

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: P722062

Luminaire Tested: **IFLD-M-SA4B-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722062
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

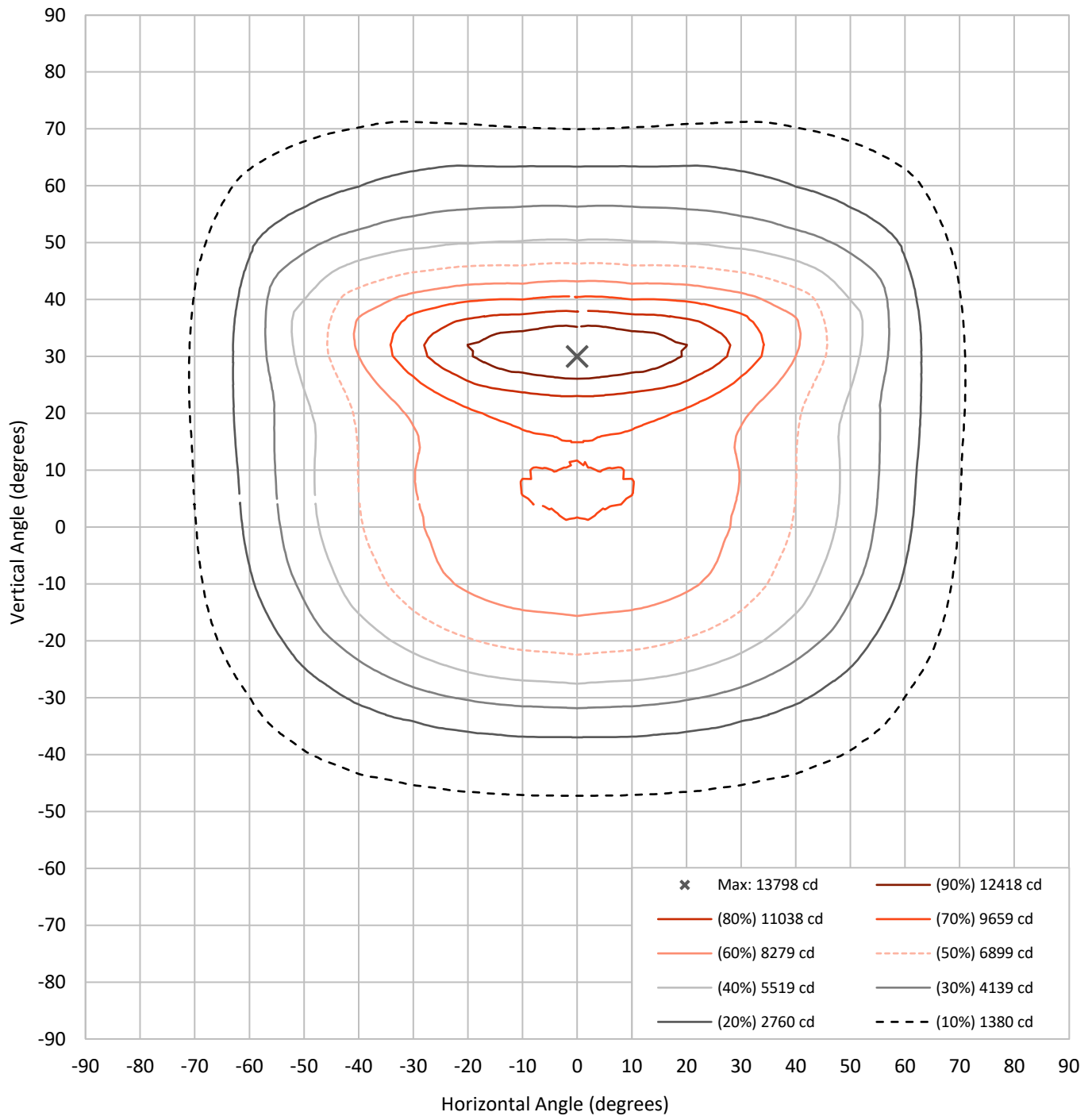
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	23032.3 lumens	Max Intensity:	13798 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	138.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	13393.5 lumens	Field Lumens:	21584.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	166.1		
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		



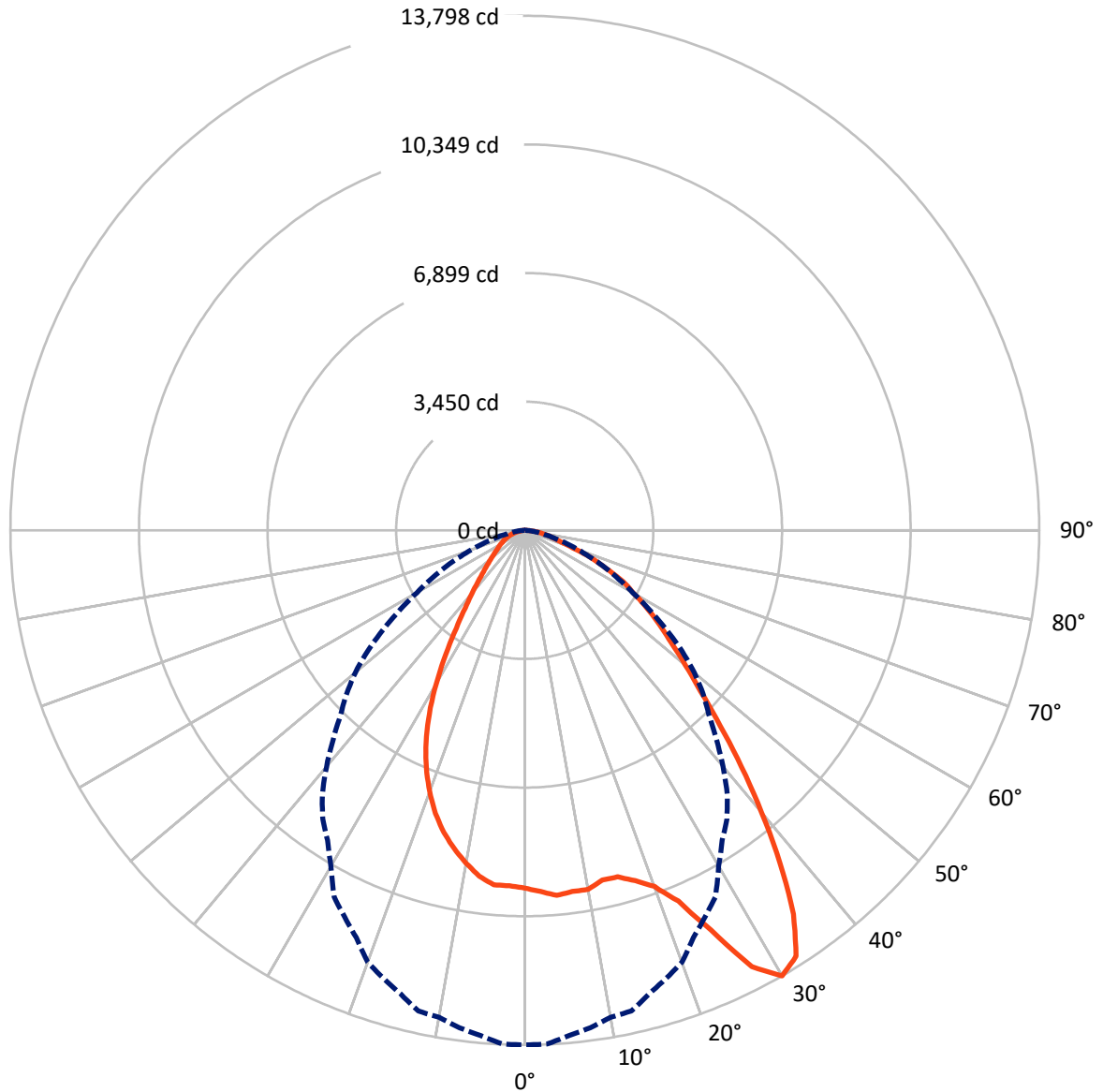
REPORT NUMBER: P722062
CATALOG NUMBER: IFLD-M-SA4B-735-U-76

Iso-Candela Plot



REPORT NUMBER: P722062
CATALOG NUMBER: IFLD-M-SA4B-735-U-76

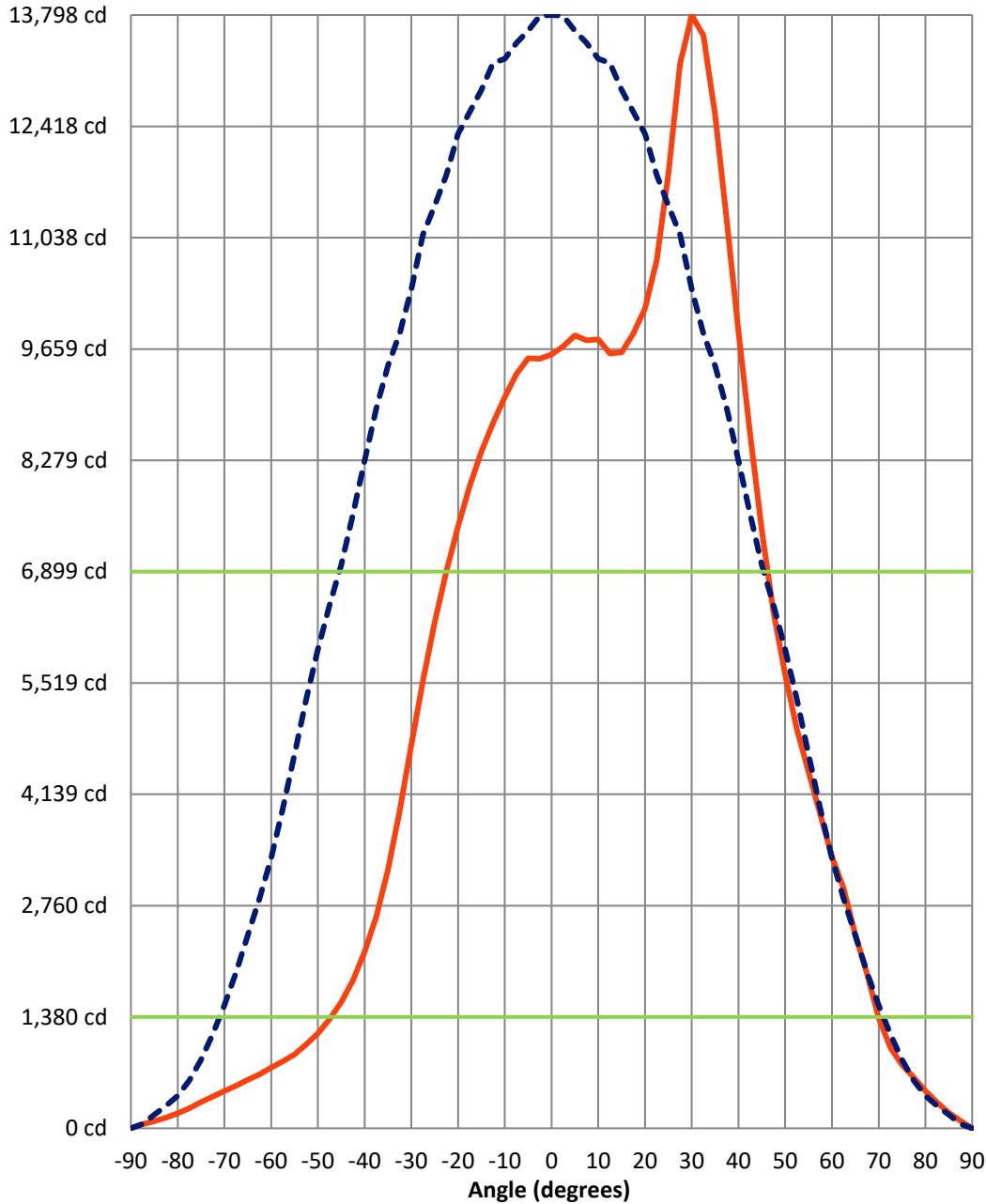
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722062
 CATALOG NUMBER: IFLD-M-SA4B-735-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 13393.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 21584.2
 Efficiency: 93.7%

Spill:
 Lumens: 1448.1
 Efficiency: 6.3%

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



REPORT NUMBER: P722062
 CATALOG NUMBER: IFLD-M-SA4B-735-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°	92.7	95.2	97.6	97.6	95.2	95.2	95.2	92.7	95.2	95.2	95.2
85°	192.8	197.6	202.5	200.1	197.6	192.8	187.9	190.3	192.8	195.2	195.2
82.5°	319.6	327.0	331.8	329.4	324.5	319.6	314.8	317.2	322.1	324.5	324.5
80°	463.6	466.0	468.5	473.4	466.0	466.0	463.6	473.4	478.2	483.1	488.0
77.5°	629.5	631.9	631.9	634.4	636.8	639.3	639.3	656.3	668.5	675.9	683.2
75°	785.7	793.0	800.3	807.6	817.4	822.3	829.6	854.0	873.5	888.1	902.8
72.5°	1000.4	1010.1	1022.3	1039.4	1056.5	1068.7	1085.8	1115.1	1137.0	1151.7	1168.7
70°	1368.8	1378.6	1390.8	1403.0	1420.1	1432.3	1449.3	1485.9	1507.9	1517.7	1527.4
67.5°	1915.4	1939.8	1961.7	1937.3	1925.1	1908.0	1912.9	1947.1	1969.0	1983.7	1981.2
65°	2400.9	2418.0	2418.0	2415.6	2405.8	2383.8	2396.0	2437.5	2461.9	2474.1	2437.5
62.5°	2971.9	2971.9	2959.7	2979.2	2981.6	2967.0	2959.7	2962.1	2964.5	2971.9	2910.9
60°	3367.1	3391.5	3398.9	3415.9	3420.8	3420.8	3433.0	3442.8	3442.8	3428.1	3357.4
57.5°	3889.3	3935.7	3945.4	3933.2	3908.8	3877.1	3872.2	3857.6	3828.3	3799.0	3764.9
55°	4416.3	4440.7	4438.3	4431.0	4406.6	4370.0	4374.8	4355.3	4309.0	4272.4	4226.0
52.5°	4945.8	5004.4	5014.1	4999.5	4965.3	4926.3	4928.7	4906.8	4860.4	4821.4	4757.9
50°	5621.7	5670.5	5665.6	5641.2	5592.4	5563.1	5565.5	5524.1	5470.4	5458.2	5375.2
47.5°	6395.1	6451.2	6441.5	6407.3	6341.5	6329.3	6341.5	6287.8	6256.1	6229.2	6131.6
45°	7410.2	7476.0	7439.4	7373.6	7268.6	7280.8	7297.9	7288.2	7219.8	7149.1	7024.6
42.5°	8600.9	8642.3	8598.4	8532.5	8400.8	8425.2	8415.4	8356.9	8315.4	8198.3	8039.7
40°	9874.5	9964.8	9896.5	9794.0	9657.4	9694.0	9667.1	9591.5	9493.9	9347.5	9147.4
37.5°	11248.2	11319.0	11240.9	11121.3	10999.3	10987.1	10933.5	10816.3	10677.3	10516.2	10196.6
35°	12563.3	12746.3	12602.4	12412.1	12263.2	12207.1	12155.9	11885.0	11726.4	11465.4	11028.6
32.5°	13541.8	13676.0	13497.8	13300.2	13119.7	13041.6	12861.0	12538.9	12453.5	11904.6	11504.4
30°	13798.0	13788.2	13602.8	13451.5	13256.3	13202.6	12870.8	12597.5	12324.2	11816.7	11436.1
27.5°	13188.0	13127.0	12948.9	12817.1	12624.3	12560.9	12233.9	12087.6	11665.4	11236.0	10913.9
25°	11828.9	11860.6	11726.4	11660.6	11533.7	11397.0	11267.7	11070.1	10806.6	10430.8	10135.6
22.5°	10757.8	10799.3	10743.1	10665.1	10567.5	10491.8	10394.2	10240.5	9986.7	9755.0	9476.8
20°	10162.4	10150.2	10101.4	10042.9	9950.1	9896.5	9789.1	9659.8	9464.6	9264.5	8964.4
17.5°	9850.1	9774.5	9728.1	9706.2	9657.4	9589.0	9462.2	9330.4	9179.1	8952.2	8732.6
15°	9618.3	9630.5	9593.9	9576.8	9537.8	9442.6	9313.3	9206.0	9001.0	8886.3	8686.3
12.5°	9603.7	9591.5	9593.9	9586.6	9537.8	9415.8	9349.9	9213.3	9081.5	8930.2	8700.9
10°	9776.9	9647.6	9657.4	9691.5	9613.4	9515.8	9445.1	9296.2	9171.8	8979.0	8752.1
7.5°	9767.2	9701.3	9720.8	9664.7	9689.1	9569.5	9471.9	9323.1	9166.9	8962.0	8757.0
5°	9825.7	9725.7	9708.6	9713.5	9652.5	9562.2	9430.4	9288.9	9142.5	8913.2	8703.3
2.5°	9691.5	9706.2	9628.1	9598.8	9591.5	9440.2	9318.2	9181.6	9030.3	8827.8	8639.9
0°	9591.5	9618.3	9537.8	9496.3	9493.9	9364.6	9286.5	9130.3	9023.0	8854.6	8627.7
-2.5°	9537.8	9569.5	9579.3	9503.6	9430.4	9330.4	9198.6	9030.3	8854.6	8659.4	8464.2
-5°	9542.7	9479.2	9452.4	9476.8	9413.4	9313.3	9166.9	9018.1	8844.8	8635.0	8391.0
-7.5°	9349.9	9286.5	9281.6	9269.4	9254.8	9159.6	9037.6	8876.6	8700.9	8505.7	8278.8
-10°	9062.0	9015.6	9003.4	8991.2	8952.2	8896.1	8781.4	8635.0	8476.4	8281.2	8039.7
-12.5°	8742.4	8720.4	8674.1	8642.3	8603.3	8537.4	8427.6	8293.4	8134.8	7961.6	7754.2
-15°	8388.6	8347.1	8300.7	8273.9	8217.8	8139.7	8029.9	7905.5	7732.2	7561.4	7366.2
-17.5°	7961.6	7910.3	7859.1	7851.8	7812.7	7693.2	7590.7	7439.4	7288.2	7124.7	6934.4
-20°	7459.0	7388.2	7354.0	7334.5	7280.8	7193.0	7083.2	6944.1	6797.7	6641.6	6422.0



REPORT NUMBER: P722062
 CATALOG NUMBER: IFLD-M-SA4B-735-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	6902.6	6841.6	6783.1	6746.5	6700.1	6631.8	6526.9	6404.9	6260.9	6085.3	5882.7
-25°	6270.7	6185.3	6148.7	6107.2	6082.8	6019.4	5916.9	5804.7	5655.8	5485.0	5292.3
-27.5°	5548.5	5480.1	5460.6	5402.1	5372.8	5306.9	5221.5	5116.6	4980.0	4818.9	4660.3
-30°	4750.6	4709.1	4677.4	4618.8	4596.9	4526.1	4470.0	4382.2	4257.7	4143.0	4016.2
-32.5°	3930.8	3889.3	3879.5	3852.7	3838.1	3791.7	3728.3	3664.8	3564.8	3479.4	3376.9
-35°	3203.7	3174.4	3176.8	3174.4	3159.7	3125.6	3047.5	3030.4	2957.2	2879.2	2813.3
-37.5°	2623.0	2625.4	2623.0	2620.5	2601.0	2586.4	2530.2	2508.3	2464.4	2388.7	2349.7
-40°	2186.2	2191.1	2188.6	2183.8	2161.8	2154.5	2117.9	2088.6	2071.5	2017.8	1976.4
-42.5°	1832.4	1839.7	1837.3	1834.8	1820.2	1817.8	1798.2	1764.1	1754.3	1722.6	1678.7
-45°	1564.0	1561.6	1556.7	1561.6	1554.3	1546.9	1534.7	1512.8	1500.6	1485.9	1449.3
-47.5°	1351.7	1354.2	1349.3	1349.3	1339.5	1332.2	1327.3	1312.7	1302.9	1290.7	1268.8
-50°	1176.1	1185.8	1183.4	1180.9	1173.6	1168.7	1168.7	1154.1	1139.5	1134.6	1119.9
-52.5°	1039.4	1046.7	1049.2	1054.1	1056.5	1058.9	1051.6	1037.0	1012.6	1010.1	1002.8
-55°	915.0	936.9	951.6	961.3	971.1	978.4	963.8	944.3	919.9	910.1	907.7
-57.5°	829.6	851.5	868.6	883.3	895.5	907.7	893.0	873.5	851.5	839.3	836.9
-60°	751.5	771.0	788.1	807.6	824.7	844.2	836.9	822.3	810.1	800.3	790.5
-62.5°	668.5	688.1	707.6	732.0	753.9	773.5	775.9	773.5	771.0	773.5	756.4
-65°	600.2	610.0	622.2	649.0	673.4	695.4	707.6	714.9	727.1	739.3	722.2
-67.5°	527.0	539.2	553.9	573.4	592.9	607.5	624.6	644.1	663.7	683.2	671.0
-70°	461.2	470.9	483.1	492.9	505.1	514.8	529.5	551.4	573.4	592.9	588.0
-72.5°	392.8	402.6	409.9	414.8	422.1	427.0	434.3	453.8	468.5	478.2	478.2
-75°	324.5	334.3	341.6	344.0	348.9	351.4	356.2	363.6	370.9	373.3	375.8
-77.5°	248.9	258.6	266.0	270.8	275.7	280.6	283.0	287.9	290.4	290.4	292.8
-80°	185.4	192.8	197.6	205.0	207.4	212.3	217.2	219.6	222.0	222.0	224.5
-82.5°	131.8	136.6	141.5	146.4	151.3	153.7	158.6	161.0	163.5	165.9	168.4
-85°	87.8	92.7	97.6	102.5	104.9	107.4	109.8	112.2	114.7	117.1	119.6
-87.5°	51.2	53.7	56.1	61.0	63.4	68.3	70.8	68.3	70.8	70.8	70.8
-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: P722062
 CATALOG NUMBER: IFLD-M-SA4B-735-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°	95.2	95.2	95.2	95.2	92.7	87.8	85.4	80.5	75.6	70.8	65.9
85°	197.6	200.1	200.1	200.1	195.2	192.8	185.4	178.1	168.4	153.7	141.5
82.5°	329.4	331.8	331.8	329.4	324.5	317.2	307.4	295.2	275.7	256.2	239.1
80°	495.3	497.8	497.8	495.3	483.1	470.9	458.7	444.1	419.7	392.8	363.6
77.5°	692.9	697.8	697.8	690.5	673.4	658.8	639.3	614.9	578.3	539.2	500.2
75°	922.3	934.5	936.9	929.6	907.7	880.8	849.1	807.6	751.5	702.7	656.3
72.5°	1188.3	1200.5	1210.2	1200.5	1168.7	1132.1	1085.8	1037.0	980.9	915.0	836.9
70°	1537.2	1549.4	1556.7	1525.0	1468.9	1407.9	1351.7	1295.6	1229.7	1149.2	1063.8
67.5°	1976.4	1964.2	1949.5	1886.1	1815.3	1742.1	1664.1	1581.1	1495.7	1410.3	1310.3
65°	2398.5	2364.3	2332.6	2257.0	2166.7	2071.5	1981.2	1888.5	1786.0	1678.7	1583.5
62.5°	2842.6	2769.4	2691.3	2598.6	2505.8	2400.9	2310.6	2200.8	2086.2	1954.4	1832.4
60°	3279.3	3191.5	3113.4	2998.7	2876.7	2735.2	2637.6	2530.2	2396.0	2254.5	2110.6
57.5°	3701.4	3606.3	3520.9	3420.8	3289.1	3135.3	3028.0	2888.9	2747.4	2569.3	2422.9
55°	4150.4	4055.2	3986.9	3874.7	3730.7	3589.2	3472.1	3325.7	3128.0	2937.7	2757.2
52.5°	4665.2	4589.6	4516.4	4401.7	4228.4	4084.5	3955.2	3791.7	3584.3	3350.1	3132.9
50°	5241.0	5202.0	5123.9	4989.7	4792.1	4665.2	4494.4	4277.2	4055.2	3808.8	3537.9
47.5°	6004.7	5941.3	5831.5	5685.1	5519.2	5328.9	5099.5	4845.8	4531.0	4257.7	3969.8
45°	6917.3	6800.2	6658.6	6461.0	6256.1	6041.3	5790.0	5467.9	5045.8	4689.6	4387.0
42.5°	7905.5	7746.9	7554.1	7295.5	7029.5	6766.0	6495.2	6056.0	5528.9	5119.0	4777.4
40°	8937.6	8735.0	8493.5	8117.7	7822.5	7483.4	7173.5	6517.1	5955.9	5511.9	5148.3
37.5°	9947.7	9691.5	9286.5	8830.2	8486.2	8208.0	7527.3	6824.6	6321.9	5833.9	5465.5
35°	10721.2	10504.0	9789.1	9315.8	9020.5	8581.3	7729.8	7010.0	6478.1	6073.1	5499.7
32.5°	11179.9	10618.7	9991.6	9513.4	9269.4	8549.6	7744.4	7063.7	6551.3	6097.5	5411.8
30°	11077.4	10399.1	9850.1	9450.0	8920.5	8273.9	7607.8	6980.7	6483.0	5934.0	5314.2
27.5°	10460.1	9935.5	9445.1	9027.8	8508.1	7927.4	7312.6	6761.1	6297.5	5765.6	5180.0
25°	9762.3	9286.5	8922.9	8559.4	8066.5	7512.6	6971.0	6573.2	6107.2	5582.6	5004.4
22.5°	9120.6	8779.0	8493.5	8112.9	7632.2	7149.1	6812.4	6400.0	5921.8	5389.9	4823.8
20°	8710.7	8478.9	8151.9	7732.2	7354.0	7051.5	6678.2	6241.4	5748.5	5192.2	4670.1
17.5°	8513.0	8244.6	7881.1	7607.8	7317.4	6985.6	6568.4	6104.8	5580.2	5102.0	4687.2
15°	8410.5	8127.5	7888.4	7620.0	7293.0	6944.1	6480.5	5999.9	5580.2	5138.6	4699.4
12.5°	8432.5	8188.5	7927.4	7634.6	7283.3	6910.0	6490.3	6043.8	5609.5	5165.4	4701.8
10°	8500.8	8244.6	7966.5	7641.9	7288.2	6919.7	6517.1	6070.6	5624.1	5177.6	4696.9
7.5°	8525.2	8247.1	7949.4	7622.4	7276.0	6914.8	6522.0	6077.9	5626.5	5175.2	4682.3
5°	8449.6	8198.3	7910.3	7580.9	7241.8	6890.4	6502.5	6068.2	5607.0	5150.8	4645.7
2.5°	8347.1	8144.6	7868.9	7551.7	7207.6	6856.3	6470.8	6024.3	5563.1	5106.8	4599.3
0°	8330.0	8078.7	7800.5	7517.5	7151.5	6780.6	6397.6	5941.3	5482.6	5023.9	4518.8
-2.5°	8217.8	7951.8	7673.7	7366.2	7044.2	6670.8	6268.3	5821.7	5367.9	4916.5	4431.0
-5°	8132.4	7837.1	7541.9	7210.1	6885.6	6512.2	6095.0	5660.7	5216.6	4777.4	4309.0
-7.5°	8017.7	7715.1	7405.3	7058.8	6707.4	6326.8	5914.5	5480.1	5043.4	4606.6	4157.7
-10°	7785.9	7520.0	7229.6	6870.9	6500.0	6119.4	5709.5	5282.5	4845.8	4404.1	3952.7
-12.5°	7505.3	7224.7	6907.5	6578.1	6246.3	5892.5	5482.6	5062.9	4623.7	4179.6	3730.7
-15°	7141.8	6866.0	6541.5	6219.5	5899.8	5560.7	5199.6	4821.4	4374.8	3938.1	3489.1
-17.5°	6687.9	6429.3	6138.9	5831.5	5514.3	5172.7	4821.4	4501.7	4084.5	3674.6	3230.5
-20°	6199.9	5958.4	5697.3	5406.9	5089.8	4755.5	4423.6	4089.4	3728.3	3367.1	2954.8



REPORT NUMBER: P722062
 CATALOG NUMBER: IFLD-M-SA4B-735-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5692.4	5448.4	5184.9	4914.1	4621.3	4311.4	4004.0	3684.3	3367.1	3040.2	2691.3
-25°	5106.8	4892.1	4650.6	4387.0	4126.0	3855.1	3562.3	3272.0	3001.1	2718.1	2432.6
-27.5°	4494.4	4296.8	4077.2	3847.8	3623.3	3396.4	3142.7	2874.3	2649.8	2415.6	2178.9
-30°	3850.3	3691.7	3513.5	3313.5	3140.2	2957.2	2745.0	2522.9	2318.0	2139.8	1949.5
-32.5°	3240.3	3106.1	2979.2	2847.4	2676.6	2535.1	2388.7	2225.2	2044.7	1876.3	1739.7
-35°	2715.7	2571.7	2518.0	2420.4	2298.4	2174.0	2066.6	1949.5	1812.9	1664.1	1551.8
-37.5°	2274.0	2188.6	2113.0	2059.3	1978.8	1878.8	1793.4	1708.0	1603.1	1490.8	1378.6
-40°	1930.0	1871.4	1788.5	1761.6	1710.4	1642.1	1554.3	1488.4	1417.6	1332.2	1237.1
-42.5°	1654.3	1610.4	1556.7	1510.3	1488.4	1439.6	1371.3	1307.8	1251.7	1193.1	1119.9
-45°	1427.4	1398.1	1363.9	1322.5	1305.4	1266.3	1217.5	1146.8	1115.1	1066.3	1012.6
-47.5°	1244.4	1229.7	1205.3	1178.5	1154.1	1124.8	1080.9	1037.0	993.1	961.3	919.9
-50°	1100.4	1090.7	1076.0	1054.1	1022.3	1002.8	973.5	934.5	893.0	866.2	836.9
-52.5°	985.7	976.0	966.2	949.1	924.7	905.2	880.8	849.1	814.9	788.1	763.7
-55°	897.9	883.3	875.9	861.3	841.8	819.8	797.9	775.9	746.6	722.2	697.8
-57.5°	829.6	810.1	800.3	788.1	768.6	746.6	729.5	707.6	688.1	661.2	639.3
-60°	775.9	753.9	734.4	722.2	705.1	683.2	666.1	649.0	629.5	607.5	580.7
-62.5°	732.0	705.1	678.3	663.7	646.6	627.1	610.0	592.9	573.4	551.4	527.0
-65°	690.5	658.8	624.6	610.0	592.9	573.4	551.4	539.2	522.2	502.6	478.2
-67.5°	639.3	605.1	575.8	558.8	541.7	524.6	505.1	492.9	475.8	451.4	427.0
-70°	563.6	541.7	522.2	507.5	492.9	478.2	458.7	439.2	419.7	397.7	375.8
-72.5°	468.5	461.2	458.7	451.4	434.3	417.2	397.7	378.2	361.1	344.0	327.0
-75°	378.2	383.1	388.0	385.5	368.4	351.4	334.3	317.2	305.0	290.4	275.7
-77.5°	300.1	305.0	309.9	309.9	297.7	287.9	275.7	263.5	253.8	241.6	226.9
-80°	231.8	239.1	246.4	251.3	241.6	234.2	224.5	214.7	205.0	195.2	185.4
-82.5°	175.7	183.0	190.3	195.2	187.9	183.0	175.7	168.4	161.0	151.3	144.0
-85°	126.9	131.8	136.6	139.1	134.2	129.3	124.4	119.6	114.7	107.4	102.5
-87.5°	73.2	75.6	78.1	80.5	75.6	70.8	68.3	63.4	61.0	56.1	53.7
-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: P722062
 CATALOG NUMBER: IFLD-M-SA4B-735-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°	61.0	56.1	51.2	48.8	43.9	36.6	31.7	26.8	22.0	17.1	14.6
85°	129.3	117.1	102.5	95.2	85.4	75.6	65.9	56.1	46.4	36.6	26.8
82.5°	222.0	207.4	192.8	175.7	153.7	126.9	100.0	83.0	68.3	53.7	41.5
80°	334.3	307.4	283.0	261.1	236.7	202.5	165.9	131.8	92.7	70.8	53.7
77.5°	463.6	431.9	397.7	361.1	322.1	275.7	234.2	190.3	144.0	97.6	68.3
75°	610.0	568.5	522.2	470.9	419.7	358.7	300.1	248.9	195.2	136.6	83.0
72.5°	773.5	722.2	666.1	597.8	517.3	446.5	375.8	307.4	244.0	173.2	112.2
70°	983.3	902.8	819.8	746.6	644.1	531.9	449.0	370.9	290.4	212.3	141.5
67.5°	1207.8	1110.2	1010.1	902.8	773.5	641.7	522.2	434.3	339.2	248.9	168.4
65°	1451.8	1329.8	1202.9	1083.3	905.2	749.1	614.9	495.3	385.5	283.0	195.2
62.5°	1703.1	1559.1	1412.7	1256.6	1051.6	858.9	702.7	563.6	429.4	314.8	219.6
60°	1971.5	1803.1	1625.0	1429.8	1190.7	978.4	785.7	634.4	475.8	346.5	246.4
57.5°	2254.5	2071.5	1861.7	1598.2	1334.7	1093.1	880.8	697.8	517.3	375.8	266.0
55°	2562.0	2352.1	2122.8	1773.8	1476.2	1207.8	976.0	761.3	561.2	400.2	285.5
52.5°	2893.8	2649.8	2359.4	1959.3	1625.0	1324.9	1063.8	817.4	602.7	427.0	302.6
50°	3264.7	2957.2	2566.8	2130.1	1754.3	1434.7	1151.7	878.4	636.8	456.3	317.2
47.5°	3650.2	3318.3	2752.3	2288.7	1886.1	1542.1	1241.9	932.1	671.0	480.7	331.8
45°	4052.8	3569.7	2945.0	2430.2	2000.8	1639.7	1310.3	980.9	712.5	502.6	344.0
42.5°	4450.5	3760.0	3113.4	2571.7	2108.1	1727.5	1366.4	1027.2	746.6	524.6	356.2
40°	4638.4	3903.9	3247.6	2669.3	2198.4	1805.6	1415.2	1068.7	775.9	539.2	368.4
37.5°	4716.4	3991.8	3335.4	2762.0	2269.2	1847.0	1456.7	1105.3	800.3	553.9	378.2
35°	4733.5	4023.5	3379.3	2825.5	2327.7	1886.1	1488.4	1132.1	819.8	568.5	388.0
32.5°	4701.8	4013.7	3391.5	2847.4	2364.3	1915.4	1510.3	1151.7	834.5	583.1	397.7
30°	4631.0	3962.5	3347.6	2845.0	2391.2	1932.4	1525.0	1166.3	849.1	592.9	402.6
27.5°	4516.4	3872.2	3291.5	2847.4	2405.8	1939.8	1532.3	1173.6	858.9	600.2	412.4
25°	4374.8	3750.2	3293.9	2842.6	2408.2	1942.2	1532.3	1173.6	861.3	602.7	419.7
22.5°	4211.4	3750.2	3293.9	2835.2	2393.6	1937.3	1525.0	1168.7	861.3	607.5	427.0
20°	4221.1	3752.7	3286.6	2820.6	2371.6	1922.7	1507.9	1156.5	854.0	614.9	431.9
17.5°	4228.4	3747.8	3272.0	2801.1	2342.4	1898.3	1485.9	1139.5	854.0	622.2	434.3
15°	4228.4	3733.1	3250.0	2771.8	2305.8	1864.1	1454.2	1124.8	856.4	624.6	439.2
12.5°	4221.1	3706.3	3215.9	2732.8	2261.8	1822.6	1434.7	1119.9	856.4	627.1	439.2
10°	4206.5	3669.7	3171.9	2684.0	2220.4	1808.0	1424.9	1110.2	851.5	627.1	439.2
7.5°	4179.6	3625.8	3135.3	2654.7	2196.0	1790.9	1410.3	1095.5	844.2	622.2	444.1
5°	4138.2	3601.4	3106.1	2620.5	2161.8	1778.7	1400.5	1083.3	839.3	622.2	439.2
2.5°	4084.5	3572.1	3071.9	2576.6	2122.8	1737.3	1368.8	1056.5	822.3	612.4	434.3
0°	3996.7	3513.5	3013.3	2515.6	2069.1	1695.8	1337.1	1029.7	805.2	602.7	429.4
-2.5°	3916.1	3435.5	2937.7	2452.2	2017.8	1659.2	1312.7	1015.0	797.9	600.2	427.0
-5°	3803.9	3328.1	2837.7	2369.2	1949.5	1622.6	1288.3	997.9	790.5	595.3	427.0
-7.5°	3679.5	3215.9	2732.8	2283.8	1881.2	1559.1	1241.9	971.1	773.5	585.6	424.6
-10°	3486.7	3047.5	2601.0	2186.2	1808.0	1503.0	1202.9	946.7	758.8	575.8	414.8
-12.5°	3281.7	2862.1	2449.7	2066.6	1725.1	1444.5	1159.0	919.9	741.7	566.1	409.9
-15°	3064.6	2671.8	2291.1	1942.2	1634.8	1373.7	1112.6	890.6	724.7	553.9	402.6
-17.5°	2837.7	2471.7	2127.6	1815.3	1544.5	1300.5	1063.8	863.7	705.1	541.7	395.3
-20°	2598.6	2266.7	1961.7	1686.0	1449.3	1227.3	1012.6	832.0	683.2	527.0	385.5



REPORT NUMBER: P722062
 CATALOG NUMBER: IFLD-M-SA4B-735-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2361.9	2064.2	1790.9	1559.1	1351.7	1151.7	961.3	800.3	658.8	510.0	378.2
-25°	2152.0	1873.9	1639.7	1437.1	1256.6	1078.5	907.7	768.6	631.9	492.9	368.4
-27.5°	1947.1	1710.4	1490.8	1322.5	1163.9	1007.7	856.4	734.4	605.1	473.4	358.7
-30°	1756.8	1554.3	1373.7	1210.2	1076.0	944.3	812.5	700.3	575.8	453.8	346.5
-32.5°	1583.5	1420.1	1268.8	1112.6	993.1	880.8	771.0	666.1	546.6	434.3	334.3
-35°	1422.5	1295.6	1163.9	1032.1	910.1	822.3	727.1	629.5	519.7	412.4	322.1
-37.5°	1278.5	1176.1	1071.1	958.9	854.0	766.1	685.6	592.9	492.9	392.8	309.9
-40°	1154.1	1071.1	978.4	888.1	800.3	717.3	644.1	556.3	466.0	378.2	297.7
-42.5°	1039.4	976.0	900.3	824.7	746.6	673.4	602.7	517.3	439.2	361.1	285.5
-45°	951.6	888.1	827.1	758.8	692.9	629.5	558.8	483.1	414.8	341.6	273.3
-47.5°	868.6	812.5	756.4	700.3	646.6	588.0	517.3	453.8	388.0	324.5	263.5
-50°	795.4	741.7	692.9	644.1	597.8	541.7	475.8	424.6	366.0	307.4	251.3
-52.5°	727.1	680.7	631.9	592.9	553.9	497.8	444.1	395.3	344.0	287.9	239.1
-55°	666.1	622.2	578.3	541.7	505.1	456.3	412.4	370.9	322.1	273.3	226.9
-57.5°	607.5	571.0	529.5	495.3	458.7	419.7	383.1	344.0	300.1	258.6	214.7
-60°	553.9	519.7	483.1	449.0	417.2	385.5	351.4	319.6	280.6	241.6	202.5
-62.5°	500.2	470.9	439.2	405.0	380.6	351.4	324.5	292.8	261.1	226.9	180.6
-65°	451.4	424.6	395.3	366.0	344.0	322.1	297.7	268.4	241.6	209.8	161.0
-67.5°	402.6	378.2	353.8	329.4	309.9	292.8	268.4	246.4	224.5	190.3	141.5
-70°	356.2	336.7	314.8	295.2	280.6	261.1	244.0	224.5	205.0	165.9	119.6
-72.5°	312.3	292.8	275.7	261.1	248.9	231.8	217.2	202.5	175.7	139.1	100.0
-75°	261.1	248.9	239.1	226.9	214.7	202.5	190.3	173.2	146.4	112.2	78.1
-77.5°	214.7	207.4	200.1	190.3	180.6	170.8	156.2	139.1	117.1	87.8	63.4
-80°	175.7	168.4	163.5	153.7	146.4	136.6	122.0	107.4	85.4	68.3	51.2
-82.5°	134.2	129.3	124.4	119.6	112.2	102.5	87.8	75.6	63.4	51.2	39.0
-85°	95.2	92.7	87.8	83.0	75.6	68.3	58.6	51.2	43.9	34.2	26.8
-87.5°	48.8	46.4	43.9	41.5	39.0	34.2	29.3	24.4	22.0	17.1	12.2
-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: P722062
 CATALOG NUMBER: IFLD-M-SA4B-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	9.8	7.3	2.4	0.0
85°	19.5	12.2	4.9	0.0
82.5°	29.3	19.5	7.3	0.0
80°	39.0	24.4	12.2	0.0
77.5°	48.8	29.3	14.6	0.0
75°	58.6	36.6	17.1	0.0
72.5°	65.9	41.5	19.5	0.0
70°	78.1	48.8	22.0	0.0
67.5°	97.6	53.7	24.4	0.0
65°	114.7	58.6	26.8	0.0
62.5°	134.2	63.4	29.3	0.0
60°	151.3	68.3	31.7	0.0
57.5°	168.4	80.5	34.2	0.0
55°	183.0	90.3	36.6	0.0
52.5°	200.1	100.0	39.0	0.0
50°	214.7	109.8	41.5	0.0
47.5°	226.9	119.6	41.5	0.0
45°	236.7	126.9	43.9	0.0
42.5°	244.0	134.2	46.4	0.0
40°	251.3	141.5	48.8	0.0
37.5°	258.6	148.8	48.8	0.0
35°	266.0	156.2	51.2	0.0
32.5°	273.3	163.5	51.2	0.0
30°	278.2	168.4	53.7	0.0
27.5°	285.5	173.2	53.7	0.0
25°	287.9	178.1	56.1	0.0
22.5°	292.8	180.6	56.1	0.0
20°	297.7	185.4	56.1	0.0
17.5°	300.1	187.9	58.6	0.0
15°	300.1	190.3	61.0	0.0
12.5°	302.6	192.8	61.0	0.0
10°	302.6	197.6	58.6	0.0
7.5°	307.4	195.2	58.6	0.0
5°	305.0	195.2	58.6	0.0
2.5°	302.6	192.8	58.6	0.0
0°	300.1	192.8	58.6	0.0
-2.5°	300.1	192.8	58.6	0.0
-5°	300.1	192.8	58.6	0.0
-7.5°	297.7	195.2	58.6	0.0
-10°	292.8	195.2	58.6	0.0
-12.5°	290.4	187.9	58.6	0.0
-15°	287.9	185.4	58.6	0.0
-17.5°	283.0	183.0	56.1	0.0
-20°	278.2	180.6	56.1	0.0



REPORT NUMBER: P722062

CATALOG NUMBER: IFLD-M-SA4B-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	273.3	175.7	56.1	0.0
-25°	268.4	170.8	53.7	0.0
-27.5°	263.5	165.9	53.7	0.0
-30°	256.2	161.0	51.2	0.0
-32.5°	248.9	156.2	51.2	0.0
-35°	244.0	148.8	48.8	0.0
-37.5°	236.7	141.5	48.8	0.0
-40°	229.4	134.2	46.4	0.0
-42.5°	222.0	126.9	43.9	0.0
-45°	212.3	119.6	43.9	0.0
-47.5°	205.0	112.2	41.5	0.0
-50°	192.8	102.5	39.0	0.0
-52.5°	178.1	92.7	36.6	0.0
-55°	163.5	85.4	34.2	0.0
-57.5°	148.8	75.6	34.2	0.0
-60°	134.2	65.9	31.7	0.0
-62.5°	119.6	61.0	29.3	0.0
-65°	104.9	56.1	26.8	0.0
-67.5°	87.8	48.8	24.4	0.0
-70°	73.2	43.9	22.0	0.0
-72.5°	63.4	39.0	19.5	0.0
-75°	53.7	34.2	17.1	0.0
-77.5°	46.4	29.3	14.6	0.0
-80°	36.6	22.0	9.8	0.0
-82.5°	26.8	17.1	7.3	0.0
-85°	17.1	12.2	4.9	0.0
-87.5°	9.8	4.9	2.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)