

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: P721982

Luminaire Tested: **IFLD-L-SA7D-722-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721982
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-722-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

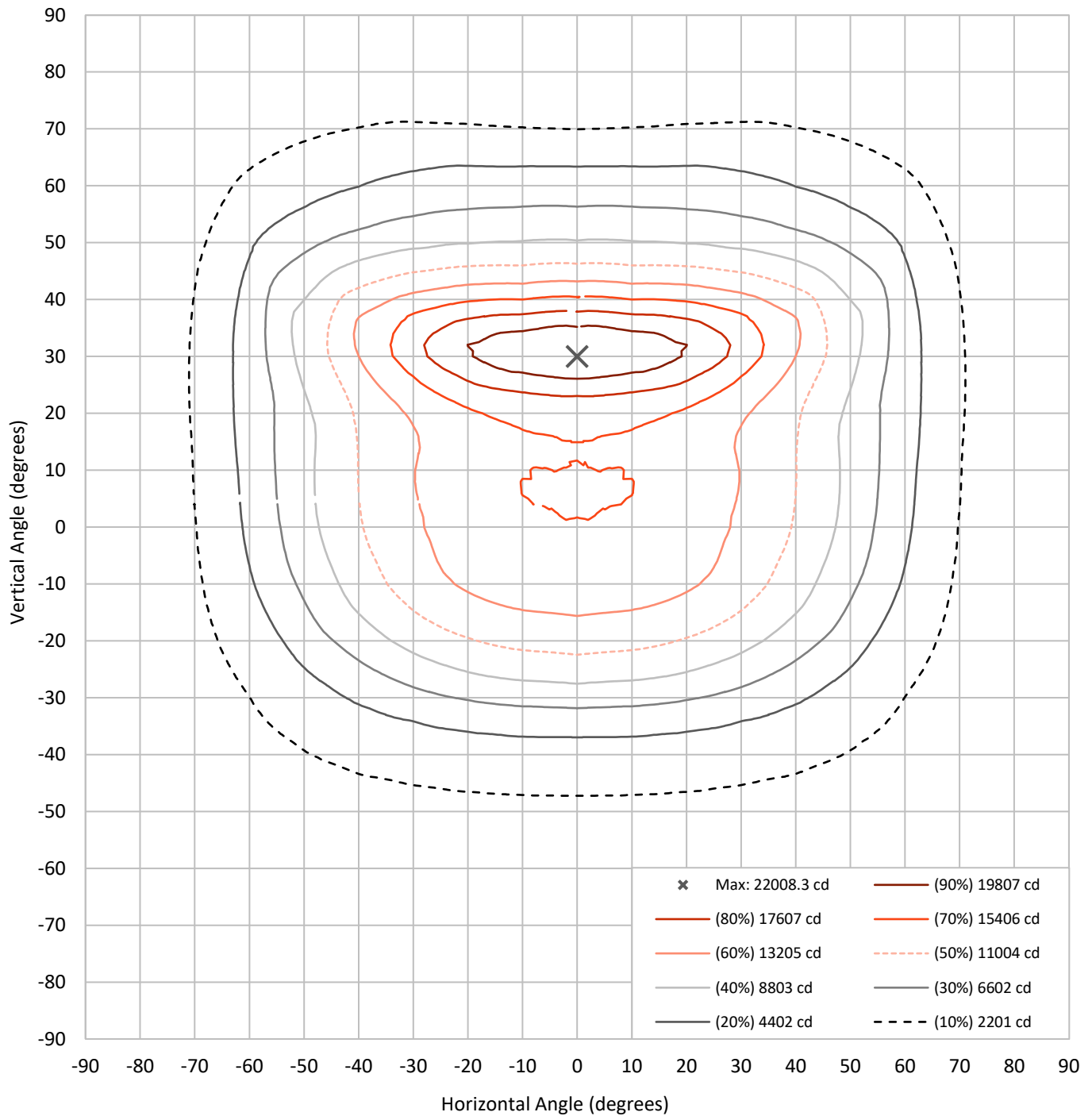
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	36737.3 lumens	Max Intensity:	22008.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	21363.2 lumens	Field Lumens:	34427.6 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



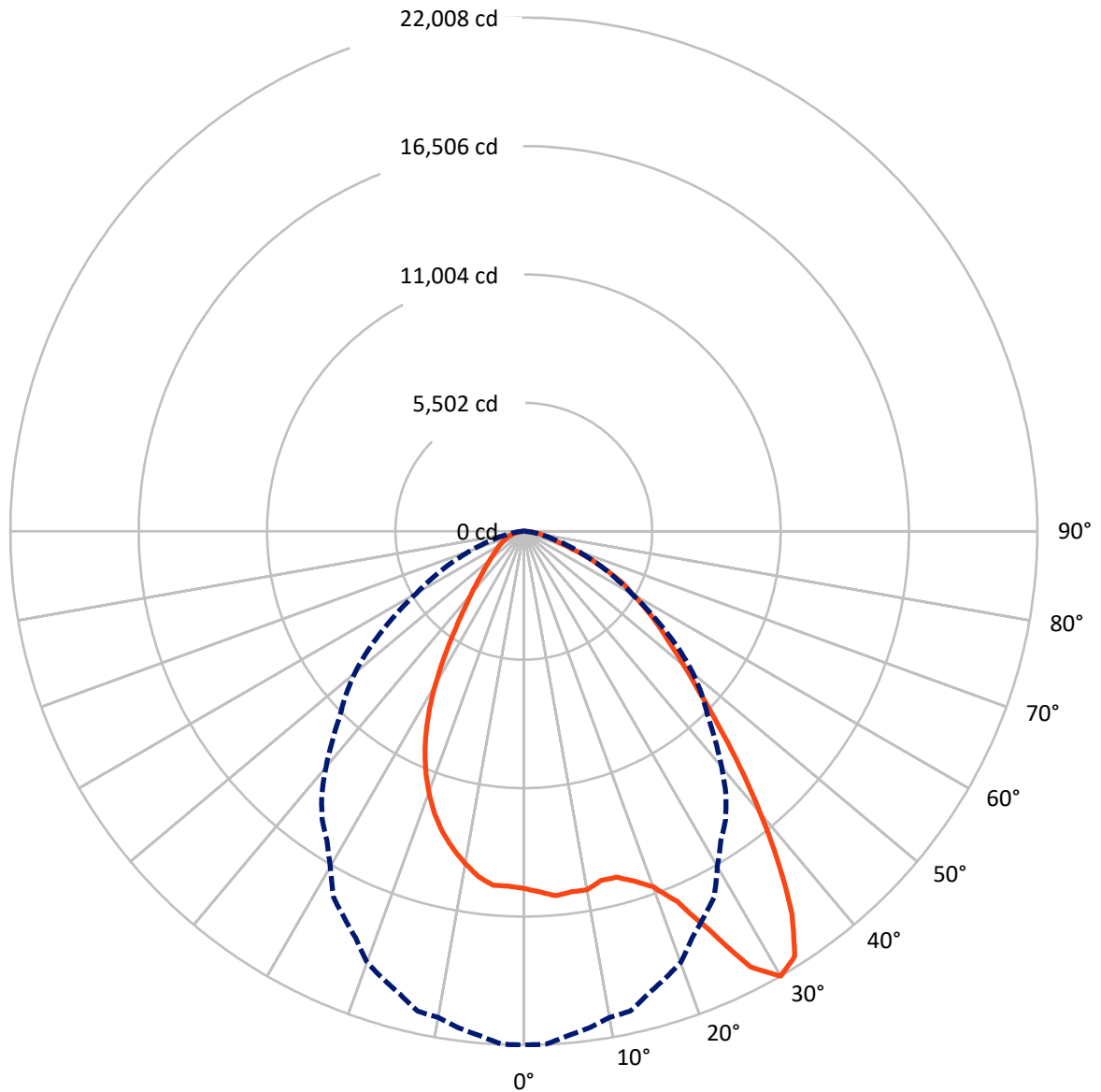
REPORT NUMBER: P721982
CATALOG NUMBER: IFLD-L-SA7D-722-U-76

Iso-Candela Plot



REPORT NUMBER: P721982
CATALOG NUMBER: IFLD-L-SA7D-722-U-76

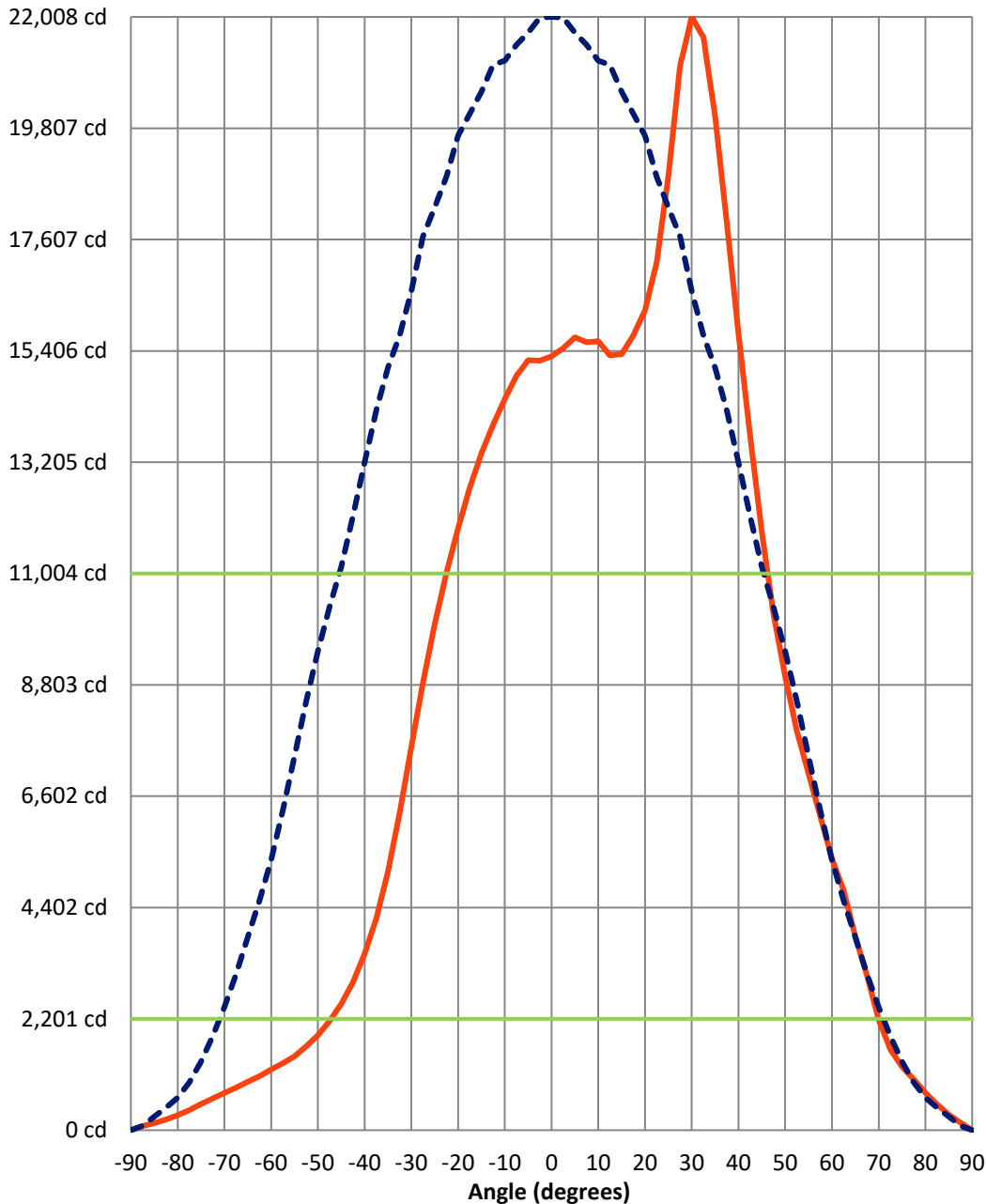
Luminous Intensity Polar Plot



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

REPORT NUMBER: P721982
 CATALOG NUMBER: IFLD-L-SA7D-722-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 21363.2
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 34427.6
 Efficiency: 93.7%

Spill:
 Lumens: 2309.7
 Efficiency: 6.3%

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



REPORT NUMBER: P721982
 CATALOG NUMBER: IFLD-L-SA7D-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°	147.9	151.8	155.7	155.7	151.8	151.8	151.8	147.9	151.8	151.8	151.8
85°	307.5	315.2	323.0	319.1	315.2	307.5	299.7	303.6	307.5	311.3	311.3
82.5°	509.8	521.5	529.3	525.4	517.6	509.8	502.0	505.9	513.7	517.6	517.6
80°	739.4	743.3	747.2	755.0	743.3	743.3	739.4	755.0	762.8	770.6	778.4
77.5°	1004.1	1008.0	1008.0	1011.9	1015.8	1019.7	1019.7	1046.9	1066.4	1078.0	1089.7
75°	1253.2	1264.8	1276.5	1288.2	1303.8	1311.5	1323.2	1362.1	1393.3	1416.6	1440.0
72.5°	1595.6	1611.2	1630.7	1657.9	1685.2	1704.6	1731.9	1778.6	1813.6	1836.9	1864.2
70°	2183.3	2198.9	2218.3	2237.8	2265.0	2284.5	2311.7	2370.1	2405.1	2420.7	2436.3
67.5°	3055.1	3094.0	3129.0	3090.1	3070.6	3043.4	3051.2	3105.7	3140.7	3164.1	3160.2
65°	3829.6	3856.8	3856.8	3852.9	3837.3	3802.3	3821.8	3887.9	3926.8	3946.3	3887.9
62.5°	4740.2	4740.2	4720.8	4751.9	4755.8	4732.5	4720.8	4724.7	4728.6	4740.2	4642.9
60°	5370.7	5409.6	5421.3	5448.6	5456.3	5456.3	5475.8	5491.4	5491.4	5468.0	5355.1
57.5°	6203.6	6277.5	6293.1	6273.6	6234.7	6184.1	6176.3	6153.0	6106.3	6059.6	6005.1
55°	7044.2	7083.1	7079.2	7067.5	7028.6	6970.3	6978.0	6946.9	6873.0	6814.6	6740.6
52.5°	7888.7	7982.1	7997.7	7974.3	7919.9	7857.6	7861.5	7826.5	7752.5	7690.2	7589.1
50°	8966.8	9044.6	9036.8	8997.9	8920.1	8873.4	8877.2	8811.1	8725.5	8706.0	8573.7
47.5°	10200.5	10290.0	10274.4	10219.9	10114.8	10095.4	10114.8	10029.2	9978.6	9935.8	9780.2
45°	11819.5	11924.5	11866.2	11761.1	11593.7	11613.2	11640.4	11624.9	11515.9	11403.0	11204.6
42.5°	13718.7	13784.8	13714.8	13609.7	13399.5	13438.5	13422.9	13329.5	13263.3	13076.5	12823.6
40°	15750.2	15894.2	15785.2	15621.8	15403.8	15462.2	15419.4	15298.8	15143.1	14909.6	14590.4
37.5°	17941.3	18054.2	17929.6	17738.9	17544.3	17524.9	17439.3	17252.4	17030.6	16773.8	16263.9
35°	20039.0	20330.9	20101.3	19797.7	19560.3	19470.8	19389.1	18957.1	18704.1	18287.7	17591.0
32.5°	21599.6	21813.7	21529.6	21214.3	20926.3	20801.8	20513.8	20000.1	19863.9	18988.2	18349.9
30°	22008.3	21992.7	21696.9	21455.6	21144.3	21058.7	20529.4	20093.5	19657.6	18848.1	18241.0
27.5°	21035.3	20938.0	20653.9	20443.7	20136.3	20035.1	19513.6	19280.1	18606.8	17921.8	17408.1
25°	18867.6	18918.1	18704.1	18599.0	18396.6	18178.7	17972.4	17657.2	17236.9	16637.5	16166.6
22.5°	17159.0	17225.2	17135.7	17011.2	16855.5	16734.8	16579.2	16334.0	15929.2	15559.5	15115.8
20°	16209.4	16190.0	16112.1	16018.7	15870.9	15785.2	15614.0	15407.7	15096.4	14777.3	14298.6
17.5°	15711.3	15590.6	15516.7	15481.7	15403.8	15294.9	15092.5	14882.3	14641.0	14279.1	13928.8
15°	15341.6	15361.0	15302.6	15275.4	15213.1	15061.4	14855.1	14683.8	14356.9	14174.0	13854.9
12.5°	15318.2	15298.8	15302.6	15291.0	15213.1	15018.5	14913.5	14695.5	14485.4	14244.1	13878.2
10°	15594.5	15388.3	15403.8	15458.3	15333.8	15178.1	15065.2	14827.8	14629.4	14321.9	13960.0
7.5°	15579.0	15473.9	15505.0	15415.5	15454.4	15263.7	15108.1	14870.7	14621.6	14294.7	13967.8
5°	15672.4	15512.8	15485.6	15493.3	15396.0	15252.1	15041.9	14816.2	14582.7	14216.8	13882.1
2.5°	15458.3	15481.7	15357.1	15310.4	15298.8	15057.5	14862.9	14644.9	14403.6	14080.6	13780.9
0°	15298.8	15341.6	15213.1	15147.0	15143.1	14936.8	14812.3	14563.2	14392.0	14123.4	13761.5
-2.5°	15213.1	15263.7	15279.3	15158.6	15041.9	14882.3	14672.2	14403.6	14123.4	13812.1	13500.7
-5°	15220.9	15119.7	15076.9	15115.8	15014.7	14855.1	14621.6	14384.2	14107.9	13773.2	13384.0
-7.5°	14913.5	14812.3	14804.5	14785.0	14761.7	14609.9	14415.3	14158.5	13878.2	13566.9	13205.0
-10°	14454.2	14380.3	14360.8	14341.4	14279.1	14189.6	14006.7	13773.2	13520.2	13208.8	12823.6
-12.5°	13944.4	13909.4	13835.4	13784.8	13722.6	13617.5	13442.4	13228.3	12975.3	12699.0	12368.2
-15°	13380.1	13313.9	13240.0	13197.2	13107.7	12983.1	12808.0	12609.5	12333.2	12060.8	11749.4
-17.5°	12699.0	12617.3	12535.6	12523.9	12461.6	12270.9	12107.5	11866.2	11624.9	11364.1	11060.6
-20°	11897.3	11784.4	11730.0	11698.8	11613.2	11473.1	11298.0	11076.1	10842.6	10593.5	10243.3



REPORT NUMBER: P721982
 CATALOG NUMBER: IFLD-L-SA7D-722-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	11010.0	10912.7	10819.3	10760.9	10686.9	10578.0	10410.6	10216.0	9986.4	9706.2	9383.2
-25°	10002.0	9865.8	9807.4	9741.2	9702.3	9601.1	9437.7	9258.6	9021.2	8748.8	8441.4
-27.5°	8850.0	8741.0	8709.9	8616.5	8569.8	8464.7	8328.5	8161.2	7943.2	7686.3	7433.4
-30°	7577.4	7511.2	7460.6	7367.2	7332.2	7219.3	7129.8	6989.7	6791.2	6608.3	6405.9
-32.5°	6269.7	6203.6	6188.0	6145.2	6121.8	6047.9	5946.7	5845.5	5686.0	5549.7	5386.3
-35°	5110.0	5063.3	5067.2	5063.3	5039.9	4985.4	4860.9	4833.6	4716.9	4592.4	4487.3
-37.5°	4183.7	4187.6	4183.7	4179.8	4148.7	4125.3	4035.8	4000.8	3930.7	3810.1	3747.8
-40°	3487.1	3494.9	3491.0	3483.2	3448.2	3436.5	3378.1	3331.4	3304.2	3218.5	3152.4
-42.5°	2922.8	2934.4	2930.5	2926.7	2903.3	2899.4	2868.3	2813.8	2798.2	2747.6	2677.6
-45°	2494.7	2490.8	2483.0	2490.8	2479.1	2467.4	2448.0	2412.9	2393.5	2370.1	2311.7
-47.5°	2156.1	2160.0	2152.2	2152.2	2136.6	2124.9	2117.2	2093.8	2078.2	2058.8	2023.7
-50°	1875.9	1891.4	1887.5	1883.6	1872.0	1864.2	1864.2	1840.8	1817.5	1809.7	1786.3
-52.5°	1657.9	1669.6	1673.5	1681.3	1685.2	1689.1	1677.4	1654.0	1615.1	1611.2	1599.5
-55°	1459.4	1494.5	1517.8	1533.4	1548.9	1560.6	1537.3	1506.1	1467.2	1451.6	1447.8
-57.5°	1323.2	1358.2	1385.5	1408.8	1428.3	1447.8	1424.4	1393.3	1358.2	1338.8	1334.9
-60°	1198.7	1229.8	1257.1	1288.2	1315.4	1346.6	1334.9	1311.5	1292.1	1276.5	1261.0
-62.5°	1066.4	1097.5	1128.6	1167.5	1202.6	1233.7	1237.6	1233.7	1229.8	1233.7	1206.5
-65°	957.4	973.0	992.4	1035.2	1074.1	1109.2	1128.6	1140.3	1159.8	1179.2	1152.0
-67.5°	840.6	860.1	883.4	914.6	945.7	969.1	996.3	1027.4	1058.6	1089.7	1070.3
-70°	735.6	751.1	770.6	786.1	805.6	821.2	844.5	879.6	914.6	945.7	937.9
-72.5°	626.6	642.2	653.8	661.6	673.3	681.1	692.7	723.9	747.2	762.8	762.8
-75°	517.6	533.2	544.9	548.7	556.5	560.4	568.2	579.9	591.6	595.4	599.3
-77.5°	397.0	412.5	424.2	432.0	439.8	447.6	451.5	459.2	463.1	463.1	467.0
-80°	295.8	307.5	315.2	326.9	330.8	338.6	346.4	350.3	354.2	354.2	358.0
-82.5°	210.2	217.9	225.7	233.5	241.3	245.2	253.0	256.9	260.8	264.6	268.5
-85°	140.1	147.9	155.7	163.5	167.3	171.2	175.1	179.0	182.9	186.8	190.7
-87.5°	81.7	85.6	89.5	97.3	101.2	109.0	112.9	109.0	112.9	112.9	112.9
-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: P721982
 CATALOG NUMBER: IFLD-L-SA7D-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°	151.8	151.8	151.8	151.8	147.9	140.1	136.2	128.4	120.6	112.9	105.1
85°	315.2	319.1	319.1	319.1	311.3	307.5	295.8	284.1	268.5	245.2	225.7
82.5°	525.4	529.3	529.3	525.4	517.6	505.9	490.4	470.9	439.8	408.6	381.4
80°	790.0	793.9	793.9	790.0	770.6	751.1	731.7	708.3	669.4	626.6	579.9
77.5°	1105.3	1113.1	1113.1	1101.4	1074.1	1050.8	1019.7	980.7	922.4	860.1	797.8
75°	1471.1	1490.6	1494.5	1482.8	1447.8	1404.9	1354.4	1288.2	1198.7	1120.8	1046.9
72.5°	1895.3	1914.8	1930.3	1914.8	1864.2	1805.8	1731.9	1654.0	1564.5	1459.4	1334.9
70°	2451.8	2471.3	2483.0	2432.4	2342.9	2245.6	2156.1	2066.6	1961.5	1833.0	1696.8
67.5°	3152.4	3132.9	3109.6	3008.4	2895.5	2778.8	2654.2	2521.9	2385.7	2249.5	2089.9
65°	3825.7	3771.2	3720.6	3599.9	3455.9	3304.2	3160.2	3012.3	2848.8	2677.6	2525.8
62.5°	4534.0	4417.2	4292.7	4144.8	3996.9	3829.6	3685.6	3510.4	3327.5	3117.3	2922.8
60°	5230.6	5090.5	4966.0	4783.0	4588.5	4362.7	4207.1	4035.8	3821.8	3596.0	3366.4
57.5°	5903.9	5752.1	5615.9	5456.3	5246.2	5001.0	4829.8	4607.9	4382.2	4098.1	3864.6
55°	6620.0	6468.2	6359.2	6180.2	5950.6	5724.9	5538.1	5304.6	4989.3	4685.8	4397.8
52.5°	7441.2	7320.5	7203.8	7020.8	6744.5	6514.9	6308.6	6047.9	5717.1	5343.5	4997.1
50°	8359.6	8297.4	8172.8	7958.8	7643.5	7441.2	7168.7	6822.4	6468.2	6075.1	5643.1
47.5°	9577.8	9476.6	9301.5	9067.9	8803.3	8499.7	8133.9	7729.2	7227.1	6791.2	6332.0
45°	11033.3	10846.5	10620.8	10305.5	9978.6	9636.2	9235.3	8721.6	8048.3	7480.1	6997.5
42.5°	12609.5	12356.5	12049.1	11636.5	11212.3	10792.0	10360.0	9659.5	8818.9	8165.0	7620.2
40°	14255.7	13932.7	13547.4	12948.1	12477.2	11936.2	11442.0	10395.1	9499.9	8791.6	8211.7
37.5°	15867.0	15458.3	14812.3	14084.5	13535.8	13092.1	12006.3	10885.4	10083.7	9305.3	8717.7
35°	17100.7	16754.3	15614.0	14859.0	14388.1	13687.5	12329.3	11181.2	10332.8	9686.7	8772.2
32.5°	17832.3	16937.2	15937.0	15174.2	14785.0	13636.9	12352.6	11266.8	10449.5	9725.7	8632.1
30°	17668.9	16586.9	15711.3	15073.0	14228.5	13197.2	12134.7	11134.5	10340.6	9464.9	8476.4
27.5°	16684.2	15847.5	15065.2	14399.7	13570.8	12644.5	11663.8	10784.2	10044.8	9196.4	8262.3
25°	15571.2	14812.3	14232.4	13652.5	12866.4	11982.9	11118.9	10484.6	9741.2	8904.5	7982.1
22.5°	14547.6	14002.8	13547.4	12940.3	12173.6	11403.0	10866.0	10208.3	9445.5	8597.0	7694.1
20°	13893.8	13524.1	13002.6	12333.2	11730.0	11247.4	10651.9	9955.3	9169.1	8281.8	7448.9
17.5°	13578.6	13150.5	12570.6	12134.7	11671.6	11142.3	10476.8	9737.3	8900.6	8137.8	7476.2
15°	13415.1	12963.7	12582.3	12154.2	11632.7	11076.1	10336.7	9570.0	8900.6	8196.2	7495.7
12.5°	13450.1	13061.0	12644.5	12177.5	11617.1	11021.6	10352.2	9640.0	8947.3	8239.0	7499.5
10°	13559.1	13150.5	12706.8	12189.2	11624.9	11037.2	10395.1	9682.9	8970.7	8258.4	7491.8
7.5°	13598.0	13154.4	12679.6	12158.1	11605.4	11029.4	10402.8	9694.5	8974.5	8254.6	7468.4
5°	13477.4	13076.5	12617.3	12091.9	11550.9	10990.5	10371.7	9679.0	8943.4	8215.6	7410.0
2.5°	13313.9	12990.9	12551.1	12045.2	11496.4	10936.0	10321.1	9608.9	8873.4	8145.6	7336.1
0°	13286.7	12885.8	12442.2	11990.7	11406.9	10815.4	10204.4	9476.6	8744.9	8013.3	7207.7
-2.5°	13107.7	12683.4	12239.8	11749.4	11235.7	10640.2	9998.1	9285.9	8562.0	7842.0	7067.5
-5°	12971.4	12500.5	12029.6	11500.3	10982.7	10387.3	9721.8	9029.0	8320.7	7620.2	6873.0
-7.5°	12788.5	12305.9	11811.7	11259.0	10698.6	10091.5	9433.8	8741.0	8044.4	7347.8	6631.7
-10°	12418.8	11994.6	11531.5	10959.4	10367.8	9760.7	9106.9	8425.8	7729.2	7024.7	6304.8
-12.5°	11971.2	11523.7	11017.7	10492.4	9963.1	9398.8	8744.9	8075.5	7375.0	6666.7	5950.6
-15°	11391.4	10951.6	10434.0	9920.3	9410.4	8869.5	8293.5	7690.2	6978.0	6281.4	5565.3
-17.5°	10667.5	10255.0	9791.8	9301.5	8795.5	8250.7	7690.2	7180.4	6514.9	5861.1	5152.8
-20°	9889.1	9503.8	9087.4	8624.3	8118.3	7585.2	7055.9	6522.7	5946.7	5370.7	4713.0



REPORT NUMBER: P721982
 CATALOG NUMBER: IFLD-L-SA7D-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°	9079.6	8690.4	8270.1	7838.1	7371.1	6876.9	6386.5	5876.7	5370.7	4849.2	4292.7
-25°	8145.6	7803.1	7417.8	6997.5	6581.1	6149.1	5682.1	5218.9	4786.9	4335.5	3880.1
-27.5°	7168.7	6853.5	6503.2	6137.4	5779.4	5417.4	5012.7	4584.6	4226.5	3852.9	3475.4
-30°	6141.3	5888.3	5604.2	5285.1	5008.8	4716.9	4378.3	4024.1	3697.2	3413.1	3109.6
-32.5°	5168.3	4954.3	4751.9	4541.8	4269.3	4043.6	3810.1	3549.3	3261.3	2992.8	2774.9
-35°	4331.6	4102.0	4016.4	3860.7	3666.1	3467.6	3296.4	3109.6	2891.6	2654.2	2475.2
-37.5°	3627.2	3491.0	3370.3	3284.7	3156.3	2996.7	2860.5	2724.3	2556.9	2377.9	2198.9
-40°	3078.4	2985.0	2852.7	2809.9	2728.2	2619.2	2479.1	2374.0	2261.1	2124.9	1973.2
-42.5°	2638.7	2568.6	2483.0	2409.0	2374.0	2296.2	2187.2	2086.0	1996.5	1903.1	1786.3
-45°	2276.7	2230.0	2175.5	2109.4	2082.1	2019.9	1942.0	1829.2	1778.6	1700.7	1615.1
-47.5°	1984.8	1961.5	1922.6	1879.8	1840.8	1794.1	1724.1	1654.0	1584.0	1533.4	1467.2
-50°	1755.2	1739.6	1716.3	1681.3	1630.7	1599.5	1552.8	1490.6	1424.4	1381.6	1334.9
-52.5°	1572.3	1556.7	1541.2	1513.9	1475.0	1443.9	1404.9	1354.4	1299.9	1257.1	1218.1
-55°	1432.2	1408.8	1397.2	1373.8	1342.7	1307.7	1272.6	1237.6	1190.9	1152.0	1113.1
-57.5°	1323.2	1292.1	1276.5	1257.1	1225.9	1190.9	1163.7	1128.6	1097.5	1054.7	1019.7
-60°	1237.6	1202.6	1171.4	1152.0	1124.7	1089.7	1062.5	1035.2	1004.1	969.1	926.3
-62.5°	1167.5	1124.7	1081.9	1058.6	1031.3	1000.2	973.0	945.7	914.6	879.6	840.6
-65°	1101.4	1050.8	996.3	973.0	945.7	914.6	879.6	860.1	832.9	801.7	762.8
-67.5°	1019.7	965.2	918.5	891.2	864.0	836.7	805.6	786.1	758.9	720.0	681.1
-70°	899.0	864.0	832.9	809.5	786.1	762.8	731.7	700.5	669.4	634.4	599.3
-72.5°	747.2	735.6	731.7	720.0	692.7	665.5	634.4	603.2	576.0	548.7	521.5
-75°	603.2	611.0	618.8	614.9	587.7	560.4	533.2	505.9	486.5	463.1	439.8
-77.5°	478.7	486.5	494.3	494.3	474.8	459.2	439.8	420.3	404.7	385.3	361.9
-80°	369.7	381.4	393.1	400.9	385.3	373.6	358.0	342.5	326.9	311.3	295.8
-82.5°	280.2	291.9	303.6	311.3	299.7	291.9	280.2	268.5	256.9	241.3	229.6
-85°	202.4	210.2	217.9	221.8	214.1	206.3	198.5	190.7	182.9	171.2	163.5
-87.5°	116.8	120.6	124.5	128.4	120.6	112.9	109.0	101.2	97.3	89.5	85.6
-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: P721982
 CATALOG NUMBER: IFLD-L-SA7D-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°	97.3	89.5	81.7	77.8	70.1	58.4	50.6	42.8	35.0	27.2	23.4
85°	206.3	186.8	163.5	151.8	136.2	120.6	105.1	89.5	73.9	58.4	42.8
82.5°	354.2	330.8	307.5	280.2	245.2	202.4	159.6	132.3	109.0	85.6	66.2
80°	533.2	490.4	451.5	416.4	377.5	323.0	264.6	210.2	147.9	112.9	85.6
77.5°	739.4	688.9	634.4	576.0	513.7	439.8	373.6	303.6	229.6	155.7	109.0
75°	973.0	906.8	832.9	751.1	669.4	572.1	478.7	397.0	311.3	217.9	132.3
72.5°	1233.7	1152.0	1062.5	953.5	825.1	712.2	599.3	490.4	389.2	276.3	179.0
70°	1568.4	1440.0	1307.7	1190.9	1027.4	848.4	716.1	591.6	463.1	338.6	225.7
67.5°	1926.5	1770.8	1611.2	1440.0	1233.7	1023.5	832.9	692.7	541.0	397.0	268.5
65°	2315.6	2121.0	1918.7	1728.0	1443.9	1194.8	980.7	790.0	614.9	451.5	311.3
62.5°	2716.5	2486.9	2253.4	2004.3	1677.4	1369.9	1120.8	899.0	685.0	502.0	350.3
60°	3144.6	2876.1	2592.0	2280.6	1899.2	1560.6	1253.2	1011.9	758.9	552.6	393.1
57.5°	3596.0	3304.2	2969.5	2549.1	2128.8	1743.5	1404.9	1113.1	825.1	599.3	424.2
55°	4086.4	3751.7	3385.9	2829.4	2354.6	1926.5	1556.7	1214.2	895.1	638.3	455.3
52.5°	4615.7	4226.5	3763.4	3125.1	2592.0	2113.3	1696.8	1303.8	961.3	681.1	482.6
50°	5207.3	4716.9	4094.2	3397.6	2798.2	2288.4	1836.9	1401.1	1015.8	727.8	505.9
47.5°	5822.2	5292.9	4390.0	3650.5	3008.4	2459.6	1980.9	1486.7	1070.3	766.7	529.3
45°	6464.3	5693.7	4697.4	3876.3	3191.3	2615.3	2089.9	1564.5	1136.4	801.7	548.7
42.5°	7098.7	5997.3	4966.0	4102.0	3362.5	2755.4	2179.4	1638.5	1190.9	836.7	568.2
40°	7398.4	6226.9	5180.0	4257.7	3506.5	2879.9	2257.3	1704.6	1237.6	860.1	587.7
37.5°	7522.9	6367.0	5320.1	4405.5	3619.4	2946.1	2323.4	1763.0	1276.5	883.4	603.2
35°	7550.1	6417.6	5390.2	4506.7	3712.8	3008.4	2374.0	1805.8	1307.7	906.8	618.8
32.5°	7499.5	6402.0	5409.6	4541.8	3771.2	3055.1	2409.0	1836.9	1331.0	930.1	634.4
30°	7386.7	6320.3	5339.6	4537.9	3814.0	3082.3	2432.4	1860.3	1354.4	945.7	642.2
27.5°	7203.8	6176.3	5250.1	4541.8	3837.3	3094.0	2444.1	1872.0	1369.9	957.4	657.7
25°	6978.0	5981.7	5254.0	4534.0	3841.2	3097.9	2444.1	1872.0	1373.8	961.3	669.4
22.5°	6717.3	5981.7	5254.0	4522.3	3817.9	3090.1	2432.4	1864.2	1373.8	969.1	681.1
20°	6732.9	5985.6	5242.3	4498.9	3782.9	3066.8	2405.1	1844.7	1362.1	980.7	688.9
17.5°	6744.5	5977.8	5218.9	4467.8	3736.1	3027.8	2370.1	1817.5	1362.1	992.4	692.7
15°	6744.5	5954.5	5183.9	4421.1	3677.8	2973.4	2319.5	1794.1	1366.0	996.3	700.5
12.5°	6732.9	5911.7	5129.4	4358.8	3607.7	2907.2	2288.4	1786.3	1366.0	1000.2	700.5
10°	6709.5	5853.3	5059.4	4281.0	3541.6	2883.8	2272.8	1770.8	1358.2	1000.2	700.5
7.5°	6666.7	5783.2	5001.0	4234.3	3502.6	2856.6	2249.5	1747.4	1346.6	992.4	708.3
5°	6600.5	5744.3	4954.3	4179.8	3448.2	2837.1	2233.9	1728.0	1338.8	992.4	700.5
2.5°	6514.9	5697.6	4899.8	4109.8	3385.9	2771.0	2183.3	1685.2	1311.5	976.8	692.7
0°	6374.8	5604.2	4806.4	4012.5	3300.3	2704.8	2132.7	1642.3	1284.3	961.3	685.0
-2.5°	6246.4	5479.7	4685.8	3911.3	3218.5	2646.4	2093.8	1619.0	1272.6	957.4	681.1
-5°	6067.4	5308.4	4526.2	3779.0	3109.6	2588.1	2054.9	1591.8	1261.0	949.6	681.1
-7.5°	5868.9	5129.4	4358.8	3642.7	3000.6	2486.9	1980.9	1548.9	1233.7	934.0	677.2
-10°	5561.4	4860.9	4148.7	3487.1	2883.8	2397.4	1918.7	1510.0	1210.4	918.5	661.6
-12.5°	5234.5	4565.1	3907.4	3296.4	2751.5	2304.0	1848.6	1467.2	1183.1	902.9	653.8
-15°	4888.1	4261.5	3654.4	3097.9	2607.5	2191.1	1774.7	1420.5	1155.9	883.4	642.2
-17.5°	4526.2	3942.4	3393.7	2895.5	2463.5	2074.3	1696.8	1377.7	1124.7	864.0	630.5
-20°	4144.8	3615.5	3129.0	2689.2	2311.7	1957.6	1615.1	1327.1	1089.7	840.6	614.9



REPORT NUMBER: P721982
 CATALOG NUMBER: IFLD-L-SA7D-722-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3767.3	3292.5	2856.6	2486.9	2156.1	1836.9	1533.4	1276.5	1050.8	813.4	603.2
-25°	3432.6	2988.9	2615.3	2292.3	2004.3	1720.2	1447.8	1225.9	1008.0	786.1	587.7
-27.5°	3105.7	2728.2	2377.9	2109.4	1856.4	1607.3	1366.0	1171.4	965.2	755.0	572.1
-30°	2802.1	2479.1	2191.1	1930.3	1716.3	1506.1	1296.0	1117.0	918.5	723.9	552.6
-32.5°	2525.8	2265.0	2023.7	1774.7	1584.0	1404.9	1229.8	1062.5	871.8	692.7	533.2
-35°	2268.9	2066.6	1856.4	1646.2	1451.6	1311.5	1159.8	1004.1	829.0	657.7	513.7
-37.5°	2039.3	1875.9	1708.5	1529.5	1362.1	1222.0	1093.6	945.7	786.1	626.6	494.3
-40°	1840.8	1708.5	1560.6	1416.6	1276.5	1144.2	1027.4	887.3	743.3	603.2	474.8
-42.5°	1657.9	1556.7	1436.1	1315.4	1190.9	1074.1	961.3	825.1	700.5	576.0	455.3
-45°	1517.8	1416.6	1319.3	1210.4	1105.3	1004.1	891.2	770.6	661.6	544.9	435.9
-47.5°	1385.5	1296.0	1206.5	1117.0	1031.3	937.9	825.1	723.9	618.8	517.6	420.3
-50°	1268.7	1183.1	1105.3	1027.4	953.5	864.0	758.9	677.2	583.8	490.4	400.9
-52.5°	1159.8	1085.8	1008.0	945.7	883.4	793.9	708.3	630.5	548.7	459.2	381.4
-55°	1062.5	992.4	922.4	864.0	805.6	727.8	657.7	591.6	513.7	435.9	361.9
-57.5°	969.1	910.7	844.5	790.0	731.7	669.4	611.0	548.7	478.7	412.5	342.5
-60°	883.4	829.0	770.6	716.1	665.5	614.9	560.4	509.8	447.6	385.3	323.0
-62.5°	797.8	751.1	700.5	646.0	607.1	560.4	517.6	467.0	416.4	361.9	288.0
-65°	720.0	677.2	630.5	583.8	548.7	513.7	474.8	428.1	385.3	334.7	256.9
-67.5°	642.2	603.2	564.3	525.4	494.3	467.0	428.1	393.1	358.0	303.6	225.7
-70°	568.2	537.1	502.0	470.9	447.6	416.4	389.2	358.0	326.9	264.6	190.7
-72.5°	498.2	467.0	439.8	416.4	397.0	369.7	346.4	323.0	280.2	221.8	159.6
-75°	416.4	397.0	381.4	361.9	342.5	323.0	303.6	276.3	233.5	179.0	124.5
-77.5°	342.5	330.8	319.1	303.6	288.0	272.4	249.1	221.8	186.8	140.1	101.2
-80°	280.2	268.5	260.8	245.2	233.5	217.9	194.6	171.2	136.2	109.0	81.7
-82.5°	214.1	206.3	198.5	190.7	179.0	163.5	140.1	120.6	101.2	81.7	62.3
-85°	151.8	147.9	140.1	132.3	120.6	109.0	93.4	81.7	70.1	54.5	42.8
-87.5°	77.8	73.9	70.1	66.2	62.3	54.5	46.7	38.9	35.0	27.2	19.5
-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: P721982
 CATALOG NUMBER: IFLD-L-SA7D-722-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	15.6	11.7	3.9	0.0
85°	31.1	19.5	7.8	0.0
82.5°	46.7	31.1	11.7	0.0
80°	62.3	38.9	19.5	0.0
77.5°	77.8	46.7	23.4	0.0
75°	93.4	58.4	27.2	0.0
72.5°	105.1	66.2	31.1	0.0
70°	124.5	77.8	35.0	0.0
67.5°	155.7	85.6	38.9	0.0
65°	182.9	93.4	42.8	0.0
62.5°	214.1	101.2	46.7	0.0
60°	241.3	109.0	50.6	0.0
57.5°	268.5	128.4	54.5	0.0
55°	291.9	144.0	58.4	0.0
52.5°	319.1	159.6	62.3	0.0
50°	342.5	175.1	66.2	0.0
47.5°	361.9	190.7	66.2	0.0
45°	377.5	202.4	70.1	0.0
42.5°	389.2	214.1	73.9	0.0
40°	400.9	225.7	77.8	0.0
37.5°	412.5	237.4	77.8	0.0
35°	424.2	249.1	81.7	0.0
32.5°	435.9	260.8	81.7	0.0
30°	443.7	268.5	85.6	0.0
27.5°	455.3	276.3	85.6	0.0
25°	459.2	284.1	89.5	0.0
22.5°	467.0	288.0	89.5	0.0
20°	474.8	295.8	89.5	0.0
17.5°	478.7	299.7	93.4	0.0
15°	478.7	303.6	97.3	0.0
12.5°	482.6	307.5	97.3	0.0
10°	482.6	315.2	93.4	0.0
7.5°	490.4	311.3	93.4	0.0
5°	486.5	311.3	93.4	0.0
2.5°	482.6	307.5	93.4	0.0
0°	478.7	307.5	93.4	0.0
-2.5°	478.7	307.5	93.4	0.0
-5°	478.7	307.5	93.4	0.0
-7.5°	474.8	311.3	93.4	0.0
-10°	467.0	311.3	93.4	0.0
-12.5°	463.1	299.7	93.4	0.0
-15°	459.2	295.8	93.4	0.0
-17.5°	451.5	291.9	89.5	0.0
-20°	443.7	288.0	89.5	0.0



REPORT NUMBER: P721982

CATALOG NUMBER: IFLD-L-SA7D-722-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	435.9	280.2	89.5	0.0
-25°	428.1	272.4	85.6	0.0
-27.5°	420.3	264.6	85.6	0.0
-30°	408.6	256.9	81.7	0.0
-32.5°	397.0	249.1	81.7	0.0
-35°	389.2	237.4	77.8	0.0
-37.5°	377.5	225.7	77.8	0.0
-40°	365.8	214.1	73.9	0.0
-42.5°	354.2	202.4	70.1	0.0
-45°	338.6	190.7	70.1	0.0
-47.5°	326.9	179.0	66.2	0.0
-50°	307.5	163.5	62.3	0.0
-52.5°	284.1	147.9	58.4	0.0
-55°	260.8	136.2	54.5	0.0
-57.5°	237.4	120.6	54.5	0.0
-60°	214.1	105.1	50.6	0.0
-62.5°	190.7	97.3	46.7	0.0
-65°	167.3	89.5	42.8	0.0
-67.5°	140.1	77.8	38.9	0.0
-70°	116.8	70.1	35.0	0.0
-72.5°	101.2	62.3	31.1	0.0
-75°	85.6	54.5	27.2	0.0
-77.5°	73.9	46.7	23.4	0.0
-80°	58.4	35.0	15.6	0.0
-82.5°	42.8	27.2	11.7	0.0
-85°	27.2	19.5	7.8	0.0
-87.5°	15.6	7.8	3.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)