

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: P722185

Luminaire Tested: **IFLD-L-SA7D-827-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722185
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-827-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

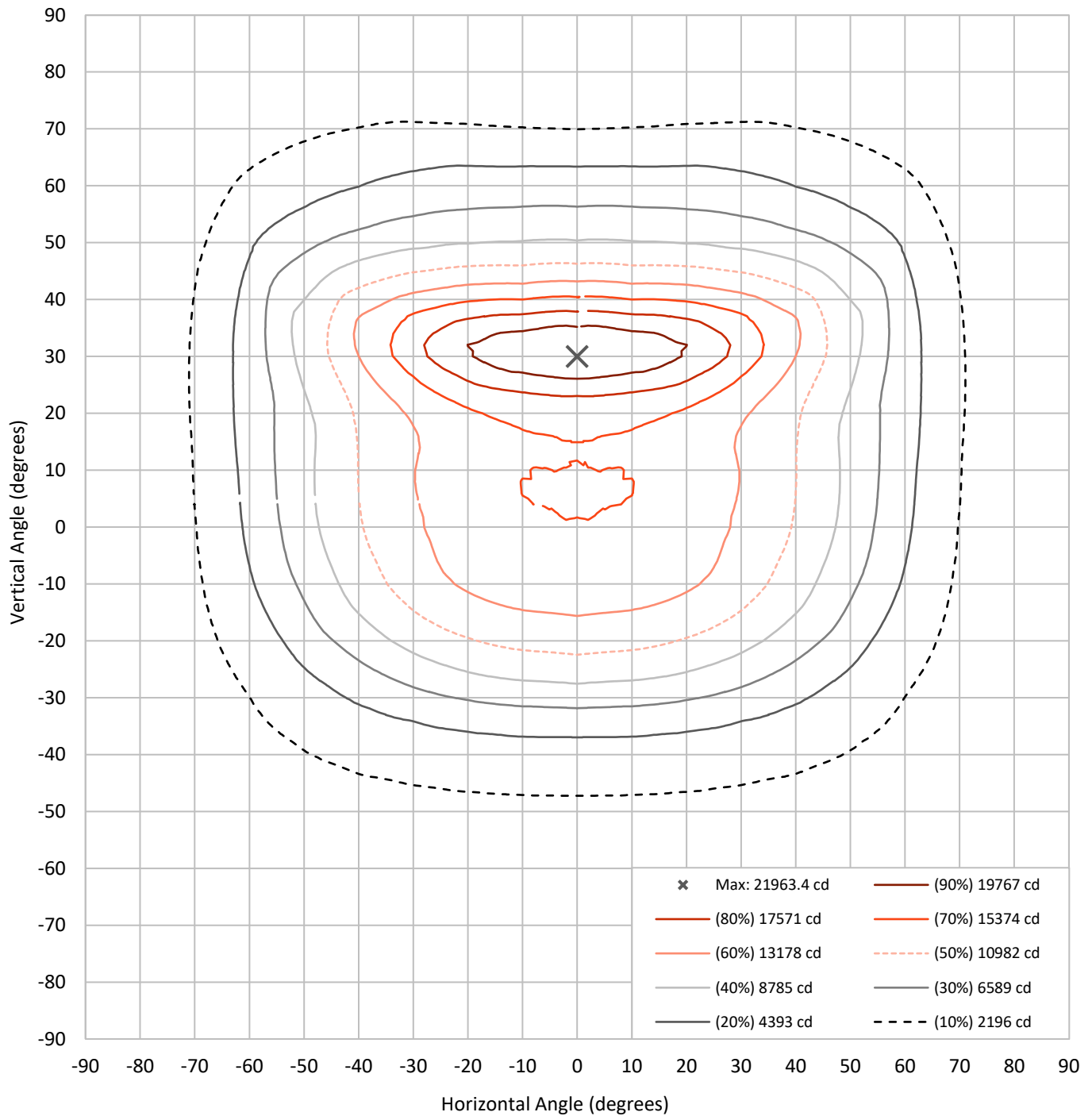
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	36662.5 lumens	Max Intensity:	21963.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	21319.7 lumens	Field Lumens:	34357.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 422.6
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: P722185
CATALOG NUMBER: IFLD-L-SA7D-827-U-76

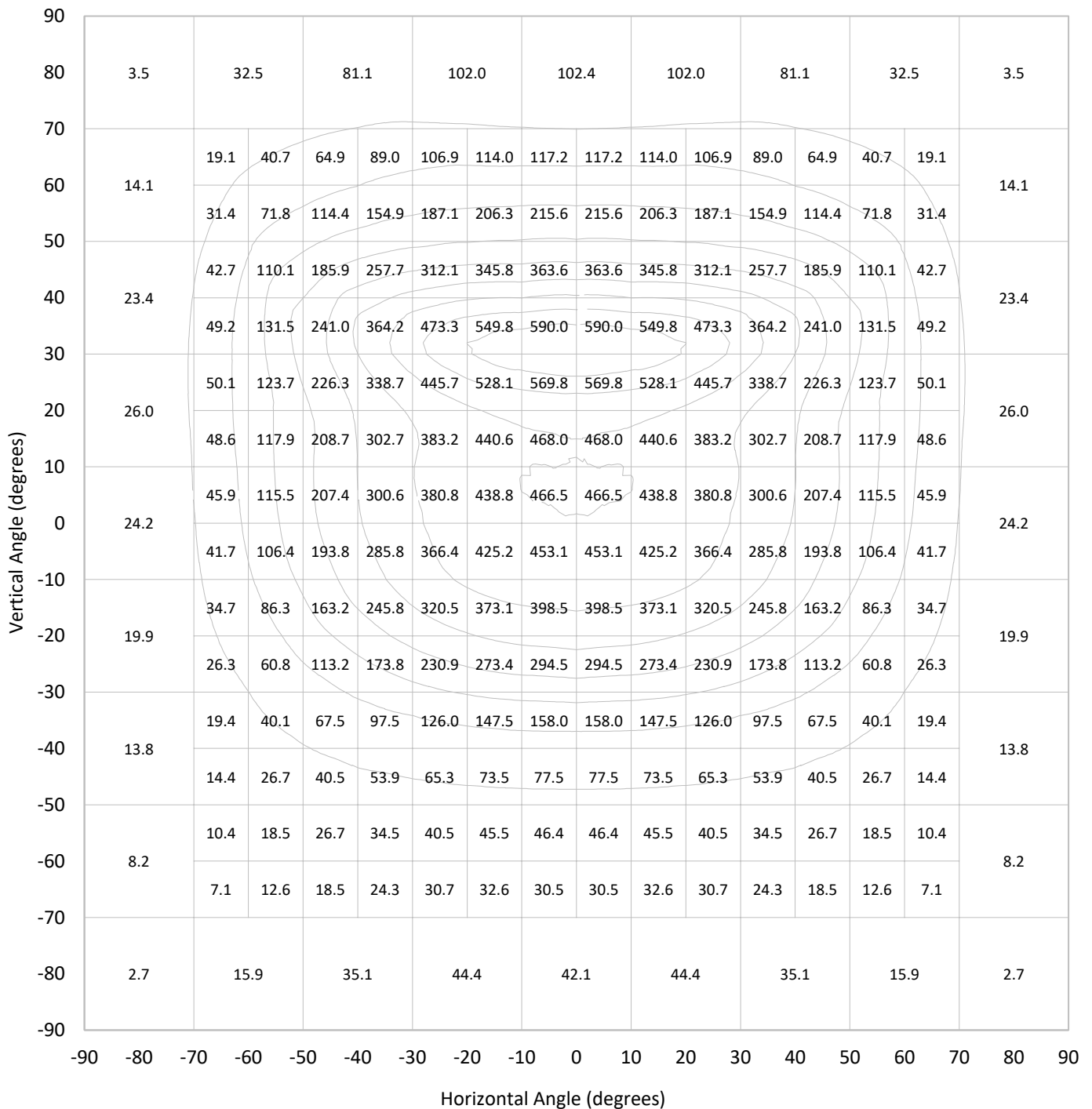
Iso-Candela Plot





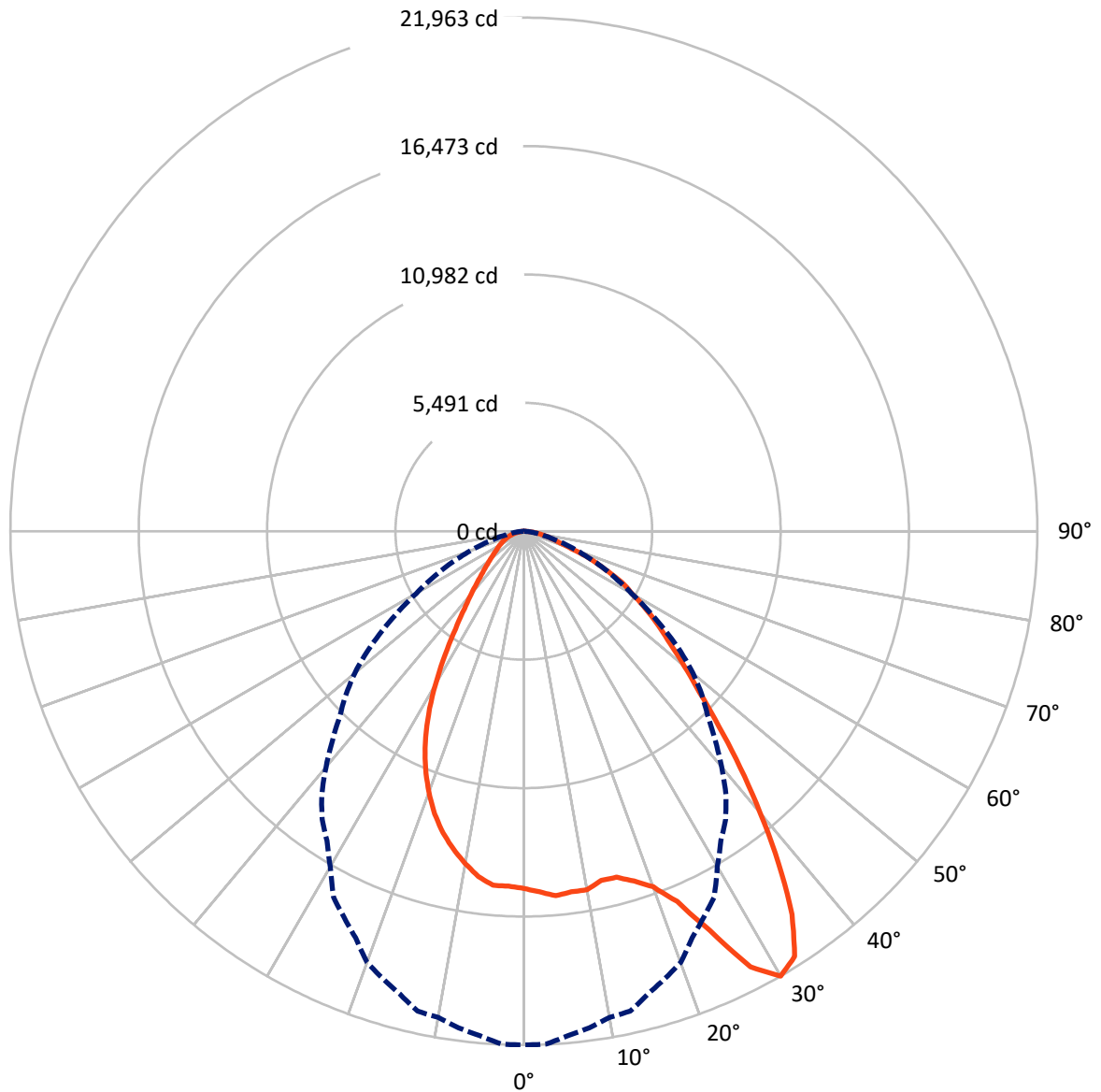
REPORT NUMBER: P722185
 CATALOG NUMBER: IFLD-L-SA7D-827-U-76

Lumen Table



REPORT NUMBER: P722185
CATALOG NUMBER: IFLD-L-SA7D-827-U-76

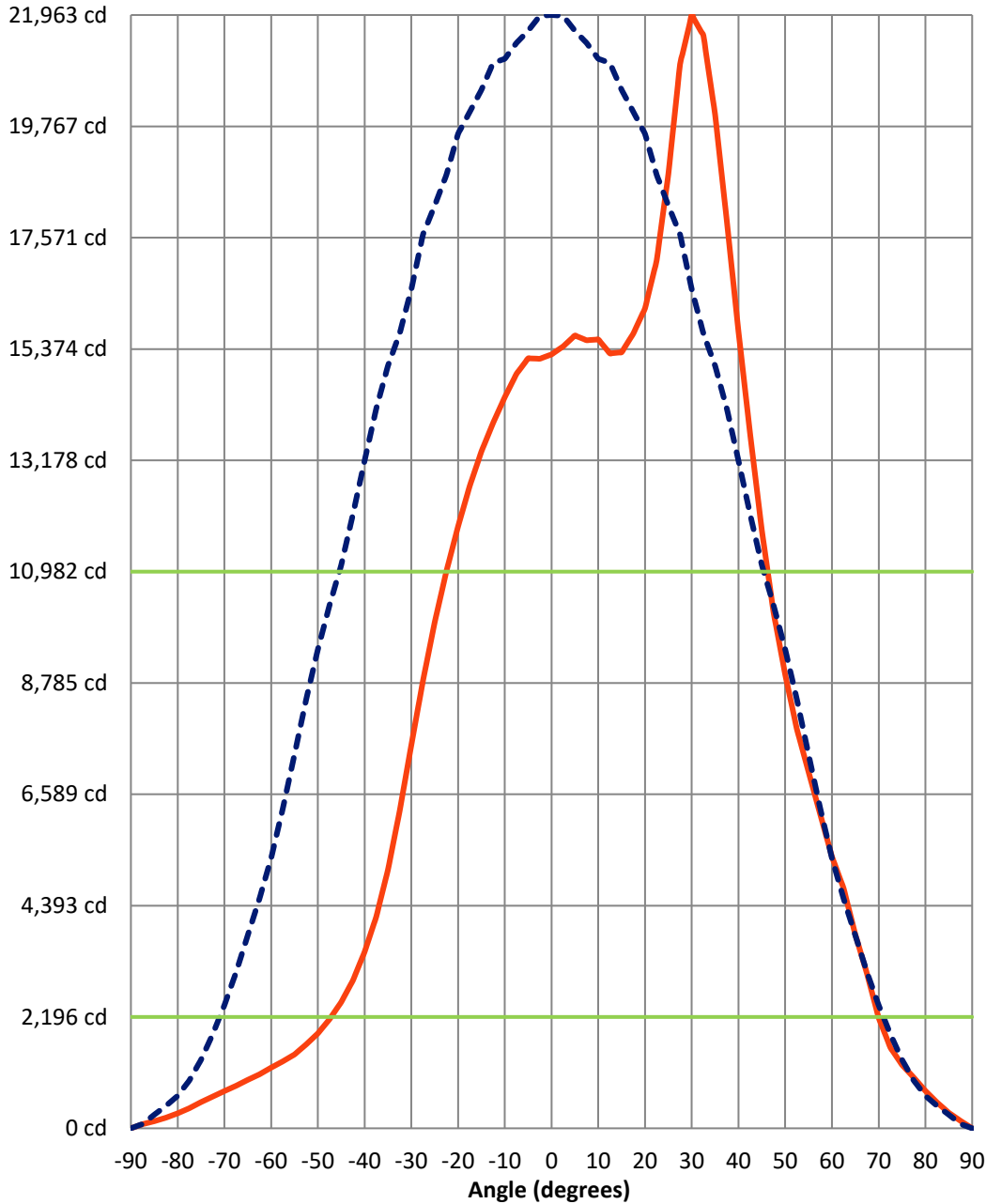
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722185
 CATALOG NUMBER: IFLD-L-SA7D-827-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 21319.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 34357.5
 Efficiency: 93.7%

Spill:
 Lumens: 2305
 Efficiency: 6.3%

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



REPORT NUMBER: P722185
 CATALOG NUMBER: IFLD-L-SA7D-827-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°	147.6	151.5	155.4	155.4	151.5	151.5	151.5	147.6	151.5	151.5	151.5
85°	306.8	314.6	322.4	318.5	314.6	306.8	299.1	302.9	306.8	310.7	310.7
82.5°	508.8	520.4	528.2	524.3	516.6	508.8	501.0	504.9	512.7	516.6	516.6
80°	737.9	741.8	745.7	753.5	741.8	741.8	737.9	753.5	761.2	769.0	776.8
77.5°	1002.0	1005.9	1005.9	1009.8	1013.7	1017.6	1017.6	1044.8	1064.2	1075.8	1087.5
75°	1250.6	1262.3	1273.9	1285.6	1301.1	1308.9	1320.5	1359.4	1390.4	1413.7	1437.0
72.5°	1592.4	1607.9	1627.4	1654.5	1681.7	1701.1	1728.3	1774.9	1809.9	1833.2	1860.4
70°	2178.9	2194.4	2213.8	2233.2	2260.4	2279.8	2307.0	2365.3	2400.2	2415.8	2431.3
67.5°	3048.9	3087.7	3122.7	3083.8	3064.4	3037.2	3045.0	3099.4	3134.3	3157.6	3153.7
65°	3821.8	3848.9	3848.9	3845.1	3829.5	3794.6	3814.0	3880.0	3918.9	3938.3	3880.0
62.5°	4730.6	4730.6	4711.2	4742.2	4746.1	4722.8	4711.2	4715.1	4718.9	4730.6	4633.5
60°	5359.8	5398.6	5410.3	5437.5	5445.2	5445.2	5464.6	5480.2	5480.2	5456.9	5344.2
57.5°	6190.9	6264.7	6280.3	6260.8	6222.0	6171.5	6163.7	6140.4	6093.8	6047.2	5992.9
55°	7029.9	7068.7	7064.8	7053.2	7014.3	6956.1	6963.8	6932.8	6859.0	6800.7	6726.9
52.5°	7872.7	7965.9	7981.4	7958.1	7903.7	7841.6	7845.5	7810.5	7736.7	7674.6	7573.6
50°	8948.5	9026.2	9018.4	8979.6	8901.9	8855.3	8859.2	8793.1	8707.7	8688.3	8556.2
47.5°	10179.7	10269.0	10253.5	10199.1	10094.2	10074.8	10094.2	10008.8	9958.3	9915.6	9760.2
45°	11795.4	11900.3	11842.0	11737.1	11570.1	11589.5	11616.7	11601.2	11492.5	11379.8	11181.7
42.5°	13690.7	13756.8	13686.9	13582.0	13372.3	13411.1	13395.6	13302.3	13236.3	13049.9	12797.4
40°	15718.1	15861.8	15753.1	15590.0	15372.5	15430.7	15388.0	15267.6	15112.2	14879.2	14560.7
37.5°	17904.8	18017.4	17893.1	17702.8	17508.6	17489.2	17403.7	17217.3	16995.9	16739.6	16230.8
35°	19998.2	20289.5	20060.3	19757.4	19520.5	19431.1	19349.6	18918.5	18666.0	18250.4	17555.2
32.5°	21555.6	21769.2	21485.7	21171.1	20883.7	20759.4	20472.0	19959.3	19823.4	18949.5	18312.6
30°	21963.4	21947.9	21652.7	21411.9	21101.2	21015.8	20487.6	20052.6	19617.6	18809.7	18203.8
27.5°	20992.5	20895.4	20611.8	20402.1	20095.3	19994.3	19473.9	19240.8	18568.9	17885.3	17372.7
25°	18829.1	18879.6	18666.0	18561.1	18359.2	18141.7	17935.8	17621.2	17201.8	16603.7	16133.7
22.5°	17124.1	17190.1	17100.8	16976.5	16821.2	16700.8	16545.4	16300.7	15896.8	15527.8	15085.1
20°	16176.4	16157.0	16079.3	15986.1	15838.5	15753.1	15582.2	15376.3	15065.6	14747.2	14269.4
17.5°	15679.3	15558.9	15485.1	15450.1	15372.5	15263.7	15061.8	14852.0	14611.2	14250.0	13900.5
15°	15310.3	15329.7	15271.5	15244.3	15182.2	15030.7	14824.8	14653.9	14327.7	14145.2	13826.7
12.5°	15287.0	15267.6	15271.5	15259.8	15182.2	14988.0	14883.1	14665.6	14455.9	14215.1	13850.0
10°	15562.8	15356.9	15372.5	15426.8	15302.6	15147.2	15034.6	14797.6	14599.6	14292.7	13931.5
7.5°	15547.2	15442.4	15473.4	15384.1	15423.0	15232.6	15077.3	14840.4	14591.8	14265.6	13939.3
5°	15640.5	15481.2	15454.0	15461.8	15364.7	15221.0	15011.3	14786.0	14553.0	14187.9	13853.9
2.5°	15426.8	15450.1	15325.9	15279.3	15267.6	15026.8	14832.6	14615.1	14374.3	14051.9	13752.9
0°	15267.6	15310.3	15182.2	15116.1	15112.2	14906.4	14782.1	14533.5	14362.7	14094.7	13733.5
-2.5°	15182.2	15232.6	15248.2	15127.8	15011.3	14852.0	14642.3	14374.3	14094.7	13784.0	13473.2
-5°	15189.9	15088.9	15046.2	15085.1	14984.1	14824.8	14591.8	14354.9	14079.1	13745.1	13356.7
-7.5°	14883.1	14782.1	14774.3	14754.9	14731.6	14580.2	14386.0	14129.6	13850.0	13539.3	13178.1
-10°	14424.8	14351.0	14331.6	14312.2	14250.0	14160.7	13978.1	13745.1	13492.7	13181.9	12797.4
-12.5°	13916.0	13881.0	13807.3	13756.8	13694.6	13589.8	13415.0	13201.4	12948.9	12673.2	12343.0
-15°	13352.8	13286.8	13213.0	13170.3	13081.0	12956.7	12781.9	12583.8	12308.1	12036.2	11725.5
-17.5°	12673.2	12591.6	12510.0	12498.4	12436.2	12245.9	12082.8	11842.0	11601.2	11341.0	11038.0
-20°	11873.1	11760.4	11706.1	11675.0	11589.5	11449.7	11275.0	11053.6	10820.5	10572.0	10222.4



REPORT NUMBER: P722185
 CATALOG NUMBER: IFLD-L-SA7D-827-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	10987.5	10890.4	10797.2	10739.0	10665.2	10556.4	10389.4	10195.2	9966.1	9686.4	9364.1
-25°	9981.6	9845.7	9787.4	9721.4	9682.6	9581.6	9418.5	9239.8	9002.9	8731.0	8424.2
-27.5°	8832.0	8723.2	8692.2	8598.9	8552.3	8447.5	8311.5	8144.5	7927.0	7670.7	7418.2
-30°	7561.9	7495.9	7445.4	7352.2	7317.3	7204.6	7115.3	6975.5	6777.4	6594.9	6392.9
-32.5°	6257.0	6190.9	6175.4	6132.7	6109.4	6035.6	5934.6	5833.6	5674.4	5538.4	5375.3
-35°	5099.6	5053.0	5056.8	5053.0	5029.6	4975.3	4851.0	4823.8	4707.3	4583.0	4478.1
-37.5°	4175.2	4179.1	4175.2	4171.3	4140.2	4116.9	4027.6	3992.6	3922.7	3802.3	3740.2
-40°	3480.0	3487.7	3483.9	3476.1	3441.1	3429.5	3371.2	3324.6	3297.4	3212.0	3146.0
-42.5°	2916.8	2928.5	2924.6	2920.7	2897.4	2893.5	2862.4	2808.1	2792.5	2742.0	2672.1
-45°	2489.6	2485.7	2477.9	2485.7	2474.0	2462.4	2443.0	2408.0	2388.6	2365.3	2307.0
-47.5°	2151.7	2155.6	2147.8	2147.8	2132.3	2120.6	2112.8	2089.5	2074.0	2054.6	2019.6
-50°	1872.0	1887.6	1883.7	1879.8	1868.2	1860.4	1860.4	1837.1	1813.8	1806.0	1782.7
-52.5°	1654.5	1666.2	1670.1	1677.8	1681.7	1685.6	1674.0	1650.7	1611.8	1607.9	1596.3
-55°	1456.5	1491.4	1514.7	1530.3	1545.8	1557.4	1534.1	1503.1	1464.2	1448.7	1444.8
-57.5°	1320.5	1355.5	1382.7	1406.0	1425.4	1444.8	1421.5	1390.4	1355.5	1336.1	1332.2
-60°	1196.2	1227.3	1254.5	1285.6	1312.8	1343.8	1332.2	1308.9	1289.5	1273.9	1258.4
-62.5°	1064.2	1095.3	1126.3	1165.2	1200.1	1231.2	1235.1	1231.2	1227.3	1231.2	1204.0
-65°	955.4	971.0	990.4	1033.1	1072.0	1106.9	1126.3	1138.0	1157.4	1176.8	1149.6
-67.5°	838.9	858.3	881.6	912.7	943.8	967.1	994.3	1025.3	1056.4	1087.5	1068.1
-70°	734.1	749.6	769.0	784.5	804.0	819.5	842.8	877.8	912.7	943.8	936.0
-72.5°	625.3	640.8	652.5	660.3	671.9	679.7	691.3	722.4	745.7	761.2	761.2
-75°	516.6	532.1	543.7	547.6	555.4	559.3	567.0	578.7	590.4	594.2	598.1
-77.5°	396.2	411.7	423.3	431.1	438.9	446.6	450.5	458.3	462.2	462.2	466.1
-80°	295.2	306.8	314.6	326.2	330.1	337.9	345.7	349.6	353.4	353.4	357.3
-82.5°	209.7	217.5	225.3	233.0	240.8	244.7	252.5	256.3	260.2	264.1	268.0
-85°	139.8	147.6	155.4	163.1	167.0	170.9	174.8	178.7	182.5	186.4	190.3
-87.5°	81.6	85.4	89.3	97.1	101.0	108.7	112.6	108.7	112.6	112.6	112.6
-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: P722185
 CATALOG NUMBER: IFLD-L-SA7D-827-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°	151.5	151.5	151.5	151.5	147.6	139.8	135.9	128.2	120.4	112.6	104.9
85°	314.6	318.5	318.5	318.5	310.7	306.8	295.2	283.5	268.0	244.7	225.3
82.5°	524.3	528.2	528.2	524.3	516.6	504.9	489.4	470.0	438.9	407.8	380.6
80°	788.4	792.3	792.3	788.4	769.0	749.6	730.2	706.9	668.0	625.3	578.7
77.5°	1103.0	1110.8	1110.8	1099.1	1072.0	1048.7	1017.6	978.7	920.5	858.3	796.2
75°	1468.1	1487.5	1491.4	1479.8	1444.8	1402.1	1351.6	1285.6	1196.2	1118.6	1044.8
72.5°	1891.5	1910.9	1926.4	1910.9	1860.4	1802.1	1728.3	1650.7	1561.3	1456.5	1332.2
70°	2446.9	2466.3	2477.9	2427.4	2338.1	2241.0	2151.7	2062.3	1957.5	1829.3	1693.4
67.5°	3146.0	3126.5	3103.2	3002.3	2889.6	2773.1	2648.8	2516.8	2380.8	2244.9	2085.7
65°	3817.9	3763.5	3713.0	3592.6	3448.9	3297.4	3153.7	3006.1	2843.0	2672.1	2520.6
62.5°	4524.7	4408.2	4283.9	4136.4	3988.8	3821.8	3678.1	3503.3	3320.7	3111.0	2916.8
60°	5220.0	5080.1	4955.9	4773.3	4579.1	4353.8	4198.5	4027.6	3814.0	3588.7	3359.6
57.5°	5891.9	5740.4	5604.5	5445.2	5235.5	4990.8	4819.9	4598.5	4373.3	4089.7	3856.7
55°	6606.5	6455.0	6346.3	6167.6	5938.5	5713.2	5526.8	5293.8	4979.2	4676.2	4388.8
52.5°	7426.0	7305.6	7189.1	7006.6	6730.8	6501.6	6295.8	6035.6	5705.4	5332.6	4986.9
50°	8342.6	8280.5	8156.2	7942.6	7628.0	7426.0	7154.1	6808.5	6455.0	6062.8	5631.7
47.5°	9558.3	9457.3	9282.5	9049.5	8785.4	8482.4	8117.3	7713.4	7212.4	6777.4	6319.1
45°	11010.8	10824.4	10599.2	10284.6	9958.3	9616.5	9216.5	8703.8	8031.9	7464.9	6983.2
42.5°	12583.8	12331.4	12024.5	11612.9	11189.5	10770.0	10338.9	9639.8	8800.9	8148.4	7604.7
40°	14226.7	13904.4	13519.8	12921.7	12451.8	11911.9	11418.7	10373.9	9480.6	8773.7	8195.0
37.5°	15834.6	15426.8	14782.1	14055.8	13508.2	13065.4	11981.8	10863.3	10063.2	9286.4	8699.9
35°	17065.8	16720.2	15582.2	14828.7	14358.8	13659.7	12304.2	11158.4	10311.7	9667.0	8754.3
32.5°	17796.0	16902.7	15904.6	15143.3	14754.9	13609.2	12327.5	11243.9	10428.3	9705.9	8614.5
30°	17632.9	16553.2	15679.3	15042.3	14199.5	13170.3	12110.0	11111.8	10319.5	9445.6	8459.1
27.5°	16650.3	15815.2	15034.6	14370.4	13543.1	12618.8	11640.0	10762.3	10024.3	9177.6	8245.5
25°	15539.5	14782.1	14203.4	13624.7	12840.2	11958.5	11096.3	10463.2	9721.4	8886.4	7965.9
22.5°	14518.0	13974.3	13519.8	12914.0	12148.8	11379.8	10843.8	10187.5	9426.2	8579.5	7678.5
20°	13865.5	13496.5	12976.1	12308.1	11706.1	11224.5	10630.2	9935.0	9150.5	8264.9	7433.8
17.5°	13550.9	13123.7	12545.0	12110.0	11647.8	11119.6	10455.5	9717.5	8882.5	8121.2	7461.0
15°	13387.8	12937.3	12556.6	12129.4	11609.0	11053.6	10315.6	9550.5	8882.5	8179.5	7480.4
12.5°	13422.7	13034.4	12618.8	12152.7	11593.4	10999.2	10331.2	9620.4	8929.1	8222.2	7484.3
10°	13531.5	13123.7	12680.9	12164.4	11601.2	11014.7	10373.9	9663.1	8952.4	8241.6	7476.5
7.5°	13570.3	13127.6	12653.7	12133.3	11581.8	11007.0	10381.7	9674.8	8956.3	8237.7	7453.2
5°	13449.9	13049.9	12591.6	12067.3	11527.4	10968.1	10350.6	9659.3	8925.2	8198.9	7394.9
2.5°	13286.8	12964.4	12525.6	12020.7	11473.0	10913.8	10300.1	9589.3	8855.3	8129.0	7321.1
0°	13259.6	12859.6	12416.8	11966.3	11383.7	10793.4	10183.6	9457.3	8727.1	7996.9	7193.0
-2.5°	13081.0	12657.6	12214.9	11725.5	11212.8	10618.6	9977.7	9267.0	8544.6	7826.1	7053.2
-5°	12945.0	12475.1	12005.1	11476.9	10960.4	10366.1	9702.0	9010.6	8303.8	7604.7	6859.0
-7.5°	12762.5	12280.9	11787.6	11236.1	10676.8	10070.9	9414.6	8723.2	8028.0	7332.8	6618.2
-10°	12393.5	11970.2	11508.0	10937.1	10346.7	9740.8	9088.3	8408.6	7713.4	7010.4	6291.9
-12.5°	11946.9	11500.2	10995.3	10471.0	9942.8	9379.6	8727.1	8059.1	7360.0	6653.1	5938.5
-15°	11368.2	10929.3	10412.7	9900.1	9391.3	8851.4	8276.6	7674.6	6963.8	6268.6	5554.0
-17.5°	10645.8	10234.1	9771.9	9282.5	8777.6	8233.9	7674.6	7165.8	6501.6	5849.1	5142.3
-20°	9869.0	9484.5	9068.9	8606.7	8101.8	7569.7	7041.5	6509.4	5934.6	5359.8	4703.4



REPORT NUMBER: P722185
 CATALOG NUMBER: IFLD-L-SA7D-827-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9061.1	8672.7	8253.3	7822.2	7356.1	6862.8	6373.5	5864.7	5359.8	4839.3	4283.9
-25°	8129.0	7787.2	7402.7	6983.2	6567.7	6136.6	5670.5	5208.3	4777.2	4326.7	3872.2
-27.5°	7154.1	6839.5	6490.0	6124.9	5767.6	5406.4	5002.5	4575.2	4217.9	3845.1	3468.3
-30°	6128.8	5876.3	5592.8	5274.3	4998.6	4707.3	4369.4	4015.9	3689.7	3406.2	3103.2
-32.5°	5157.8	4944.2	4742.2	4532.5	4260.6	4035.4	3802.3	3542.1	3254.7	2986.7	2769.2
-35°	4322.8	4093.6	4008.2	3852.8	3658.6	3460.6	3289.7	3103.2	2885.7	2648.8	2470.2
-37.5°	3619.8	3483.9	3363.5	3278.0	3149.8	2990.6	2854.7	2718.7	2551.7	2373.1	2194.4
-40°	3072.2	2978.9	2846.9	2804.2	2722.6	2613.9	2474.0	2369.2	2256.5	2120.6	1969.1
-42.5°	2633.3	2563.4	2477.9	2404.1	2369.2	2291.5	2182.8	2081.8	1992.4	1899.2	1782.7
-45°	2272.1	2225.5	2171.1	2105.1	2077.9	2015.7	1938.1	1825.4	1774.9	1697.3	1611.8
-47.5°	1980.8	1957.5	1918.6	1875.9	1837.1	1790.5	1720.6	1650.7	1580.7	1530.3	1464.2
-50°	1751.6	1736.1	1712.8	1677.8	1627.4	1596.3	1549.7	1487.5	1421.5	1378.8	1332.2
-52.5°	1569.1	1553.6	1538.0	1510.8	1472.0	1440.9	1402.1	1351.6	1297.2	1254.5	1215.7
-55°	1429.3	1406.0	1394.3	1371.0	1339.9	1305.0	1270.0	1235.1	1188.5	1149.6	1110.8
-57.5°	1320.5	1289.5	1273.9	1254.5	1223.4	1188.5	1161.3	1126.3	1095.3	1052.5	1017.6
-60°	1235.1	1200.1	1169.1	1149.6	1122.4	1087.5	1060.3	1033.1	1002.0	967.1	924.4
-62.5°	1165.2	1122.4	1079.7	1056.4	1029.2	998.2	971.0	943.8	912.7	877.8	838.9
-65°	1099.1	1048.7	994.3	971.0	943.8	912.7	877.8	858.3	831.2	800.1	761.2
-67.5°	1017.6	963.2	916.6	889.4	862.2	835.0	804.0	784.5	757.4	718.5	679.7
-70°	897.2	862.2	831.2	807.9	784.5	761.2	730.2	699.1	668.0	633.1	598.1
-72.5°	745.7	734.1	730.2	718.5	691.3	664.1	633.1	602.0	574.8	547.6	520.4
-75°	602.0	609.8	617.5	613.7	586.5	559.3	532.1	504.9	485.5	462.2	438.9
-77.5°	477.7	485.5	493.3	493.3	473.8	458.3	438.9	419.5	403.9	384.5	361.2
-80°	369.0	380.6	392.3	400.0	384.5	372.9	357.3	341.8	326.2	310.7	295.2
-82.5°	279.6	291.3	302.9	310.7	299.1	291.3	279.6	268.0	256.3	240.8	229.1
-85°	202.0	209.7	217.5	221.4	213.6	205.8	198.1	190.3	182.5	170.9	163.1
-87.5°	116.5	120.4	124.3	128.2	120.4	112.6	108.7	101.0	97.1	89.3	85.4
-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: P722185
 CATALOG NUMBER: IFLD-L-SA7D-827-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°	97.1	89.3	81.6	77.7	69.9	58.3	50.5	42.7	35.0	27.2	23.3
85°	205.8	186.4	163.1	151.5	135.9	120.4	104.9	89.3	73.8	58.3	42.7
82.5°	353.4	330.1	306.8	279.6	244.7	202.0	159.2	132.1	108.7	85.4	66.0
80°	532.1	489.4	450.5	415.6	376.7	322.4	264.1	209.7	147.6	112.6	85.4
77.5°	737.9	687.4	633.1	574.8	512.7	438.9	372.9	302.9	229.1	155.4	108.7
75°	971.0	904.9	831.2	749.6	668.0	570.9	477.7	396.2	310.7	217.5	132.1
72.5°	1231.2	1149.6	1060.3	951.6	823.4	710.8	598.1	489.4	388.4	275.8	178.7
70°	1565.2	1437.0	1305.0	1188.5	1025.3	846.7	714.6	590.4	462.2	337.9	225.3
67.5°	1922.5	1767.2	1607.9	1437.0	1231.2	1021.5	831.2	691.3	539.9	396.2	268.0
65°	2310.9	2116.7	1914.8	1724.5	1440.9	1192.4	978.7	788.4	613.7	450.5	310.7
62.5°	2711.0	2481.8	2248.8	2000.2	1674.0	1367.1	1118.6	897.2	683.6	501.0	349.6
60°	3138.2	2870.2	2586.7	2276.0	1895.3	1557.4	1250.6	1009.8	757.4	551.5	392.3
57.5°	3588.7	3297.4	2963.4	2544.0	2124.5	1740.0	1402.1	1110.8	823.4	598.1	423.3
55°	4078.1	3744.1	3379.0	2823.6	2349.8	1922.5	1553.6	1211.8	893.3	637.0	454.4
52.5°	4606.3	4217.9	3755.7	3118.8	2586.7	2109.0	1693.4	1301.1	959.3	679.7	481.6
50°	5196.7	4707.3	4085.9	3390.6	2792.5	2283.7	1833.2	1398.2	1013.7	726.3	504.9
47.5°	5810.3	5282.1	4381.0	3643.1	3002.3	2454.6	1976.9	1483.6	1068.1	765.1	528.2
45°	6451.2	5682.1	4687.9	3868.4	3184.8	2610.0	2085.7	1561.3	1134.1	800.1	547.6
42.5°	7084.2	5985.1	4955.9	4093.6	3355.7	2749.8	2175.0	1635.1	1188.5	835.0	567.0
40°	7383.3	6214.2	5169.5	4249.0	3499.4	2874.1	2252.7	1701.1	1235.1	858.3	586.5
37.5°	7507.6	6354.1	5309.3	4396.6	3612.0	2940.1	2318.7	1759.4	1273.9	881.6	602.0
35°	7534.8	6404.5	5379.2	4497.6	3705.2	3002.3	2369.2	1802.1	1305.0	904.9	617.5
32.5°	7484.3	6389.0	5398.6	4532.5	3763.5	3048.9	2404.1	1833.2	1328.3	928.3	633.1
30°	7371.6	6307.4	5328.7	4528.6	3806.2	3076.0	2427.4	1856.5	1351.6	943.8	640.8
27.5°	7189.1	6163.7	5239.4	4532.5	3829.5	3087.7	2439.1	1868.2	1367.1	955.4	656.4
25°	6963.8	5969.6	5243.3	4524.7	3833.4	3091.6	2439.1	1868.2	1371.0	959.3	668.0
22.5°	6703.6	5969.6	5243.3	4513.1	3810.1	3083.8	2427.4	1860.4	1371.0	967.1	679.7
20°	6719.1	5973.4	5231.6	4489.8	3775.1	3060.5	2400.2	1841.0	1359.4	978.7	687.4
17.5°	6730.8	5965.7	5208.3	4458.7	3728.5	3021.7	2365.3	1813.8	1359.4	990.4	691.3
15°	6730.8	5942.4	5173.4	4412.1	3670.3	2967.3	2314.8	1790.5	1363.2	994.3	699.1
12.5°	6719.1	5899.6	5119.0	4350.0	3600.4	2901.3	2283.7	1782.7	1363.2	998.2	699.1
10°	6695.8	5841.4	5049.1	4272.3	3534.3	2878.0	2268.2	1767.2	1355.5	998.2	699.1
7.5°	6653.1	5771.5	4990.8	4225.7	3495.5	2850.8	2244.9	1743.9	1343.8	990.4	706.9
5°	6587.1	5732.6	4944.2	4171.3	3441.1	2831.4	2229.4	1724.5	1336.1	990.4	699.1
2.5°	6501.6	5686.0	4889.8	4101.4	3379.0	2765.3	2178.9	1681.7	1308.9	974.9	691.3
0°	6361.8	5592.8	4796.6	4004.3	3293.5	2699.3	2128.4	1639.0	1281.7	959.3	683.6
-2.5°	6233.7	5468.5	4676.2	3903.3	3212.0	2641.1	2089.5	1615.7	1270.0	955.4	679.7
-5°	6055.0	5297.6	4517.0	3771.3	3103.2	2582.8	2050.7	1588.5	1258.4	947.7	679.7
-7.5°	5856.9	5119.0	4350.0	3635.3	2994.5	2481.8	1976.9	1545.8	1231.2	932.1	675.8
-10°	5550.1	4851.0	4140.2	3480.0	2878.0	2392.5	1914.8	1507.0	1207.9	916.6	660.3
-12.5°	5223.8	4555.8	3899.4	3289.7	2745.9	2299.3	1844.9	1464.2	1180.7	901.1	652.5
-15°	4878.2	4252.9	3647.0	3091.6	2602.2	2186.6	1771.1	1417.6	1153.5	881.6	640.8
-17.5°	4517.0	3934.4	3386.8	2889.6	2458.5	2070.1	1693.4	1374.9	1122.4	862.2	629.2
-20°	4136.4	3608.1	3122.7	2683.8	2307.0	1953.6	1611.8	1324.4	1087.5	838.9	613.7



REPORT NUMBER: P722185
 CATALOG NUMBER: IFLD-L-SA7D-827-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3759.6	3285.8	2850.8	2481.8	2151.7	1833.2	1530.3	1273.9	1048.7	811.7	602.0
-25°	3425.6	2982.8	2610.0	2287.6	2000.2	1716.7	1444.8	1223.4	1005.9	784.5	586.5
-27.5°	3099.4	2722.6	2373.1	2105.1	1852.6	1604.0	1363.2	1169.1	963.2	753.5	570.9
-30°	2796.4	2474.0	2186.6	1926.4	1712.8	1503.1	1293.3	1114.7	916.6	722.4	551.5
-32.5°	2520.6	2260.4	2019.6	1771.1	1580.7	1402.1	1227.3	1060.3	870.0	691.3	532.1
-35°	2264.3	2062.3	1852.6	1642.9	1448.7	1308.9	1157.4	1002.0	827.3	656.4	512.7
-37.5°	2035.2	1872.0	1705.0	1526.4	1359.4	1219.5	1091.4	943.8	784.5	625.3	493.3
-40°	1837.1	1705.0	1557.4	1413.7	1273.9	1141.9	1025.3	885.5	741.8	602.0	473.8
-42.5°	1654.5	1553.6	1433.2	1312.8	1188.5	1072.0	959.3	823.4	699.1	574.8	454.4
-45°	1514.7	1413.7	1316.6	1207.9	1103.0	1002.0	889.4	769.0	660.3	543.7	435.0
-47.5°	1382.7	1293.3	1204.0	1114.7	1029.2	936.0	823.4	722.4	617.5	516.6	419.5
-50°	1266.2	1180.7	1103.0	1025.3	951.6	862.2	757.4	675.8	582.6	489.4	400.0
-52.5°	1157.4	1083.6	1005.9	943.8	881.6	792.3	706.9	629.2	547.6	458.3	380.6
-55°	1060.3	990.4	920.5	862.2	804.0	726.3	656.4	590.4	512.7	435.0	361.2
-57.5°	967.1	908.8	842.8	788.4	730.2	668.0	609.8	547.6	477.7	411.7	341.8
-60°	881.6	827.3	769.0	714.6	664.1	613.7	559.3	508.8	446.6	384.5	322.4
-62.5°	796.2	749.6	699.1	644.7	605.9	559.3	516.6	466.1	415.6	361.2	287.4
-65°	718.5	675.8	629.2	582.6	547.6	512.7	473.8	427.2	384.5	334.0	256.3
-67.5°	640.8	602.0	563.2	524.3	493.3	466.1	427.2	392.3	357.3	302.9	225.3
-70°	567.0	536.0	501.0	470.0	446.6	415.6	388.4	357.3	326.2	264.1	190.3
-72.5°	497.1	466.1	438.9	415.6	396.2	369.0	345.7	322.4	279.6	221.4	159.2
-75°	415.6	396.2	380.6	361.2	341.8	322.4	302.9	275.8	233.0	178.7	124.3
-77.5°	341.8	330.1	318.5	302.9	287.4	271.9	248.6	221.4	186.4	139.8	101.0
-80°	279.6	268.0	260.2	244.7	233.0	217.5	194.2	170.9	135.9	108.7	81.6
-82.5°	213.6	205.8	198.1	190.3	178.7	163.1	139.8	120.4	101.0	81.6	62.1
-85°	151.5	147.6	139.8	132.1	120.4	108.7	93.2	81.6	69.9	54.4	42.7
-87.5°	77.7	73.8	69.9	66.0	62.1	54.4	46.6	38.8	35.0	27.2	19.4
-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: P722185
 CATALOG NUMBER: IFLD-L-SA7D-827-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	15.5	11.7	3.9	0.0
85°	31.1	19.4	7.8	0.0
82.5°	46.6	31.1	11.7	0.0
80°	62.1	38.8	19.4	0.0
77.5°	77.7	46.6	23.3	0.0
75°	93.2	58.3	27.2	0.0
72.5°	104.9	66.0	31.1	0.0
70°	124.3	77.7	35.0	0.0
67.5°	155.4	85.4	38.8	0.0
65°	182.5	93.2	42.7	0.0
62.5°	213.6	101.0	46.6	0.0
60°	240.8	108.7	50.5	0.0
57.5°	268.0	128.2	54.4	0.0
55°	291.3	143.7	58.3	0.0
52.5°	318.5	159.2	62.1	0.0
50°	341.8	174.8	66.0	0.0
47.5°	361.2	190.3	66.0	0.0
45°	376.7	202.0	69.9	0.0
42.5°	388.4	213.6	73.8	0.0
40°	400.0	225.3	77.7	0.0
37.5°	411.7	236.9	77.7	0.0
35°	423.3	248.6	81.6	0.0
32.5°	435.0	260.2	81.6	0.0
30°	442.8	268.0	85.4	0.0
27.5°	454.4	275.8	85.4	0.0
25°	458.3	283.5	89.3	0.0
22.5°	466.1	287.4	89.3	0.0
20°	473.8	295.2	89.3	0.0
17.5°	477.7	299.1	93.2	0.0
15°	477.7	302.9	97.1	0.0
12.5°	481.6	306.8	97.1	0.0
10°	481.6	314.6	93.2	0.0
7.5°	489.4	310.7	93.2	0.0
5°	485.5	310.7	93.2	0.0
2.5°	481.6	306.8	93.2	0.0
0°	477.7	306.8	93.2	0.0
-2.5°	477.7	306.8	93.2	0.0
-5°	477.7	306.8	93.2	0.0
-7.5°	473.8	310.7	93.2	0.0
-10°	466.1	310.7	93.2	0.0
-12.5°	462.2	299.1	93.2	0.0
-15°	458.3	295.2	93.2	0.0
-17.5°	450.5	291.3	89.3	0.0
-20°	442.8	287.4	89.3	0.0



REPORT NUMBER: P722185
 CATALOG NUMBER: IFLD-L-SA7D-827-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	435.0	279.6	89.3	0.0
-25°	427.2	271.9	85.4	0.0
-27.5°	419.5	264.1	85.4	0.0
-30°	407.8	256.3	81.6	0.0
-32.5°	396.2	248.6	81.6	0.0
-35°	388.4	236.9	77.7	0.0
-37.5°	376.7	225.3	77.7	0.0
-40°	365.1	213.6	73.8	0.0
-42.5°	353.4	202.0	69.9	0.0
-45°	337.9	190.3	69.9	0.0
-47.5°	326.2	178.7	66.0	0.0
-50°	306.8	163.1	62.1	0.0
-52.5°	283.5	147.6	58.3	0.0
-55°	260.2	135.9	54.4	0.0
-57.5°	236.9	120.4	54.4	0.0
-60°	213.6	104.9	50.5	0.0
-62.5°	190.3	97.1	46.6	0.0
-65°	167.0	89.3	42.7	0.0
-67.5°	139.8	77.7	38.8	0.0
-70°	116.5	69.9	35.0	0.0
-72.5°	101.0	62.1	31.1	0.0
-75°	85.4	54.4	27.2	0.0
-77.5°	73.8	46.6	23.3	0.0
-80°	58.3	35.0	15.5	0.0
-82.5°	42.7	27.2	11.7	0.0
-85°	27.2	19.4	7.8	0.0
-87.5°	15.5	7.8	3.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)