

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: P722335

Luminaire Tested: **IFLD-L-SA8D-940-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722335
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-940-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

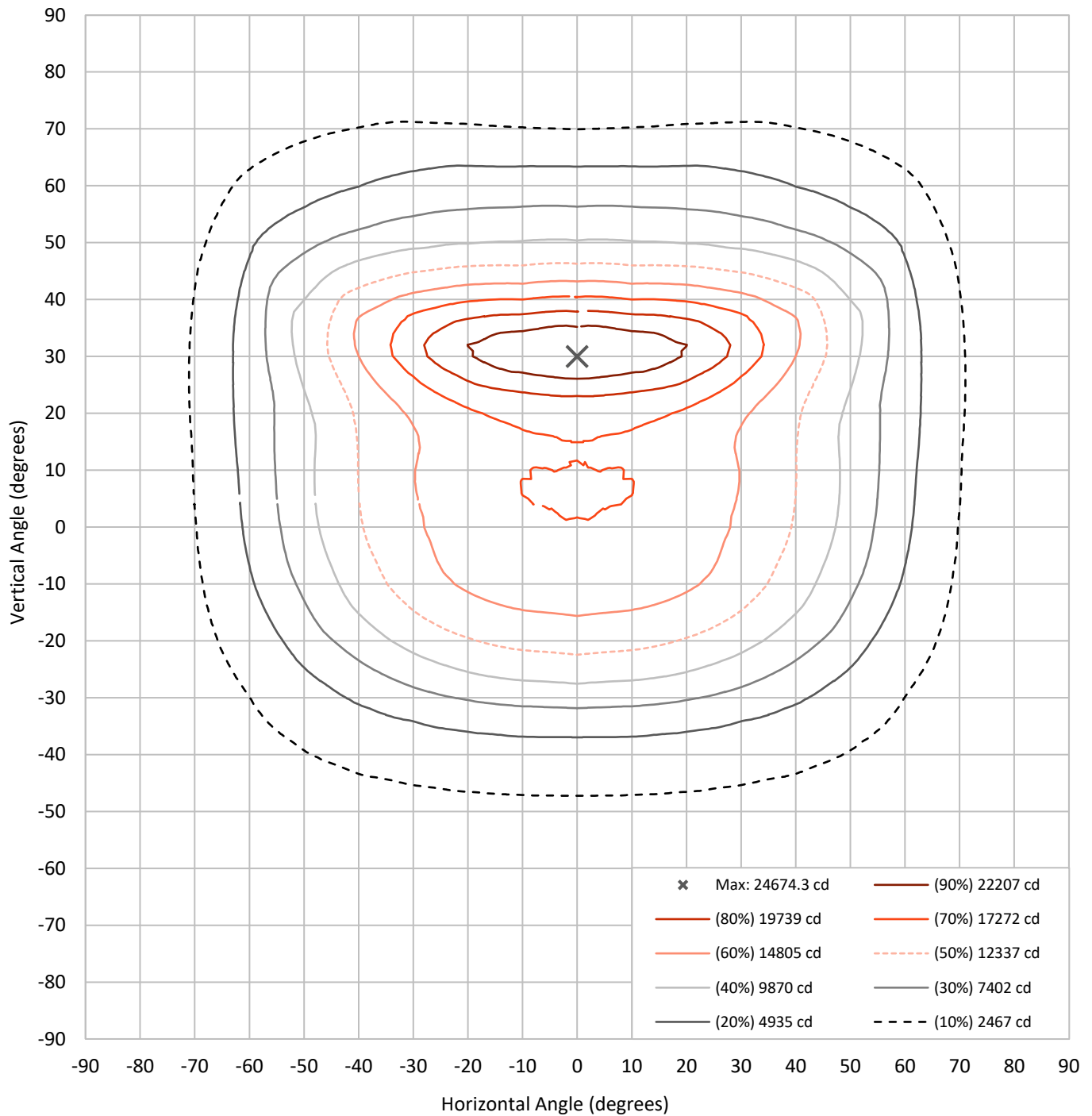
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	41187.6 lumens	Max Intensity:	24674.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	84.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	23951.1 lumens	Field Lumens:	38598.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 488.3
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



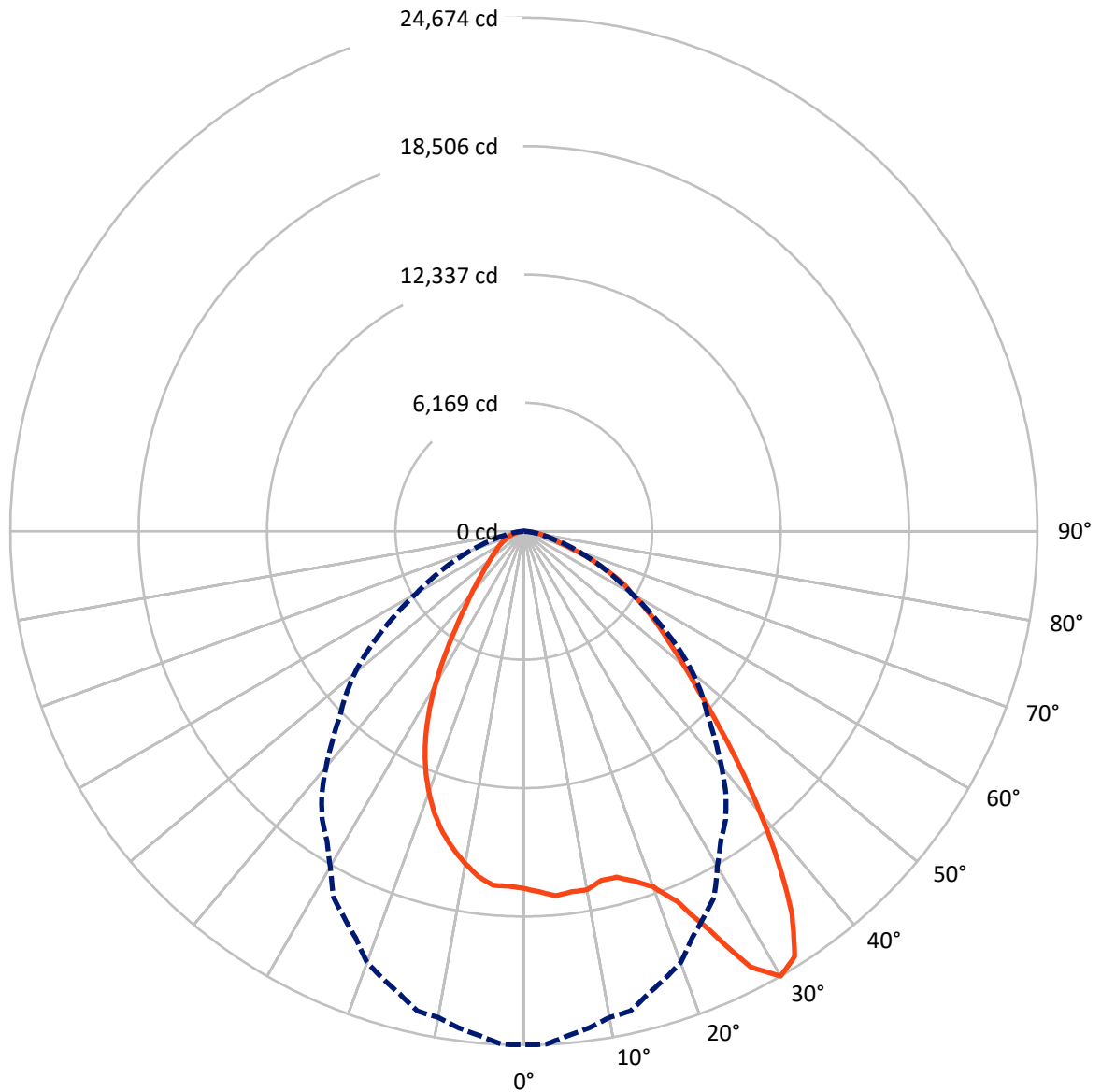
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Iso-Candela Plot



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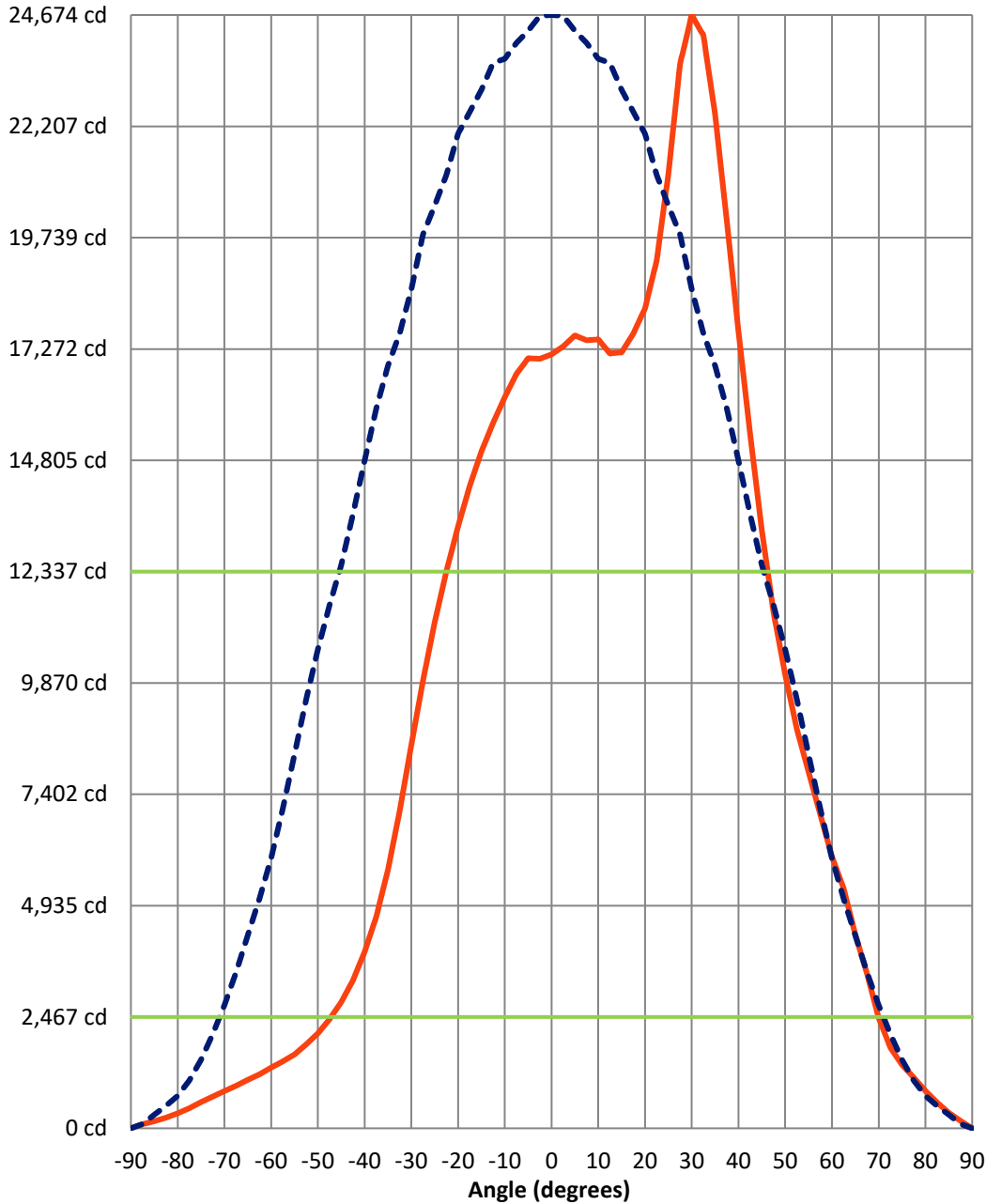
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 23951.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 38598.1
 Efficiency: 93.7%

Spill:
 Lumens: 2589.5
 Efficiency: 6.3%

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



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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°	165.8	170.2	174.5	174.5	170.2	170.2	170.2	165.8	170.2	170.2	170.2
85°	344.7	353.4	362.2	357.8	353.4	344.7	336.0	340.3	344.7	349.1	349.1
82.5°	571.6	584.7	593.4	589.0	580.3	571.6	562.9	567.2	576.0	580.3	580.3
80°	829.0	833.4	837.7	846.5	833.4	833.4	829.0	846.5	855.2	863.9	872.7
77.5°	1125.7	1130.1	1130.1	1134.5	1138.8	1143.2	1143.2	1173.7	1195.5	1208.6	1221.7
75°	1405.0	1418.1	1431.2	1444.2	1461.7	1470.4	1483.5	1527.1	1562.1	1588.2	1614.4
72.5°	1788.9	1806.4	1828.2	1858.8	1889.3	1911.1	1941.7	1994.0	2033.3	2059.5	2090.0
70°	2447.8	2465.2	2487.1	2508.9	2539.4	2561.2	2591.8	2657.2	2696.5	2714.0	2731.4
67.5°	3425.2	3468.8	3508.1	3464.4	3442.6	3412.1	3420.8	3481.9	3521.2	3547.3	3543.0
65°	4293.5	4324.0	4324.0	4319.6	4302.2	4262.9	4284.7	4358.9	4402.5	4424.4	4358.9
62.5°	5314.5	5314.5	5292.6	5327.6	5331.9	5305.7	5292.6	5297.0	5301.4	5314.5	5205.4
60°	6021.3	6064.9	6078.0	6108.6	6117.3	6117.3	6139.1	6156.6	6156.6	6130.4	6003.9
57.5°	6955.1	7038.0	7055.4	7033.6	6990.0	6933.2	6924.5	6898.3	6846.0	6793.6	6732.5
55°	7897.5	7941.2	7936.8	7923.7	7880.1	7814.6	7823.3	7788.4	7705.5	7640.1	7557.2
52.5°	8844.4	8949.1	8966.5	8940.3	8879.3	8809.4	8813.8	8774.5	8691.6	8621.8	8508.4
50°	10053.0	10140.2	10131.5	10087.9	10000.6	9948.3	9952.6	9878.4	9782.5	9760.6	9612.3
47.5°	11436.1	11536.5	11519.0	11458.0	11340.1	11318.3	11340.1	11244.2	11187.4	11139.4	10964.9
45°	13251.3	13369.1	13303.6	13185.8	12998.2	13020.0	13050.5	13033.1	12910.9	12784.4	12561.9
42.5°	15380.5	15454.7	15376.2	15258.4	15022.7	15066.4	15048.9	14944.2	14870.0	14660.6	14377.0
40°	17658.2	17819.6	17697.4	17514.2	17269.8	17335.3	17287.3	17152.0	16977.5	16715.7	16357.9
37.5°	20114.7	20241.2	20101.6	19887.8	19669.6	19647.8	19551.8	19342.4	19093.7	18805.7	18234.1
35°	22466.5	22793.7	22536.3	22196.0	21929.8	21829.5	21737.8	21253.5	20969.9	20503.0	19722.0
32.5°	24216.2	24456.1	24137.6	23784.2	23461.3	23321.7	22998.8	22422.9	22270.1	21288.4	20572.8
30°	24674.3	24656.9	24325.2	24054.7	23705.7	23609.7	23016.3	22527.6	22038.9	21131.3	20450.7
27.5°	23583.5	23474.4	23155.9	22920.3	22575.6	22462.1	21877.4	21615.7	20860.8	20092.9	19516.9
25°	21153.1	21209.9	20969.9	20852.1	20625.2	20380.8	20149.6	19796.2	19324.9	18653.0	18125.0
22.5°	19237.7	19311.8	19211.5	19071.9	18897.3	18762.1	18587.5	18312.7	17858.9	17444.4	16946.9
20°	18173.0	18151.2	18063.9	17959.2	17793.4	17697.4	17505.4	17274.2	16925.1	16567.3	16030.7
17.5°	17614.5	17479.3	17396.4	17357.1	17269.8	17147.7	16920.8	16685.2	16414.6	16008.8	15616.2
15°	17200.0	17221.8	17156.4	17125.8	17056.0	16885.9	16654.6	16462.6	16096.1	15891.0	15533.2
12.5°	17173.8	17152.0	17156.4	17143.3	17056.0	16837.9	16720.1	16475.7	16240.1	15969.6	15559.4
10°	17483.6	17252.4	17269.8	17330.9	17191.3	17016.8	16890.2	16624.1	16401.5	16056.8	15651.1
7.5°	17466.2	17348.4	17383.3	17282.9	17326.6	17112.8	16938.2	16672.1	16392.8	16026.3	15659.8
5°	17570.9	17392.0	17361.5	17370.2	17261.1	17099.7	16864.0	16611.0	16349.2	15939.0	15563.8
2.5°	17330.9	17357.1	17217.5	17165.1	17152.0	16881.5	16663.3	16419.0	16148.5	15786.3	15450.3
0°	17152.0	17200.0	17056.0	16981.9	16977.5	16746.2	16606.6	16327.4	16135.4	15834.3	15428.5
-2.5°	17056.0	17112.8	17130.2	16994.9	16864.0	16685.2	16449.5	16148.5	15834.3	15485.3	15136.2
-5°	17064.8	16951.3	16903.3	16946.9	16833.5	16654.6	16392.8	16126.7	15816.9	15441.6	15005.3
-7.5°	16720.1	16606.6	16597.9	16576.1	16549.9	16379.7	16161.6	15873.6	15559.4	15210.4	14804.6
-10°	16205.2	16122.3	16100.5	16078.7	16008.8	15908.5	15703.4	15441.6	15158.0	14808.9	14377.0
-12.5°	15633.6	15594.3	15511.4	15454.7	15384.9	15267.1	15070.7	14830.8	14547.1	14237.4	13866.5
-15°	15000.9	14926.8	14843.9	14795.9	14695.5	14555.9	14359.5	14137.0	13827.2	13521.8	13172.7
-17.5°	14237.4	14145.7	14054.1	14041.0	13971.2	13757.4	13574.1	13303.6	13033.1	12740.8	12400.4
-20°	13338.5	13212.0	13150.9	13116.0	13020.0	12862.9	12666.6	12417.9	12156.1	11876.8	11484.1



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	12343.7	12234.6	12129.9	12064.4	11981.5	11859.4	11671.8	11453.6	11196.2	10882.0	10519.8
-25°	11213.6	11060.9	10995.4	10921.3	10877.6	10764.2	10580.9	10380.2	10114.1	9808.6	9463.9
-27.5°	9922.1	9799.9	9765.0	9660.3	9607.9	9490.1	9337.4	9149.8	8905.4	8617.5	8333.8
-30°	8495.3	8421.1	8364.4	8259.7	8220.4	8093.9	7993.5	7836.4	7613.9	7408.8	7181.9
-32.5°	7029.2	6955.1	6937.6	6889.6	6863.4	6780.5	6667.1	6553.6	6374.7	6222.0	6038.8
-35°	5729.0	5676.6	5681.0	5676.6	5650.4	5589.4	5449.7	5419.2	5288.3	5148.7	5030.9
-37.5°	4690.5	4694.9	4690.5	4686.2	4651.2	4625.1	4524.7	4485.4	4406.9	4271.6	4201.8
-40°	3909.5	3918.2	3913.9	3905.1	3865.9	3852.8	3787.3	3735.0	3704.4	3608.4	3534.3
-42.5°	3276.8	3289.9	3285.5	3281.2	3255.0	3250.6	3215.7	3154.6	3137.2	3080.5	3001.9
-45°	2796.9	2792.5	2783.8	2792.5	2779.4	2766.3	2744.5	2705.2	2683.4	2657.2	2591.8
-47.5°	2417.3	2421.6	2412.9	2412.9	2395.4	2382.3	2373.6	2347.4	2330.0	2308.2	2268.9
-50°	2103.1	2120.6	2116.2	2111.8	2098.7	2090.0	2090.0	2063.8	2037.6	2028.9	2002.7
-52.5°	1858.8	1871.8	1876.2	1884.9	1889.3	1893.7	1880.6	1854.4	1810.8	1806.4	1793.3
-55°	1636.2	1675.5	1701.7	1719.1	1736.6	1749.7	1723.5	1688.6	1645.0	1627.5	1623.1
-57.5°	1483.5	1522.8	1553.3	1579.5	1601.3	1623.1	1597.0	1562.1	1522.8	1501.0	1496.6
-60°	1343.9	1378.8	1409.3	1444.2	1474.8	1509.7	1496.6	1470.4	1448.6	1431.2	1413.7
-62.5°	1195.5	1230.4	1265.3	1309.0	1348.3	1383.2	1387.5	1383.2	1378.8	1383.2	1352.6
-65°	1073.4	1090.8	1112.6	1160.6	1204.3	1243.5	1265.3	1278.4	1300.3	1322.1	1291.5
-67.5°	942.5	964.3	990.5	1025.4	1060.3	1086.5	1117.0	1151.9	1186.8	1221.7	1199.9
-70°	824.7	842.1	863.9	881.4	903.2	920.7	946.8	986.1	1025.4	1060.3	1051.5
-72.5°	702.5	719.9	733.0	741.8	754.8	763.6	776.7	811.6	837.7	855.2	855.2
-75°	580.3	597.8	610.9	615.2	623.9	628.3	637.0	650.1	663.2	667.6	671.9
-77.5°	445.1	462.5	475.6	484.3	493.0	501.8	506.1	514.9	519.2	519.2	523.6
-80°	331.6	344.7	353.4	366.5	370.9	379.6	388.3	392.7	397.1	397.1	401.4
-82.5°	235.6	244.3	253.1	261.8	270.5	274.9	283.6	288.0	292.3	296.7	301.1
-85°	157.1	165.8	174.5	183.3	187.6	192.0	196.3	200.7	205.1	209.4	213.8
-87.5°	91.6	96.0	100.4	109.1	113.4	122.2	126.5	122.2	126.5	126.5	126.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	170.2	170.2	170.2	170.2	165.8	157.1	152.7	144.0	135.3	126.5	117.8
85°	353.4	357.8	357.8	357.8	349.1	344.7	331.6	318.5	301.1	274.9	253.1
82.5°	589.0	593.4	593.4	589.0	580.3	567.2	549.8	528.0	493.0	458.1	427.6
80°	885.7	890.1	890.1	885.7	863.9	842.1	820.3	794.1	750.5	702.5	650.1
77.5°	1239.2	1247.9	1247.9	1234.8	1204.3	1178.1	1143.2	1099.5	1034.1	964.3	894.5
75°	1649.3	1671.1	1675.5	1662.4	1623.1	1575.1	1518.4	1444.2	1343.9	1256.6	1173.7
72.5°	2124.9	2146.7	2164.2	2146.7	2090.0	2024.6	1941.7	1854.4	1754.0	1636.2	1496.6
70°	2748.9	2770.7	2783.8	2727.0	2626.7	2517.6	2417.3	2316.9	2199.1	2055.1	1902.4
67.5°	3534.3	3512.4	3486.3	3372.8	3246.3	3115.4	2975.8	2827.4	2674.7	2522.0	2343.1
65°	4289.1	4228.0	4171.3	4036.0	3874.6	3704.4	3543.0	3377.2	3193.9	3001.9	2831.8
62.5°	5083.2	4952.3	4812.7	4646.9	4481.1	4293.5	4132.0	3935.7	3730.6	3495.0	3276.8
60°	5864.2	5707.2	5567.5	5362.5	5144.3	4891.2	4716.7	4524.7	4284.7	4031.7	3774.2
57.5°	6619.1	6448.9	6296.2	6117.3	5881.7	5606.8	5414.8	5166.1	4913.0	4594.5	4332.7
55°	7421.9	7251.8	7129.6	6928.9	6671.4	6418.4	6208.9	5947.1	5593.7	5253.4	4930.5
52.5°	8342.6	8207.3	8076.4	7871.3	7561.6	7304.1	7072.9	6780.5	6409.6	5990.8	5602.4
50°	9372.3	9302.5	9162.9	8922.9	8569.5	8342.6	8037.1	7648.8	7251.8	6811.1	6326.7
47.5°	10738.0	10624.6	10428.2	10166.4	9869.7	9529.4	9119.2	8665.5	8102.6	7613.9	7099.0
45°	12369.9	12160.4	11907.4	11553.9	11187.4	10803.5	10354.0	9778.1	9023.2	8386.2	7845.2
42.5°	14137.0	13853.4	13508.7	13046.2	12570.6	12099.4	11615.0	10829.6	9887.2	9154.1	8543.3
40°	15982.7	15620.5	15188.6	14516.6	13988.7	13382.2	12828.0	11654.3	10650.7	9856.6	9206.5
37.5°	17789.1	17330.9	16606.6	15790.7	15175.5	14678.0	13460.7	12204.1	11305.2	10432.6	9773.7
35°	19172.2	18783.9	17505.4	16659.0	16131.0	15345.6	13822.8	12535.7	11584.5	10860.2	9834.8
32.5°	19992.5	18989.0	17867.6	17012.4	16576.1	15288.9	13849.0	12631.7	11715.4	10903.8	9677.7
30°	19809.3	18596.3	17614.5	16899.0	15952.1	14795.9	13604.7	12483.3	11593.2	10611.5	9503.2
27.5°	18705.3	17767.2	16890.2	16144.1	15214.7	14176.3	13076.7	12090.6	11261.6	10310.4	9263.2
25°	17457.5	16606.6	15956.5	15306.4	14425.0	13434.5	12465.9	11754.7	10921.3	9983.2	8949.1
22.5°	16309.9	15699.1	15188.6	14507.9	13648.3	12784.4	12182.3	11444.9	10589.7	9638.5	8626.2
20°	15576.9	15162.4	14577.7	13827.2	13150.9	12609.9	11942.3	11161.3	10279.9	9285.0	8351.3
17.5°	15223.5	14743.5	14093.4	13604.7	13085.5	12492.0	11745.9	10916.9	9978.8	9123.6	8381.8
15°	15040.2	14534.1	14106.5	13626.5	13041.8	12417.9	11588.9	10729.3	9978.8	9189.1	8403.7
12.5°	15079.5	14643.1	14176.3	13652.7	13024.4	12356.8	11606.3	10807.8	10031.2	9237.0	8408.0
10°	15201.6	14743.5	14246.1	13665.8	13033.1	12374.2	11654.3	10855.8	10057.3	9258.9	8399.3
7.5°	15245.3	14747.9	14215.5	13630.9	13011.3	12365.5	11663.0	10868.9	10061.7	9254.5	8373.1
5°	15110.0	14660.6	14145.7	13556.7	12950.2	12321.9	11628.1	10851.5	10026.8	9210.9	8307.7
2.5°	14926.8	14564.6	14071.6	13504.3	12889.1	12260.8	11571.4	10772.9	9948.3	9132.3	8224.8
0°	14896.2	14446.8	13949.4	13443.2	12788.8	12125.5	11440.5	10624.6	9804.3	8984.0	8080.8
-2.5°	14695.5	14219.9	13722.5	13172.7	12596.8	11929.2	11209.2	10410.8	9599.2	8792.0	7923.7
-5°	14542.8	14014.8	13486.9	12893.5	12313.2	11645.6	10899.5	10122.8	9328.7	8543.3	7705.5
-7.5°	14337.7	13796.7	13242.5	12622.9	11994.6	11314.0	10576.6	9799.9	9018.9	8237.9	7435.0
-10°	13923.2	13447.6	12928.4	12287.0	11623.8	10943.1	10210.1	9446.5	8665.5	7875.7	7068.5
-12.5°	13421.4	12919.6	12352.4	11763.4	11170.0	10537.3	9804.3	9053.8	8268.4	7474.3	6671.4
-15°	12771.3	12278.2	11697.9	11122.0	10550.4	9943.9	9298.1	8621.8	7823.3	7042.3	6239.5
-17.5°	11959.7	11497.2	10978.0	10428.2	9861.0	9250.1	8621.8	8050.2	7304.1	6571.1	5777.0
-20°	11087.1	10655.1	10188.2	9669.0	9101.8	8504.0	7910.6	7312.8	6667.1	6021.3	5283.9



REPORT NUMBER: P722335

CATALOG NUMBER: IFLD-L-SA8D-940-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	10179.5	9743.2	9272.0	8787.6	8264.0	7709.9	7160.1	6588.5	6021.3	5436.6	4812.7
-25°	9132.3	8748.4	8316.4	7845.2	7378.3	6894.0	6370.4	5851.1	5366.8	4860.7	4350.2
-27.5°	8037.1	7683.7	7291.0	6880.9	6479.5	6073.7	5619.9	5139.9	4738.5	4319.6	3896.4
-30°	6885.2	6601.6	6283.1	5925.3	5615.5	5288.3	4908.7	4511.6	4145.1	3826.6	3486.3
-32.5°	5794.4	5554.4	5327.6	5091.9	4786.5	4533.4	4271.6	3979.3	3656.4	3355.4	3111.0
-35°	4856.3	4598.9	4502.9	4328.4	4110.2	3887.7	3695.7	3486.3	3241.9	2975.8	2775.0
-37.5°	4066.6	3913.9	3778.6	3682.6	3538.6	3359.7	3207.0	3054.3	2866.7	2666.0	2465.2
-40°	3451.3	3346.6	3198.3	3150.3	3058.7	2936.5	2779.4	2661.6	2535.1	2382.3	2212.2
-42.5°	2958.3	2879.8	2783.8	2700.9	2661.6	2574.3	2452.2	2338.7	2238.4	2133.6	2002.7
-45°	2552.5	2500.2	2439.1	2364.9	2334.4	2264.5	2177.3	2050.7	1994.0	1906.7	1810.8
-47.5°	2225.3	2199.1	2155.5	2107.5	2063.8	2011.5	1932.9	1854.4	1775.9	1719.1	1645.0
-50°	1967.8	1950.4	1924.2	1884.9	1828.2	1793.3	1740.9	1671.1	1597.0	1549.0	1496.6
-52.5°	1762.8	1745.3	1727.9	1697.3	1653.7	1618.8	1575.1	1518.4	1457.3	1409.3	1365.7
-55°	1605.7	1579.5	1566.4	1540.2	1505.3	1466.1	1426.8	1387.5	1335.2	1291.5	1247.9
-57.5°	1483.5	1448.6	1431.2	1409.3	1374.4	1335.2	1304.6	1265.3	1230.4	1182.4	1143.2
-60°	1387.5	1348.3	1313.3	1291.5	1261.0	1221.7	1191.2	1160.6	1125.7	1086.5	1038.5
-62.5°	1309.0	1261.0	1213.0	1186.8	1156.3	1121.4	1090.8	1060.3	1025.4	986.1	942.5
-65°	1234.8	1178.1	1117.0	1090.8	1060.3	1025.4	986.1	964.3	933.7	898.8	855.2
-67.5°	1143.2	1082.1	1029.7	999.2	968.6	938.1	903.2	881.4	850.8	807.2	763.6
-70°	1007.9	968.6	933.7	907.6	881.4	855.2	820.3	785.4	750.5	711.2	671.9
-72.5°	837.7	824.7	820.3	807.2	776.7	746.1	711.2	676.3	645.8	615.2	584.7
-75°	676.3	685.0	693.8	689.4	658.9	628.3	597.8	567.2	545.4	519.2	493.0
-77.5°	536.7	545.4	554.1	554.1	532.3	514.9	493.0	471.2	453.8	432.0	405.8
-80°	414.5	427.6	440.7	449.4	432.0	418.9	401.4	384.0	366.5	349.1	331.6
-82.5°	314.2	327.2	340.3	349.1	336.0	327.2	314.2	301.1	288.0	270.5	257.4
-85°	226.9	235.6	244.3	248.7	240.0	231.3	222.5	213.8	205.1	192.0	183.3
-87.5°	130.9	135.3	139.6	144.0	135.3	126.5	122.2	113.4	109.1	100.4	96.0
-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: P722335
 CATALOG NUMBER: IFLD-L-SA8D-940-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°	109.1	100.4	91.6	87.3	78.5	65.4	56.7	48.0	39.3	30.5	26.2
85°	231.3	209.4	183.3	170.2	152.7	135.3	117.8	100.4	82.9	65.4	48.0
82.5°	397.1	370.9	344.7	314.2	274.9	226.9	178.9	148.4	122.2	96.0	74.2
80°	597.8	549.8	506.1	466.9	423.2	362.2	296.7	235.6	165.8	126.5	96.0
77.5°	829.0	772.3	711.2	645.8	576.0	493.0	418.9	340.3	257.4	174.5	122.2
75°	1090.8	1016.6	933.7	842.1	750.5	641.4	536.7	445.1	349.1	244.3	148.4
72.5°	1383.2	1291.5	1191.2	1069.0	925.0	798.5	671.9	549.8	436.3	309.8	200.7
70°	1758.4	1614.4	1466.1	1335.2	1151.9	951.2	802.8	663.2	519.2	379.6	253.1
67.5°	2159.8	1985.3	1806.4	1614.4	1383.2	1147.5	933.7	776.7	606.5	445.1	301.1
65°	2596.1	2378.0	2151.1	1937.3	1618.8	1339.5	1099.5	885.7	689.4	506.1	349.1
62.5°	3045.6	2788.1	2526.3	2247.1	1880.6	1535.9	1256.6	1007.9	767.9	562.9	392.7
60°	3525.5	3224.5	2905.9	2556.9	2129.3	1749.7	1405.0	1134.5	850.8	619.6	440.7
57.5°	4031.7	3704.4	3329.2	2857.9	2386.7	1954.7	1575.1	1247.9	925.0	671.9	475.6
55°	4581.4	4206.2	3796.0	3172.1	2639.8	2159.8	1745.3	1361.3	1003.6	715.6	510.5
52.5°	5174.8	4738.5	4219.3	3503.7	2905.9	2369.3	1902.4	1461.7	1077.7	763.6	541.0
50°	5838.1	5288.3	4590.2	3809.1	3137.2	2565.6	2059.5	1570.8	1138.8	815.9	567.2
47.5°	6527.5	5934.1	4921.8	4092.7	3372.8	2757.6	2220.9	1666.8	1199.9	859.6	593.4
45°	7247.4	6383.5	5266.5	4345.8	3577.9	2932.1	2343.1	1754.0	1274.1	898.8	615.2
42.5°	7958.6	6723.8	5567.5	4598.9	3769.9	3089.2	2443.4	1836.9	1335.2	938.1	637.0
40°	8294.6	6981.2	5807.5	4773.4	3931.3	3228.8	2530.7	1911.1	1387.5	964.3	658.9
37.5°	8434.2	7138.3	5964.6	4939.2	4057.8	3303.0	2604.9	1976.6	1431.2	990.5	676.3
35°	8464.7	7195.0	6043.1	5052.7	4162.6	3372.8	2661.6	2024.6	1466.1	1016.6	693.8
32.5°	8408.0	7177.6	6064.9	5091.9	4228.0	3425.2	2700.9	2059.5	1492.2	1042.8	711.2
30°	8281.5	7086.0	5986.4	5087.6	4276.0	3455.7	2727.0	2085.6	1518.4	1060.3	719.9
27.5°	8076.4	6924.5	5886.1	5091.9	4302.2	3468.8	2740.1	2098.7	1535.9	1073.4	737.4
25°	7823.3	6706.3	5890.4	5083.2	4306.5	3473.2	2740.1	2098.7	1540.2	1077.7	750.5
22.5°	7531.0	6706.3	5890.4	5070.1	4280.4	3464.4	2727.0	2090.0	1540.2	1086.5	763.6
20°	7548.5	6710.7	5877.3	5043.9	4241.1	3438.3	2696.5	2068.2	1527.1	1099.5	772.3
17.5°	7561.6	6702.0	5851.1	5009.0	4188.7	3394.6	2657.2	2037.6	1527.1	1112.6	776.7
15°	7561.6	6675.8	5811.9	4956.7	4123.3	3333.5	2600.5	2011.5	1531.5	1117.0	785.4
12.5°	7548.5	6627.8	5750.8	4886.9	4044.8	3259.4	2565.6	2002.7	1531.5	1121.4	785.4
10°	7522.3	6562.4	5672.3	4799.6	3970.6	3233.2	2548.2	1985.3	1522.8	1121.4	785.4
7.5°	7474.3	6483.8	5606.8	4747.2	3926.9	3202.6	2522.0	1959.1	1509.7	1112.6	794.1
5°	7400.1	6440.2	5554.4	4686.2	3865.9	3180.8	2504.5	1937.3	1501.0	1112.6	785.4
2.5°	7304.1	6387.8	5493.4	4607.6	3796.0	3106.6	2447.8	1889.3	1470.4	1095.2	776.7
0°	7147.0	6283.1	5388.6	4498.5	3700.1	3032.5	2391.1	1841.3	1439.9	1077.7	767.9
-2.5°	7003.1	6143.5	5253.4	4385.1	3608.4	2967.0	2347.4	1815.1	1426.8	1073.4	763.6
-5°	6802.3	5951.5	5074.5	4236.7	3486.3	2901.6	2303.8	1784.6	1413.7	1064.6	763.6
-7.5°	6579.8	5750.8	4886.9	4084.0	3364.1	2788.1	2220.9	1736.6	1383.2	1047.2	759.2
-10°	6235.1	5449.7	4651.2	3909.5	3233.2	2687.8	2151.1	1692.9	1357.0	1029.7	741.8
-12.5°	5868.6	5118.1	4380.7	3695.7	3084.8	2583.1	2072.6	1645.0	1326.4	1012.3	733.0
-15°	5480.3	4777.8	4097.1	3473.2	2923.4	2456.5	1989.7	1592.6	1295.9	990.5	719.9
-17.5°	5074.5	4420.0	3804.8	3246.3	2762.0	2325.6	1902.4	1544.6	1261.0	968.6	706.9
-20°	4646.9	4053.5	3508.1	3015.0	2591.8	2194.7	1810.8	1487.9	1221.7	942.5	689.4



REPORT NUMBER: P722335

CATALOG NUMBER: IFLD-L-SA8D-940-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4223.6	3691.3	3202.6	2788.1	2417.3	2059.5	1719.1	1431.2	1178.1	911.9	676.3
-25°	3848.4	3351.0	2932.1	2570.0	2247.1	1928.6	1623.1	1374.4	1130.1	881.4	658.9
-27.5°	3481.9	3058.7	2666.0	2364.9	2081.3	1802.0	1531.5	1313.3	1082.1	846.5	641.4
-30°	3141.6	2779.4	2456.5	2164.2	1924.2	1688.6	1453.0	1252.3	1029.7	811.6	619.6
-32.5°	2831.8	2539.4	2268.9	1989.7	1775.9	1575.1	1378.8	1191.2	977.4	776.7	597.8
-35°	2543.8	2316.9	2081.3	1845.7	1627.5	1470.4	1300.3	1125.7	929.4	737.4	576.0
-37.5°	2286.4	2103.1	1915.5	1714.8	1527.1	1370.1	1226.1	1060.3	881.4	702.5	554.1
-40°	2063.8	1915.5	1749.7	1588.2	1431.2	1282.8	1151.9	994.8	833.4	676.3	532.3
-42.5°	1858.8	1745.3	1610.0	1474.8	1335.2	1204.3	1077.7	925.0	785.4	645.8	510.5
-45°	1701.7	1588.2	1479.1	1357.0	1239.2	1125.7	999.2	863.9	741.8	610.9	488.7
-47.5°	1553.3	1453.0	1352.6	1252.3	1156.3	1051.5	925.0	811.6	693.8	580.3	471.2
-50°	1422.4	1326.4	1239.2	1151.9	1069.0	968.6	850.8	759.2	654.5	549.8	449.4
-52.5°	1300.3	1217.4	1130.1	1060.3	990.5	890.1	794.1	706.9	615.2	514.9	427.6
-55°	1191.2	1112.6	1034.1	968.6	903.2	815.9	737.4	663.2	576.0	488.7	405.8
-57.5°	1086.5	1021.0	946.8	885.7	820.3	750.5	685.0	615.2	536.7	462.5	384.0
-60°	990.5	929.4	863.9	802.8	746.1	689.4	628.3	571.6	501.8	432.0	362.2
-62.5°	894.5	842.1	785.4	724.3	680.7	628.3	580.3	523.6	466.9	405.8	322.9
-65°	807.2	759.2	706.9	654.5	615.2	576.0	532.3	480.0	432.0	375.2	288.0
-67.5°	719.9	676.3	632.7	589.0	554.1	523.6	480.0	440.7	401.4	340.3	253.1
-70°	637.0	602.1	562.9	528.0	501.8	466.9	436.3	401.4	366.5	296.7	213.8
-72.5°	558.5	523.6	493.0	466.9	445.1	414.5	388.3	362.2	314.2	248.7	178.9
-75°	466.9	445.1	427.6	405.8	384.0	362.2	340.3	309.8	261.8	200.7	139.6
-77.5°	384.0	370.9	357.8	340.3	322.9	305.4	279.2	248.7	209.4	157.1	113.4
-80°	314.2	301.1	292.3	274.9	261.8	244.3	218.2	192.0	152.7	122.2	91.6
-82.5°	240.0	231.3	222.5	213.8	200.7	183.3	157.1	135.3	113.4	91.6	69.8
-85°	170.2	165.8	157.1	148.4	135.3	122.2	104.7	91.6	78.5	61.1	48.0
-87.5°	87.3	82.9	78.5	74.2	69.8	61.1	52.4	43.6	39.3	30.5	21.8
-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: P722335
 CATALOG NUMBER: IFLD-L-SA8D-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	17.5	13.1	4.4	0.0
85°	34.9	21.8	8.7	0.0
82.5°	52.4	34.9	13.1	0.0
80°	69.8	43.6	21.8	0.0
77.5°	87.3	52.4	26.2	0.0
75°	104.7	65.4	30.5	0.0
72.5°	117.8	74.2	34.9	0.0
70°	139.6	87.3	39.3	0.0
67.5°	174.5	96.0	43.6	0.0
65°	205.1	104.7	48.0	0.0
62.5°	240.0	113.4	52.4	0.0
60°	270.5	122.2	56.7	0.0
57.5°	301.1	144.0	61.1	0.0
55°	327.2	161.4	65.4	0.0
52.5°	357.8	178.9	69.8	0.0
50°	384.0	196.3	74.2	0.0
47.5°	405.8	213.8	74.2	0.0
45°	423.2	226.9	78.5	0.0
42.5°	436.3	240.0	82.9	0.0
40°	449.4	253.1	87.3	0.0
37.5°	462.5	266.2	87.3	0.0
35°	475.6	279.2	91.6	0.0
32.5°	488.7	292.3	91.6	0.0
30°	497.4	301.1	96.0	0.0
27.5°	510.5	309.8	96.0	0.0
25°	514.9	318.5	100.4	0.0
22.5°	523.6	322.9	100.4	0.0
20°	532.3	331.6	100.4	0.0
17.5°	536.7	336.0	104.7	0.0
15°	536.7	340.3	109.1	0.0
12.5°	541.0	344.7	109.1	0.0
10°	541.0	353.4	104.7	0.0
7.5°	549.8	349.1	104.7	0.0
5°	545.4	349.1	104.7	0.0
2.5°	541.0	344.7	104.7	0.0
0°	536.7	344.7	104.7	0.0
-2.5°	536.7	344.7	104.7	0.0
-5°	536.7	344.7	104.7	0.0
-7.5°	532.3	349.1	104.7	0.0
-10°	523.6	349.1	104.7	0.0
-12.5°	519.2	336.0	104.7	0.0
-15°	514.9	331.6	104.7	0.0
-17.5°	506.1	327.2	100.4	0.0
-20°	497.4	322.9	100.4	0.0



REPORT NUMBER: P722335
 CATALOG NUMBER: IFLD-L-SA8D-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	488.7	314.2	100.4	0.0
-25°	480.0	305.4	96.0	0.0
-27.5°	471.2	296.7	96.0	0.0
-30°	458.1	288.0	91.6	0.0
-32.5°	445.1	279.2	91.6	0.0
-35°	436.3	266.2	87.3	0.0
-37.5°	423.2	253.1	87.3	0.0
-40°	410.1	240.0	82.9	0.0
-42.5°	397.1	226.9	78.5	0.0
-45°	379.6	213.8	78.5	0.0
-47.5°	366.5	200.7	74.2	0.0
-50°	344.7	183.3	69.8	0.0
-52.5°	318.5	165.8	65.4	0.0
-55°	292.3	152.7	61.1	0.0
-57.5°	266.2	135.3	61.1	0.0
-60°	240.0	117.8	56.7	0.0
-62.5°	213.8	109.1	52.4	0.0
-65°	187.6	100.4	48.0	0.0
-67.5°	157.1	87.3	43.6	0.0
-70°	130.9	78.5	39.3	0.0
-72.5°	113.4	69.8	34.9	0.0
-75°	96.0	61.1	30.5	0.0
-77.5°	82.9	52.4	26.2	0.0
-80°	65.4	39.3	17.5	0.0
-82.5°	48.0	30.5	13.1	0.0
-85°	30.5	21.8	8.7	0.0
-87.5°	17.5	8.7	4.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)