

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: P722040

Luminaire Tested: **IFLD-L-SA7D-730-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722040
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-730-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

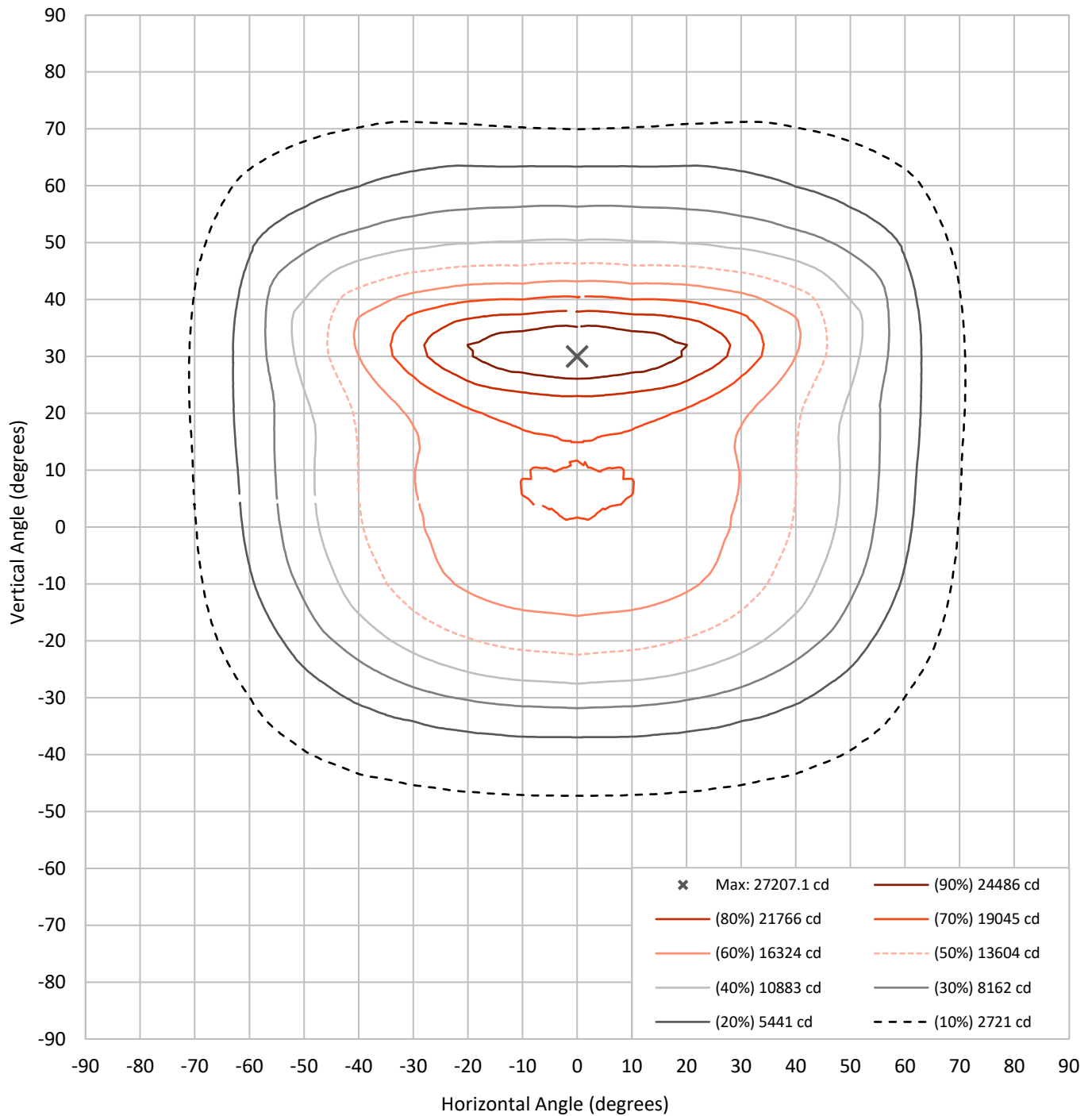
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 45415.4 lumens	Max Intensity: 27207.1 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 107.5 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 26409.6 lumens	Field Lumens: 42560.1 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



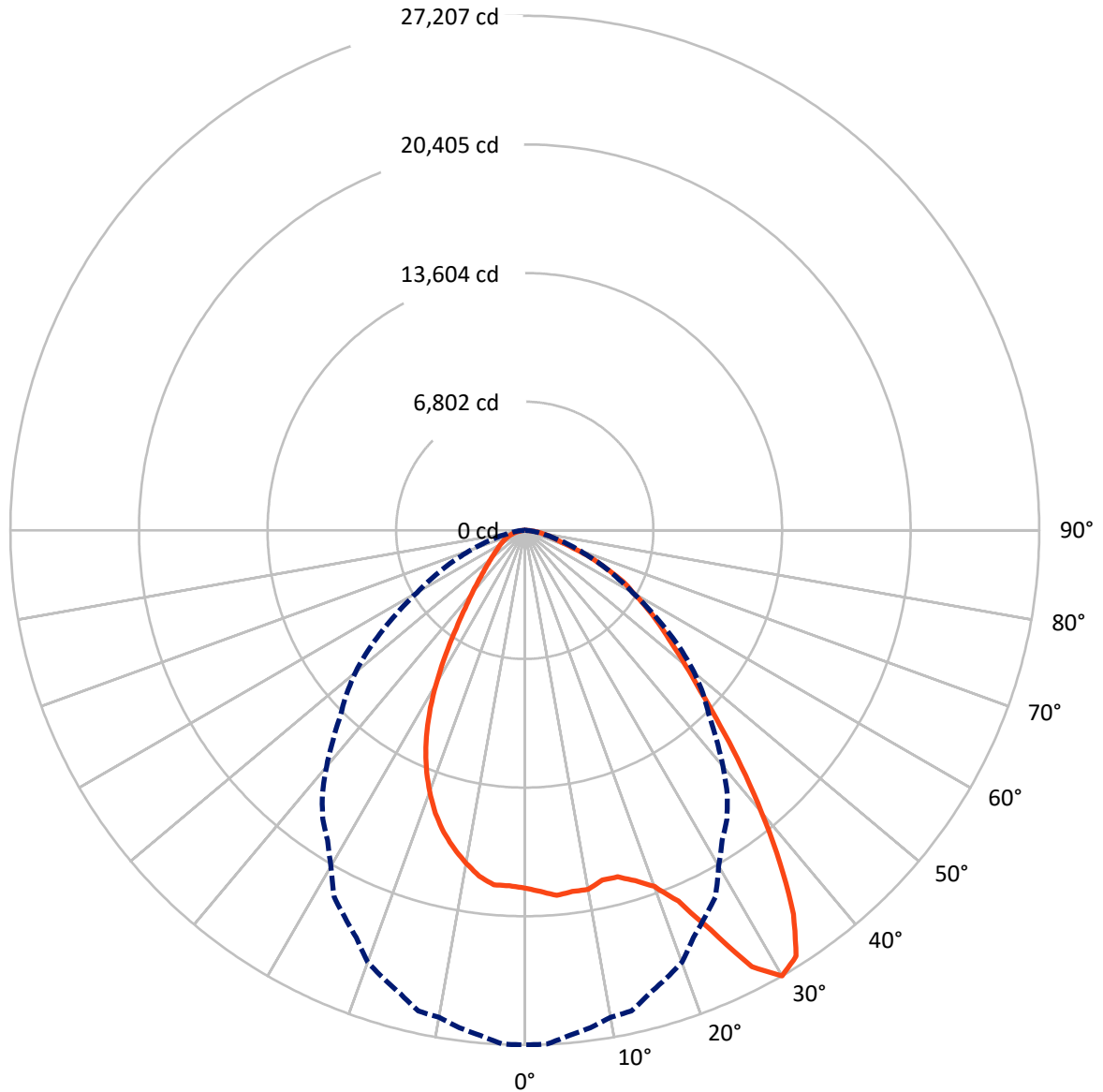
REPORT NUMBER: P722040
CATALOG NUMBER: IFLD-L-SA7D-730-U-76

Iso-Candela Plot



REPORT NUMBER: P722040
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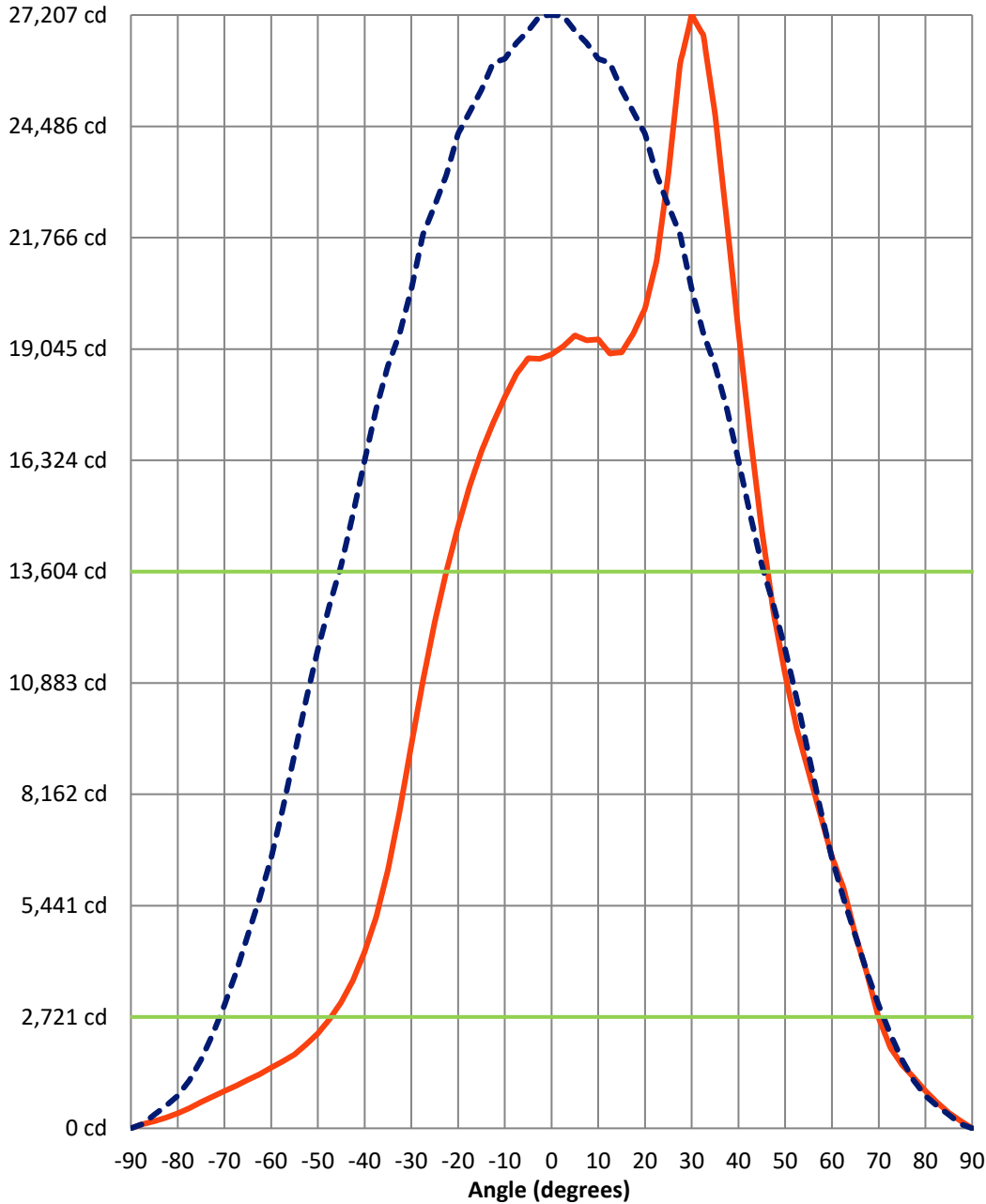
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722040
 CATALOG NUMBER: IFLD-L-SA7D-730-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 26409.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 42560.1
 Efficiency: 93.7%

Spill:
 Lumens: 2855.3
 Efficiency: 6.3%

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



REPORT NUMBER: P722040
 CATALOG NUMBER: IFLD-L-SA7D-730-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°	182.8	187.6	192.4	192.4	187.6	187.6	187.6	182.8	187.6	187.6	187.6
85°	380.1	389.7	399.3	394.5	389.7	380.1	370.5	375.3	380.1	384.9	384.9
82.5°	630.3	644.7	654.3	649.5	639.9	630.3	620.6	625.4	635.1	639.9	639.9
80°	914.1	918.9	923.7	933.4	918.9	918.9	914.1	933.4	943.0	952.6	962.2
77.5°	1241.3	1246.1	1246.1	1250.9	1255.7	1260.5	1260.5	1294.2	1318.3	1332.7	1347.1
75°	1549.2	1563.6	1578.1	1592.5	1611.7	1621.4	1635.8	1683.9	1722.4	1751.3	1780.1
72.5°	1972.6	1991.8	2015.9	2049.6	2083.2	2107.3	2141.0	2198.7	2242.0	2270.9	2304.5
70°	2699.1	2718.3	2742.4	2766.4	2800.1	2824.1	2857.8	2930.0	2973.3	2992.5	3011.8
67.5°	3776.8	3824.9	3868.2	3820.1	3796.0	3762.3	3771.9	3839.3	3882.6	3911.5	3906.7
65°	4734.2	4767.9	4767.9	4763.0	4743.8	4700.5	4724.5	4806.3	4854.5	4878.5	4806.3
62.5°	5860.0	5860.0	5835.9	5874.4	5879.2	5850.4	5835.9	5840.7	5845.5	5860.0	5739.7
60°	6639.4	6687.5	6701.9	6735.6	6745.2	6745.2	6769.3	6788.5	6788.5	6759.7	6620.1
57.5°	7669.0	7760.4	7779.6	7755.6	7707.5	7644.9	7635.3	7606.4	7548.7	7491.0	7423.6
55°	8708.2	8756.3	8751.5	8737.0	8688.9	8616.8	8626.4	8587.9	8496.5	8424.3	8332.9
52.5°	9752.2	9867.7	9886.9	9858.0	9790.7	9713.7	9718.5	9675.2	9583.8	9506.8	9381.7
50°	11084.9	11181.1	11171.5	11123.4	11027.2	10969.4	10974.2	10892.4	10786.6	10762.5	10599.0
47.5°	12610.0	12720.7	12701.4	12634.1	12504.2	12480.1	12504.2	12398.3	12335.8	12282.9	12090.4
45°	14611.5	14741.4	14669.2	14539.3	14332.4	14356.5	14390.2	14370.9	14236.2	14096.7	13851.3
42.5°	16959.3	17041.1	16954.5	16824.6	16564.8	16612.9	16593.7	16478.2	16396.4	16165.5	15852.7
40°	19470.7	19648.7	19514.0	19312.0	19042.5	19114.7	19061.8	18912.6	18720.2	18431.5	18037.0
37.5°	22179.4	22318.9	22165.0	21929.2	21688.7	21664.6	21558.8	21327.8	21053.6	20736.1	20105.8
35°	24772.6	25133.5	24849.6	24474.3	24180.8	24070.2	23969.2	23435.1	23122.4	22607.6	21746.4
32.5°	26701.9	26966.5	26615.3	26225.6	25869.6	25715.6	25359.6	24724.5	24556.1	23473.6	22684.6
30°	27207.1	27187.8	26822.2	26523.9	26139.0	26033.1	25378.8	24840.0	24301.1	23300.4	22549.9
27.5°	26004.3	25884.0	25532.8	25273.0	24892.9	24767.8	24123.1	23834.4	23002.1	22155.3	21520.3
25°	23324.5	23387.0	23122.4	22992.5	22742.3	22472.9	22217.9	21828.2	21308.6	20567.7	19985.5
22.5°	21212.4	21294.2	21183.5	21029.5	20837.1	20687.9	20495.5	20192.4	19692.0	19235.0	18686.5
20°	20038.4	20014.4	19918.2	19802.7	19619.9	19514.0	19302.3	19047.3	18662.5	18267.9	17676.2
17.5°	19422.6	19273.5	19182.1	19138.8	19042.5	18907.8	18657.6	18397.8	18099.5	17652.1	17219.1
15°	18965.6	18989.6	18917.4	18883.8	18806.8	18619.2	18364.2	18152.5	17748.3	17522.2	17127.7
12.5°	18936.7	18912.6	18917.4	18903.0	18806.8	18566.2	18436.3	18166.9	17907.1	17608.8	17156.6
10°	19278.3	19023.3	19042.5	19109.9	18955.9	18763.5	18624.0	18330.5	18085.1	17705.0	17257.6
7.5°	19259.0	19129.1	19167.6	19057.0	19105.1	18869.3	18676.9	18383.4	18075.5	17671.4	17267.2
5°	19374.5	19177.2	19143.6	19153.2	19032.9	18854.9	18595.1	18316.1	18027.4	17575.1	17161.4
2.5°	19109.9	19138.8	18984.8	18927.1	18912.6	18614.3	18373.8	18104.4	17806.1	17406.7	17036.3
0°	18912.6	18965.6	18806.8	18725.0	18720.2	18465.2	18311.2	18003.3	17791.6	17459.7	17012.2
-2.5°	18806.8	18869.3	18888.6	18739.4	18595.1	18397.8	18138.0	17806.1	17459.7	17074.8	16689.9
-5°	18816.4	18691.3	18638.4	18686.5	18561.4	18364.2	18075.5	17782.0	17440.4	17026.7	16545.5
-7.5°	18436.3	18311.2	18301.6	18277.6	18248.7	18061.1	17820.5	17503.0	17156.6	16771.7	16324.2
-10°	17868.6	17777.2	17753.1	17729.1	17652.1	17541.5	17315.3	17026.7	16713.9	16329.0	15852.7
-12.5°	17238.4	17195.1	17103.6	17041.1	16964.1	16834.2	16617.7	16353.1	16040.4	15698.8	15289.8
-15°	16540.7	16458.9	16367.5	16314.6	16204.0	16050.0	15833.5	15588.1	15246.5	14909.8	14524.9
-17.5°	15698.8	15597.8	15496.7	15482.3	15405.3	15169.6	14967.5	14669.2	14370.9	14048.6	13673.3
-20°	14707.7	14568.2	14500.8	14462.3	14356.5	14183.3	13966.8	13692.5	13403.9	13096.0	12662.9



REPORT NUMBER: P722040
 CATALOG NUMBER: IFLD-L-SA7D-730-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	13610.7	13490.5	13375.0	13302.8	13211.4	13076.7	12869.8	12629.3	12345.4	11999.0	11599.7
-25°	12364.7	12196.3	12124.1	12042.3	11994.2	11869.1	11667.0	11445.7	11152.2	10815.5	10435.4
-27.5°	10940.6	10805.8	10767.4	10651.9	10594.2	10464.3	10295.9	10089.0	9819.6	9502.0	9189.3
-30°	9367.3	9285.5	9223.0	9107.5	9064.2	8924.7	8814.0	8640.8	8395.5	8169.3	7919.2
-32.5°	7750.8	7669.0	7649.7	7596.8	7567.9	7476.5	7351.4	7226.3	7029.1	6860.7	6658.6
-35°	6317.0	6259.3	6264.1	6259.3	6230.4	6163.1	6009.1	5975.4	5831.1	5677.2	5547.3
-37.5°	5172.0	5176.8	5172.0	5167.2	5128.7	5099.8	4989.2	4945.9	4859.3	4710.1	4633.1
-40°	4310.8	4320.4	4315.6	4306.0	4262.7	4248.2	4176.1	4118.3	4084.7	3978.8	3897.0
-42.5°	3613.2	3627.6	3622.8	3618.0	3589.1	3584.3	3545.8	3478.5	3459.2	3396.7	3310.1
-45°	3083.9	3079.1	3069.5	3079.1	3064.7	3050.3	3026.2	2982.9	2958.9	2930.0	2857.8
-47.5°	2665.4	2670.2	2660.6	2660.6	2641.3	2626.9	2617.3	2588.4	2569.2	2545.1	2501.8
-50°	2319.0	2338.2	2333.4	2328.6	2314.2	2304.5	2304.5	2275.7	2246.8	2237.2	2208.3
-52.5°	2049.6	2064.0	2068.8	2078.4	2083.2	2088.0	2073.6	2044.7	1996.6	1991.8	1977.4
-55°	1804.2	1847.5	1876.3	1895.6	1914.8	1929.3	1900.4	1861.9	1813.8	1794.6	1789.7
-57.5°	1635.8	1679.1	1712.8	1741.6	1765.7	1789.7	1760.9	1722.4	1679.1	1655.0	1650.2
-60°	1481.8	1520.3	1554.0	1592.5	1626.2	1664.7	1650.2	1621.4	1597.3	1578.1	1558.8
-62.5°	1318.3	1356.7	1395.2	1443.3	1486.6	1525.1	1529.9	1525.1	1520.3	1525.1	1491.5
-65°	1183.5	1202.8	1226.8	1279.8	1327.9	1371.2	1395.2	1409.7	1433.7	1457.8	1424.1
-67.5°	1039.2	1063.3	1092.1	1130.6	1169.1	1198.0	1231.7	1270.1	1308.6	1347.1	1323.1
-70°	909.3	928.6	952.6	971.9	995.9	1015.2	1044.0	1087.3	1130.6	1169.1	1159.5
-72.5°	774.6	793.8	808.3	817.9	832.3	842.0	856.4	894.9	923.7	943.0	943.0
-75°	639.9	659.1	673.6	678.4	688.0	692.8	702.4	716.9	731.3	736.1	740.9
-77.5°	490.7	510.0	524.4	534.0	543.7	553.3	558.1	567.7	572.5	572.5	577.3
-80°	365.6	380.1	389.7	404.1	408.9	418.6	428.2	433.0	437.8	437.8	442.6
-82.5°	259.8	269.4	279.0	288.7	298.3	303.1	312.7	317.5	322.3	327.2	332.0
-85°	173.2	182.8	192.4	202.1	206.9	211.7	216.5	221.3	226.1	230.9	235.7
-87.5°	101.0	105.8	110.7	120.3	125.1	134.7	139.5	134.7	139.5	139.5	139.5
-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: P722040
 CATALOG NUMBER: IFLD-L-SA7D-730-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°	187.6	187.6	187.6	187.6	182.8	173.2	168.4	158.8	149.1	139.5	129.9
85°	389.7	394.5	394.5	394.5	384.9	380.1	365.6	351.2	332.0	303.1	279.0
82.5°	649.5	654.3	654.3	649.5	639.9	625.4	606.2	582.1	543.7	505.2	471.5
80°	976.7	981.5	981.5	976.7	952.6	928.6	904.5	875.6	827.5	774.6	716.9
77.5°	1366.4	1376.0	1376.0	1361.6	1327.9	1299.0	1260.5	1212.4	1140.2	1063.3	986.3
75°	1818.6	1842.7	1847.5	1833.0	1789.7	1736.8	1674.3	1592.5	1481.8	1385.6	1294.2
72.5°	2343.0	2367.1	2386.3	2367.1	2304.5	2232.4	2141.0	2044.7	1934.1	1804.2	1650.2
70°	3031.0	3055.1	3069.5	3007.0	2896.3	2776.0	2665.4	2554.7	2424.8	2266.1	2097.7
67.5°	3897.0	3873.0	3844.1	3719.0	3579.5	3435.2	3281.2	3117.6	2949.2	2780.8	2583.6
65°	4729.4	4662.0	4599.5	4450.3	4272.3	4084.7	3906.7	3723.8	3521.8	3310.1	3122.4
62.5°	5605.0	5460.7	5306.7	5123.9	4941.1	4734.2	4556.2	4339.7	4113.5	3853.7	3613.2
60°	6466.2	6293.0	6139.0	5912.9	5672.3	5393.3	5200.9	4989.2	4724.5	4445.5	4161.6
57.5°	7298.5	7110.9	6942.5	6745.2	6485.4	6182.3	5970.6	5696.4	5417.4	5066.1	4777.5
55°	8183.8	7996.1	7861.4	7640.1	7356.2	7077.2	6846.3	6557.6	6167.9	5792.6	5436.6
52.5°	9198.9	9049.8	8905.4	8679.3	8337.7	8053.9	7798.9	7476.5	7067.6	6605.7	6177.5
50°	10334.4	10257.4	10103.4	9838.8	9449.1	9198.9	8862.1	8433.9	7996.1	7510.2	6976.2
47.5°	11840.2	11715.2	11498.7	11210.0	10882.8	10507.6	10055.3	9554.9	8934.3	8395.5	7827.7
45°	13639.6	13408.7	13129.6	12739.9	12335.8	11912.4	11416.9	10781.8	9949.5	9247.0	8650.4
42.5°	15588.1	15275.4	14895.3	14385.3	13860.9	13341.3	12807.3	11941.3	10902.1	10093.8	9420.2
40°	17623.2	17223.9	16747.6	16006.7	15424.5	14755.8	14144.8	12850.6	11744.0	10868.4	10151.5
37.5°	19615.1	19109.9	18311.2	17411.6	16733.2	16184.7	14842.4	13456.8	12465.7	11503.5	10777.0
35°	21140.2	20712.0	19302.3	18369.0	17786.8	16920.8	15241.7	13822.4	12773.6	11975.0	10844.3
32.5°	22044.7	20938.1	19701.7	18758.7	18277.6	16858.3	15270.6	13928.3	12917.9	12023.1	10671.1
30°	21842.6	20505.1	19422.6	18633.6	17589.6	16314.6	15001.2	13764.7	12783.2	11700.7	10478.7
27.5°	20625.4	19591.0	18624.0	17801.3	16776.5	15631.4	14419.0	13331.7	12417.6	11368.7	10214.1
25°	19249.4	18311.2	17594.4	16877.5	15905.7	14813.5	13745.5	12961.2	12042.3	11007.9	9867.7
22.5°	17984.1	17310.5	16747.6	15997.1	15049.3	14096.7	13432.7	12619.6	11676.7	10627.8	9511.6
20°	17175.8	16718.7	16074.1	15246.5	14500.8	13904.2	13168.1	12306.9	11335.1	10238.1	9208.5
17.5°	16786.1	16256.9	15540.0	15001.2	14428.6	13774.3	12951.6	12037.5	11003.1	10060.1	9242.2
15°	16584.0	16025.9	15554.5	15025.2	14380.5	13692.5	12778.4	11830.6	11003.1	10132.3	9266.3
12.5°	16627.3	16146.2	15631.4	15054.1	14361.3	13625.2	12797.7	11917.2	11060.8	10185.2	9271.1
10°	16762.0	16256.9	15708.4	15068.5	14370.9	13644.4	12850.6	11970.1	11089.7	10209.3	9261.5
7.5°	16810.2	16261.7	15674.7	15030.0	14346.9	13634.8	12860.2	11984.6	11094.5	10204.5	9232.6
5°	16661.0	16165.5	15597.8	14948.2	14279.5	13586.7	12821.7	11965.3	11056.0	10156.3	9160.4
2.5°	16458.9	16059.6	15516.0	14890.5	14212.1	13519.3	12759.2	11878.7	10969.4	10069.7	9069.0
0°	16425.3	15929.7	15381.2	14823.2	14101.5	13370.2	12614.8	11715.2	10810.7	9906.2	8910.3
-2.5°	16204.0	15679.5	15131.1	14524.9	13889.8	13153.7	12359.8	11479.4	10584.5	9694.5	8737.0
-5°	16035.6	15453.4	14871.3	14217.0	13577.1	12841.0	12018.3	11161.9	10286.2	9420.2	8496.5
-7.5°	15809.4	15212.9	14601.8	13918.7	13225.9	12475.3	11662.2	10805.8	9944.6	9083.5	8198.2
-10°	15352.4	14828.0	14255.4	13548.2	12816.9	12066.4	11258.1	10416.1	9554.9	8684.1	7794.1
-12.5°	14799.1	14245.8	13620.4	12970.9	12316.5	11618.9	10810.7	9983.1	9117.1	8241.5	7356.2
-15°	14082.2	13538.6	12898.7	12263.6	11633.4	10964.6	10252.6	9506.8	8626.4	7765.2	6879.9
-17.5°	13187.4	12677.4	12104.9	11498.7	10873.2	10199.6	9506.8	8876.6	8053.9	7245.6	6370.0
-20°	12225.1	11748.8	11234.0	10661.5	10036.1	9376.9	8722.6	8063.5	7351.4	6639.4	5826.3



REPORT NUMBER: P722040
 CATALOG NUMBER: IFLD-L-SA7D-730-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	11224.4	10743.3	10223.7	9689.7	9112.3	8501.3	7895.1	7264.8	6639.4	5994.7	5306.7
-25°	10069.7	9646.4	9170.1	8650.4	8135.7	7601.6	7024.3	6451.8	5917.7	5359.6	4796.7
-27.5°	8862.1	8472.4	8039.4	7587.2	7144.6	6697.1	6196.8	5667.5	5224.9	4763.0	4296.4
-30°	7592.0	7279.3	6928.1	6533.5	6192.0	5831.1	5412.5	4974.7	4570.6	4219.4	3844.1
-32.5°	6389.2	6124.6	5874.4	5614.6	5277.8	4998.8	4710.1	4387.8	4031.7	3699.8	3430.4
-35°	5354.8	5071.0	4965.1	4772.7	4532.1	4286.7	4075.0	3844.1	3574.7	3281.2	3059.9
-37.5°	4484.0	4315.6	4166.5	4060.6	3901.8	3704.6	3536.2	3367.8	3160.9	2939.6	2718.3
-40°	3805.6	3690.2	3526.6	3473.7	3372.6	3237.9	3064.7	2934.8	2795.3	2626.9	2439.3
-42.5°	3262.0	3175.4	3069.5	2978.1	2934.8	2838.6	2703.9	2578.8	2468.1	2352.7	2208.3
-45°	2814.5	2756.8	2689.4	2607.6	2574.0	2497.0	2400.8	2261.2	2198.7	2102.5	1996.6
-47.5°	2453.7	2424.8	2376.7	2323.8	2275.7	2217.9	2131.3	2044.7	1958.1	1895.6	1813.8
-50°	2169.8	2150.6	2121.7	2078.4	2015.9	1977.4	1919.6	1842.7	1760.9	1708.0	1650.2
-52.5°	1943.7	1924.5	1905.2	1871.5	1823.4	1784.9	1736.8	1674.3	1606.9	1554.0	1505.9
-55°	1770.5	1741.6	1727.2	1698.3	1659.8	1616.5	1573.2	1529.9	1472.2	1424.1	1376.0
-57.5°	1635.8	1597.3	1578.1	1554.0	1515.5	1472.2	1438.5	1395.2	1356.7	1303.8	1260.5
-60°	1529.9	1486.6	1448.2	1424.1	1390.4	1347.1	1313.4	1279.8	1241.3	1198.0	1145.1
-62.5°	1443.3	1390.4	1337.5	1308.6	1275.0	1236.5	1202.8	1169.1	1130.6	1087.3	1039.2
-65°	1361.6	1299.0	1231.7	1202.8	1169.1	1130.6	1087.3	1063.3	1029.6	991.1	943.0
-67.5°	1260.5	1193.2	1135.4	1101.8	1068.1	1034.4	995.9	971.9	938.2	890.1	842.0
-70°	1111.4	1068.1	1029.6	1000.7	971.9	943.0	904.5	866.0	827.5	784.2	740.9
-72.5°	923.7	909.3	904.5	890.1	856.4	822.7	784.2	745.7	712.1	678.4	644.7
-75°	745.7	755.4	765.0	760.2	726.5	692.8	659.1	625.4	601.4	572.5	543.7
-77.5°	591.8	601.4	611.0	611.0	587.0	567.7	543.7	519.6	500.4	476.3	447.4
-80°	457.1	471.5	485.9	495.5	476.3	461.9	442.6	423.4	404.1	384.9	365.6
-82.5°	346.4	360.8	375.3	384.9	370.5	360.8	346.4	332.0	317.5	298.3	283.9
-85°	250.2	259.8	269.4	274.2	264.6	255.0	245.4	235.7	226.1	211.7	202.1
-87.5°	144.3	149.1	154.0	158.8	149.1	139.5	134.7	125.1	120.3	110.7	105.8
-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: P722040
 CATALOG NUMBER: IFLD-L-SA7D-730-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°	120.3	110.7	101.0	96.2	86.6	72.2	62.5	52.9	43.3	33.7	28.9
85°	255.0	230.9	202.1	187.6	168.4	149.1	129.9	110.7	91.4	72.2	52.9
82.5°	437.8	408.9	380.1	346.4	303.1	250.2	197.3	163.6	134.7	105.8	81.8
80°	659.1	606.2	558.1	514.8	466.7	399.3	327.2	259.8	182.8	139.5	105.8
77.5°	914.1	851.6	784.2	712.1	635.1	543.7	461.9	375.3	283.9	192.4	134.7
75°	1202.8	1121.0	1029.6	928.6	827.5	707.2	591.8	490.7	384.9	269.4	163.6
72.5°	1525.1	1424.1	1313.4	1178.7	1020.0	880.4	740.9	606.2	481.1	341.6	221.3
70°	1938.9	1780.1	1616.5	1472.2	1270.1	1048.8	885.3	731.3	572.5	418.6	279.0
67.5°	2381.5	2189.1	1991.8	1780.1	1525.1	1265.3	1029.6	856.4	668.7	490.7	332.0
65°	2862.6	2622.1	2371.9	2136.2	1784.9	1477.0	1212.4	976.7	760.2	558.1	384.9
62.5°	3358.2	3074.3	2785.7	2477.7	2073.6	1693.5	1385.6	1111.4	846.8	620.6	433.0
60°	3887.4	3555.4	3204.2	2819.3	2347.8	1929.3	1549.2	1250.9	938.2	683.2	485.9
57.5°	4445.5	4084.7	3670.9	3151.3	2631.7	2155.4	1736.8	1376.0	1020.0	740.9	524.4
55°	5051.7	4637.9	4185.7	3497.7	2910.7	2381.5	1924.5	1501.1	1106.6	789.0	562.9
52.5°	5706.0	5224.9	4652.4	3863.4	3204.2	2612.5	2097.7	1611.7	1188.4	842.0	596.6
50°	6437.3	5831.1	5061.3	4200.1	3459.2	2829.0	2270.9	1732.0	1255.7	899.7	625.4
47.5°	7197.5	6543.2	5427.0	4512.9	3719.0	3040.6	2448.9	1837.9	1323.1	947.8	654.3
45°	7991.3	7038.7	5807.1	4791.9	3945.1	3233.1	2583.6	1934.1	1404.9	991.1	678.4
42.5°	8775.5	7414.0	6139.0	5071.0	4156.8	3406.3	2694.2	2025.5	1472.2	1034.4	702.4
40°	9146.0	7697.8	6403.6	5263.4	4334.8	3560.3	2790.5	2107.3	1529.9	1063.3	726.5
37.5°	9300.0	7871.0	6576.8	5446.2	4474.4	3642.0	2872.3	2179.5	1578.1	1092.1	745.7
35°	9333.6	7933.6	6663.4	5571.3	4589.8	3719.0	2934.8	2232.4	1616.5	1121.0	765.0
32.5°	9271.1	7914.3	6687.5	5614.6	4662.0	3776.8	2978.1	2270.9	1645.4	1149.9	784.2
30°	9131.6	7813.3	6600.9	5609.8	4714.9	3810.4	3007.0	2299.7	1674.3	1169.1	793.8
27.5°	8905.4	7635.3	6490.2	5614.6	4743.8	3824.9	3021.4	2314.2	1693.5	1183.5	813.1
25°	8626.4	7394.7	6495.1	5605.0	4748.6	3829.7	3021.4	2314.2	1698.3	1188.4	827.5
22.5°	8304.0	7394.7	6495.1	5590.6	4719.7	3820.1	3007.0	2304.5	1698.3	1198.0	842.0
20°	8323.3	7399.5	6480.6	5561.7	4676.4	3791.2	2973.3	2280.5	1683.9	1212.4	851.6
17.5°	8337.7	7389.9	6451.8	5523.2	4618.7	3743.1	2930.0	2246.8	1683.9	1226.8	856.4
15°	8337.7	7361.1	6408.5	5465.5	4546.5	3675.7	2867.4	2217.9	1688.7	1231.7	866.0
12.5°	8323.3	7308.1	6341.1	5388.5	4459.9	3593.9	2829.0	2208.3	1688.7	1236.5	866.0
10°	8294.4	7236.0	6254.5	5292.3	4378.1	3565.1	2809.7	2189.1	1679.1	1236.5	866.0
7.5°	8241.5	7149.4	6182.3	5234.5	4330.0	3531.4	2780.8	2160.2	1664.7	1226.8	875.6
5°	8159.7	7101.3	6124.6	5167.2	4262.7	3507.3	2761.6	2136.2	1655.0	1226.8	866.0
2.5°	8053.9	7043.5	6057.2	5080.6	4185.7	3425.5	2699.1	2083.2	1621.4	1207.6	856.4
0°	7880.7	6928.1	5941.8	4960.3	4079.9	3343.7	2636.5	2030.3	1587.7	1188.4	846.8
-2.5°	7721.9	6774.1	5792.6	4835.2	3978.8	3271.6	2588.4	2001.4	1573.2	1183.5	842.0
-5°	7500.6	6562.4	5595.4	4671.6	3844.1	3199.4	2540.3	1967.8	1558.8	1173.9	842.0
-7.5°	7255.2	6341.1	5388.5	4503.2	3709.4	3074.3	2448.9	1914.8	1525.1	1154.7	837.1
-10°	6875.1	6009.1	5128.7	4310.8	3565.1	2963.7	2371.9	1866.7	1496.3	1135.4	817.9
-12.5°	6471.0	5643.5	4830.4	4075.0	3401.5	2848.2	2285.3	1813.8	1462.6	1116.2	808.3
-15°	6042.8	5268.2	4517.7	3829.7	3223.5	2708.7	2193.9	1756.1	1428.9	1092.1	793.8
-17.5°	5595.4	4873.7	4195.3	3579.5	3045.5	2564.3	2097.7	1703.1	1390.4	1068.1	779.4
-20°	5123.9	4469.6	3868.2	3324.5	2857.8	2420.0	1996.6	1640.6	1347.1	1039.2	760.2



REPORT NUMBER: P722040
 CATALOG NUMBER: IFLD-L-SA7D-730-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4657.2	4070.2	3531.4	3074.3	2665.4	2270.9	1895.6	1578.1	1299.0	1005.5	745.7
-25°	4243.4	3695.0	3233.1	2833.8	2477.7	2126.5	1789.7	1515.5	1246.1	971.9	726.5
-27.5°	3839.3	3372.6	2939.6	2607.6	2294.9	1987.0	1688.7	1448.2	1193.2	933.4	707.2
-30°	3464.0	3064.7	2708.7	2386.3	2121.7	1861.9	1602.1	1380.8	1135.4	894.9	683.2
-32.5°	3122.4	2800.1	2501.8	2193.9	1958.1	1736.8	1520.3	1313.4	1077.7	856.4	659.1
-35°	2804.9	2554.7	2294.9	2035.1	1794.6	1621.4	1433.7	1241.3	1024.8	813.1	635.1
-37.5°	2521.0	2319.0	2112.1	1890.8	1683.9	1510.7	1351.9	1169.1	971.9	774.6	611.0
-40°	2275.7	2112.1	1929.3	1751.3	1578.1	1414.5	1270.1	1096.9	918.9	745.7	587.0
-42.5°	2049.6	1924.5	1775.3	1626.2	1472.2	1327.9	1188.4	1020.0	866.0	712.1	562.9
-45°	1876.3	1751.3	1631.0	1496.3	1366.4	1241.3	1101.8	952.6	817.9	673.6	538.8
-47.5°	1712.8	1602.1	1491.5	1380.8	1275.0	1159.5	1020.0	894.9	765.0	639.9	519.6
-50°	1568.4	1462.6	1366.4	1270.1	1178.7	1068.1	938.2	837.1	721.7	606.2	495.5
-52.5°	1433.7	1342.3	1246.1	1169.1	1092.1	981.5	875.6	779.4	678.4	567.7	471.5
-55°	1313.4	1226.8	1140.2	1068.1	995.9	899.7	813.1	731.3	635.1	538.8	447.4
-57.5°	1198.0	1125.8	1044.0	976.7	904.5	827.5	755.4	678.4	591.8	510.0	423.4
-60°	1092.1	1024.8	952.6	885.3	822.7	760.2	692.8	630.3	553.3	476.3	399.3
-62.5°	986.3	928.6	866.0	798.7	750.5	692.8	639.9	577.3	514.8	447.4	356.0
-65°	890.1	837.1	779.4	721.7	678.4	635.1	587.0	529.2	476.3	413.8	317.5
-67.5°	793.8	745.7	697.6	649.5	611.0	577.3	529.2	485.9	442.6	375.3	279.0
-70°	702.4	663.9	620.6	582.1	553.3	514.8	481.1	442.6	404.1	327.2	235.7
-72.5°	615.8	577.3	543.7	514.8	490.7	457.1	428.2	399.3	346.4	274.2	197.3
-75°	514.8	490.7	471.5	447.4	423.4	399.3	375.3	341.6	288.7	221.3	154.0
-77.5°	423.4	408.9	394.5	375.3	356.0	336.8	307.9	274.2	230.9	173.2	125.1
-80°	346.4	332.0	322.3	303.1	288.7	269.4	240.6	211.7	168.4	134.7	101.0
-82.5°	264.6	255.0	245.4	235.7	221.3	202.1	173.2	149.1	125.1	101.0	77.0
-85°	187.6	182.8	173.2	163.6	149.1	134.7	115.5	101.0	86.6	67.4	52.9
-87.5°	96.2	91.4	86.6	81.8	77.0	67.4	57.7	48.1	43.3	33.7	24.1
-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: P722040
 CATALOG NUMBER: IFLD-L-SA7D-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	19.2	14.4	4.8	0.0
85°	38.5	24.1	9.6	0.0
82.5°	57.7	38.5	14.4	0.0
80°	77.0	48.1	24.1	0.0
77.5°	96.2	57.7	28.9	0.0
75°	115.5	72.2	33.7	0.0
72.5°	129.9	81.8	38.5	0.0
70°	154.0	96.2	43.3	0.0
67.5°	192.4	105.8	48.1	0.0
65°	226.1	115.5	52.9	0.0
62.5°	264.6	125.1	57.7	0.0
60°	298.3	134.7	62.5	0.0
57.5°	332.0	158.8	67.4	0.0
55°	360.8	178.0	72.2	0.0
52.5°	394.5	197.3	77.0	0.0
50°	423.4	216.5	81.8	0.0
47.5°	447.4	235.7	81.8	0.0
45°	466.7	250.2	86.6	0.0
42.5°	481.1	264.6	91.4	0.0
40°	495.5	279.0	96.2	0.0
37.5°	510.0	293.5	96.2	0.0
35°	524.4	307.9	101.0	0.0
32.5°	538.8	322.3	101.0	0.0
30°	548.5	332.0	105.8	0.0
27.5°	562.9	341.6	105.8	0.0
25°	567.7	351.2	110.7	0.0
22.5°	577.3	356.0	110.7	0.0
20°	587.0	365.6	110.7	0.0
17.5°	591.8	370.5	115.5	0.0
15°	591.8	375.3	120.3	0.0
12.5°	596.6	380.1	120.3	0.0
10°	596.6	389.7	115.5	0.0
7.5°	606.2	384.9	115.5	0.0
5°	601.4	384.9	115.5	0.0
2.5°	596.6	380.1	115.5	0.0
0°	591.8	380.1	115.5	0.0
-2.5°	591.8	380.1	115.5	0.0
-5°	591.8	380.1	115.5	0.0
-7.5°	587.0	384.9	115.5	0.0
-10°	577.3	384.9	115.5	0.0
-12.5°	572.5	370.5	115.5	0.0
-15°	567.7	365.6	115.5	0.0
-17.5°	558.1	360.8	110.7	0.0
-20°	548.5	356.0	110.7	0.0



REPORT NUMBER: P722040
 CATALOG NUMBER: IFLD-L-SA7D-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	538.8	346.4	110.7	0.0
-25°	529.2	336.8	105.8	0.0
-27.5°	519.6	327.2	105.8	0.0
-30°	505.2	317.5	101.0	0.0
-32.5°	490.7	307.9	101.0	0.0
-35°	481.1	293.5	96.2	0.0
-37.5°	466.7	279.0	96.2	0.0
-40°	452.2	264.6	91.4	0.0
-42.5°	437.8	250.2	86.6	0.0
-45°	418.6	235.7	86.6	0.0
-47.5°	404.1	221.3	81.8	0.0
-50°	380.1	202.1	77.0	0.0
-52.5°	351.2	182.8	72.2	0.0
-55°	322.3	168.4	67.4	0.0
-57.5°	293.5	149.1	67.4	0.0
-60°	264.6	129.9	62.5	0.0
-62.5°	235.7	120.3	57.7	0.0
-65°	206.9	110.7	52.9	0.0
-67.5°	173.2	96.2	48.1	0.0
-70°	144.3	86.6	43.3	0.0
-72.5°	125.1	77.0	38.5	0.0
-75°	105.8	67.4	33.7	0.0
-77.5°	91.4	57.7	28.9	0.0
-80°	72.2	43.3	19.2	0.0
-82.5°	52.9	33.7	14.4	0.0
-85°	33.7	24.1	9.6	0.0
-87.5°	19.2	9.6	4.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)