	891.5	796.8	682.6	566.3	460.8	383.3	299.3	219.6	148.6
65°	1281.3	1173.6	1061.6	956.1	798.9	661.1	542.7	437.1	340.2	249.8	172.3
62.5°	1503.1	1376.0	1246.8	1109.0	928.1	758.0	620.2	497.4	379.0	277.8	193.8
60°	1739.9	1591.4	1434.2	1261.9	1050.9	863.5	693.4	559.9	419.9	305.8	217.5
57.5°	1989.7	1828.2	1643.0	1410.5	1177.9	964.7	777.4	615.9	456.5	331.6	234.7
55°	2261.1	2075.9	1873.4	1565.5	1302.8	1065.9	861.4	671.9	495.3	353.2	251.9
52.5°	2553.9	2338.6	2082.3	1729.2	1434.2	1169.3	938.9	721.4	531.9	376.8	267.0
50°	2881.2	2609.9	2265.4	1879.9	1548.3	1266.2	1016.4	775.2	562.0	402.7	279.9
47.5°	3221.5	2928.6	2429.0	2019.9	1664.6	1360.9	1096.1	822.6	592.2	424.2	292.9
45°	3576.8	3150.4	2599.1	2144.8	1765.8	1447.1	1156.4	865.7	628.8	443.6	303.6
42.5°	3927.8	3318.4	2747.7	2269.7	1860.5	1524.6	1205.9	906.6	658.9	463.0	314.4
40°	4093.6	3445.4	2866.2	2355.8	1940.2	1593.5	1249.0	943.2	684.8	475.9	325.2
37.5°	4162.5	3522.9	2943.7	2437.6	2002.6	1630.1	1285.6	975.5	706.3	488.8	333.8
35°	4177.6	3550.9	2982.4	2493.6	2054.3	1664.6	1313.6	999.2	723.5	501.7	342.4
32.5°	4149.6	3542.3	2993.2	2513.0	2086.6	1690.4	1332.9	1016.4	736.5	514.7	351.0
30°	4087.1	3497.1	2954.4	2510.8	2110.3	1705.5	1345.9	1029.3	749.4	523.3	355.3
27.5°	3985.9	3417.4	2904.9	2513.0	2123.2	1711.9	1352.3	1035.8	758.0	529.7	363.9
25°	3861.0	3309.8	2907.1	2508.7	2125.4	1714.1	1352.3	1035.8	760.1	531.9	370.4
22.5°	3716.7	3309.8	2907.1	2502.2	2112.5	1709.8	1345.9	1031.5	760.1	536.2	376.8
20°	3725.4	3311.9	2900.6	2489.3	2093.1	1696.9	1330.8	1020.7	753.7	542.7	381.1
17.5°	3731.8	3307.6	2887.7	2472.1	2067.2	1675.3	1311.4	1005.6	753.7	549.1	383.3
15°	3731.8	3294.7	2868.3	2446.2	2034.9	1645.2	1283.4	992.7	755.8	551.3	387.6
12.5°	3725.4	3271.0	2838.2	2411.8	1996.2	1608.6	1266.2	988.4	755.8	553.4	387.6
10°	3712.4	3238.7	2799.4	2368.7	1959.6	1595.7	1257.6	979.8	751.5	553.4	387.6
7.5°	3688.7	3199.9	2767.1	2342.9	1938.0	1580.6	1244.7	966.9	745.1	549.1	391.9
5°	3652.1	3178.4	2741.3	2312.7	1907.9	1569.8	1236.0	956.1	740.8	549.1	387.6
2.5°	3604.8	3152.6	2711.1	2274.0	1873.4	1533.2	1208.0	932.4	725.7	540.5	383.3
0°	3527.2	3100.9	2659.4	2220.1	1826.1	1496.6	1180.1	908.7	710.6	531.9	379.0
-2.5°	3456.2	3032.0	2592.7	2164.2	1780.8	1464.3	1158.5	895.8	704.2	529.7	376.8
-5°	3357.1	2937.2	2504.4	2090.9	1720.6	1432.0	1137.0	880.7	697.7	525.4	376.8
-7.5°	3247.3	2838.2	2411.8	2015.6	1660.3	1376.0	1096.1	857.0	682.6	516.8	374.7
-10°	3077.2	2689.6	2295.5	1929.4	1595.7	1326.5	1061.6	835.5	669.7	508.2	366.1
-12.5°	2896.3	2525.9	2162.0	1823.9	1522.4	1274.8	1022.9	811.8	654.6	499.6	361.8
-15°	2704.6	2358.0	2022.0	1714.1	1442.8	1212.4	981.9	786.0	639.6	488.8	355.3
-17.5°	2504.4	2181.4	1877.8	1602.1	1363.1	1147.8	938.9	762.3	622.3	478.1	348.8
-20°	2293.4	2000.5	1731.3	1488.0	1279.1	1083.2	893.7	734.3	602.9	465.1	340.2



REPORT NUMBER: P721969
 CATALOG NUMBER: IFLD-S-SA6A-722-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2084.5	1821.8	1580.6	1376.0	1193.0	1016.4	848.4	706.3	581.4	450.1	333.8
-25°	1899.3	1653.8	1447.1	1268.3	1109.0	951.8	801.1	678.3	557.7	435.0	325.2
-27.5°	1718.4	1509.5	1315.7	1167.1	1027.2	889.3	755.8	648.2	534.0	417.8	316.5
-30°	1550.4	1371.7	1212.4	1068.1	949.6	833.4	717.1	618.0	508.2	400.5	305.8
-32.5°	1397.5	1253.3	1119.8	981.9	876.4	777.4	680.5	587.9	482.4	383.3	295.0
-35°	1255.4	1143.4	1027.2	910.9	803.2	725.7	641.7	555.6	458.7	363.9	284.2
-37.5°	1128.4	1037.9	945.3	846.3	753.7	676.2	605.1	523.3	435.0	346.7	273.5
-40°	1018.6	945.3	863.5	783.8	706.3	633.1	568.5	491.0	411.3	333.8	262.7
-42.5°	917.3	861.4	794.6	727.8	658.9	594.3	531.9	456.5	387.6	318.7	251.9
-45°	839.8	783.8	730.0	669.7	611.6	555.6	493.1	426.4	366.1	301.5	241.2
-47.5°	766.6	717.1	667.5	618.0	570.6	519.0	456.5	400.5	342.4	286.4	232.6
-50°	702.0	654.6	611.6	568.5	527.6	478.1	419.9	374.7	323.0	271.3	221.8
-52.5°	641.7	600.8	557.7	523.3	488.8	439.3	391.9	348.8	303.6	254.1	211.0
-55°	587.9	549.1	510.4	478.1	445.8	402.7	363.9	327.3	284.2	241.2	200.3
-57.5°	536.2	503.9	467.3	437.1	404.8	370.4	338.1	303.6	264.9	228.3	189.5
-60°	488.8	458.7	426.4	396.2	368.2	340.2	310.1	282.1	247.6	213.2	178.7
-62.5°	441.4	415.6	387.6	357.5	335.9	310.1	286.4	258.4	230.4	200.3	159.4
-65°	398.4	374.7	348.8	323.0	303.6	284.2	262.7	236.9	213.2	185.2	142.1
-67.5°	355.3	333.8	312.2	290.7	273.5	258.4	236.9	217.5	198.1	168.0	124.9
-70°	314.4	297.2	277.8	260.6	247.6	230.4	215.3	198.1	180.9	146.4	105.5
-72.5°	275.6	258.4	243.3	230.4	219.6	204.6	191.7	178.7	155.0	122.7	88.3
-75°	230.4	219.6	211.0	200.3	189.5	178.7	168.0	152.9	129.2	99.1	68.9
-77.5°	189.5	183.0	176.6	168.0	159.4	150.7	137.8	122.7	103.4	77.5	56.0
-80°	155.0	148.6	144.3	135.7	129.2	120.6	107.7	94.7	75.4	60.3	45.2
-82.5°	118.4	114.1	109.8	105.5	99.1	90.4	77.5	66.8	56.0	45.2	34.5
-85°	84.0	81.8	77.5	73.2	66.8	60.3	51.7	45.2	38.8	30.1	23.7
-87.5°	43.1	40.9	38.8	36.6	34.5	30.1	25.8	21.5	19.4	15.1	10.8
-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: P721969
 CATALOG NUMBER: IFLD-S-SA6A-722-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	8.6	6.5	2.2	0.0
85°	17.2	10.8	4.3	0.0
82.5°	25.8	17.2	6.5	0.0
80°	34.5	21.5	10.8	0.0
77.5°	43.1	25.8	12.9	0.0
75°	51.7	32.3	15.1	0.0
72.5°	58.1	36.6	17.2	0.0
70°	68.9	43.1	19.4	0.0
67.5°	86.1	47.4	21.5	0.0
65°	101.2	51.7	23.7	0.0
62.5°	118.4	56.0	25.8	0.0
60°	133.5	60.3	28.0	0.0
57.5°	148.6	71.1	30.1	0.0
55°	161.5	79.7	32.3	0.0
52.5°	176.6	88.3	34.5	0.0
50°	189.5	96.9	36.6	0.0
47.5°	200.3	105.5	36.6	0.0
45°	208.9	112.0	38.8	0.0
42.5°	215.3	118.4	40.9	0.0
40°	221.8	124.9	43.1	0.0
37.5°	228.3	131.4	43.1	0.0
35°	234.7	137.8	45.2	0.0
32.5°	241.2	144.3	45.2	0.0
30°	245.5	148.6	47.4	0.0
27.5°	251.9	152.9	47.4	0.0
25°	254.1	157.2	49.5	0.0
22.5°	258.4	159.4	49.5	0.0
20°	262.7	163.7	49.5	0.0
17.5°	264.9	165.8	51.7	0.0
15°	264.9	168.0	53.8	0.0
12.5°	267.0	170.1	53.8	0.0
10°	267.0	174.4	51.7	0.0
7.5°	271.3	172.3	51.7	0.0
5°	269.2	172.3	51.7	0.0
2.5°	267.0	170.1	51.7	0.0
0°	264.9	170.1	51.7	0.0
-2.5°	264.9	170.1	51.7	0.0
-5°	264.9	170.1	51.7	0.0
-7.5°	262.7	172.3	51.7	0.0
-10°	258.4	172.3	51.7	0.0
-12.5°	256.3	165.8	51.7	0.0
-15°	254.1	163.7	51.7	0.0
-17.5°	249.8	161.5	49.5	0.0
-20°	245.5	159.4	49.5	0.0



REPORT NUMBER: P721969
 CATALOG NUMBER: IFLD-S-SA6A-722-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	241.2	155.0	49.5	0.0
-25°	236.9	150.7	47.4	0.0
-27.5°	232.6	146.4	47.4	0.0
-30°	226.1	142.1	45.2	0.0
-32.5°	219.6	137.8	45.2	0.0
-35°	215.3	131.4	43.1	0.0
-37.5°	208.9	124.9	43.1	0.0
-40°	202.4	118.4	40.9	0.0
-42.5°	196.0	112.0	38.8	0.0
-45°	187.3	105.5	38.8	0.0
-47.5°	180.9	99.1	36.6	0.0
-50°	170.1	90.4	34.5	0.0
-52.5°	157.2	81.8	32.3	0.0
-55°	144.3	75.4	30.1	0.0
-57.5°	131.4	66.8	30.1	0.0
-60°	118.4	58.1	28.0	0.0
-62.5°	105.5	53.8	25.8	0.0
-65°	92.6	49.5	23.7	0.0
-67.5°	77.5	43.1	21.5	0.0
-70°	64.6	38.8	19.4	0.0
-72.5°	56.0	34.5	17.2	0.0
-75°	47.4	30.1	15.1	0.0
-77.5°	40.9	25.8	12.9	0.0
-80°	32.3	19.4	8.6	0.0
-82.5°	23.7	15.1	6.5	0.0
-85°	15.1	10.8	4.3	0.0
-87.5°	8.6	4.3	2.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)