

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: P722057

Luminaire Tested: **IFLD-S-SA6B-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722057
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6B-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

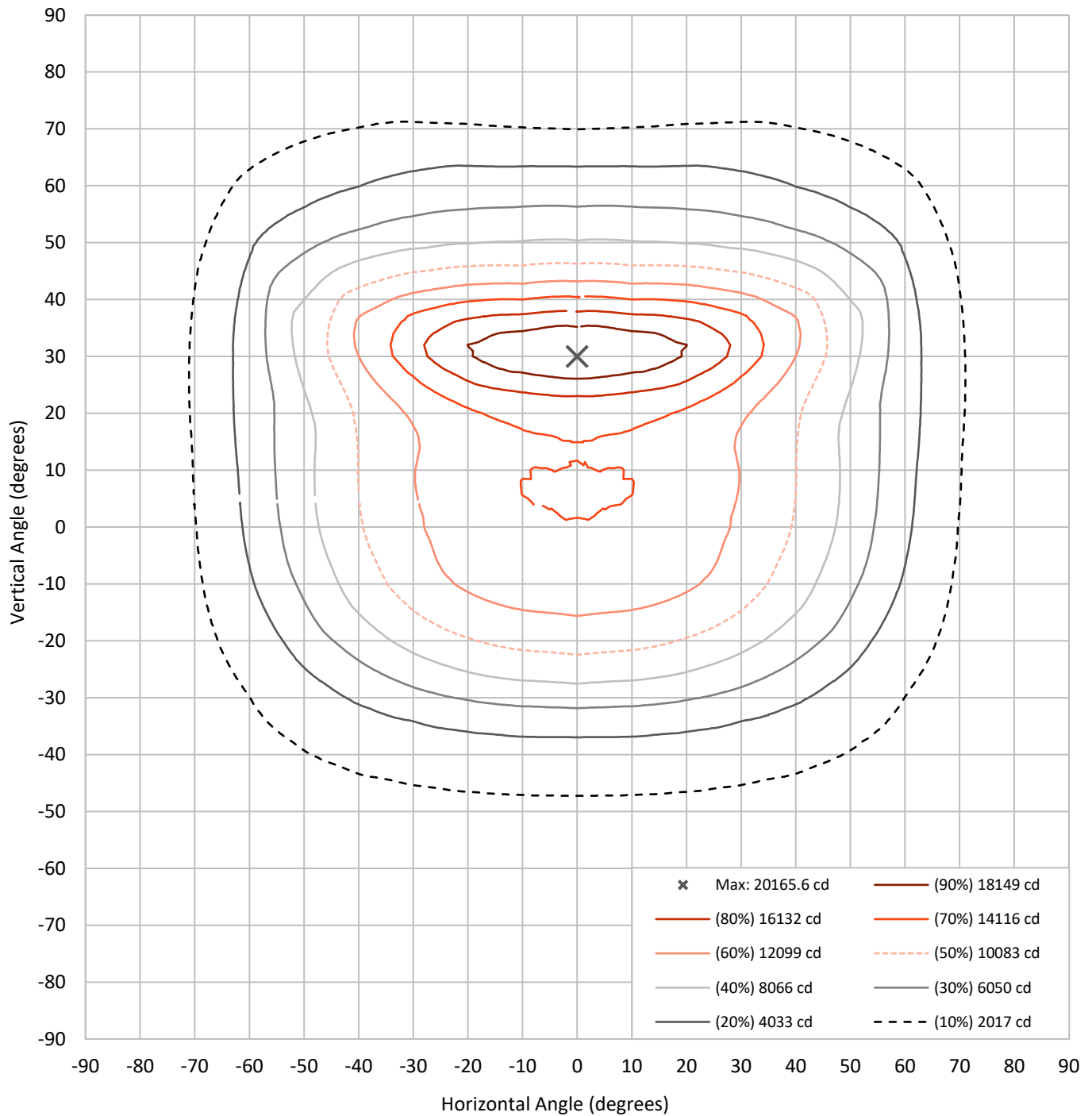
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	33661.5 lumens	Max Intensity:	20165.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	137.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	19574.5 lumens	Field Lumens:	31545.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 244.9
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: P722057
CATALOG NUMBER: IFLD-S-SA6B-735-U-76

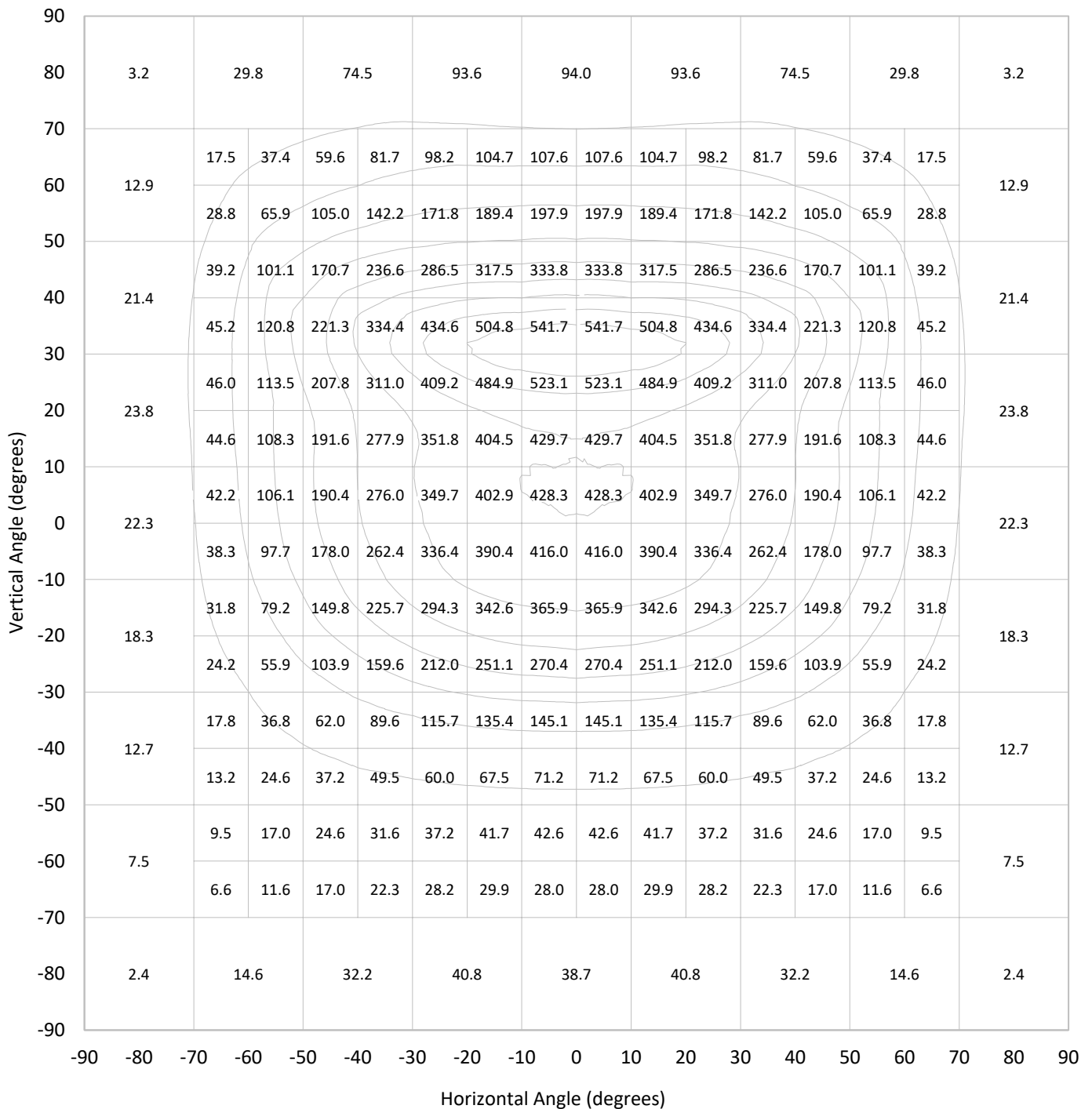
Iso-Candela Plot





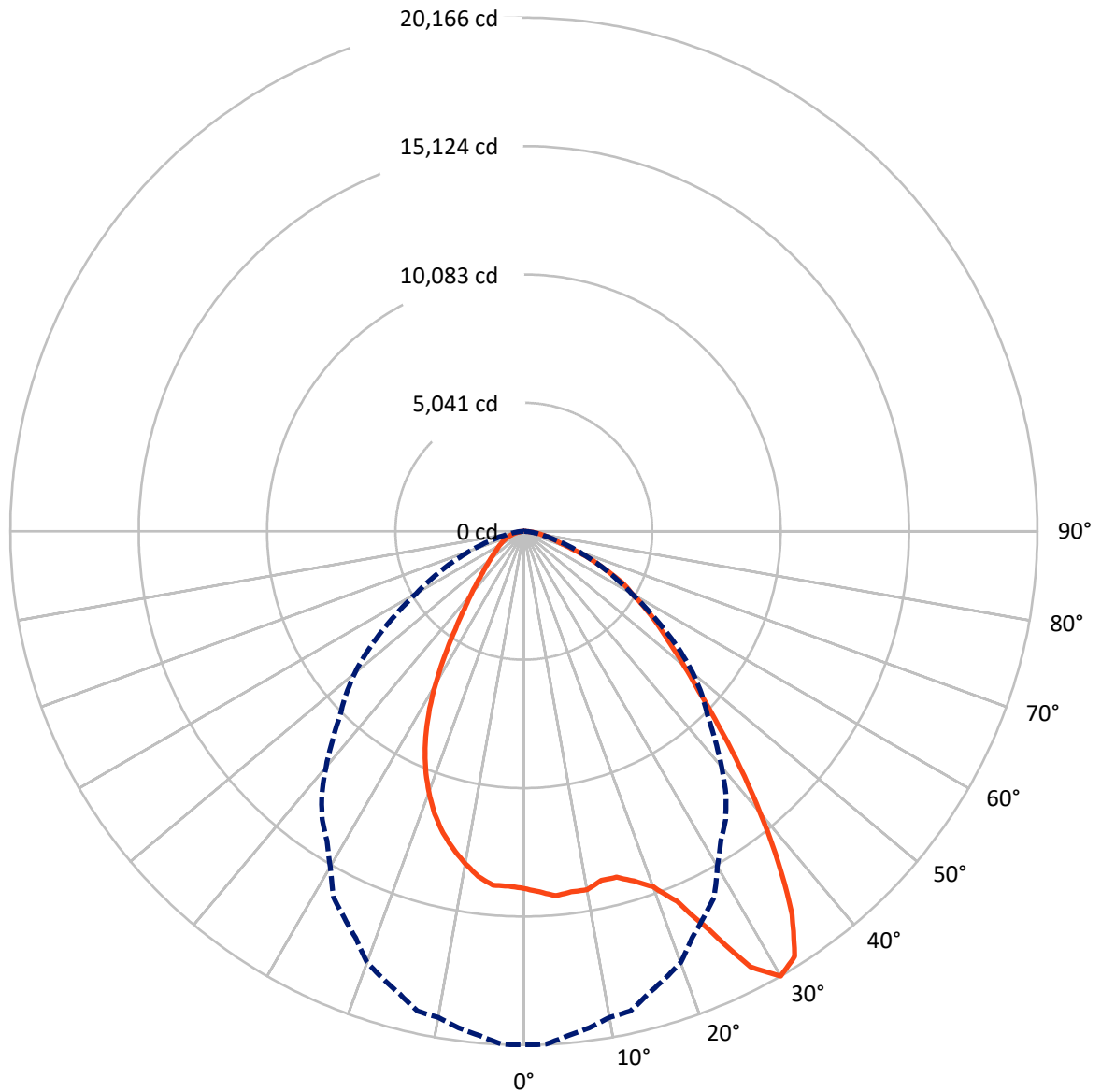
REPORT NUMBER: P722057
 CATALOG NUMBER: IFLD-S-SA6B-735-U-76

Lumen Table



REPORT NUMBER: P722057
CATALOG NUMBER: IFLD-S-SA6B-735-U-76

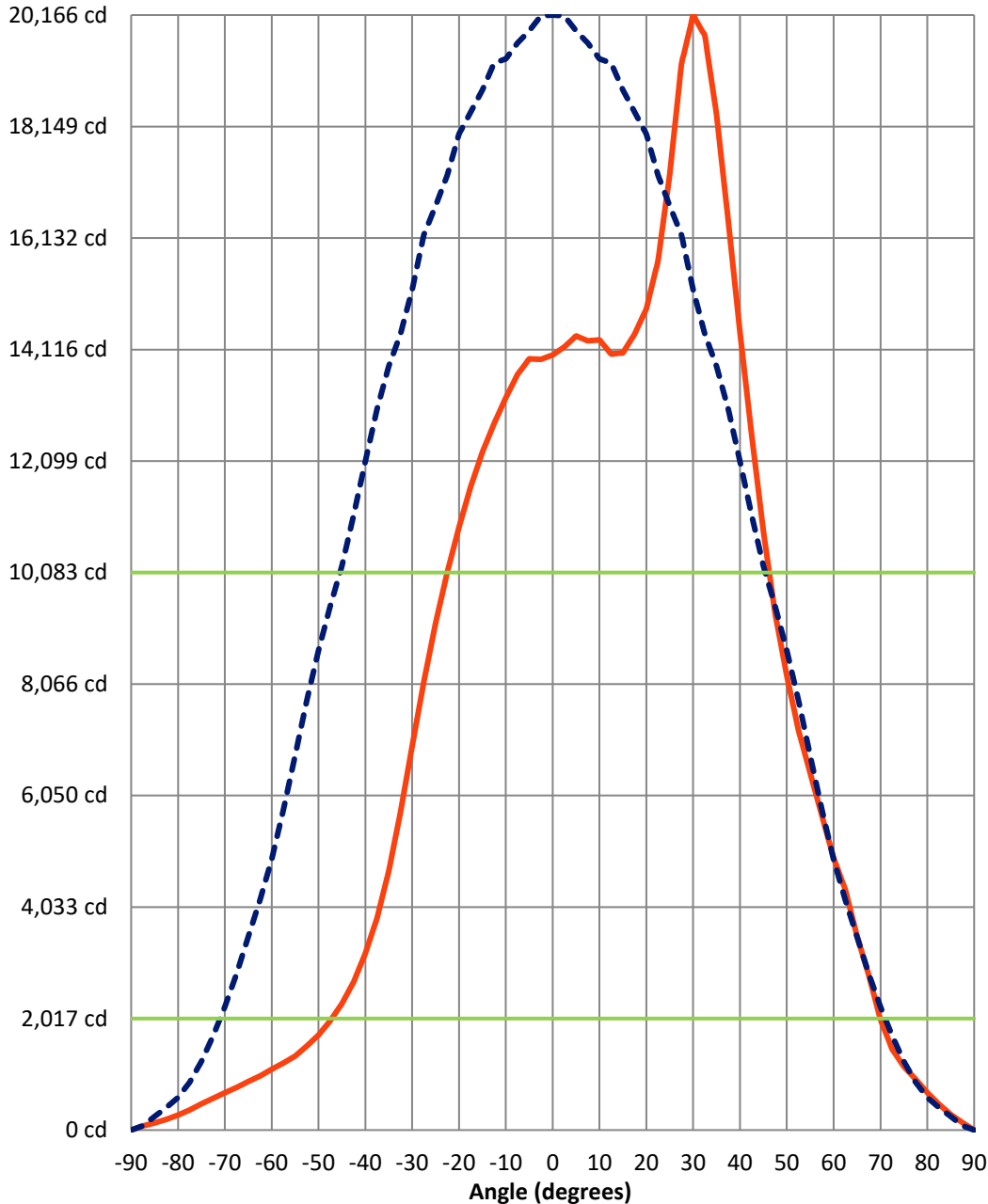
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722057
 CATALOG NUMBER: IFLD-S-SA6B-735-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 19574.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 31545.2
 Efficiency: 93.7%

Spill:
 Lumens: 2116.3
 Efficiency: 6.3%

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



REPORT NUMBER: P722057
 CATALOG NUMBER: IFLD-S-SA6B-735-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°	135.5	139.1	142.6	142.6	139.1	139.1	139.1	135.5	139.1	139.1	139.1
85°	281.7	288.8	296.0	292.4	288.8	281.7	274.6	278.1	281.7	285.3	285.3
82.5°	467.1	477.8	485.0	481.4	474.3	467.1	460.0	463.6	470.7	474.3	474.3
80°	677.5	681.1	684.7	691.8	681.1	681.1	677.5	691.8	698.9	706.1	713.2
77.5°	920.0	923.6	923.6	927.2	930.7	934.3	934.3	959.2	977.1	987.8	998.5
75°	1148.2	1158.9	1169.6	1180.3	1194.6	1201.7	1212.4	1248.1	1276.6	1298.0	1319.4
72.5°	1462.1	1476.3	1494.1	1519.1	1544.1	1561.9	1586.9	1629.7	1661.7	1683.1	1708.1
70°	2000.5	2014.8	2032.6	2050.4	2075.4	2093.2	2118.2	2171.7	2203.8	2218.0	2232.3
67.5°	2799.3	2835.0	2867.0	2831.4	2813.6	2788.6	2795.7	2845.7	2877.7	2899.1	2895.6
65°	3508.9	3533.9	3533.9	3530.3	3516.1	3484.0	3501.8	3562.4	3598.1	3615.9	3562.4
62.5°	4343.4	4343.4	4325.5	4354.1	4357.6	4336.2	4325.5	4329.1	4332.7	4343.4	4254.2
60°	4921.1	4956.7	4967.4	4992.4	4999.5	4999.5	5017.3	5031.6	5031.6	5010.2	4906.8
57.5°	5684.2	5751.9	5766.2	5748.4	5712.7	5666.3	5659.2	5637.8	5595.0	5552.2	5502.3
55°	6454.4	6490.1	6486.5	6475.8	6440.2	6386.7	6393.8	6365.3	6297.5	6244.0	6176.3
52.5°	7228.2	7313.8	7328.1	7306.7	7256.8	7199.7	7203.3	7171.2	7103.4	7046.4	6953.7
50°	8216.0	8287.3	8280.2	8244.5	8173.2	8130.4	8134.0	8073.4	7994.9	7977.1	7855.9
47.5°	9346.4	9428.5	9414.2	9364.3	9268.0	9250.2	9268.0	9189.5	9143.2	9103.9	8961.3
45°	10829.9	10926.2	10872.7	10776.4	10623.1	10640.9	10665.8	10651.6	10551.7	10448.3	10266.5
42.5°	12570.1	12630.7	12566.5	12470.2	12277.7	12313.3	12299.1	12213.5	12152.9	11981.7	11749.9
40°	14431.5	14563.5	14463.6	14313.8	14114.1	14167.6	14128.4	14017.9	13875.2	13661.3	13368.9
37.5°	16439.2	16542.6	16428.5	16253.7	16075.4	16057.6	15979.2	15808.0	15604.7	15369.4	14902.2
35°	18361.2	18628.7	18418.3	18140.1	17922.6	17840.6	17765.7	17369.9	17138.1	16756.5	16118.2
32.5°	19791.2	19987.3	19727.0	19438.2	19174.3	19060.2	18796.3	18325.6	18200.8	17398.4	16813.6
30°	20165.6	20151.4	19880.3	19659.2	19374.0	19295.5	18810.5	18411.2	18011.8	17270.0	16713.7
27.5°	19274.1	19185.0	18924.7	18732.1	18450.4	18357.7	17879.8	17665.9	17049.0	16421.3	15950.6
25°	17287.9	17334.2	17138.1	17041.8	16856.4	16656.7	16467.7	16178.9	15793.7	15244.6	14813.1
22.5°	15722.4	15783.0	15701.0	15586.9	15444.3	15333.7	15191.1	14966.4	14595.6	14256.8	13850.3
20°	14852.3	14834.5	14763.2	14677.6	14542.1	14463.6	14306.7	14117.7	13832.4	13540.0	13101.4
17.5°	14395.9	14285.3	14217.6	14185.5	14114.1	14014.3	13828.9	13636.3	13415.2	13083.6	12762.6
15°	14057.1	14074.9	14021.4	13996.5	13939.4	13800.3	13611.3	13454.4	13154.9	12987.3	12694.9
12.5°	14035.7	14017.9	14021.4	14010.7	13939.4	13761.1	13664.8	13465.1	13272.6	13051.5	12716.3
10°	14288.9	14099.9	14114.1	14164.1	14050.0	13907.3	13803.9	13586.4	13404.5	13122.8	12791.2
7.5°	14274.6	14178.3	14206.9	14124.8	14160.5	13985.8	13843.1	13625.6	13397.4	13097.8	12798.3
5°	14360.2	14214.0	14189.0	14196.2	14107.0	13975.1	13782.5	13575.7	13361.7	13026.5	12719.9
2.5°	14164.1	14185.5	14071.4	14028.6	14017.9	13796.8	13618.5	13418.8	13197.7	12901.7	12627.1
0°	14017.9	14057.1	13939.4	13878.8	13875.2	13686.2	13572.1	13343.9	13187.0	12940.9	12609.3
-2.5°	13939.4	13985.8	14000.0	13889.5	13782.5	13636.3	13443.7	13197.7	12940.9	12655.7	12370.4
-5°	13946.5	13853.8	13814.6	13850.3	13757.6	13611.3	13397.4	13179.9	12926.7	12620.0	12263.4
-7.5°	13664.8	13572.1	13565.0	13547.2	13525.8	13386.7	13208.4	12973.0	12716.3	12431.0	12099.4
-10°	13244.1	13176.3	13158.5	13140.6	13083.6	13001.6	12834.0	12620.0	12388.2	12102.9	11749.9
-12.5°	12776.9	12744.8	12677.1	12630.7	12573.6	12477.4	12316.9	12120.8	11889.0	11635.8	11332.7
-15°	12259.8	12199.2	12131.5	12092.2	12010.2	11896.1	11735.6	11553.8	11300.6	11051.0	10765.7
-17.5°	11635.8	11560.9	11486.0	11475.3	11418.3	11243.5	11093.8	10872.7	10651.6	10412.7	10134.5
-20°	10901.2	10797.8	10747.9	10719.3	10640.9	10512.5	10352.0	10148.8	9934.8	9706.6	9385.7



REPORT NUMBER: P722057
 CATALOG NUMBER: IFLD-S-SA6B-735-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	10088.2	9999.0	9913.4	9859.9	9792.2	9692.3	9539.0	9360.7	9150.3	8893.6	8597.6
-25°	9164.6	9039.8	8986.3	8925.6	8890.0	8797.3	8647.5	8483.5	8265.9	8016.3	7734.6
-27.5°	8109.0	8009.2	7980.7	7895.1	7852.3	7756.0	7631.2	7477.9	7278.2	7042.8	6811.0
-30°	6943.0	6882.3	6836.0	6750.4	6718.3	6614.9	6532.9	6404.5	6222.6	6055.0	5869.6
-32.5°	5744.8	5684.2	5669.9	5630.7	5609.3	5541.5	5448.8	5356.1	5209.9	5085.1	4935.3
-35°	4682.1	4639.3	4642.9	4639.3	4617.9	4568.0	4453.9	4428.9	4322.0	4207.9	4111.6
-37.5°	3833.4	3837.0	3833.4	3829.9	3801.3	3779.9	3697.9	3665.8	3601.6	3491.1	3434.0
-40°	3195.1	3202.3	3198.7	3191.6	3159.5	3148.8	3095.3	3052.5	3027.5	2949.1	2888.4
-42.5°	2678.1	2688.7	2685.2	2681.6	2660.2	2656.7	2628.1	2578.2	2563.9	2517.6	2453.4
-45°	2285.8	2282.2	2275.1	2282.2	2271.5	2260.8	2243.0	2210.9	2193.1	2171.7	2118.2
-47.5°	1975.6	1979.1	1972.0	1972.0	1957.7	1947.0	1939.9	1918.5	1904.2	1886.4	1854.3
-50°	1718.8	1733.1	1729.5	1725.9	1715.2	1708.1	1708.1	1686.7	1665.3	1658.2	1636.8
-52.5°	1519.1	1529.8	1533.4	1540.5	1544.1	1547.6	1536.9	1515.5	1479.9	1476.3	1465.6
-55°	1337.2	1369.3	1390.7	1405.0	1419.3	1430.0	1408.6	1380.0	1344.4	1330.1	1326.5
-57.5°	1212.4	1244.5	1269.5	1290.9	1308.7	1326.5	1305.1	1276.6	1244.5	1226.7	1223.1
-60°	1098.3	1126.8	1151.8	1180.3	1205.3	1233.8	1223.1	1201.7	1183.9	1169.6	1155.4
-62.5°	977.1	1005.6	1034.1	1069.8	1101.9	1130.4	1134.0	1130.4	1126.8	1130.4	1105.5
-65°	877.2	891.5	909.3	948.6	984.2	1016.3	1034.1	1044.8	1062.7	1080.5	1055.5
-67.5°	770.3	788.1	809.5	838.0	866.5	887.9	912.9	941.4	969.9	998.5	980.6
-70°	674.0	688.2	706.1	720.3	738.2	752.4	773.8	805.9	838.0	866.5	859.4
-72.5°	574.1	588.4	599.1	606.2	616.9	624.0	634.7	663.3	684.7	698.9	698.9
-75°	474.3	488.5	499.2	502.8	509.9	513.5	520.6	531.3	542.0	545.6	549.2
-77.5°	363.7	378.0	388.7	395.8	403.0	410.1	413.7	420.8	424.4	424.4	427.9
-80°	271.0	281.7	288.8	299.5	303.1	310.2	317.4	320.9	324.5	324.5	328.1
-82.5°	192.6	199.7	206.8	214.0	221.1	224.7	231.8	235.4	238.9	242.5	246.1
-85°	128.4	135.5	142.6	149.8	153.3	156.9	160.5	164.0	167.6	171.2	174.7
-87.5°	74.9	78.5	82.0	89.1	92.7	99.8	103.4	99.8	103.4	103.4	103.4
-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: P722057
 CATALOG NUMBER: IFLD-S-SA6B-735-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°	139.1	139.1	139.1	139.1	135.5	128.4	124.8	117.7	110.5	103.4	96.3
85°	288.8	292.4	292.4	292.4	285.3	281.7	271.0	260.3	246.1	224.7	206.8
82.5°	481.4	485.0	485.0	481.4	474.3	463.6	449.3	431.5	403.0	374.4	349.5
80°	723.9	727.5	727.5	723.9	706.1	688.2	670.4	649.0	613.3	574.1	531.3
77.5°	1012.7	1019.9	1019.9	1009.2	984.2	962.8	934.3	898.6	845.1	788.1	731.0
75°	1347.9	1365.8	1369.3	1358.6	1326.5	1287.3	1241.0	1180.3	1098.3	1027.0	959.2
72.5°	1736.6	1754.5	1768.7	1754.5	1708.1	1654.6	1586.9	1515.5	1433.5	1337.2	1223.1
70°	2246.6	2264.4	2275.1	2228.7	2146.7	2057.6	1975.6	1893.5	1797.3	1679.6	1554.8
67.5°	2888.4	2870.6	2849.2	2756.5	2653.1	2546.1	2432.0	2310.8	2185.9	2061.1	1914.9
65°	3505.4	3455.4	3409.1	3298.5	3166.6	3027.5	2895.6	2760.1	2610.3	2453.4	2314.3
62.5°	4154.4	4047.4	3933.3	3797.8	3662.3	3508.9	3377.0	3216.5	3048.9	2856.4	2678.1
60°	4792.7	4664.3	4550.2	4382.6	4204.3	3997.5	3854.8	3697.9	3501.8	3295.0	3084.6
57.5°	5409.6	5270.5	5145.7	4999.5	4806.9	4582.3	4425.4	4222.1	4015.3	3755.0	3541.0
55°	6065.7	5926.7	5826.8	5662.8	5452.4	5245.6	5074.4	4860.4	4571.6	4293.4	4029.6
52.5°	6818.2	6707.6	6600.6	6433.0	6179.8	5969.5	5780.5	5541.5	5238.4	4896.1	4578.7
50°	7659.7	7602.7	7488.6	7292.4	7003.6	6818.2	6568.5	6251.2	5926.7	5566.5	5170.7
47.5°	8775.9	8683.2	8522.7	8308.7	8066.2	7788.1	7452.9	7082.0	6622.0	6222.6	5801.8
45°	10109.6	9938.4	9731.6	9442.7	9143.2	8829.4	8462.1	7991.4	7374.4	6853.8	6411.6
42.5°	11553.8	11322.0	11040.3	10662.3	10273.6	9888.5	9492.6	8850.8	8080.5	7481.4	6982.2
40°	13062.2	12766.2	12413.2	11864.0	11432.5	10936.9	10484.0	9524.7	8704.6	8055.5	7524.2
37.5°	14538.5	14164.1	13572.1	12905.3	12402.5	11996.0	11001.0	9974.0	9239.5	8526.3	7987.8
35°	15668.9	15351.5	14306.7	13614.9	13183.4	12541.6	11297.0	10245.1	9467.7	8875.7	8037.7
32.5°	16339.3	15519.1	14602.7	13903.8	13547.2	12495.2	11318.4	10323.5	9574.7	8911.4	7909.3
30°	16189.5	15198.2	14395.9	13811.0	13037.2	12092.2	11118.7	10202.3	9474.8	8672.5	7766.7
27.5°	15287.4	14520.7	13803.9	13194.1	12434.6	11585.9	10687.2	9881.3	9203.8	8426.4	7570.6
25°	14267.5	13572.1	13040.8	12509.5	11789.1	10979.7	10188.0	9606.8	8925.6	8159.0	7313.8
22.5°	13329.6	12830.4	12413.2	11856.9	11154.4	10448.3	9956.2	9353.6	8654.6	7877.3	7049.9
20°	12730.5	12391.8	11913.9	11300.6	10747.9	10305.7	9760.1	9121.8	8401.4	7588.4	6825.3
17.5°	12441.7	12049.4	11518.1	11118.7	10694.4	10209.4	9599.6	8922.1	8155.4	7456.5	6850.2
15°	12291.9	11878.3	11528.8	11136.6	10658.7	10148.8	9471.2	8768.7	8155.4	7510.0	6868.1
12.5°	12324.0	11967.4	11585.9	11158.0	10644.5	10098.9	9485.5	8832.9	8198.2	7549.2	6871.6
10°	12423.9	12049.4	11642.9	11168.6	10651.6	10113.1	9524.7	8872.2	8219.6	7567.0	6864.5
7.5°	12459.5	12053.0	11618.0	11140.1	10633.8	10106.0	9531.9	8882.9	8223.2	7563.4	6843.1
5°	12349.0	11981.7	11560.9	11079.5	10583.8	10070.3	9503.3	8868.6	8194.6	7527.8	6789.6
2.5°	12199.2	11903.2	11500.3	11036.7	10533.9	10020.4	9457.0	8804.4	8130.4	7463.6	6721.9
0°	12174.3	11807.0	11400.4	10986.8	10451.9	9909.9	9350.0	8683.2	8012.8	7342.4	6604.2
-2.5°	12010.2	11621.5	11215.0	10765.7	10295.0	9749.4	9161.0	8508.4	7845.2	7185.5	6475.8
-5°	11885.4	11453.9	11022.4	10537.5	10063.2	9517.6	8907.8	8273.1	7624.1	6982.2	6297.5
-7.5°	11717.8	11275.6	10822.7	10316.4	9802.9	9246.6	8643.9	8009.2	7370.9	6732.6	6076.4
-10°	11379.0	10990.4	10566.0	10041.8	9499.8	8943.5	8344.4	7720.3	7082.0	6436.6	5776.9
-12.5°	10969.0	10558.9	10095.3	9613.9	9128.9	8611.8	8012.8	7399.4	6757.5	6108.5	5452.4
-15°	10437.6	10034.7	9560.4	9089.7	8622.5	8126.9	7599.1	7046.4	6393.8	5755.5	5099.4
-17.5°	9774.4	9396.4	8972.0	8522.7	8059.1	7559.9	7046.4	6579.2	5969.5	5370.4	4721.4
-20°	9061.2	8708.1	8326.6	7902.2	7438.6	6950.1	6465.1	5976.6	5448.8	4921.1	4318.4



REPORT NUMBER: P722057
 CATALOG NUMBER: IFLD-S-SA6B-735-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8319.4	7962.8	7577.7	7181.9	6754.0	6301.1	5851.8	5384.6	4921.1	4443.2	3933.3
-25°	7463.6	7149.8	6796.8	6411.6	6030.1	5634.2	5206.3	4782.0	4386.2	3972.5	3555.3
-27.5°	6568.5	6279.7	5958.8	5623.6	5295.5	4963.8	4593.0	4200.7	3872.7	3530.3	3184.4
-30°	5627.1	5395.3	5135.0	4842.6	4589.4	4322.0	4011.7	3687.2	3387.7	3127.4	2849.2
-32.5°	4735.6	4539.5	4354.1	4161.5	3911.9	3705.1	3491.1	3252.2	2988.3	2742.2	2542.5
-35°	3968.9	3758.5	3680.1	3537.5	3359.2	3177.3	3020.4	2849.2	2649.5	2432.0	2268.0
-37.5°	3323.5	3198.7	3088.1	3009.7	2892.0	2745.8	2621.0	2496.2	2342.8	2178.8	2014.8
-40°	2820.7	2735.1	2613.9	2574.6	2499.8	2399.9	2271.5	2175.2	2071.8	1947.0	1808.0
-42.5°	2417.7	2353.5	2275.1	2207.3	2175.2	2103.9	2004.1	1911.4	1829.3	1743.8	1636.8
-45°	2086.1	2043.3	1993.4	1932.8	1907.8	1850.7	1779.4	1676.0	1629.7	1558.3	1479.9
-47.5°	1818.6	1797.3	1761.6	1722.4	1686.7	1643.9	1579.7	1515.5	1451.4	1405.0	1344.4
-50°	1608.3	1594.0	1572.6	1540.5	1494.1	1465.6	1422.8	1365.8	1305.1	1265.9	1223.1
-52.5°	1440.7	1426.4	1412.1	1387.2	1351.5	1323.0	1287.3	1241.0	1191.0	1151.8	1116.2
-55°	1312.3	1290.9	1280.2	1258.8	1230.3	1198.2	1166.1	1134.0	1091.2	1055.5	1019.9
-57.5°	1212.4	1183.9	1169.6	1151.8	1123.3	1091.2	1066.2	1034.1	1005.6	966.4	934.3
-60°	1134.0	1101.9	1073.4	1055.5	1030.6	998.5	973.5	948.6	920.0	887.9	848.7
-62.5°	1069.8	1030.6	991.3	969.9	945.0	916.5	891.5	866.5	838.0	805.9	770.3
-65°	1009.2	962.8	912.9	891.5	866.5	838.0	805.9	788.1	763.1	734.6	698.9
-67.5°	934.3	884.4	841.6	816.6	791.6	766.7	738.2	720.3	695.4	659.7	624.0
-70°	823.7	791.6	763.1	741.7	720.3	698.9	670.4	641.9	613.3	581.3	549.2
-72.5°	684.7	674.0	670.4	659.7	634.7	609.8	581.3	552.7	527.8	502.8	477.8
-75°	552.7	559.9	567.0	563.4	538.5	513.5	488.5	463.6	445.7	424.4	403.0
-77.5°	438.6	445.7	452.9	452.9	435.0	420.8	403.0	385.1	370.9	353.0	331.6
-80°	338.8	349.5	360.2	367.3	353.0	342.3	328.1	313.8	299.5	285.3	271.0
-82.5°	256.8	267.4	278.1	285.3	274.6	267.4	256.8	246.1	235.4	221.1	210.4
-85°	185.4	192.6	199.7	203.3	196.1	189.0	181.9	174.7	167.6	156.9	149.8
-87.5°	107.0	110.5	114.1	117.7	110.5	103.4	99.8	92.7	89.1	82.0	78.5
-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: P722057
 CATALOG NUMBER: IFLD-S-SA6B-735-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°	89.1	82.0	74.9	71.3	64.2	53.5	46.4	39.2	32.1	25.0	21.4
85°	189.0	171.2	149.8	139.1	124.8	110.5	96.3	82.0	67.8	53.5	39.2
82.5°	324.5	303.1	281.7	256.8	224.7	185.4	146.2	121.2	99.8	78.5	60.6
80°	488.5	449.3	413.7	381.6	345.9	296.0	242.5	192.6	135.5	103.4	78.5
77.5°	677.5	631.2	581.3	527.8	470.7	403.0	342.3	278.1	210.4	142.6	99.8
75°	891.5	830.9	763.1	688.2	613.3	524.2	438.6	363.7	285.3	199.7	121.2
72.5°	1130.4	1055.5	973.5	873.7	756.0	652.6	549.2	449.3	356.6	253.2	164.0
70°	1437.1	1319.4	1198.2	1091.2	941.4	777.4	656.1	542.0	424.4	310.2	206.8
67.5°	1765.2	1622.5	1476.3	1319.4	1130.4	937.9	763.1	634.7	495.7	363.7	246.1
65°	2121.8	1943.5	1758.0	1583.3	1323.0	1094.8	898.6	723.9	563.4	413.7	285.3
62.5°	2489.1	2278.7	2064.7	1836.5	1536.9	1255.2	1027.0	823.7	627.6	460.0	320.9
60°	2881.3	2635.3	2374.9	2089.7	1740.2	1430.0	1148.2	927.2	695.4	506.4	360.2
57.5°	3295.0	3027.5	2720.8	2335.7	1950.6	1597.6	1287.3	1019.9	756.0	549.2	388.7
55°	3744.3	3437.6	3102.4	2592.5	2157.4	1765.2	1426.4	1112.6	820.2	584.8	417.2
52.5°	4229.3	3872.7	3448.3	2863.5	2374.9	1936.3	1554.8	1194.6	880.8	624.0	442.2
50°	4771.3	4322.0	3751.4	3113.1	2563.9	2096.8	1683.1	1283.8	930.7	666.8	463.6
47.5°	5334.7	4849.7	4022.4	3344.9	2756.5	2253.7	1815.1	1362.2	980.6	702.5	485.0
45°	5923.1	5217.0	4304.1	3551.7	2924.1	2396.3	1914.9	1433.5	1041.3	734.6	502.8
42.5°	6504.3	5495.2	4550.2	3758.5	3081.0	2524.7	1996.9	1501.3	1091.2	766.7	520.6
40°	6778.9	5705.6	4746.3	3901.2	3212.9	2638.8	2068.3	1561.9	1134.0	788.1	538.5
37.5°	6893.0	5833.9	4874.7	4036.7	3316.4	2699.4	2128.9	1615.4	1169.6	809.5	552.7
35°	6918.0	5880.3	4938.9	4129.4	3401.9	2756.5	2175.2	1654.6	1198.2	830.9	567.0
32.5°	6871.6	5866.0	4956.7	4161.5	3455.4	2799.3	2207.3	1683.1	1219.6	852.3	581.3
30°	6768.2	5791.2	4892.5	4157.9	3494.7	2824.3	2228.7	1704.5	1241.0	866.5	588.4
27.5°	6600.6	5659.2	4810.5	4161.5	3516.1	2835.0	2239.4	1715.2	1255.2	877.2	602.7
25°	6393.8	5480.9	4814.1	4154.4	3519.6	2838.5	2239.4	1715.2	1258.8	880.8	613.3
22.5°	6154.9	5480.9	4814.1	4143.7	3498.2	2831.4	2228.7	1708.1	1258.8	887.9	624.0
20°	6169.1	5484.5	4803.4	4122.3	3466.1	2810.0	2203.8	1690.3	1248.1	898.6	631.2
17.5°	6179.8	5477.3	4782.0	4093.7	3423.3	2774.3	2171.7	1665.3	1248.1	909.3	634.7
15°	6179.8	5455.9	4749.9	4051.0	3369.9	2724.4	2125.3	1643.9	1251.7	912.9	641.9
12.5°	6169.1	5416.7	4700.0	3993.9	3305.7	2663.8	2096.8	1636.8	1251.7	916.5	641.9
10°	6147.7	5363.2	4635.8	3922.6	3245.0	2642.4	2082.5	1622.5	1244.5	916.5	641.9
7.5°	6108.5	5299.0	4582.3	3879.8	3209.4	2617.4	2061.1	1601.1	1233.8	909.3	649.0
5°	6047.9	5263.4	4539.5	3829.9	3159.5	2599.6	2046.9	1583.3	1226.7	909.3	641.9
2.5°	5969.5	5220.6	4489.6	3765.7	3102.4	2539.0	2000.5	1544.1	1201.7	895.1	634.7
0°	5841.1	5135.0	4404.0	3676.5	3024.0	2478.4	1954.2	1504.8	1176.8	880.8	627.6
-2.5°	5723.4	5020.9	4293.4	3583.8	2949.1	2424.9	1918.5	1483.4	1166.1	877.2	624.0
-5°	5559.4	4864.0	4147.2	3462.6	2849.2	2371.4	1882.8	1458.5	1155.4	870.1	624.0
-7.5°	5377.5	4700.0	3993.9	3337.8	2749.4	2278.7	1815.1	1419.3	1130.4	855.8	620.5
-10°	5095.8	4453.9	3801.3	3195.1	2642.4	2196.6	1758.0	1383.6	1109.0	841.6	606.2
-12.5°	4796.2	4182.9	3580.2	3020.4	2521.1	2111.1	1693.8	1344.4	1084.1	827.3	599.1
-15°	4478.9	3904.7	3348.5	2838.5	2389.2	2007.6	1626.1	1301.6	1059.1	809.5	588.4
-17.5°	4147.2	3612.3	3109.5	2653.1	2257.3	1900.7	1554.8	1262.4	1030.6	791.6	577.7
-20°	3797.8	3312.8	2867.0	2464.1	2118.2	1793.7	1479.9	1216.0	998.5	770.3	563.4



REPORT NUMBER: P722057

CATALOG NUMBER: IFLD-S-SA6B-735-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3451.9	3016.8	2617.4	2278.7	1975.6	1683.1	1405.0	1169.6	962.8	745.3	552.7
-25°	3145.2	2738.7	2396.3	2100.4	1836.5	1576.2	1326.5	1123.3	923.6	720.3	538.5
-27.5°	2845.7	2499.8	2178.8	1932.8	1701.0	1472.7	1251.7	1073.4	884.4	691.8	524.2
-30°	2567.5	2271.5	2007.6	1768.7	1572.6	1380.0	1187.5	1023.4	841.6	663.3	506.4
-32.5°	2314.3	2075.4	1854.3	1626.1	1451.4	1287.3	1126.8	973.5	798.8	634.7	488.5
-35°	2079.0	1893.5	1701.0	1508.4	1330.1	1201.7	1062.7	920.0	759.6	602.7	470.7
-37.5°	1868.6	1718.8	1565.5	1401.4	1248.1	1119.7	1002.0	866.5	720.3	574.1	452.9
-40°	1686.7	1565.5	1430.0	1298.0	1169.6	1048.4	941.4	813.0	681.1	552.7	435.0
-42.5°	1519.1	1426.4	1315.8	1205.3	1091.2	984.2	880.8	756.0	641.9	527.8	417.2
-45°	1390.7	1298.0	1208.9	1109.0	1012.7	920.0	816.6	706.1	606.2	499.2	399.4
-47.5°	1269.5	1187.5	1105.5	1023.4	945.0	859.4	756.0	663.3	567.0	474.3	385.1
-50°	1162.5	1084.1	1012.7	941.4	873.7	791.6	695.4	620.5	534.9	449.3	367.3
-52.5°	1062.7	994.9	923.6	866.5	809.5	727.5	649.0	577.7	502.8	420.8	349.5
-55°	973.5	909.3	845.1	791.6	738.2	666.8	602.7	542.0	470.7	399.4	331.6
-57.5°	887.9	834.4	773.8	723.9	670.4	613.3	559.9	502.8	438.6	378.0	313.8
-60°	809.5	759.6	706.1	656.1	609.8	563.4	513.5	467.1	410.1	353.0	296.0
-62.5°	731.0	688.2	641.9	592.0	556.3	513.5	474.3	427.9	381.6	331.6	263.9
-65°	659.7	620.5	577.7	534.9	502.8	470.7	435.0	392.3	353.0	306.7	235.4
-67.5°	588.4	552.7	517.1	481.4	452.9	427.9	392.3	360.2	328.1	278.1	206.8
-70°	520.6	492.1	460.0	431.5	410.1	381.6	356.6	328.1	299.5	242.5	174.7
-72.5°	456.4	427.9	403.0	381.6	363.7	338.8	317.4	296.0	256.8	203.3	146.2
-75°	381.6	363.7	349.5	331.6	313.8	296.0	278.1	253.2	214.0	164.0	114.1
-77.5°	313.8	303.1	292.4	278.1	263.9	249.6	228.2	203.3	171.2	128.4	92.7
-80°	256.8	246.1	238.9	224.7	214.0	199.7	178.3	156.9	124.8	99.8	74.9
-82.5°	196.1	189.0	181.9	174.7	164.0	149.8	128.4	110.5	92.7	74.9	57.1
-85°	139.1	135.5	128.4	121.2	110.5	99.8	85.6	74.9	64.2	49.9	39.2
-87.5°	71.3	67.8	64.2	60.6	57.1	49.9	42.8	35.7	32.1	25.0	17.8
-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: P722057
 CATALOG NUMBER: IFLD-S-SA6B-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	14.3	10.7	3.6	0.0
85°	28.5	17.8	7.1	0.0
82.5°	42.8	28.5	10.7	0.0
80°	57.1	35.7	17.8	0.0
77.5°	71.3	42.8	21.4	0.0
75°	85.6	53.5	25.0	0.0
72.5°	96.3	60.6	28.5	0.0
70°	114.1	71.3	32.1	0.0
67.5°	142.6	78.5	35.7	0.0
65°	167.6	85.6	39.2	0.0
62.5°	196.1	92.7	42.8	0.0
60°	221.1	99.8	46.4	0.0
57.5°	246.1	117.7	49.9	0.0
55°	267.4	131.9	53.5	0.0
52.5°	292.4	146.2	57.1	0.0
50°	313.8	160.5	60.6	0.0
47.5°	331.6	174.7	60.6	0.0
45°	345.9	185.4	64.2	0.0
42.5°	356.6	196.1	67.8	0.0
40°	367.3	206.8	71.3	0.0
37.5°	378.0	217.5	71.3	0.0
35°	388.7	228.2	74.9	0.0
32.5°	399.4	238.9	74.9	0.0
30°	406.5	246.1	78.5	0.0
27.5°	417.2	253.2	78.5	0.0
25°	420.8	260.3	82.0	0.0
22.5°	427.9	263.9	82.0	0.0
20°	435.0	271.0	82.0	0.0
17.5°	438.6	274.6	85.6	0.0
15°	438.6	278.1	89.1	0.0
12.5°	442.2	281.7	89.1	0.0
10°	442.2	288.8	85.6	0.0
7.5°	449.3	285.3	85.6	0.0
5°	445.7	285.3	85.6	0.0
2.5°	442.2	281.7	85.6	0.0
0°	438.6	281.7	85.6	0.0
-2.5°	438.6	281.7	85.6	0.0
-5°	438.6	281.7	85.6	0.0
-7.5°	435.0	285.3	85.6	0.0
-10°	427.9	285.3	85.6	0.0
-12.5°	424.4	274.6	85.6	0.0
-15°	420.8	271.0	85.6	0.0
-17.5°	413.7	267.4	82.0	0.0
-20°	406.5	263.9	82.0	0.0



REPORT NUMBER: P722057

CATALOG NUMBER: IFLD-S-SA6B-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	399.4	256.8	82.0	0.0
-25°	392.3	249.6	78.5	0.0
-27.5°	385.1	242.5	78.5	0.0
-30°	374.4	235.4	74.9	0.0
-32.5°	363.7	228.2	74.9	0.0
-35°	356.6	217.5	71.3	0.0
-37.5°	345.9	206.8	71.3	0.0
-40°	335.2	196.1	67.8	0.0
-42.5°	324.5	185.4	64.2	0.0
-45°	310.2	174.7	64.2	0.0
-47.5°	299.5	164.0	60.6	0.0
-50°	281.7	149.8	57.1	0.0
-52.5°	260.3	135.5	53.5	0.0
-55°	238.9	124.8	49.9	0.0
-57.5°	217.5	110.5	49.9	0.0
-60°	196.1	96.3	46.4	0.0
-62.5°	174.7	89.1	42.8	0.0
-65°	153.3	82.0	39.2	0.0
-67.5°	128.4	71.3	35.7	0.0
-70°	107.0	64.2	32.1	0.0
-72.5°	92.7	57.1	28.5	0.0
-75°	78.5	49.9	25.0	0.0
-77.5°	67.8	42.8	21.4	0.0
-80°	53.5	32.1	14.3	0.0
-82.5°	39.2	25.0	10.7	0.0
-85°	25.0	17.8	7.1	0.0
-87.5°	14.3	7.1	3.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)