

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: P722305

Luminaire Tested: **IFLD-L-SA8C-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722305
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

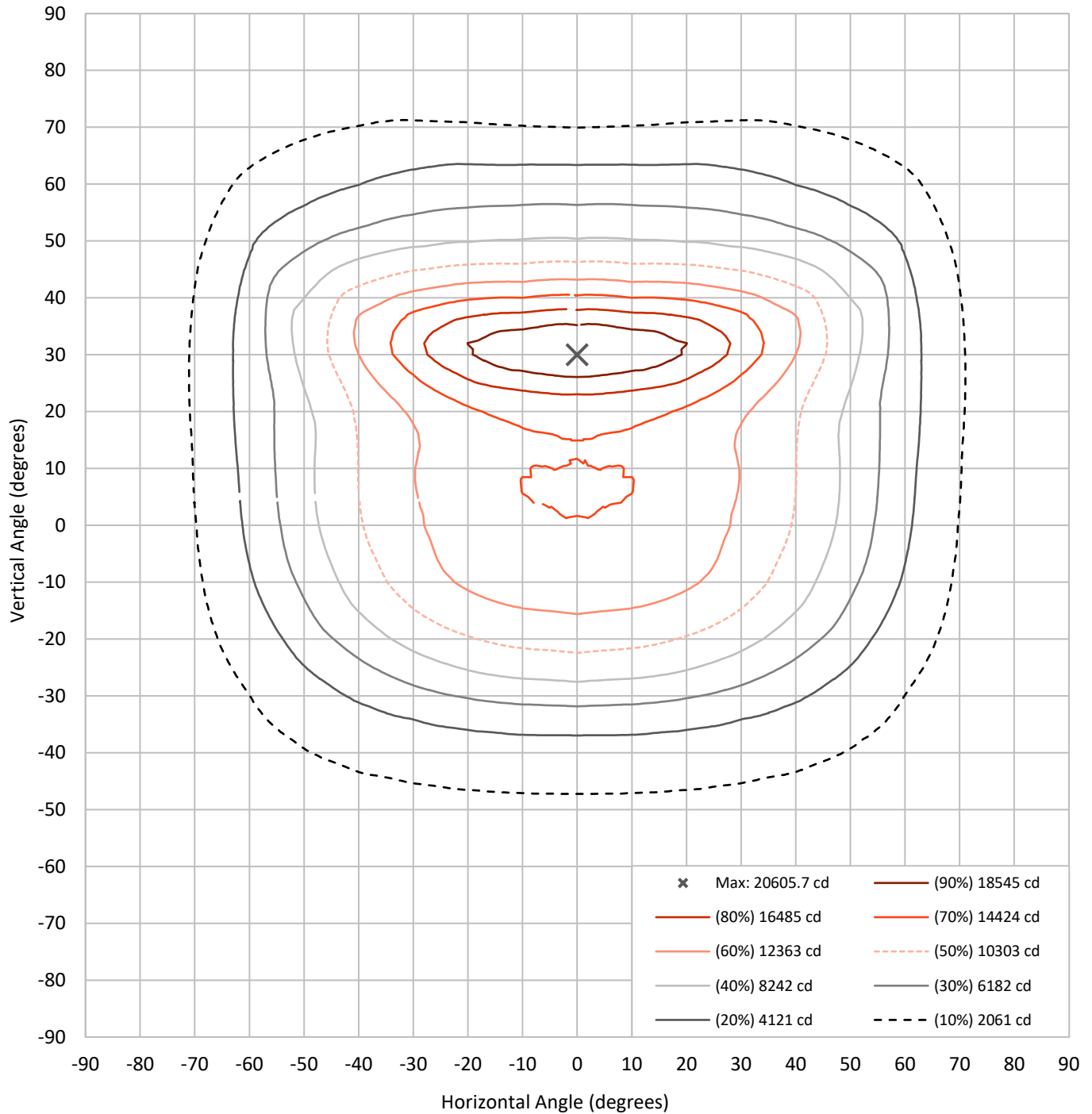
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 34396.1 lumens	Max Intensity: 20605.7 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 81.8 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 20001.7 lumens	Field Lumens: 32233.6 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 420.3
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



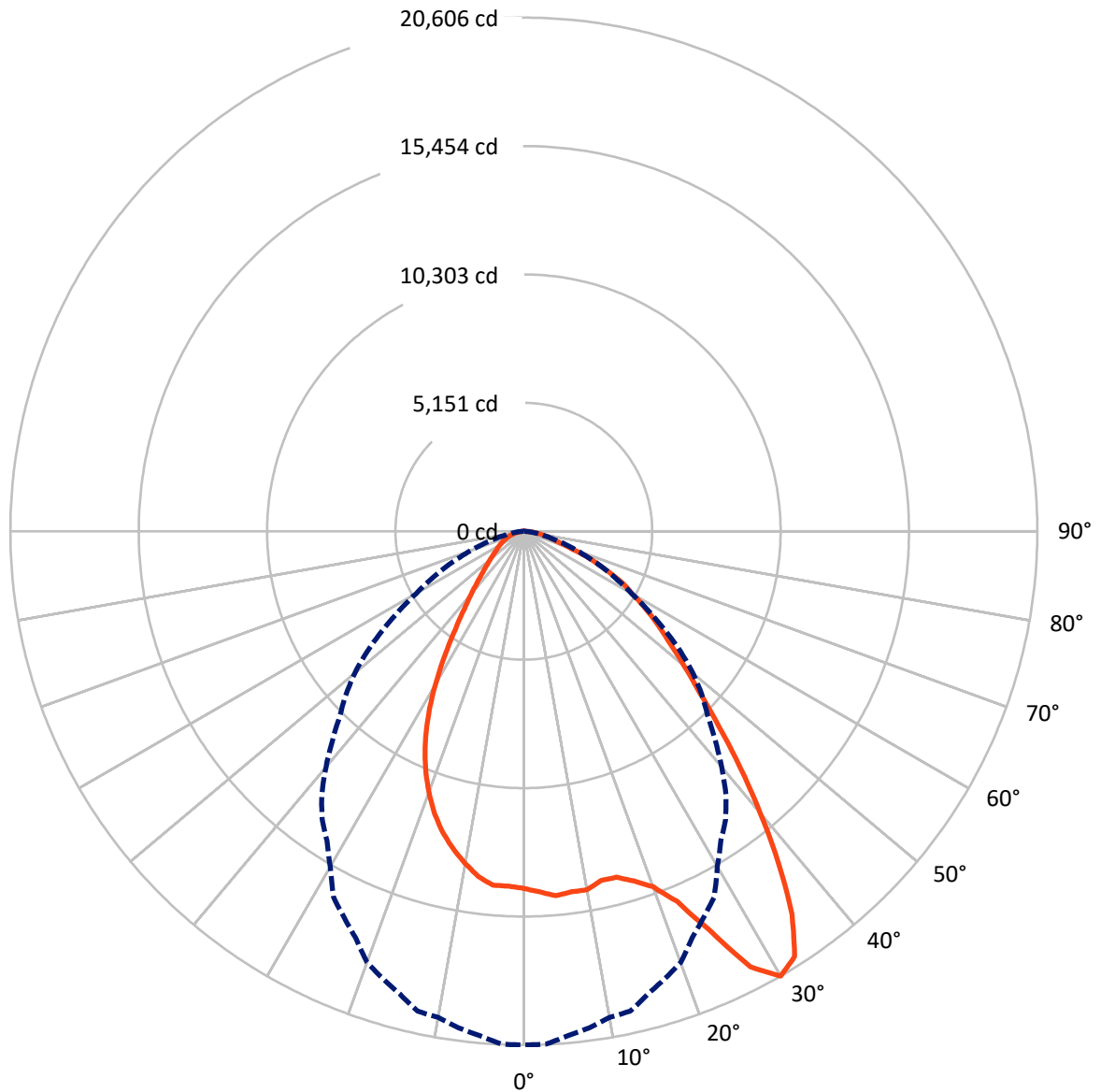
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Iso-Candela Plot



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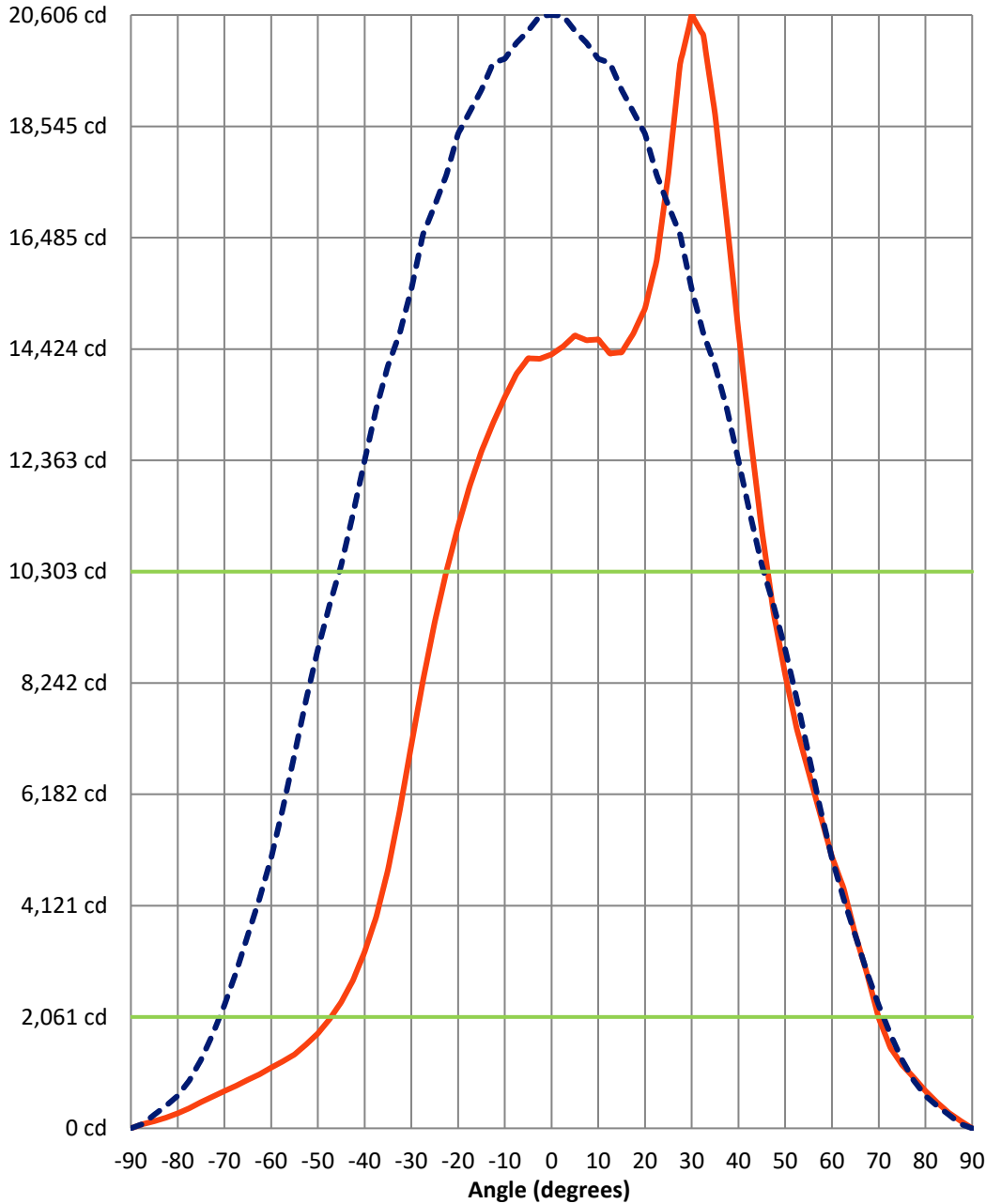
Luminous Intensity Polar Plot



— 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: 20001.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 32233.6
 Efficiency: 93.7%

Spill:
 Lumens: 2162.5
 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°	138.5	142.1	145.8	145.8	142.1	142.1	142.1	138.5	142.1	142.1	142.1
85°	287.9	295.1	302.4	298.8	295.1	287.9	280.6	284.2	287.9	291.5	291.5
82.5°	477.3	488.3	495.6	491.9	484.6	477.3	470.1	473.7	481.0	484.6	484.6
80°	692.3	696.0	699.6	706.9	696.0	696.0	692.3	706.9	714.2	721.5	728.8
77.5°	940.1	943.7	943.7	947.4	951.0	954.7	954.7	980.2	998.4	1009.3	1020.3
75°	1173.3	1184.2	1195.2	1206.1	1220.7	1228.0	1238.9	1275.3	1304.5	1326.3	1348.2
72.5°	1494.0	1508.5	1526.8	1552.3	1577.8	1596.0	1621.5	1665.2	1698.0	1719.9	1745.4
70°	2044.2	2058.7	2077.0	2095.2	2120.7	2138.9	2164.4	2219.1	2251.9	2266.4	2281.0
67.5°	2860.4	2896.8	2929.6	2893.2	2875.0	2849.5	2856.7	2907.8	2940.6	2962.4	2958.8
65°	3585.5	3611.0	3611.0	3607.4	3592.8	3560.0	3578.2	3640.2	3676.6	3694.8	3640.2
62.5°	4438.2	4438.2	4419.9	4449.1	4452.7	4430.9	4419.9	4423.6	4427.2	4438.2	4347.1
60°	5028.5	5064.9	5075.8	5101.3	5108.6	5108.6	5126.8	5141.4	5141.4	5119.5	5013.9
57.5°	5808.2	5877.5	5892.0	5873.8	5837.4	5790.0	5782.7	5760.9	5717.1	5673.4	5622.4
55°	6595.3	6631.7	6628.1	6617.1	6580.7	6526.1	6533.3	6504.2	6435.0	6380.3	6311.1
52.5°	7386.0	7473.4	7488.0	7466.2	7415.1	7356.8	7360.5	7327.7	7258.5	7200.2	7105.4
50°	8395.3	8468.2	8460.9	8424.5	8351.6	8307.9	8311.5	8249.6	8169.4	8151.2	8027.3
47.5°	9550.4	9634.2	9619.6	9568.6	9470.2	9452.0	9470.2	9390.1	9342.7	9302.6	9156.9
45°	11066.2	11164.6	11110.0	11011.6	10854.9	10873.1	10898.6	10884.0	10782.0	10676.3	10490.5
42.5°	12844.4	12906.4	12840.8	12742.4	12545.6	12582.1	12567.5	12480.0	12418.1	12243.2	12006.3
40°	14746.5	14881.3	14779.3	14626.2	14422.2	14476.8	14436.8	14323.8	14178.0	13959.4	13660.6
37.5°	16797.9	16903.6	16787.0	16608.5	16426.3	16408.1	16327.9	16153.0	15945.3	15704.8	15227.5
35°	18762.0	19035.2	18820.3	18536.0	18313.8	18230.0	18153.4	17749.0	17512.1	17122.2	16470.0
32.5°	20223.1	20423.5	20157.5	19862.4	19592.7	19476.1	19206.5	18725.5	18598.0	17778.1	17180.5
30°	20605.7	20591.1	20314.2	20088.3	19796.8	19716.6	19221.1	18813.0	18404.9	17646.9	17078.5
27.5°	19694.8	19603.7	19337.7	19140.9	18853.0	18758.3	18270.0	18051.4	17421.0	16779.7	16298.7
25°	17665.2	17712.5	17512.1	17413.7	17224.3	17020.2	16827.1	16531.9	16138.4	15577.3	15136.4
22.5°	16065.5	16127.5	16043.7	15927.1	15781.3	15668.4	15522.6	15293.0	14914.1	14567.9	14152.5
20°	15176.4	15158.2	15085.4	14997.9	14859.4	14779.3	14618.9	14425.8	14134.3	13835.5	13387.3
17.5°	14710.0	14597.1	14527.9	14495.1	14422.2	14320.2	14130.7	13933.9	13708.0	13369.1	13041.2
15°	14363.9	14382.1	14327.4	14301.9	14243.6	14101.5	13908.4	13748.1	13442.0	13270.7	12971.9
12.5°	14342.0	14323.8	14327.4	14316.5	14243.6	14061.4	13963.1	13759.0	13562.2	13336.3	12993.8
10°	14600.7	14407.6	14422.2	14473.2	14356.6	14210.8	14105.2	13882.9	13697.1	13409.2	13070.3
7.5°	14586.2	14487.8	14516.9	14433.1	14469.5	14291.0	14145.3	13923.0	13689.8	13383.7	13077.6
5°	14673.6	14524.2	14498.7	14506.0	14414.9	14280.1	14083.3	13872.0	13653.3	13310.8	12997.5
2.5°	14473.2	14495.1	14378.5	14334.7	14323.8	14097.9	13915.7	13711.6	13485.7	13183.3	12902.7
0°	14323.8	14363.9	14243.6	14181.7	14178.0	13984.9	13868.3	13635.1	13474.8	13223.4	12884.5
-2.5°	14243.6	14291.0	14305.6	14192.6	14083.3	13933.9	13737.1	13485.7	13223.4	12931.9	12640.4
-5°	14250.9	14156.2	14116.1	14152.5	14057.8	13908.4	13689.8	13467.5	13208.8	12895.4	12531.0
-7.5°	13963.1	13868.3	13861.0	13842.8	13821.0	13678.8	13496.7	13256.2	12993.8	12702.3	12363.4
-10°	13533.1	13463.9	13445.6	13427.4	13369.1	13285.3	13114.1	12895.4	12658.6	12367.1	12006.3
-12.5°	13055.8	13023.0	12953.7	12906.4	12848.1	12749.7	12585.7	12385.3	12148.4	11889.7	11580.0
-15°	12527.4	12465.5	12396.2	12356.1	12272.3	12155.7	11991.8	11805.9	11547.2	11292.2	11000.6
-17.5°	11889.7	11813.2	11736.7	11725.8	11667.5	11488.9	11335.9	11110.0	10884.0	10639.9	10355.7
-20°	11139.1	11033.4	10982.4	10953.3	10873.1	10741.9	10578.0	10370.3	10151.6	9918.4	9590.5



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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°	10308.3	10217.2	10129.8	10075.1	10005.9	9903.9	9747.2	9565.0	9350.0	9087.6	8785.2
-25°	9364.6	9237.0	9182.4	9120.4	9084.0	8989.3	8836.2	8668.6	8446.3	8191.3	7903.4
-27.5°	8286.0	8184.0	8154.8	8067.4	8023.7	7925.3	7797.7	7641.1	7437.0	7196.5	6959.7
-30°	7094.5	7032.5	6985.2	6897.7	6864.9	6759.3	6675.5	6544.3	6358.4	6187.2	5997.7
-32.5°	5870.2	5808.2	5793.6	5753.6	5731.7	5662.5	5567.7	5473.0	5323.6	5196.1	5043.0
-35°	4784.3	4740.6	4744.2	4740.6	4718.7	4667.7	4551.1	4525.6	4416.3	4299.7	4201.3
-37.5°	3917.1	3920.7	3917.1	3913.4	3884.3	3862.4	3778.6	3745.8	3680.2	3567.3	3509.0
-40°	3264.8	3272.1	3268.5	3261.2	3228.4	3217.5	3162.8	3119.1	3093.6	3013.4	2951.5
-42.5°	2736.5	2747.4	2743.8	2740.1	2718.3	2714.6	2685.5	2634.5	2619.9	2572.5	2506.9
-45°	2335.7	2332.0	2324.7	2332.0	2321.1	2310.2	2292.0	2259.2	2240.9	2219.1	2164.4
-47.5°	2018.7	2022.3	2015.0	2015.0	2000.4	1989.5	1982.2	1960.4	1945.8	1927.6	1894.8
-50°	1756.3	1770.9	1767.2	1763.6	1752.7	1745.4	1745.4	1723.5	1701.7	1694.4	1672.5
-52.5°	1552.3	1563.2	1566.8	1574.1	1577.8	1581.4	1570.5	1548.6	1512.2	1508.5	1497.6
-55°	1366.4	1399.2	1421.1	1435.7	1450.2	1461.2	1439.3	1410.2	1373.7	1359.1	1355.5
-57.5°	1238.9	1271.7	1297.2	1319.1	1337.3	1355.5	1333.6	1304.5	1271.7	1253.5	1249.8
-60°	1122.3	1151.4	1176.9	1206.1	1231.6	1260.8	1249.8	1228.0	1209.7	1195.2	1180.6
-62.5°	998.4	1027.6	1056.7	1093.1	1125.9	1155.1	1158.7	1155.1	1151.4	1155.1	1129.6
-65°	896.4	911.0	929.2	969.3	1005.7	1038.5	1056.7	1067.6	1085.9	1104.1	1078.6
-67.5°	787.1	805.3	827.1	856.3	885.4	907.3	932.8	962.0	991.1	1020.3	1002.0
-70°	688.7	703.3	721.5	736.0	754.3	768.8	790.7	823.5	856.3	885.4	878.2
-72.5°	586.7	601.2	612.2	619.4	630.4	637.7	648.6	677.7	699.6	714.2	714.2
-75°	484.6	499.2	510.1	513.8	521.1	524.7	532.0	542.9	553.9	557.5	561.1
-77.5°	371.7	386.2	397.2	404.5	411.7	419.0	422.7	430.0	433.6	433.6	437.3
-80°	276.9	287.9	295.1	306.1	309.7	317.0	324.3	327.9	331.6	331.6	335.2
-82.5°	196.8	204.1	211.3	218.6	225.9	229.6	236.8	240.5	244.1	247.8	251.4
-85°	131.2	138.5	145.8	153.0	156.7	160.3	164.0	167.6	171.3	174.9	178.5
-87.5°	76.5	80.2	83.8	91.1	94.7	102.0	105.7	102.0	105.7	105.7	105.7
-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°	142.1	142.1	142.1	142.1	138.5	131.2	127.5	120.2	113.0	105.7	98.4
85°	295.1	298.8	298.8	298.8	291.5	287.9	276.9	266.0	251.4	229.6	211.3
82.5°	491.9	495.6	495.6	491.9	484.6	473.7	459.1	440.9	411.7	382.6	357.1
80°	739.7	743.3	743.3	739.7	721.5	703.3	685.0	663.2	626.7	586.7	542.9
77.5°	1034.8	1042.1	1042.1	1031.2	1005.7	983.8	954.7	918.2	863.6	805.3	747.0
75°	1377.4	1395.6	1399.2	1388.3	1355.5	1315.4	1268.0	1206.1	1122.3	1049.4	980.2
72.5°	1774.5	1792.8	1807.3	1792.8	1745.4	1690.7	1621.5	1548.6	1464.8	1366.4	1249.8
70°	2295.6	2313.8	2324.7	2277.4	2193.6	2102.5	2018.7	1934.9	1836.5	1716.2	1588.7
67.5°	2951.5	2933.3	2911.4	2816.7	2711.0	2601.7	2485.1	2361.2	2233.7	2106.1	1956.7
65°	3581.9	3530.8	3483.5	3370.5	3235.7	3093.6	2958.8	2820.3	2667.3	2506.9	2364.8
62.5°	4245.0	4135.7	4019.1	3880.7	3742.2	3585.5	3450.7	3286.7	3115.5	2918.7	2736.5
60°	4897.3	4766.1	4649.5	4478.2	4296.0	4084.7	3939.0	3778.6	3578.2	3366.9	3151.9
57.5°	5527.7	5385.5	5258.0	5108.6	4911.8	4682.3	4522.0	4314.3	4102.9	3836.9	3618.3
55°	6198.1	6056.0	5954.0	5786.4	5571.4	5360.0	5185.1	4966.5	4671.4	4387.1	4117.5
52.5°	6967.0	6854.0	6744.7	6573.4	6314.7	6099.7	5906.6	5662.5	5352.7	5002.9	4678.6
50°	7826.9	7768.6	7652.0	7451.6	7156.4	6967.0	6711.9	6387.6	6056.0	5688.0	5283.5
47.5°	8967.4	8872.7	8708.7	8490.1	8242.3	7958.1	7615.6	7236.6	6766.5	6358.4	5928.5
45°	10330.2	10155.3	9943.9	9648.8	9342.7	9022.1	8646.7	8165.8	7535.4	7003.4	6551.6
42.5°	11805.9	11569.1	11281.2	10895.0	10497.8	10104.3	9699.8	9043.9	8256.9	7644.7	7134.6
40°	13347.3	13044.8	12684.1	12122.9	11682.0	11175.5	10712.8	9732.6	8894.5	8231.4	7688.4
37.5°	14855.8	14473.2	13868.3	13186.9	12673.2	12257.8	11241.1	10191.7	9441.1	8712.3	8162.1
35°	16010.9	15686.6	14618.9	13912.0	13471.1	12815.3	11543.6	10468.7	9674.3	9069.4	8213.1
32.5°	16695.9	15857.8	14921.4	14207.2	13842.8	12767.9	11565.4	10548.8	9783.6	9105.9	8082.0
30°	16542.9	15529.9	14710.0	14112.5	13321.8	12356.1	11361.4	10424.9	9681.6	8861.7	7936.2
27.5°	15621.0	14837.6	14105.2	13482.1	12705.9	11838.7	10920.5	10097.0	9404.7	8610.3	7735.8
25°	14578.9	13868.3	13325.4	12782.5	12046.4	11219.3	10410.4	9816.4	9120.4	8337.0	7473.4
22.5°	13620.5	13110.4	12684.1	12115.7	11397.8	10676.3	10173.5	9557.7	8843.5	8049.2	7203.8
20°	13008.4	12662.2	12174.0	11547.2	10982.4	10530.6	9973.1	9320.9	8584.8	7754.0	6974.2
17.5°	12713.2	12312.4	11769.5	11361.4	10927.8	10432.2	9809.1	9116.8	8333.4	7619.2	6999.7
15°	12560.2	12137.5	11780.4	11379.6	10891.3	10370.3	9677.9	8960.1	8333.4	7673.9	7018.0
12.5°	12593.0	12228.6	11838.7	11401.5	10876.8	10319.3	9692.5	9025.7	8377.1	7713.9	7021.6
10°	12695.0	12312.4	11897.0	11412.4	10884.0	10333.8	9732.6	9065.8	8399.0	7732.2	7014.3
7.5°	12731.5	12316.1	11871.5	11383.2	10865.8	10326.5	9739.9	9076.7	8402.6	7728.5	6992.5
5°	12618.5	12243.2	11813.2	11321.3	10814.8	10290.1	9710.7	9062.1	8373.5	7692.1	6937.8
2.5°	12465.5	12163.0	11751.3	11277.6	10763.8	10239.1	9663.4	8996.6	8307.9	7626.5	6868.6
0°	12440.0	12064.6	11649.2	11226.6	10680.0	10126.1	9554.1	8872.7	8187.6	7502.6	6748.3
-2.5°	12272.3	11875.2	11459.8	11000.6	10519.7	9962.2	9360.9	8694.1	8016.4	7342.3	6617.1
-5°	12144.8	11703.9	11263.0	10767.4	10282.8	9725.3	9102.2	8453.6	7790.5	7134.6	6435.0
-7.5°	11973.5	11521.7	11058.9	10541.5	10016.8	9448.4	8832.6	8184.0	7531.7	6879.5	6209.0
-10°	11627.4	11230.2	10796.6	10261.0	9707.1	9138.7	8526.5	7888.8	7236.6	6577.1	5903.0
-12.5°	11208.3	10789.3	10315.6	9823.7	9328.1	8799.8	8187.6	7560.9	6905.0	6241.8	5571.4
-15°	10665.4	10253.7	9769.0	9288.1	8810.7	8304.2	7764.9	7200.2	6533.3	5881.1	5210.6
-17.5°	9987.7	9601.4	9167.8	8708.7	8235.0	7724.9	7200.2	6722.8	6099.7	5487.6	4824.4
-20°	9258.9	8898.2	8508.3	8074.7	7601.0	7101.8	6606.2	6107.0	5567.7	5028.5	4412.6



REPORT NUMBER: P722305
 CATALOG NUMBER: IFLD-L-SA8C-935-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8501.0	8136.6	7743.1	7338.6	6901.4	6438.6	5979.5	5502.1	5028.5	4540.2	4019.1
-25°	7626.5	7305.8	6945.1	6551.6	6161.7	5757.2	5320.0	4886.3	4481.9	4059.2	3632.9
-27.5°	6711.9	6416.7	6088.8	5746.3	5411.1	5072.2	4693.2	4292.4	3957.2	3607.4	3253.9
-30°	5749.9	5513.1	5247.1	4948.3	4689.6	4416.3	4099.3	3767.7	3461.6	3195.6	2911.4
-32.5°	4839.0	4638.6	4449.1	4252.3	3997.3	3785.9	3567.3	3323.2	3053.5	2802.1	2598.0
-35°	4055.6	3840.6	3760.4	3614.7	3432.5	3246.6	3086.3	2911.4	2707.3	2485.1	2317.5
-37.5°	3396.0	3268.5	3155.5	3075.4	2955.1	2805.7	2678.2	2550.7	2394.0	2226.4	2058.7
-40°	2882.2	2794.8	2670.9	2630.8	2554.3	2452.3	2321.1	2222.7	2117.1	1989.5	1847.4
-42.5°	2470.5	2404.9	2324.7	2255.5	2222.7	2149.8	2047.8	1953.1	1869.3	1781.8	1672.5
-45°	2131.6	2087.9	2036.9	1974.9	1949.4	1891.1	1818.3	1712.6	1665.2	1592.3	1512.2
-47.5°	1858.3	1836.5	1800.0	1760.0	1723.5	1679.8	1614.2	1548.6	1483.0	1435.7	1373.7
-50°	1643.4	1628.8	1606.9	1574.1	1526.8	1497.6	1453.9	1395.6	1333.6	1293.6	1249.8
-52.5°	1472.1	1457.5	1442.9	1417.4	1381.0	1351.9	1315.4	1268.0	1217.0	1176.9	1140.5
-55°	1340.9	1319.1	1308.1	1286.3	1257.1	1224.3	1191.5	1158.7	1115.0	1078.6	1042.1
-57.5°	1238.9	1209.7	1195.2	1176.9	1147.8	1115.0	1089.5	1056.7	1027.6	987.5	954.7
-60°	1158.7	1125.9	1096.8	1078.6	1053.1	1020.3	994.8	969.3	940.1	907.3	867.2
-62.5°	1093.1	1053.1	1013.0	991.1	965.6	936.5	911.0	885.4	856.3	823.5	787.1
-65°	1031.2	983.8	932.8	911.0	885.4	856.3	823.5	805.3	779.8	750.6	714.2
-67.5°	954.7	903.7	859.9	834.4	808.9	783.4	754.3	736.0	710.5	674.1	637.7
-70°	841.7	808.9	779.8	757.9	736.0	714.2	685.0	655.9	626.7	593.9	561.1
-72.5°	699.6	688.7	685.0	674.1	648.6	623.1	593.9	564.8	539.3	513.8	488.3
-75°	564.8	572.1	579.4	575.7	550.2	524.7	499.2	473.7	455.5	433.6	411.7
-77.5°	448.2	455.5	462.8	462.8	444.5	430.0	411.7	393.5	379.0	360.7	338.9
-80°	346.2	357.1	368.0	375.3	360.7	349.8	335.2	320.7	306.1	291.5	276.9
-82.5°	262.4	273.3	284.2	291.5	280.6	273.3	262.4	251.4	240.5	225.9	215.0
-85°	189.5	196.8	204.1	207.7	200.4	193.1	185.8	178.5	171.3	160.3	153.0
-87.5°	109.3	113.0	116.6	120.2	113.0	105.7	102.0	94.7	91.1	83.8	80.2
-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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 CATALOG NUMBER: IFLD-L-SA8C-935-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°	91.1	83.8	76.5	72.9	65.6	54.7	47.4	40.1	32.8	25.5	21.9
85°	193.1	174.9	153.0	142.1	127.5	113.0	98.4	83.8	69.2	54.7	40.1
82.5°	331.6	309.7	287.9	262.4	229.6	189.5	149.4	123.9	102.0	80.2	61.9
80°	499.2	459.1	422.7	389.9	353.4	302.4	247.8	196.8	138.5	105.7	80.2
77.5°	692.3	645.0	593.9	539.3	481.0	411.7	349.8	284.2	215.0	145.8	102.0
75°	911.0	849.0	779.8	703.3	626.7	535.6	448.2	371.7	291.5	204.1	123.9
72.5°	1155.1	1078.6	994.8	892.7	772.5	666.8	561.1	459.1	364.4	258.7	167.6
70°	1468.5	1348.2	1224.3	1115.0	962.0	794.3	670.5	553.9	433.6	317.0	211.3
67.5°	1803.7	1657.9	1508.5	1348.2	1155.1	958.3	779.8	648.6	506.5	371.7	251.4
65°	2168.1	1985.9	1796.4	1617.8	1351.9	1118.6	918.2	739.7	575.7	422.7	291.5
62.5°	2543.4	2328.4	2109.8	1876.6	1570.5	1282.6	1049.4	841.7	641.3	470.1	327.9
60°	2944.2	2692.8	2426.8	2135.3	1778.2	1461.2	1173.3	947.4	710.5	517.4	368.0
57.5°	3366.9	3093.6	2780.2	2386.7	1993.2	1632.4	1315.4	1042.1	772.5	561.1	397.2
55°	3826.0	3512.6	3170.1	2649.0	2204.5	1803.7	1457.5	1136.9	838.1	597.6	426.3
52.5°	4321.6	3957.2	3523.6	2926.0	2426.8	1978.6	1588.7	1220.7	900.0	637.7	451.8
50°	4875.4	4416.3	3833.3	3181.0	2619.9	2142.6	1719.9	1311.8	951.0	681.4	473.7
47.5°	5451.1	4955.6	4110.2	3417.9	2816.7	2302.9	1854.7	1391.9	1002.0	717.8	495.6
45°	6052.4	5330.9	4398.1	3629.2	2987.9	2448.6	1956.7	1464.8	1064.0	750.6	513.8
42.5°	6646.3	5615.1	4649.5	3840.6	3148.2	2579.8	2040.5	1534.0	1115.0	783.4	532.0
40°	6926.9	5830.1	4849.9	3986.3	3283.1	2696.4	2113.4	1596.0	1158.7	805.3	550.2
37.5°	7043.5	5961.3	4981.1	4124.8	3388.7	2758.4	2175.4	1650.6	1195.2	827.1	564.8
35°	7069.0	6008.6	5046.7	4219.5	3476.2	2816.7	2222.7	1690.7	1224.3	849.0	579.4
32.5°	7021.6	5994.1	5064.9	4252.3	3530.8	2860.4	2255.5	1719.9	1246.2	870.9	593.9
30°	6915.9	5917.5	4999.3	4248.7	3570.9	2885.9	2277.4	1741.7	1268.0	885.4	601.2
27.5°	6744.7	5782.7	4915.5	4252.3	3592.8	2896.8	2288.3	1752.7	1282.6	896.4	615.8
25°	6533.3	5600.5	4919.1	4245.0	3596.4	2900.5	2288.3	1752.7	1286.3	900.0	626.7
22.5°	6289.2	5600.5	4919.1	4234.1	3574.6	2893.2	2277.4	1745.4	1286.3	907.3	637.7
20°	6303.8	5604.2	4908.2	4212.2	3541.8	2871.3	2251.9	1727.2	1275.3	918.2	645.0
17.5°	6314.7	5596.9	4886.3	4183.1	3498.1	2834.9	2219.1	1701.7	1275.3	929.2	648.6
15°	6314.7	5575.0	4853.5	4139.4	3443.4	2783.9	2171.7	1679.8	1279.0	932.8	655.9
12.5°	6303.8	5534.9	4802.5	4081.1	3377.8	2721.9	2142.6	1672.5	1279.0	936.5	655.9
10°	6281.9	5480.3	4736.9	4008.2	3315.9	2700.1	2128.0	1657.9	1271.7	936.5	655.9
7.5°	6241.8	5414.7	4682.3	3964.5	3279.4	2674.6	2106.1	1636.1	1260.8	929.2	663.2
5°	6179.9	5378.3	4638.6	3913.4	3228.4	2656.3	2091.5	1617.8	1253.5	929.2	655.9
2.5°	6099.7	5334.5	4587.6	3847.9	3170.1	2594.4	2044.2	1577.8	1228.0	914.6	648.6
0°	5968.6	5247.1	4500.1	3756.8	3089.9	2532.4	1996.8	1537.7	1202.5	900.0	641.3
-2.5°	5848.3	5130.5	4387.1	3662.0	3013.4	2477.8	1960.4	1515.8	1191.5	896.4	637.7
-5°	5680.7	4970.1	4237.7	3538.1	2911.4	2423.1	1923.9	1490.3	1180.6	889.1	637.7
-7.5°	5494.9	4802.5	4081.1	3410.6	2809.4	2328.4	1854.7	1450.2	1155.1	874.5	634.0
-10°	5207.0	4551.1	3884.3	3264.8	2700.1	2244.6	1796.4	1413.8	1133.2	859.9	619.4
-12.5°	4900.9	4274.2	3658.4	3086.3	2576.2	2157.1	1730.8	1373.7	1107.7	845.4	612.2
-15°	4576.6	3990.0	3421.5	2900.5	2441.3	2051.5	1661.6	1330.0	1082.2	827.1	601.2
-17.5°	4237.7	3691.2	3177.4	2711.0	2306.5	1942.1	1588.7	1289.9	1053.1	808.9	590.3
-20°	3880.7	3385.1	2929.6	2517.9	2164.4	1832.8	1512.2	1242.5	1020.3	787.1	575.7



REPORT NUMBER: P722305
 CATALOG NUMBER: IFLD-L-SA8C-935-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3527.2	3082.7	2674.6	2328.4	2018.7	1719.9	1435.7	1195.2	983.8	761.6	564.8
-25°	3213.8	2798.4	2448.6	2146.2	1876.6	1610.6	1355.5	1147.8	943.7	736.0	550.2
-27.5°	2907.8	2554.3	2226.4	1974.9	1738.1	1504.9	1279.0	1096.8	903.7	706.9	535.6
-30°	2623.5	2321.1	2051.5	1807.3	1606.9	1410.2	1213.4	1045.8	859.9	677.7	517.4
-32.5°	2364.8	2120.7	1894.8	1661.6	1483.0	1315.4	1151.4	994.8	816.2	648.6	499.2
-35°	2124.3	1934.9	1738.1	1541.3	1359.1	1228.0	1085.9	940.1	776.1	615.8	481.0
-37.5°	1909.4	1756.3	1599.6	1432.0	1275.3	1144.2	1023.9	885.4	736.0	586.7	462.8
-40°	1723.5	1599.6	1461.2	1326.3	1195.2	1071.3	962.0	830.8	696.0	564.8	444.5
-42.5°	1552.3	1457.5	1344.6	1231.6	1115.0	1005.7	900.0	772.5	655.9	539.3	426.3
-45°	1421.1	1326.3	1235.2	1133.2	1034.8	940.1	834.4	721.5	619.4	510.1	408.1
-47.5°	1297.2	1213.4	1129.6	1045.8	965.6	878.2	772.5	677.7	579.4	484.6	393.5
-50°	1187.9	1107.7	1034.8	962.0	892.7	808.9	710.5	634.0	546.6	459.1	375.3
-52.5°	1085.9	1016.6	943.7	885.4	827.1	743.3	663.2	590.3	513.8	430.0	357.1
-55°	994.8	929.2	863.6	808.9	754.3	681.4	615.8	553.9	481.0	408.1	338.9
-57.5°	907.3	852.7	790.7	739.7	685.0	626.7	572.1	513.8	448.2	386.2	320.7
-60°	827.1	776.1	721.5	670.5	623.1	575.7	524.7	477.3	419.0	360.7	302.4
-62.5°	747.0	703.3	655.9	604.9	568.4	524.7	484.6	437.3	389.9	338.9	269.6
-65°	674.1	634.0	590.3	546.6	513.8	481.0	444.5	400.8	360.7	313.4	240.5
-67.5°	601.2	564.8	528.4	491.9	462.8	437.3	400.8	368.0	335.2	284.2	211.3
-70°	532.0	502.8	470.1	440.9	419.0	389.9	364.4	335.2	306.1	247.8	178.5
-72.5°	466.4	437.3	411.7	389.9	371.7	346.2	324.3	302.4	262.4	207.7	149.4
-75°	389.9	371.7	357.1	338.9	320.7	302.4	284.2	258.7	218.6	167.6	116.6
-77.5°	320.7	309.7	298.8	284.2	269.6	255.1	233.2	207.7	174.9	131.2	94.7
-80°	262.4	251.4	244.1	229.6	218.6	204.1	182.2	160.3	127.5	102.0	76.5
-82.5°	200.4	193.1	185.8	178.5	167.6	153.0	131.2	113.0	94.7	76.5	58.3
-85°	142.1	138.5	131.2	123.9	113.0	102.0	87.5	76.5	65.6	51.0	40.1
-87.5°	72.9	69.2	65.6	61.9	58.3	51.0	43.7	36.4	32.8	25.5	18.2
-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: P722305
 CATALOG NUMBER: IFLD-L-SA8C-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	14.6	10.9	3.6	0.0
85°	29.2	18.2	7.3	0.0
82.5°	43.7	29.2	10.9	0.0
80°	58.3	36.4	18.2	0.0
77.5°	72.9	43.7	21.9	0.0
75°	87.5	54.7	25.5	0.0
72.5°	98.4	61.9	29.2	0.0
70°	116.6	72.9	32.8	0.0
67.5°	145.8	80.2	36.4	0.0
65°	171.3	87.5	40.1	0.0
62.5°	200.4	94.7	43.7	0.0
60°	225.9	102.0	47.4	0.0
57.5°	251.4	120.2	51.0	0.0
55°	273.3	134.8	54.7	0.0
52.5°	298.8	149.4	58.3	0.0
50°	320.7	164.0	61.9	0.0
47.5°	338.9	178.5	61.9	0.0
45°	353.4	189.5	65.6	0.0
42.5°	364.4	200.4	69.2	0.0
40°	375.3	211.3	72.9	0.0
37.5°	386.2	222.3	72.9	0.0
35°	397.2	233.2	76.5	0.0
32.5°	408.1	244.1	76.5	0.0
30°	415.4	251.4	80.2	0.0
27.5°	426.3	258.7	80.2	0.0
25°	430.0	266.0	83.8	0.0
22.5°	437.3	269.6	83.8	0.0
20°	444.5	276.9	83.8	0.0
17.5°	448.2	280.6	87.5	0.0
15°	448.2	284.2	91.1	0.0
12.5°	451.8	287.9	91.1	0.0
10°	451.8	295.1	87.5	0.0
7.5°	459.1	291.5	87.5	0.0
5°	455.5	291.5	87.5	0.0
2.5°	451.8	287.9	87.5	0.0
0°	448.2	287.9	87.5	0.0
-2.5°	448.2	287.9	87.5	0.0
-5°	448.2	287.9	87.5	0.0
-7.5°	444.5	291.5	87.5	0.0
-10°	437.3	291.5	87.5	0.0
-12.5°	433.6	280.6	87.5	0.0
-15°	430.0	276.9	87.5	0.0
-17.5°	422.7	273.3	83.8	0.0
-20°	415.4	269.6	83.8	0.0



REPORT NUMBER: P722305
 CATALOG NUMBER: IFLD-L-SA8C-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	408.1	262.4	83.8	0.0
-25°	400.8	255.1	80.2	0.0
-27.5°	393.5	247.8	80.2	0.0
-30°	382.6	240.5	76.5	0.0
-32.5°	371.7	233.2	76.5	0.0
-35°	364.4	222.3	72.9	0.0
-37.5°	353.4	211.3	72.9	0.0
-40°	342.5	200.4	69.2	0.0
-42.5°	331.6	189.5	65.6	0.0
-45°	317.0	178.5	65.6	0.0
-47.5°	306.1	167.6	61.9	0.0
-50°	287.9	153.0	58.3	0.0
-52.5°	266.0	138.5	54.7	0.0
-55°	244.1	127.5	51.0	0.0
-57.5°	222.3	113.0	51.0	0.0
-60°	200.4	98.4	47.4	0.0
-62.5°	178.5	91.1	43.7	0.0
-65°	156.7	83.8	40.1	0.0
-67.5°	131.2	72.9	36.4	0.0
-70°	109.3	65.6	32.8	0.0
-72.5°	94.7	58.3	29.2	0.0
-75°	80.2	51.0	25.5	0.0
-77.5°	69.2	43.7	21.9	0.0
-80°	54.7	32.8	14.6	0.0
-82.5°	40.1	25.5	10.9	0.0
-85°	25.5	18.2	7.3	0.0
-87.5°	14.6	7.3	3.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)