

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: P724144

Luminaire Tested: **IFLD-M-SA4D-740-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724144
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-740-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (64) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

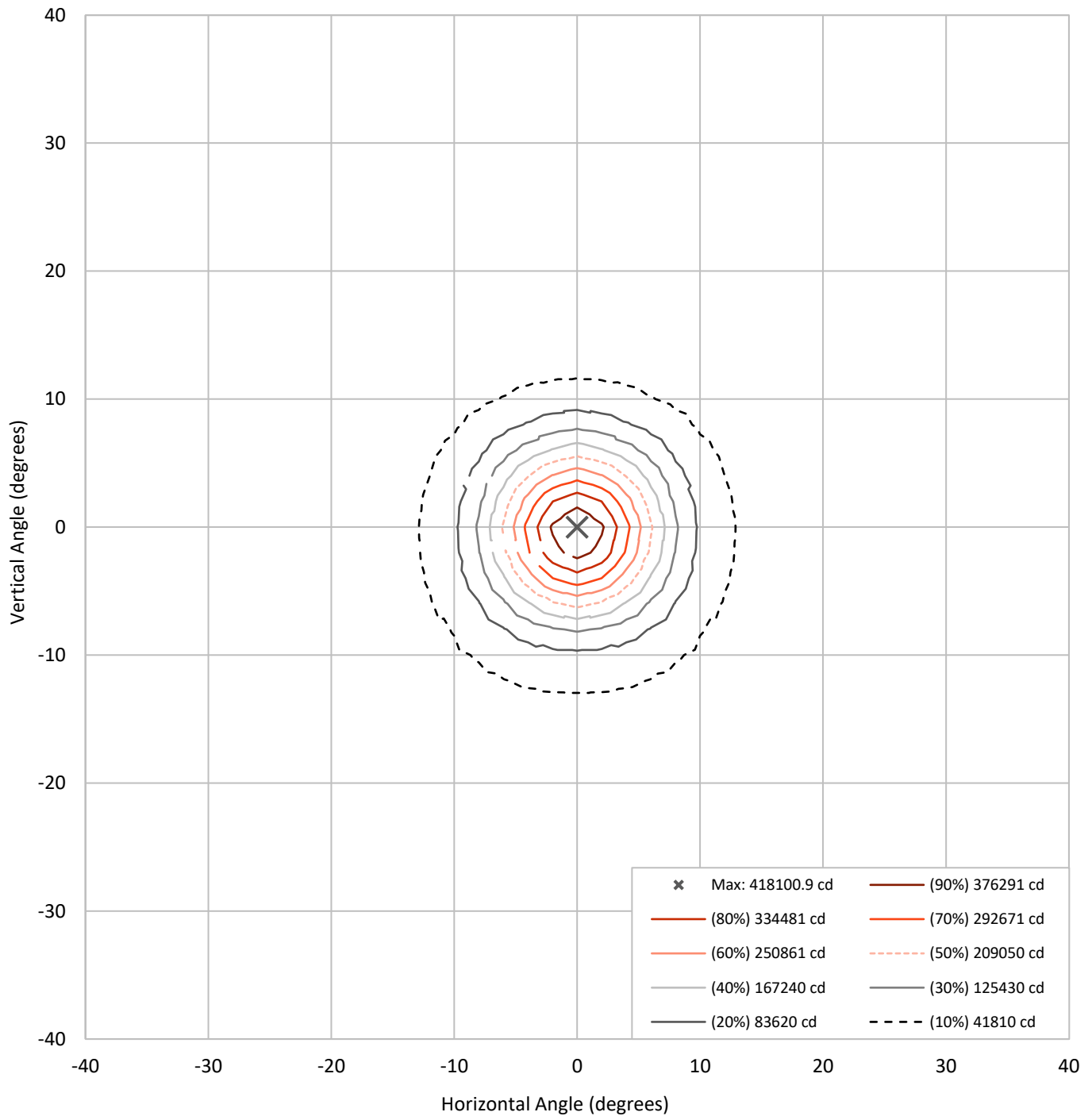
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	29204.5 lumens	Max Intensity:	418100.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	9136.5 lumens	Field Lumens:	20788.9 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 249.7
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





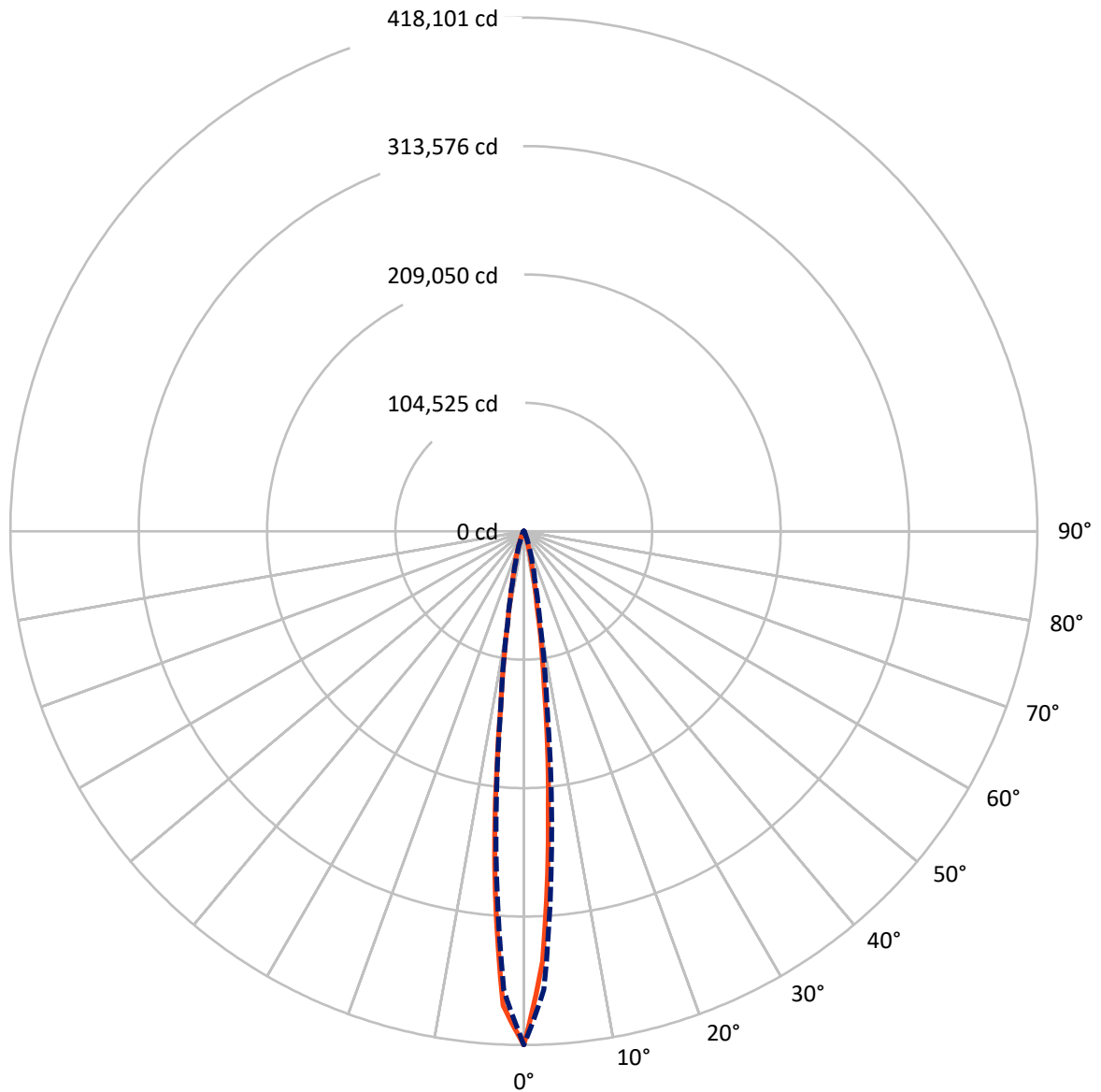
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Lumen Table

90	0.2	1.7	1.5	0.7	0.1	0.7	1.5	1.7	0.2						
80	0.2	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.2
70	0.2	0.2	0.3	0.8	1.5	2.3	2.8	3.2	3.2	2.8	2.3	1.5	0.8	0.3	0.2
60		0.2	0.9	2.4	4.2	5.9	7.8	9.1	9.1	7.8	5.9	4.2	2.4	0.9	0.2
50	0.2	0.5	2.0	4.4	7.5	11.7	17.8	21.2	21.2	17.8	11.7	7.5	4.4	2.0	0.5
40		0.9	3.1	6.4	11.7	20.2	39.0	62.9	62.9	39.0	20.2	11.7	6.4	3.1	0.9
30	0.3	1.3	4.2	8.8	17.8	44.1	230.1	582.1	582.1	230.1	44.1	17.8	8.8	4.2	1.3
20		1.6	5.0	10.3	21.7	89.5	741.1	4566.5	4566.5	741.1	89.5	21.7	10.3	5.0	1.6
10	0.5	1.9	5.4	10.9	22.6	102.0	815.4	5029.0	5029.0	815.4	102.0	22.6	10.9	5.4	1.9
0		2.0	5.7	10.8	21.2	61.1	366.0	882.0	882.0	366.0	61.1	21.2	10.8	5.7	2.0
-10	0.6	2.0	5.6	10.3	18.0	31.1	75.6	142.1	142.1	75.6	31.1	18.0	10.3	5.6	2.0
-20		1.8	5.2	9.6	14.9	22.1	31.2	36.7	36.7	31.2	22.1	14.9	9.6	5.2	1.8
-30	0.6	1.6	4.5	8.5	13.0	17.2	21.7	24.1	24.1	21.7	17.2	13.0	8.5	4.5	1.6
-40		1.3	3.6	7.2	11.4	15.0	18.4	20.1	20.1	18.4	15.0	11.4	7.2	3.6	1.3
-50	0.5	1.0	2.6	5.3	8.7	12.0	15.1	16.7	16.7	15.1	12.0	8.7	5.3	2.6	1.0
-60		0.3	4.0	10.9	20.2	24.3	20.2	10.9	4.0	0.3					
-70	0.3	4.0	10.9	20.2	24.3	20.2	10.9	4.0	0.3						
-80	0.3	4.0	10.9	20.2	24.3	20.2	10.9	4.0	0.3						
-90	0.3	4.0	10.9	20.2	24.3	20.2	10.9	4.0	0.3						

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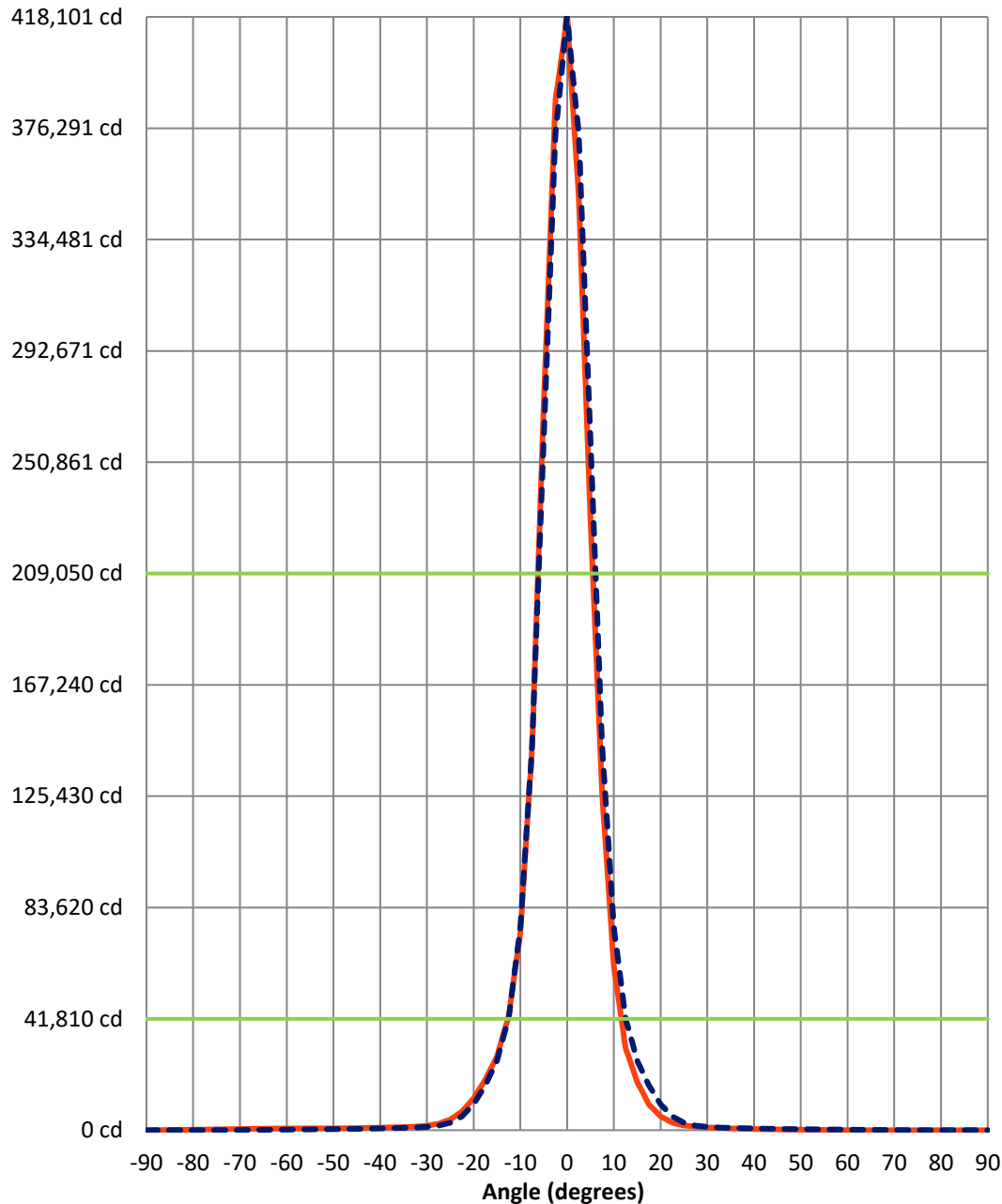
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.2°
V Angle: 11.7°
Lumens: 9136.5
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 20788.9
Efficiency: 71.2%

Spill:
Lumens: 8415.7
Efficiency: 28.8%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2
85°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	10.5	10.5
82.5°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	10.5	10.5	10.5
80°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	10.5	10.5	10.5
77.5°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	10.5
75°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
72.5°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
70°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
67.5°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
65°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
62.5°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
60°	10.5	10.5	10.5	10.5	15.7	15.7	20.9	20.9	20.9	10.5	20.9
57.5°	83.7	83.7	78.5	73.2	68.0	62.8	62.8	62.8	62.8	62.8	52.3
55°	115.1	115.1	115.1	109.9	109.9	104.6	99.4	94.2	94.2	88.9	83.7
52.5°	136.0	136.0	136.0	136.0	130.8	130.8	130.8	125.6	115.1	115.1	109.9
50°	193.6	188.4	188.4	188.4	188.4	177.9	172.7	162.2	157.0	151.7	146.5
47.5°	251.1	251.1	245.9	245.9	240.7	230.2	219.7	209.3	198.8	193.6	183.1
45°	298.2	298.2	293.0	293.0	287.8	277.3	261.6	245.9	235.4	225.0	214.5
42.5°	366.2	361.0	355.8	350.5	340.1	324.4	303.5	282.5	266.8	251.1	240.7
40°	439.5	439.5	434.3	429.0	413.3	397.6	371.5	345.3	319.2	287.8	272.1
37.5°	528.4	533.7	538.9	538.9	528.4	507.5	470.9	439.5	397.6	355.8	334.9
35°	690.6	690.6	701.1	701.1	685.4	659.2	633.1	565.1	512.7	460.4	413.3
32.5°	868.5	873.8	852.8	837.1	816.2	784.8	737.7	680.2	622.6	554.6	502.3
30°	1041.2	1041.2	1015.0	983.6	941.8	889.5	831.9	769.1	701.1	633.1	570.3
27.5°	1313.3	1287.1	1266.2	1213.8	1140.6	1041.2	967.9	868.5	779.6	701.1	633.1
25°	1763.2	1758.0	1710.9	1621.9	1475.4	1318.5	1198.1	1030.7	894.7	774.3	695.9
22.5°	2804.4	2767.8	2657.9	2438.2	2092.8	1820.8	1574.9	1313.3	1067.3	905.2	779.6
20°	5185.0	5064.7	4771.7	4164.7	3390.4	2856.7	2244.6	1805.1	1391.7	1088.3	899.9
17.5°	9674.1	9595.6	9485.8	8083.6	6508.7	5378.6	4002.5	2767.8	1977.7	1423.1	1067.3
15°	18134.4	17553.6	16339.8	14660.3	12457.6	9627.0	7079.0	4468.2	2825.3	1894.0	1355.1
12.5°	31000.1	30356.5	27222.5	23021.2	19060.5	15031.8	10553.1	6791.2	4023.5	2406.8	1606.2
10°	61770.0	57097.7	48323.5	36064.7	28148.6	20991.1	14817.3	9266.0	5237.3	3039.8	1904.5
7.5°	126517.0	111249.8	85727.7	60519.5	39172.6	27531.2	18924.4	12117.5	6979.6	3803.7	2176.5
5°	229306.5	202220.0	152347.8	91734.1	56883.2	34505.6	22456.1	14409.2	8261.5	4426.3	2448.6
2.5°	350136.2	315096.9	220255.0	126140.3	70141.3	39905.1	24925.6	15916.0	9077.7	4850.1	2657.9
0°	418100.9	373471.2	259385.7	144415.9	76456.4	42196.7	26134.2	16821.1	9768.3	5195.5	2793.9
-2.5°	386221.8	350293.1	238378.9	134150.6	73060.8	41192.2	26306.9	17046.1	9883.4	5289.6	2856.7
-5°	272209.5	242721.5	164941.4	98996.2	61989.7	37943.1	24821.0	16198.5	9564.2	5153.6	2830.6
-7.5°	144013.1	130671.2	97819.0	71135.4	45247.0	32114.5	22346.2	14696.9	8737.6	4787.4	2673.6
-10°	74405.4	71669.1	61759.5	46555.1	36614.1	26903.4	19070.9	12567.5	7304.0	4122.9	2406.8
-12.5°	42897.8	42432.2	39245.8	33689.4	28075.4	22100.3	15649.2	10249.6	6095.4	3416.5	2030.0
-15°	27777.1	27975.9	26866.7	24554.2	21357.4	16538.6	12023.3	7623.1	4510.1	2767.8	1789.4
-17.5°	18955.8	18903.5	18385.5	16800.2	14226.0	11170.5	7968.5	5383.8	3416.5	2155.6	1485.9
-20°	11991.9	12012.9	11531.5	10438.0	8544.0	6885.4	4960.0	3631.1	2422.5	1695.2	1313.3



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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°	6958.7	6974.4	6670.9	6053.5	5059.4	4081.0	3223.0	2401.5	1784.1	1412.7	1151.1
-25°	3997.3	3934.5	3814.2	3516.0	3050.3	2516.6	2139.9	1690.0	1428.4	1198.1	1051.6
-27.5°	2422.5	2380.6	2317.8	2187.0	2003.9	1737.1	1564.4	1365.6	1213.8	1077.8	988.9
-30°	1690.0	1705.7	1653.3	1585.3	1501.6	1381.3	1287.1	1192.9	1093.5	1009.8	926.1
-32.5°	1344.6	1355.1	1328.9	1302.8	1260.9	1213.8	1156.3	1088.3	1009.8	931.3	852.8
-35°	1156.3	1161.5	1161.5	1156.3	1145.8	1109.2	1067.3	1004.6	931.3	858.1	790.0
-37.5°	1062.1	1067.3	1067.3	1062.1	1046.4	1015.0	973.2	920.8	852.8	784.8	732.5
-40°	962.7	967.9	962.7	952.2	936.5	905.2	873.8	831.9	779.6	722.0	674.9
-42.5°	868.5	863.3	858.1	847.6	831.9	811.0	784.8	753.4	716.8	674.9	638.3
-45°	779.6	779.6	774.3	769.1	758.7	743.0	727.3	701.1	674.9	643.5	612.2
-47.5°	732.5	732.5	727.3	722.0	716.8	706.3	690.6	669.7	648.8	622.6	596.5
-50°	701.1	701.1	701.1	695.9	690.6	680.2	664.5	648.8	627.8	601.7	575.5
-52.5°	680.2	680.2	680.2	674.9	669.7	664.5	648.8	627.8	601.7	580.8	559.8
-55°	669.7	664.5	664.5	659.2	654.0	648.8	627.8	606.9	586.0	565.1	544.1
-57.5°	654.0	648.8	648.8	643.5	638.3	633.1	612.2	591.2	570.3	544.1	528.4
-60°	638.3	633.1	633.1	622.6	617.4	612.2	591.2	570.3	549.4	528.4	507.5
-62.5°	617.4	612.2	606.9	601.7	591.2	580.8	565.1	544.1	518.0	497.0	476.1
-65°	570.3	565.1	559.8	554.6	549.4	544.1	528.4	502.3	481.4	460.4	439.5
-67.5°	512.7	512.7	512.7	502.3	497.0	486.6	476.1	455.2	434.3	413.3	397.6
-70°	444.7	444.7	444.7	434.3	429.0	423.8	408.1	392.4	376.7	361.0	340.1
-72.5°	376.7	371.5	371.5	366.2	355.8	350.5	340.1	329.6	313.9	303.5	287.8
-75°	308.7	303.5	303.5	298.2	293.0	287.8	277.3	272.1	261.6	251.1	235.4
-77.5°	245.9	245.9	245.9	240.7	235.4	230.2	225.0	219.7	214.5	204.1	193.6
-80°	188.4	188.4	188.4	188.4	188.4	188.4	188.4	183.1	172.7	167.4	162.2
-82.5°	136.0	141.3	141.3	141.3	141.3	141.3	141.3	141.3	136.0	130.8	125.6
-85°	88.9	94.2	94.2	99.4	104.6	104.6	109.9	104.6	99.4	88.9	83.7
-87.5°	47.1	47.1	47.1	47.1	47.1	47.1	47.1	41.9	41.9	41.9	36.6
-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°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	10.5	10.5	10.5
85°	10.5	10.5	10.5	10.5	15.7	15.7	15.7	20.9	20.9	20.9	20.9
82.5°	10.5	15.7	15.7	15.7	20.9	20.9	26.2	31.4	41.9	47.1	47.1
80°	10.5	15.7	15.7	15.7	20.9	20.9	26.2	26.2	31.4	36.6	47.1
77.5°	10.5	10.5	15.7	15.7	15.7	20.9	20.9	26.2	26.2	31.4	36.6
75°	5.2	10.5	10.5	10.5	15.7	15.7	20.9	20.9	26.2	26.2	31.4
72.5°	5.2	10.5	10.5	10.5	15.7	15.7	20.9	20.9	20.9	26.2	26.2
70°	5.2	10.5	10.5	10.5	10.5	15.7	15.7	15.7	20.9	20.9	20.9
67.5°	5.2	5.2	5.2	10.5	10.5	10.5	10.5	15.7	15.7	15.7	20.9
65°	5.2	5.2	5.2	5.2	10.5	10.5	10.5	10.5	15.7	15.7	15.7
62.5°	5.2	5.2	5.2	10.5	10.5	10.5	10.5	10.5	15.7	15.7	15.7
60°	20.9	20.9	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
57.5°	47.1	47.1	41.9	36.6	31.4	31.4	26.2	20.9	20.9	15.7	15.7
55°	78.5	73.2	68.0	57.6	52.3	47.1	41.9	31.4	26.2	20.9	15.7
52.5°	99.4	94.2	88.9	83.7	73.2	62.8	57.6	52.3	41.9	31.4	26.2
50°	146.5	130.8	120.3	109.9	99.4	88.9	78.5	73.2	57.6	47.1	36.6
47.5°	177.9	167.4	151.7	141.3	130.8	115.1	99.4	88.9	78.5	62.8	47.1
45°	204.1	193.6	177.9	167.4	157.0	141.3	125.6	109.9	99.4	83.7	62.8
42.5°	230.2	219.7	204.1	193.6	177.9	162.2	146.5	130.8	115.1	104.6	83.7
40°	266.8	251.1	230.2	219.7	209.3	188.4	167.4	151.7	136.0	120.3	99.4
37.5°	313.9	298.2	272.1	251.1	235.4	219.7	198.8	177.9	162.2	141.3	120.3
35°	387.2	361.0	324.4	293.0	272.1	251.1	225.0	204.1	183.1	162.2	141.3
32.5°	460.4	418.6	371.5	334.9	303.5	277.3	251.1	230.2	204.1	177.9	157.0
30°	518.0	470.9	423.8	371.5	334.9	303.5	277.3	251.1	225.0	198.8	172.7
27.5°	575.5	523.2	470.9	418.6	366.2	324.4	298.2	272.1	245.9	219.7	188.4
25°	633.1	575.5	523.2	465.7	402.9	355.8	319.2	298.2	272.1	240.7	204.1
22.5°	685.4	633.1	580.8	518.0	444.7	381.9	345.3	319.2	293.0	256.4	225.0
20°	784.8	716.8	654.0	575.5	491.8	429.0	381.9	345.3	313.9	277.3	240.7
17.5°	915.6	816.2	732.5	643.5	559.8	481.4	413.3	371.5	340.1	298.2	256.4
15°	1083.0	910.4	805.7	716.8	617.4	528.4	455.2	397.6	355.8	313.9	277.3
12.5°	1208.6	983.6	868.5	784.8	680.2	580.8	486.6	418.6	371.5	329.6	287.8
10°	1349.9	1062.1	920.8	826.7	716.8	606.9	507.5	434.3	381.9	345.3	303.5
7.5°	1465.0	1124.9	947.0	842.4	737.7	627.8	528.4	450.0	397.6	355.8	313.9
5°	1569.6	1177.2	967.9	847.6	748.2	643.5	538.9	460.4	408.1	366.2	324.4
2.5°	1642.9	1224.3	988.9	858.1	758.7	654.0	554.6	470.9	418.6	376.7	334.9
0°	1705.7	1240.0	983.6	858.1	763.9	654.0	559.8	476.1	423.8	381.9	340.1
-2.5°	1726.6	1266.2	1009.8	868.5	774.3	664.5	570.3	481.4	429.0	387.2	350.5
-5°	1726.6	1245.2	1009.8	879.0	779.6	669.7	570.3	486.6	434.3	392.4	350.5
-7.5°	1663.8	1213.8	1004.6	889.5	784.8	674.9	570.3	491.8	439.5	397.6	355.8
-10°	1553.9	1166.8	999.3	894.7	784.8	669.7	570.3	491.8	439.5	397.6	361.0
-12.5°	1376.0	1104.0	973.2	884.2	774.3	659.2	565.1	491.8	439.5	402.9	361.0
-15°	1287.1	1051.6	941.8	852.8	748.2	643.5	554.6	486.6	439.5	402.9	366.2
-17.5°	1166.8	1009.8	910.4	821.4	727.3	627.8	544.1	486.6	439.5	397.6	366.2
-20°	1083.0	962.7	873.8	795.3	701.1	612.2	538.9	481.4	439.5	397.6	366.2



REPORT NUMBER: P724144

CATALOG NUMBER: IFLD-M-SA4D-740-U-22-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1009.8	910.4	831.9	753.4	669.7	591.2	528.4	476.1	434.3	397.6	366.2
-25°	952.2	863.3	790.0	716.8	643.5	575.5	518.0	470.9	429.0	397.6	361.0
-27.5°	899.9	816.2	748.2	680.2	612.2	559.8	507.5	465.7	429.0	392.4	355.8
-30°	842.4	774.3	706.3	643.5	596.5	544.1	497.0	455.2	423.8	387.2	350.5
-32.5°	784.8	722.0	664.5	617.4	575.5	533.7	491.8	450.0	413.3	376.7	340.1
-35°	732.5	674.9	633.1	591.2	559.8	523.2	481.4	439.5	408.1	371.5	340.1
-37.5°	680.2	638.3	601.7	570.3	538.9	507.5	465.7	429.0	397.6	361.0	324.4
-40°	638.3	606.9	580.8	554.6	523.2	486.6	455.2	418.6	387.2	350.5	308.7
-42.5°	612.2	586.0	559.8	533.7	507.5	476.1	444.7	408.1	376.7	340.1	298.2
-45°	586.0	565.1	544.1	523.2	497.0	465.7	429.0	392.4	361.0	324.4	293.0
-47.5°	570.3	549.4	528.4	512.7	491.8	450.0	418.6	381.9	345.3	313.9	277.3
-50°	554.6	533.7	518.0	497.0	470.9	434.3	402.9	366.2	334.9	298.2	266.8
-52.5°	538.9	518.0	497.0	476.1	450.0	418.6	387.2	355.8	319.2	282.5	251.1
-55°	523.2	502.3	481.4	460.4	434.3	408.1	376.7	334.9	298.2	261.6	230.2
-57.5°	507.5	491.8	465.7	439.5	413.3	387.2	350.5	313.9	277.3	240.7	214.5
-60°	486.6	465.7	444.7	413.3	387.2	355.8	324.4	293.0	256.4	225.0	198.8
-62.5°	455.2	434.3	413.3	381.9	355.8	329.6	303.5	266.8	240.7	209.3	183.1
-65°	418.6	397.6	376.7	350.5	324.4	298.2	277.3	245.9	219.7	193.6	172.7
-67.5°	376.7	355.8	340.1	313.9	293.0	266.8	245.9	219.7	193.6	172.7	151.7
-70°	324.4	308.7	293.0	272.1	251.1	230.2	209.3	188.4	167.4	151.7	130.8
-72.5°	277.3	261.6	245.9	230.2	214.5	193.6	177.9	162.2	146.5	130.8	120.3
-75°	225.0	214.5	204.1	193.6	177.9	162.2	151.7	136.0	125.6	115.1	109.9
-77.5°	188.4	177.9	167.4	157.0	146.5	136.0	125.6	115.1	109.9	104.6	99.4
-80°	151.7	146.5	141.3	130.8	125.6	115.1	109.9	99.4	99.4	99.4	99.4
-82.5°	120.3	115.1	109.9	104.6	99.4	94.2	94.2	88.9	94.2	94.2	88.9
-85°	83.7	78.5	73.2	73.2	68.0	68.0	62.8	62.8	62.8	57.6	57.6
-87.5°	36.6	36.6	36.6	36.6	31.4	31.4	31.4	31.4	31.4	26.2	26.2
-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: P724144
 CATALOG NUMBER: IFLD-M-SA4D-740-U-22-VI

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°	10.5	10.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	0.0	0.0
85°	20.9	20.9	15.7	15.7	15.7	10.5	10.5	5.2	5.2	5.2	5.2
82.5°	47.1	41.9	36.6	31.4	26.2	20.9	15.7	10.5	10.5	5.2	5.2
80°	57.6	57.6	57.6	52.3	41.9	31.4	20.9	15.7	10.5	5.2	5.2
77.5°	41.9	41.9	47.1	52.3	52.3	41.9	26.2	15.7	10.5	10.5	5.2
75°	31.4	31.4	31.4	36.6	41.9	41.9	31.4	20.9	10.5	10.5	5.2
72.5°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	20.9	15.7	10.5	10.5
70°	26.2	26.2	26.2	26.2	26.2	26.2	26.2	20.9	15.7	10.5	10.5
67.5°	20.9	20.9	26.2	26.2	26.2	20.9	20.9	20.9	15.7	10.5	10.5
65°	15.7	20.9	20.9	26.2	20.9	20.9	20.9	15.7	15.7	10.5	10.5
62.5°	15.7	15.7	20.9	20.9	20.9	20.9	15.7	15.7	15.7	10.5	10.5
60°	15.7	15.7	15.7	20.9	15.7	15.7	15.7	15.7	15.7	10.5	10.5
57.5°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	10.5	10.5	10.5	10.5
55°	15.7	15.7	15.7	15.7	15.7	15.7	10.5	10.5	10.5	10.5	10.5
52.5°	20.9	15.7	15.7	15.7	15.7	15.7	10.5	10.5	10.5	10.5	10.5
50°	26.2	15.7	15.7	15.7	15.7	10.5	10.5	10.5	10.5	10.5	10.5
47.5°	36.6	26.2	20.9	15.7	15.7	10.5	10.5	10.5	10.5	10.5	5.2
45°	52.3	36.6	26.2	20.9	15.7	10.5	10.5	10.5	10.5	10.5	5.2
42.5°	62.8	47.1	31.4	26.2	20.9	15.7	10.5	10.5	10.5	5.2	5.2
40°	78.5	62.8	41.9	31.4	20.9	15.7	10.5	10.5	10.5	5.2	5.2
37.5°	99.4	78.5	52.3	36.6	26.2	15.7	15.7	10.5	10.5	5.2	5.2
35°	115.1	88.9	68.0	41.9	31.4	20.9	15.7	10.5	10.5	5.2	5.2
32.5°	130.8	104.6	83.7	52.3	36.6	26.2	20.9	10.5	10.5	5.2	5.2
30°	146.5	120.3	94.2	68.0	47.1	31.4	20.9	10.5	10.5	5.2	5.2
27.5°	162.2	130.8	104.6	78.5	52.3	36.6	26.2	15.7	10.5	5.2	5.2
25°	177.9	146.5	115.1	88.9	57.6	41.9	26.2	15.7	10.5	10.5	5.2
22.5°	188.4	162.2	130.8	99.4	68.0	47.1	31.4	20.9	10.5	10.5	5.2
20°	204.1	177.9	141.3	109.9	78.5	52.3	31.4	20.9	10.5	10.5	5.2
17.5°	219.7	188.4	151.7	120.3	88.9	57.6	36.6	26.2	10.5	10.5	5.2
15°	235.4	198.8	162.2	125.6	94.2	62.8	36.6	26.2	10.5	10.5	5.2
12.5°	251.1	214.5	172.7	136.0	99.4	68.0	41.9	31.4	15.7	10.5	5.2
10°	261.6	225.0	183.1	141.3	104.6	78.5	47.1	31.4	15.7	10.5	5.2
7.5°	277.3	235.4	193.6	151.7	109.9	83.7	52.3	31.4	15.7	10.5	5.2
5°	282.5	245.9	198.8	162.2	115.1	88.9	57.6	36.6	15.7	10.5	5.2
2.5°	287.8	256.4	204.1	167.4	120.3	88.9	57.6	36.6	20.9	10.5	5.2
0°	293.0	261.6	209.3	172.7	125.6	94.2	62.8	36.6	20.9	10.5	5.2
-2.5°	298.2	266.8	219.7	177.9	130.8	99.4	68.0	36.6	20.9	10.5	5.2
-5°	303.5	266.8	230.2	183.1	136.0	99.4	68.0	41.9	26.2	10.5	5.2
-7.5°	308.7	272.1	235.4	188.4	141.3	99.4	73.2	41.9	26.2	15.7	5.2
-10°	313.9	277.3	240.7	193.6	141.3	104.6	73.2	41.9	26.2	15.7	5.2
-12.5°	319.2	282.5	240.7	193.6	146.5	104.6	73.2	47.1	26.2	15.7	5.2
-15°	324.4	282.5	240.7	193.6	146.5	109.9	78.5	47.1	26.2	15.7	10.5
-17.5°	324.4	282.5	240.7	198.8	146.5	109.9	78.5	47.1	26.2	15.7	10.5
-20°	324.4	282.5	240.7	198.8	146.5	109.9	78.5	47.1	26.2	15.7	10.5



REPORT NUMBER: P724144
 CATALOG NUMBER: IFLD-M-SA4D-740-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	319.2	277.3	240.7	193.6	146.5	109.9	78.5	47.1	31.4	15.7	10.5
-25°	319.2	277.3	240.7	193.6	146.5	109.9	73.2	47.1	31.4	15.7	10.5
-27.5°	313.9	277.3	235.4	188.4	141.3	104.6	73.2	47.1	31.4	15.7	10.5
-30°	308.7	272.1	230.2	183.1	141.3	104.6	73.2	47.1	31.4	15.7	10.5
-32.5°	303.5	261.6	225.0	177.9	136.0	99.4	73.2	47.1	31.4	15.7	10.5
-35°	293.0	256.4	214.5	172.7	130.8	99.4	68.0	47.1	31.4	20.9	10.5
-37.5°	282.5	245.9	209.3	167.4	125.6	94.2	68.0	47.1	31.4	20.9	10.5
-40°	272.1	240.7	198.8	157.0	120.3	88.9	68.0	47.1	31.4	20.9	15.7
-42.5°	261.6	230.2	193.6	151.7	120.3	88.9	62.8	47.1	31.4	20.9	15.7
-45°	256.4	225.0	183.1	146.5	115.1	88.9	62.8	41.9	31.4	20.9	15.7
-47.5°	245.9	209.3	172.7	141.3	109.9	83.7	57.6	41.9	31.4	20.9	15.7
-50°	230.2	198.8	167.4	136.0	104.6	78.5	57.6	41.9	31.4	20.9	15.7
-52.5°	214.5	183.1	157.0	125.6	99.4	78.5	57.6	41.9	31.4	20.9	15.7
-55°	198.8	172.7	146.5	120.3	94.2	73.2	52.3	41.9	31.4	20.9	15.7
-57.5°	188.4	162.2	136.0	109.9	88.9	68.0	52.3	36.6	26.2	20.9	15.7
-60°	177.9	151.7	125.6	104.6	83.7	68.0	52.3	36.6	26.2	20.9	10.5
-62.5°	162.2	141.3	115.1	99.4	78.5	62.8	47.1	36.6	26.2	20.9	10.5
-65°	146.5	125.6	104.6	88.9	73.2	57.6	47.1	36.6	26.2	20.9	10.5
-67.5°	130.8	115.1	99.4	83.7	68.0	57.6	47.1	36.6	26.2	15.7	10.5
-70°	120.3	104.6	88.9	78.5	68.0	52.3	47.1	36.6	26.2	15.7	10.5
-72.5°	104.6	94.2	83.7	73.2	62.8	57.6	47.1	36.6	20.9	15.7	10.5
-75°	99.4	88.9	78.5	73.2	68.0	57.6	47.1	31.4	20.9	15.7	10.5
-77.5°	99.4	88.9	83.7	78.5	68.0	57.6	41.9	26.2	15.7	15.7	10.5
-80°	99.4	94.2	88.9	73.2	62.8	47.1	31.4	26.2	15.7	10.5	5.2
-82.5°	88.9	73.2	62.8	52.3	47.1	36.6	26.2	20.9	10.5	10.5	5.2
-85°	57.6	47.1	41.9	36.6	31.4	26.2	15.7	10.5	10.5	5.2	5.2
-87.5°	26.2	26.2	20.9	15.7	15.7	10.5	10.5	5.2	5.2	5.2	0.0
-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: P724144
 CATALOG NUMBER: IFLD-M-SA4D-740-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	5.2	0.0	0.0	0.0
77.5°	5.2	0.0	0.0	0.0
75°	5.2	5.2	0.0	0.0
72.5°	5.2	5.2	0.0	0.0
70°	5.2	5.2	0.0	0.0
67.5°	5.2	5.2	0.0	0.0
65°	5.2	5.2	0.0	0.0
62.5°	5.2	5.2	0.0	0.0
60°	5.2	5.2	0.0	0.0
57.5°	5.2	5.2	5.2	0.0
55°	5.2	5.2	5.2	0.0
52.5°	5.2	5.2	5.2	0.0
50°	5.2	5.2	5.2	0.0
47.5°	5.2	5.2	5.2	0.0
45°	5.2	5.2	5.2	0.0
42.5°	5.2	5.2	5.2	0.0
40°	5.2	5.2	5.2	0.0
37.5°	5.2	5.2	5.2	0.0
35°	5.2	5.2	5.2	0.0
32.5°	5.2	5.2	5.2	0.0
30°	5.2	5.2	5.2	0.0
27.5°	5.2	5.2	5.2	0.0
25°	5.2	5.2	5.2	0.0
22.5°	5.2	5.2	5.2	0.0
20°	5.2	5.2	5.2	0.0
17.5°	5.2	5.2	5.2	0.0
15°	5.2	5.2	5.2	0.0
12.5°	5.2	5.2	5.2	0.0
10°	5.2	5.2	5.2	0.0
7.5°	5.2	5.2	5.2	0.0
5°	5.2	5.2	5.2	0.0
2.5°	5.2	5.2	5.2	0.0
0°	5.2	5.2	5.2	0.0
-2.5°	5.2	5.2	5.2	0.0
-5°	5.2	5.2	5.2	0.0
-7.5°	5.2	5.2	5.2	0.0
-10°	5.2	5.2	5.2	0.0
-12.5°	5.2	5.2	5.2	0.0
-15°	5.2	5.2	5.2	0.0
-17.5°	5.2	5.2	5.2	0.0
-20°	5.2	5.2	5.2	0.0



REPORT NUMBER: P724144
CATALOG NUMBER: IFLD-M-SA4D-740-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	5.2	5.2	5.2	0.0
-25°	5.2	5.2	5.2	0.0
-27.5°	5.2	5.2	5.2	0.0
-30°	5.2	5.2	5.2	0.0
-32.5°	5.2	5.2	5.2	0.0
-35°	5.2	5.2	5.2	0.0
-37.5°	5.2	5.2	5.2	0.0
-40°	5.2	5.2	5.2	0.0
-42.5°	5.2	5.2	5.2	0.0
-45°	5.2	5.2	5.2	0.0
-47.5°	5.2	5.2	5.2	0.0
-50°	5.2	5.2	5.2	0.0
-52.5°	5.2	5.2	5.2	0.0
-55°	5.2	5.2	5.2	0.0
-57.5°	5.2	5.2	5.2	0.0
-60°	5.2	5.2	0.0	0.0
-62.5°	5.2	5.2	0.0	0.0
-65°	5.2	5.2	0.0	0.0
-67.5°	5.2	5.2	0.0	0.0
-70°	5.2	5.2	0.0	0.0
-72.5°	5.2	5.2	0.0	0.0
-75°	5.2	5.2	0.0	0.0
-77.5°	5.2	0.0	0.0	0.0
-80°	5.2	0.0	0.0	0.0
-82.5°	5.2	0.0	0.0	0.0
-85°	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)