

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: P724055

Luminaire Tested: **IFLD-M-SA4B-727-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724055
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-727-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (64) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

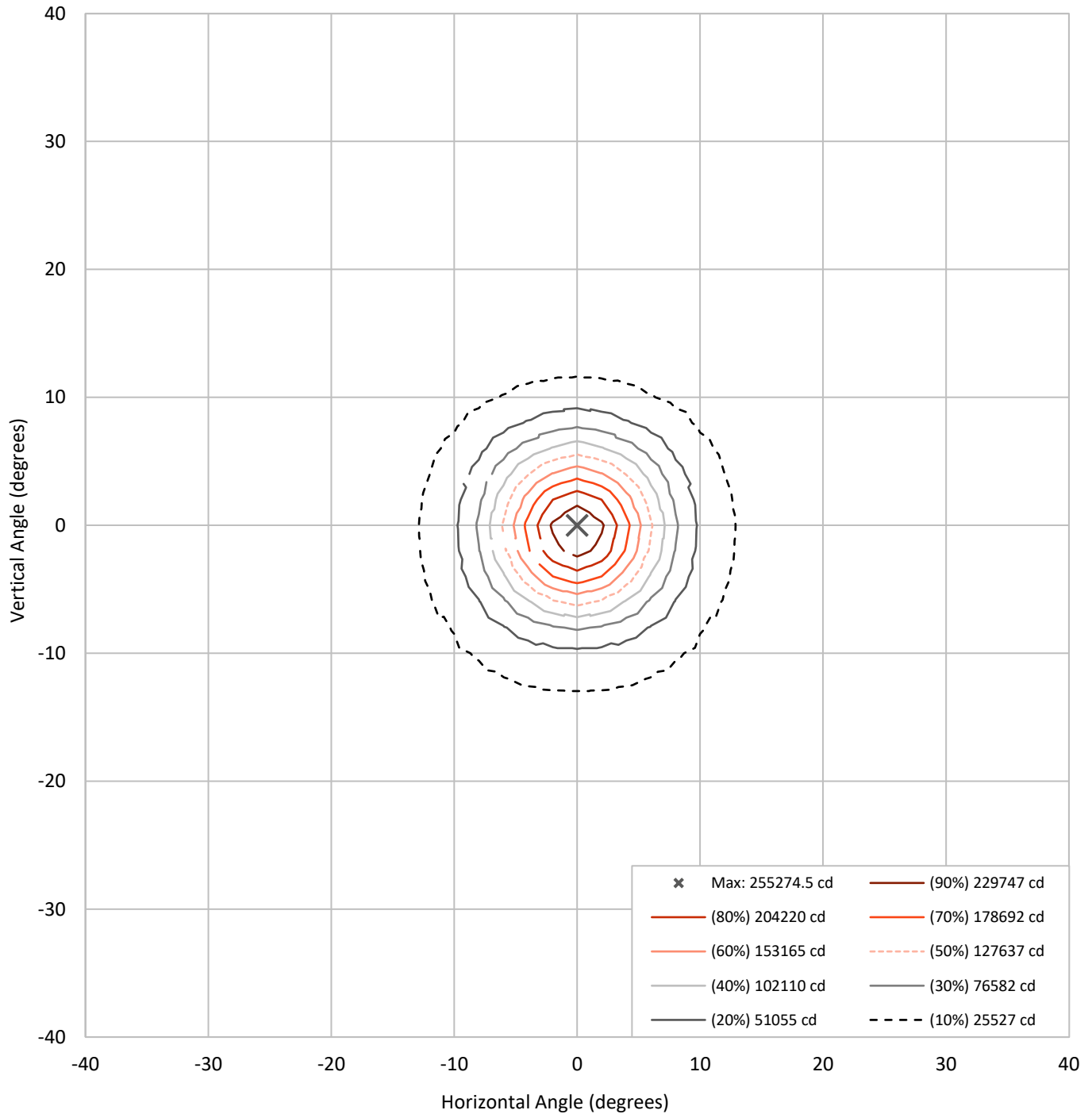
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	17831.1 lumens	Max Intensity:	255274.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	5578.4 lumens	Field Lumens:	12692.8 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

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



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Iso-Candela Plot





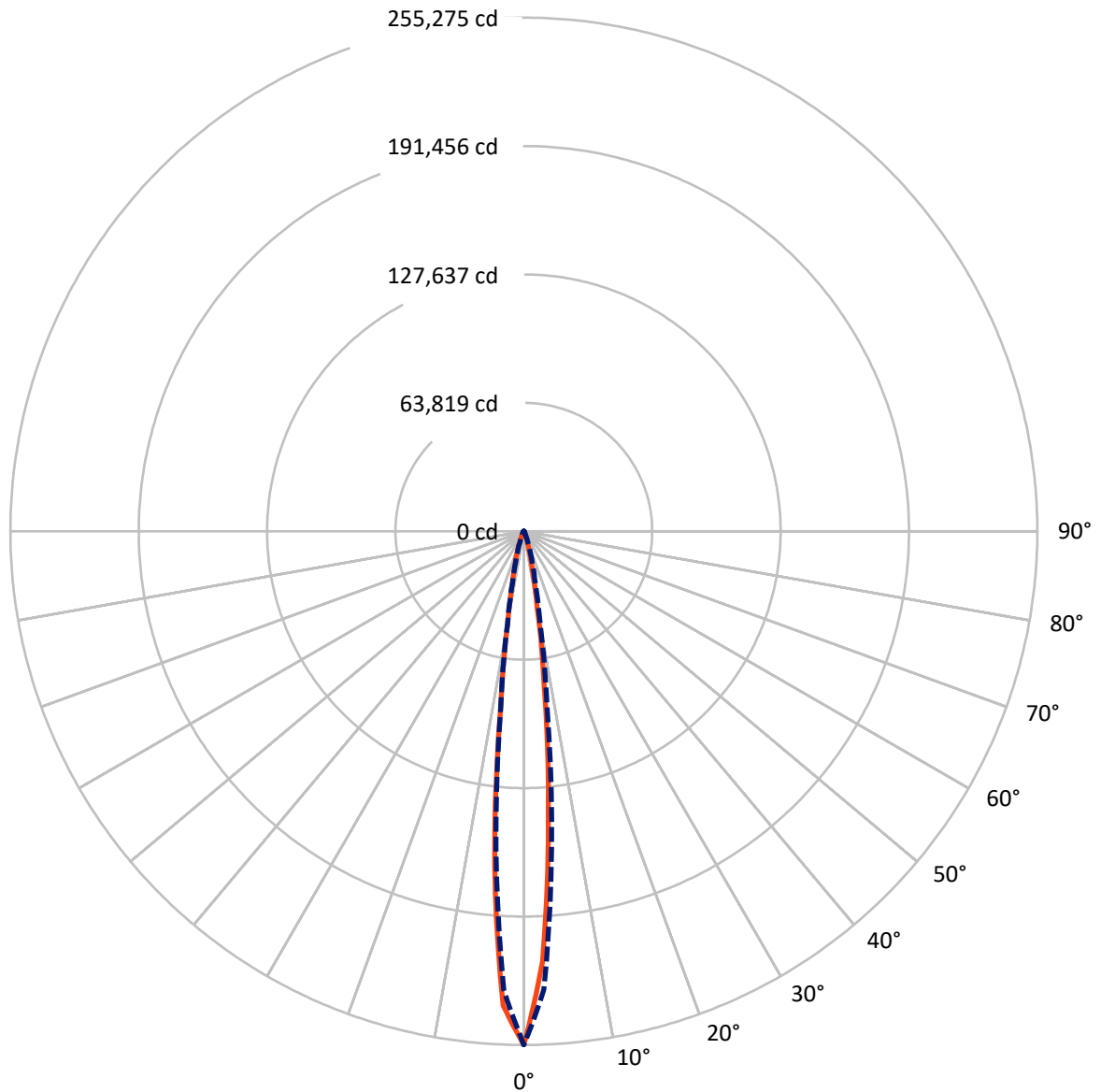
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Lumen Table

90	0.1	1.1	0.9	0.4	0.0	0.4	0.9	1.1	0.1							
80	0.1	1.1	0.9	0.4	0.0	0.4	0.9	1.1	0.1							
70	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.1
60		0.1	0.2	0.5	0.9	1.4	1.7	2.0	2.0	1.7	1.4	0.9	0.5	0.2	0.1	
50	0.1	0.1	0.6	1.5	2.5	3.6	4.7	5.6	5.6	4.7	3.6	2.5	1.5	0.6	0.1	0.1
40		0.3	1.2	2.7	4.6	7.2	10.8	13.0	13.0	10.8	7.2	4.6	2.7	1.2	0.3	
30	0.2	0.5	1.9	3.9	7.2	12.3	23.8	38.4	38.4	23.8	12.3	7.2	3.9	1.9	0.5	0.2
20		0.8	2.6	5.4	10.9	26.9	140.5	355.4	355.4	140.5	26.9	10.9	5.4	2.6	0.8	
10	0.3	1.0	3.0	6.3	13.2	54.6	452.5	2788.1	2788.1	452.5	54.6	13.2	6.3	3.0	1.0	0.3
0		1.1	3.3	6.7	13.8	62.3	497.9	3070.5	3070.5	497.9	62.3	13.8	6.7	3.3	1.1	
-10	0.4	1.2	3.5	6.6	13.0	37.3	223.5	538.5	538.5	223.5	37.3	13.0	6.6	3.5	1.2	0.4
-20		1.2	3.4	6.3	11.0	19.0	46.2	86.8	86.8	46.2	19.0	11.0	6.3	3.4	1.2	
-30	0.4	1.1	3.2	5.8	9.1	13.5	19.1	22.4	22.4	19.1	13.5	9.1	5.8	3.2	1.1	0.4
-40		0.9	2.7	5.2	7.9	10.5	13.3	14.7	14.7	13.3	10.5	7.9	5.2	2.7	0.9	
-50	0.3	0.8	2.2	4.4	7.0	9.2	11.2	12.3	12.3	11.2	9.2	7.0	4.4	2.2	0.8	0.3
-60		0.6	1.6	3.2	5.3	7.3	9.2	10.2	10.2	9.2	7.3	5.3	3.2	1.6	0.6	
-70	0.2	0.6	1.6	3.2	5.3	7.3	9.2	10.2	10.2	9.2	7.3	5.3	3.2	1.6	0.6	0.2
-80		0.2	2.4	6.7	12.3	14.9	12.3	6.7	2.4	0.2						
-90	0.2	2.4	6.7	12.3	14.9	12.3	6.7	2.4	0.2							

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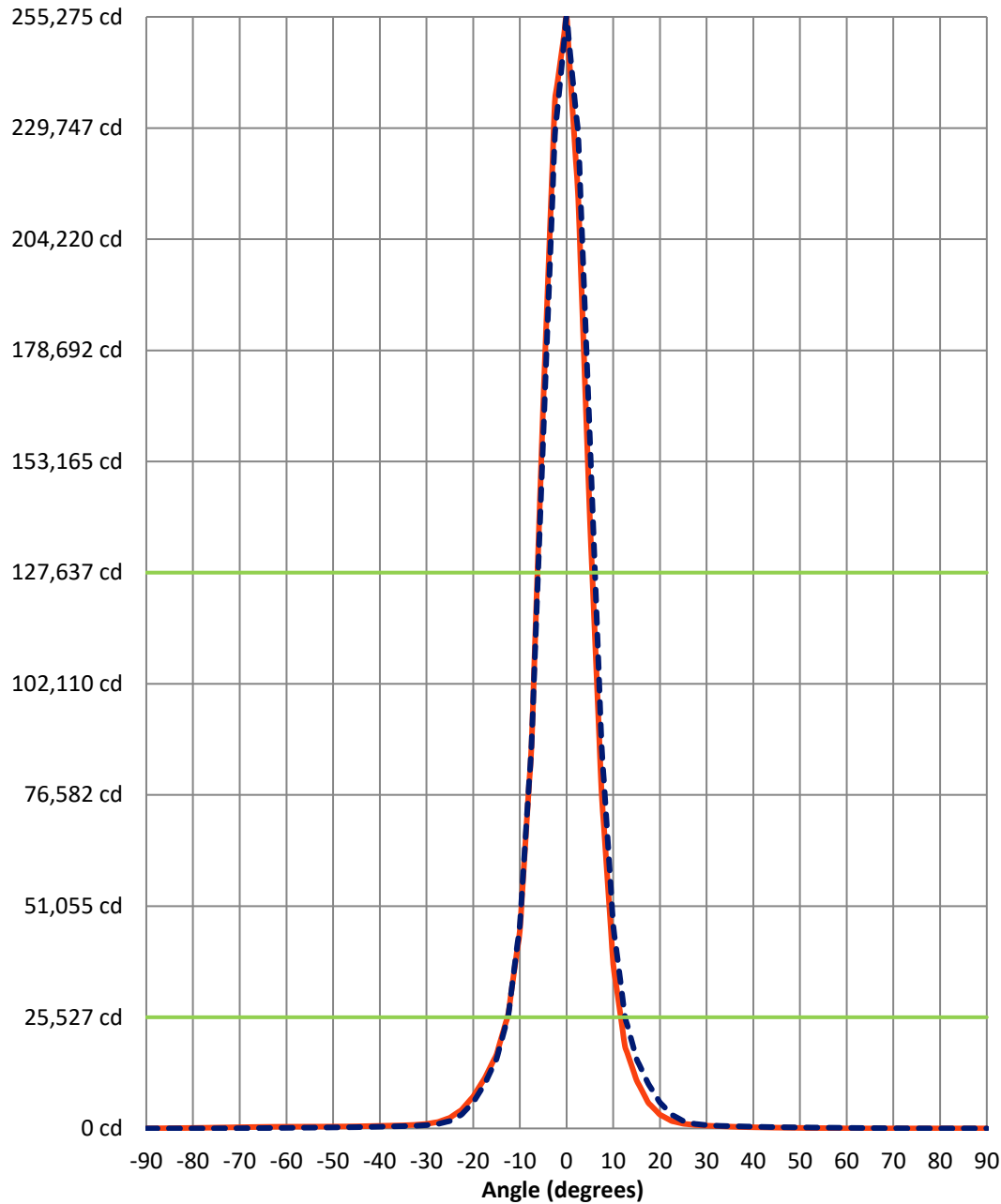
Luminous Intensity Polar Plot



— 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: 5578.4
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 12692.8
Efficiency: 71.2%

Spill:
Lumens: 5138.3
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	3.2	3.2
85°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	6.4	6.4
82.5°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	6.4	6.4	6.4
80°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	6.4	6.4	6.4
77.5°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	6.4
75°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
72.5°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
70°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
67.5°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
65°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
62.5°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
60°	6.4	6.4	6.4	6.4	9.6	9.6	12.8	12.8	12.8	6.4	12.8
57.5°	51.1	51.1	47.9	44.7	41.5	38.3	38.3	38.3	38.3	38.3	31.9
55°	70.3	70.3	70.3	67.1	67.1	63.9	60.7	57.5	57.5	54.3	51.1
52.5°	83.1	83.1	83.1	83.1	79.9	79.9	79.9	76.7	70.3	70.3	67.1
50°	118.2	115.0	115.0	115.0	115.0	108.6	105.4	99.0	95.8	92.6	89.4
47.5°	153.3	153.3	150.1	150.1	146.9	140.6	134.2	127.8	121.4	118.2	111.8
45°	182.1	182.1	178.9	178.9	175.7	169.3	159.7	150.1	143.8	137.4	131.0
42.5°	223.6	220.4	217.2	214.0	207.6	198.1	185.3	172.5	162.9	153.3	146.9
40°	268.3	268.3	265.1	261.9	252.4	242.8	226.8	210.8	194.9	175.7	166.1
37.5°	322.6	325.8	329.0	329.0	322.6	309.9	287.5	268.3	242.8	217.2	204.4
35°	421.7	421.7	428.1	428.1	418.5	402.5	386.5	345.0	313.1	281.1	252.4
32.5°	530.3	533.5	520.7	511.1	498.3	479.2	450.4	415.3	380.1	338.6	306.7
30°	635.7	635.7	619.7	600.6	575.0	543.1	507.9	469.6	428.1	386.5	348.2
27.5°	801.8	785.8	773.1	741.1	696.4	635.7	591.0	530.3	476.0	428.1	386.5
25°	1076.5	1073.3	1044.6	990.3	900.8	805.0	731.5	629.3	546.3	472.8	424.9
22.5°	1712.2	1689.9	1622.8	1488.6	1277.8	1111.7	961.5	801.8	651.7	552.6	476.0
20°	3165.7	3092.3	2913.4	2542.8	2070.0	1744.2	1370.4	1102.1	849.7	664.5	549.5
17.5°	5906.6	5858.7	5791.6	4935.5	3973.9	3283.9	2443.8	1689.9	1207.5	868.9	651.7
15°	11072.1	10717.5	9976.4	8950.9	7606.1	5877.9	4322.1	2728.1	1725.0	1156.4	827.4
12.5°	18927.3	18534.4	16620.9	14055.7	11637.5	9177.8	6443.3	4146.4	2456.6	1469.5	980.7
10°	37714.1	34861.4	29504.3	22019.6	17186.3	12816.3	9046.8	5657.4	3197.7	1856.0	1162.8
7.5°	77245.8	67924.3	52341.6	36950.6	23917.1	16809.4	11554.5	7398.4	4261.4	2322.4	1328.9
5°	140004.7	123466.9	93017.0	56008.9	34730.4	21067.6	13710.7	8797.6	5044.1	2702.5	1495.0
2.5°	213778.2	192384.7	134478.2	77015.8	42825.3	24364.3	15218.5	9717.6	5542.4	2961.3	1622.8
0°	255274.5	228025.6	158369.8	88174.2	46681.0	25763.5	15956.5	10270.3	5964.1	3172.1	1705.9
-2.5°	235810.5	213874.0	145543.9	81906.6	44607.8	25150.2	16061.9	10407.6	6034.4	3229.6	1744.2
-5°	166199.5	148195.4	100706.1	60442.9	37848.3	23166.4	15154.6	9890.1	5839.5	3146.6	1728.2
-7.5°	87928.2	79782.3	59724.1	43432.2	27625.9	19607.8	13643.6	8973.3	5334.8	2923.0	1632.4
-10°	45428.8	43758.1	37707.7	28424.5	22355.0	16426.0	11643.9	7673.2	4459.5	2517.3	1469.5
-12.5°	26191.6	25907.3	23961.8	20569.3	17141.6	13493.5	9554.7	6258.0	3721.6	2086.0	1239.5
-15°	16959.5	17080.9	16403.7	14991.7	13039.9	10097.8	7340.9	4654.4	2753.6	1689.9	1092.5
-17.5°	11573.6	11541.7	11225.4	10257.5	8685.8	6820.2	4865.2	3287.1	2086.0	1316.1	907.2
-20°	7321.8	7334.5	7040.6	6373.0	5216.6	4203.9	3028.4	2217.0	1479.0	1035.0	801.8



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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°	4248.7	4258.2	4073.0	3696.0	3089.1	2491.7	1967.8	1466.3	1089.3	862.5	702.8
-25°	2440.6	2402.3	2328.8	2146.7	1862.4	1536.5	1306.5	1031.8	872.1	731.5	642.1
-27.5°	1479.0	1453.5	1415.2	1335.3	1223.5	1060.6	955.2	833.8	741.1	658.1	603.8
-30°	1031.8	1041.4	1009.5	967.9	916.8	843.3	785.8	728.3	667.6	616.5	565.4
-32.5°	821.0	827.4	811.4	795.4	769.9	741.1	706.0	664.5	616.5	568.6	520.7
-35°	706.0	709.2	709.2	706.0	699.6	677.2	651.7	613.3	568.6	523.9	482.4
-37.5°	648.5	651.7	651.7	648.5	638.9	619.7	594.2	562.2	520.7	479.2	447.2
-40°	587.8	591.0	587.8	581.4	571.8	552.6	533.5	507.9	476.0	440.8	412.1
-42.5°	530.3	527.1	523.9	517.5	507.9	495.1	479.2	460.0	437.6	412.1	389.7
-45°	476.0	476.0	472.8	469.6	463.2	453.6	444.0	428.1	412.1	392.9	373.8
-47.5°	447.2	447.2	444.0	440.8	437.6	431.3	421.7	408.9	396.1	380.1	364.2
-50°	428.1	428.1	428.1	424.9	421.7	415.3	405.7	396.1	383.3	367.4	351.4
-52.5°	415.3	415.3	415.3	412.1	408.9	405.7	396.1	383.3	367.4	354.6	341.8
-55°	408.9	405.7	405.7	402.5	399.3	396.1	383.3	370.6	357.8	345.0	332.2
-57.5°	399.3	396.1	396.1	392.9	389.7	386.5	373.8	361.0	348.2	332.2	322.6
-60°	389.7	386.5	386.5	380.1	376.9	373.8	361.0	348.2	335.4	322.6	309.9
-62.5°	376.9	373.8	370.6	367.4	361.0	354.6	345.0	332.2	316.3	303.5	290.7
-65°	348.2	345.0	341.8	338.6	335.4	332.2	322.6	306.7	293.9	281.1	268.3
-67.5°	313.1	313.1	313.1	306.7	303.5	297.1	290.7	277.9	265.1	252.4	242.8
-70°	271.5	271.5	271.5	265.1	261.9	258.8	249.2	239.6	230.0	220.4	207.6
-72.5°	230.0	226.8	226.8	223.6	217.2	214.0	207.6	201.3	191.7	185.3	175.7
-75°	188.5	185.3	185.3	182.1	178.9	175.7	169.3	166.1	159.7	153.3	143.8
-77.5°	150.1	150.1	150.1	146.9	143.8	140.6	137.4	134.2	131.0	124.6	118.2
-80°	115.0	115.0	115.0	115.0	115.0	115.0	115.0	111.8	105.4	102.2	99.0
-82.5°	83.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	83.1	79.9	76.7
-85°	54.3	57.5	57.5	60.7	63.9	63.9	67.1	63.9	60.7	54.3	51.1
-87.5°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	25.6	25.6	25.6	22.4
-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°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	6.4	6.4	6.4
85°	6.4	6.4	6.4	6.4	9.6	9.6	9.6	12.8	12.8	12.8	12.8
82.5°	6.4	9.6	9.6	9.6	12.8	12.8	16.0	19.2	25.6	28.8	28.8
80°	6.4	9.6	9.6	9.6	12.8	12.8	16.0	16.0	19.2	22.4	28.8
77.5°	6.4	6.4	9.6	9.6	9.6	12.8	12.8	16.0	16.0	19.2	22.4
75°	3.2	6.4	6.4	6.4	9.6	9.6	12.8	12.8	16.0	16.0	19.2
72.5°	3.2	6.4	6.4	6.4	9.6	9.6	12.8	12.8	12.8	16.0	16.0
70°	3.2	6.4	6.4	6.4	6.4	9.6	9.6	9.6	12.8	12.8	12.8
67.5°	3.2	3.2	3.2	6.4	6.4	6.4	6.4	9.6	9.6	9.6	12.8
65°	3.2	3.2	3.2	3.2	6.4	6.4	6.4	6.4	9.6	9.6	9.6
62.5°	3.2	3.2	3.2	6.4	6.4	6.4	6.4	6.4	9.6	9.6	9.6
60°	12.8	12.8	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
57.5°	28.8	28.8	25.6	22.4	19.2	19.2	16.0	12.8	12.8	9.6	9.6
55°	47.9	44.7	41.5	35.1	31.9	28.8	25.6	19.2	16.0	12.8	9.6
52.5°	60.7	57.5	54.3	51.1	44.7	38.3	35.1	31.9	25.6	19.2	16.0
50°	89.4	79.9	73.5	67.1	60.7	54.3	47.9	44.7	35.1	28.8	22.4
47.5°	108.6	102.2	92.6	86.3	79.9	70.3	60.7	54.3	47.9	38.3	28.8
45°	124.6	118.2	108.6	102.2	95.8	86.3	76.7	67.1	60.7	51.1	38.3
42.5°	140.6	134.2	124.6	118.2	108.6	99.0	89.4	79.9	70.3	63.9	51.1
40°	162.9	153.3	140.6	134.2	127.8	115.0	102.2	92.6	83.1	73.5	60.7
37.5°	191.7	182.1	166.1	153.3	143.8	134.2	121.4	108.6	99.0	86.3	73.5
35°	236.4	220.4	198.1	178.9	166.1	153.3	137.4	124.6	111.8	99.0	86.3
32.5°	281.1	255.6	226.8	204.4	185.3	169.3	153.3	140.6	124.6	108.6	95.8
30°	316.3	287.5	258.8	226.8	204.4	185.3	169.3	153.3	137.4	121.4	105.4
27.5°	351.4	319.4	287.5	255.6	223.6	198.1	182.1	166.1	150.1	134.2	115.0
25°	386.5	351.4	319.4	284.3	246.0	217.2	194.9	182.1	166.1	146.9	124.6
22.5°	418.5	386.5	354.6	316.3	271.5	233.2	210.8	194.9	178.9	156.5	137.4
20°	479.2	437.6	399.3	351.4	300.3	261.9	233.2	210.8	191.7	169.3	146.9
17.5°	559.0	498.3	447.2	392.9	341.8	293.9	252.4	226.8	207.6	182.1	156.5
15°	661.3	555.8	492.0	437.6	376.9	322.6	277.9	242.8	217.2	191.7	169.3
12.5°	737.9	600.6	530.3	479.2	415.3	354.6	297.1	255.6	226.8	201.3	175.7
10°	824.2	648.5	562.2	504.7	437.6	370.6	309.9	265.1	233.2	210.8	185.3
7.5°	894.5	686.8	578.2	514.3	450.4	383.3	322.6	274.7	242.8	217.2	191.7
5°	958.3	718.8	591.0	517.5	456.8	392.9	329.0	281.1	249.2	223.6	198.1
2.5°	1003.1	747.5	603.8	523.9	463.2	399.3	338.6	287.5	255.6	230.0	204.4
0°	1041.4	757.1	600.6	523.9	466.4	399.3	341.8	290.7	258.8	233.2	207.6
-2.5°	1054.2	773.1	616.5	530.3	472.8	405.7	348.2	293.9	261.9	236.4	214.0
-5°	1054.2	760.3	616.5	536.7	476.0	408.9	348.2	297.1	265.1	239.6	214.0
-7.5°	1015.8	741.1	613.3	543.1	479.2	412.1	348.2	300.3	268.3	242.8	217.2
-10°	948.8	712.4	610.1	546.3	479.2	408.9	348.2	300.3	268.3	242.8	220.4
-12.5°	840.1	674.0	594.2	539.9	472.8	402.5	345.0	300.3	268.3	246.0	220.4
-15°	785.8	642.1	575.0	520.7	456.8	392.9	338.6	297.1	268.3	246.0	223.6
-17.5°	712.4	616.5	555.8	501.5	444.0	383.3	332.2	297.1	268.3	242.8	223.6
-20°	661.3	587.8	533.5	485.6	428.1	373.8	329.0	293.9	268.3	242.8	223.6



REPORT NUMBER: P724055
 CATALOG NUMBER: IFLD-M-SA4B-727-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°	616.5	555.8	507.9	460.0	408.9	361.0	322.6	290.7	265.1	242.8	223.6
-25°	581.4	527.1	482.4	437.6	392.9	351.4	316.3	287.5	261.9	242.8	220.4
-27.5°	549.5	498.3	456.8	415.3	373.8	341.8	309.9	284.3	261.9	239.6	217.2
-30°	514.3	472.8	431.3	392.9	364.2	332.2	303.5	277.9	258.8	236.4	214.0
-32.5°	479.2	440.8	405.7	376.9	351.4	325.8	300.3	274.7	252.4	230.0	207.6
-35°	447.2	412.1	386.5	361.0	341.8	319.4	293.9	268.3	249.2	226.8	207.6
-37.5°	415.3	389.7	367.4	348.2	329.0	309.9	284.3	261.9	242.8	220.4	198.1
-40°	389.7	370.6	354.6	338.6	319.4	297.1	277.9	255.6	236.4	214.0	188.5
-42.5°	373.8	357.8	341.8	325.8	309.9	290.7	271.5	249.2	230.0	207.6	182.1
-45°	357.8	345.0	332.2	319.4	303.5	284.3	261.9	239.6	220.4	198.1	178.9
-47.5°	348.2	335.4	322.6	313.1	300.3	274.7	255.6	233.2	210.8	191.7	169.3
-50°	338.6	325.8	316.3	303.5	287.5	265.1	246.0	223.6	204.4	182.1	162.9
-52.5°	329.0	316.3	303.5	290.7	274.7	255.6	236.4	217.2	194.9	172.5	153.3
-55°	319.4	306.7	293.9	281.1	265.1	249.2	230.0	204.4	182.1	159.7	140.6
-57.5°	309.9	300.3	284.3	268.3	252.4	236.4	214.0	191.7	169.3	146.9	131.0
-60°	297.1	284.3	271.5	252.4	236.4	217.2	198.1	178.9	156.5	137.4	121.4
-62.5°	277.9	265.1	252.4	233.2	217.2	201.3	185.3	162.9	146.9	127.8	111.8
-65°	255.6	242.8	230.0	214.0	198.1	182.1	169.3	150.1	134.2	118.2	105.4
-67.5°	230.0	217.2	207.6	191.7	178.9	162.9	150.1	134.2	118.2	105.4	92.6
-70°	198.1	188.5	178.9	166.1	153.3	140.6	127.8	115.0	102.2	92.6	79.9
-72.5°	169.3	159.7	150.1	140.6	131.0	118.2	108.6	99.0	89.4	79.9	73.5
-75°	137.4	131.0	124.6	118.2	108.6	99.0	92.6	83.1	76.7	70.3	67.1
-77.5°	115.0	108.6	102.2	95.8	89.4	83.1	76.7	70.3	67.1	63.9	60.7
-80°	92.6	89.4	86.3	79.9	76.7	70.3	67.1	60.7	60.7	60.7	60.7
-82.5°	73.5	70.3	67.1	63.9	60.7	57.5	57.5	54.3	57.5	57.5	54.3
-85°	51.1	47.9	44.7	44.7	41.5	41.5	38.3	38.3	38.3	35.1	35.1
-87.5°	22.4	22.4	22.4	22.4	19.2	19.2	19.2	19.2	19.2	16.0	16.0
-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: P724055
 CATALOG NUMBER: IFLD-M-SA4B-727-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°	6.4	6.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	0.0	0.0
85°	12.8	12.8	9.6	9.6	9.6	6.4	6.4	3.2	3.2	3.2	3.2
82.5°	28.8	25.6	22.4	19.2	16.0	12.8	9.6	6.4	6.4	3.2	3.2
80°	35.1	35.1	35.1	31.9	25.6	19.2	12.8	9.6	6.4	3.2	3.2
77.5°	25.6	25.6	28.8	31.9	31.9	25.6	16.0	9.6	6.4	6.4	3.2
75°	19.2	19.2	19.2	22.4	25.6	25.6	19.2	12.8	6.4	6.4	3.2
72.5°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	12.8	9.6	6.4	6.4
70°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	12.8	9.6	6.4	6.4
67.5°	12.8	12.8	16.0	16.0	16.0	12.8	12.8	12.8	9.6	6.4	6.4
65°	9.6	12.8	12.8	16.0	12.8	12.8	12.8	9.6	9.6	6.4	6.4
62.5°	9.6	9.6	12.8	12.8	12.8	12.8	9.6	9.6	9.6	6.4	6.4
60°	9.6	9.6	9.6	12.8	9.6	9.6	9.6	9.6	9.6	6.4	6.4
57.5°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	6.4	6.4	6.4	6.4
55°	9.6	9.6	9.6	9.6	9.6	9.6	6.4	6.4	6.4	6.4	6.4
52.5°	12.8	9.6	9.6	9.6	9.6	9.6	6.4	6.4	6.4	6.4	6.4
50°	16.0	9.6	9.6	9.6	9.6	6.4	6.4	6.4	6.4	6.4	6.4
47.5°	22.4	16.0	12.8	9.6	9.6	6.4	6.4	6.4	6.4	6.4	3.2
45°	31.9	22.4	16.0	12.8	9.6	6.4	6.4	6.4	6.4	6.4	3.2
42.5°	38.3	28.8	19.2	16.0	12.8	9.6	6.4	6.4	6.4	3.2	3.2
40°	47.9	38.3	25.6	19.2	12.8	9.6	6.4	6.4	6.4	3.2	3.2
37.5°	60.7	47.9	31.9	22.4	16.0	9.6	9.6	6.4	6.4	3.2	3.2
35°	70.3	54.3	41.5	25.6	19.2	12.8	9.6	6.4	6.4	3.2	3.2
32.5°	79.9	63.9	51.1	31.9	22.4	16.0	12.8	6.4	6.4	3.2	3.2
30°	89.4	73.5	57.5	41.5	28.8	19.2	12.8	6.4	6.4	3.2	3.2
27.5°	99.0	79.9	63.9	47.9	31.9	22.4	16.0	9.6	6.4	3.2	3.2
25°	108.6	89.4	70.3	54.3	35.1	25.6	16.0	9.6	6.4	6.4	3.2
22.5°	115.0	99.0	79.9	60.7	41.5	28.8	19.2	12.8	6.4	6.4	3.2
20°	124.6	108.6	86.3	67.1	47.9	31.9	19.2	12.8	6.4	6.4	3.2
17.5°	134.2	115.0	92.6	73.5	54.3	35.1	22.4	16.0	6.4	6.4	3.2
15°	143.8	121.4	99.0	76.7	57.5	38.3	22.4	16.0	6.4	6.4	3.2
12.5°	153.3	131.0	105.4	83.1	60.7	41.5	25.6	19.2	9.6	6.4	3.2
10°	159.7	137.4	111.8	86.3	63.9	47.9	28.8	19.2	9.6	6.4	3.2
7.5°	169.3	143.8	118.2	92.6	67.1	51.1	31.9	19.2	9.6	6.4	3.2
5°	172.5	150.1	121.4	99.0	70.3	54.3	35.1	22.4	9.6	6.4	3.2
2.5°	175.7	156.5	124.6	102.2	73.5	54.3	35.1	22.4	12.8	6.4	3.2
0°	178.9	159.7	127.8	105.4	76.7	57.5	38.3	22.4	12.8	6.4	3.2
-2.5°	182.1	162.9	134.2	108.6	79.9	60.7	41.5	22.4	12.8	6.4	3.2
-5°	185.3	162.9	140.6	111.8	83.1	60.7	41.5	25.6	16.0	6.4	3.2
-7.5°	188.5	166.1	143.8	115.0	86.3	60.7	44.7	25.6	16.0	9.6	3.2
-10°	191.7	169.3	146.9	118.2	86.3	63.9	44.7	25.6	16.0	9.6	3.2
-12.5°	194.9	172.5	146.9	118.2	89.4	63.9	44.7	28.8	16.0	9.6	3.2
-15°	198.1	172.5	146.9	118.2	89.4	67.1	47.9	28.8	16.0	9.6	6.4
-17.5°	198.1	172.5	146.9	121.4	89.4	67.1	47.9	28.8	16.0	9.6	6.4
-20°	198.1	172.5	146.9	121.4	89.4	67.1	47.9	28.8	16.0	9.6	6.4



REPORT NUMBER: P724055
 CATALOG NUMBER: IFLD-M-SA4B-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	194.9	169.3	146.9	118.2	89.4	67.1	47.9	28.8	19.2	9.6	6.4
-25°	194.9	169.3	146.9	118.2	89.4	67.1	44.7	28.8	19.2	9.6	6.4
-27.5°	191.7	169.3	143.8	115.0	86.3	63.9	44.7	28.8	19.2	9.6	6.4
-30°	188.5	166.1	140.6	111.8	86.3	63.9	44.7	28.8	19.2	9.6	6.4
-32.5°	185.3	159.7	137.4	108.6	83.1	60.7	44.7	28.8	19.2	9.6	6.4
-35°	178.9	156.5	131.0	105.4	79.9	60.7	41.5	28.8	19.2	12.8	6.4
-37.5°	172.5	150.1	127.8	102.2	76.7	57.5	41.5	28.8	19.2	12.8	6.4
-40°	166.1	146.9	121.4	95.8	73.5	54.3	41.5	28.8	19.2	12.8	9.6
-42.5°	159.7	140.6	118.2	92.6	73.5	54.3	38.3	28.8	19.2	12.8	9.6
-45°	156.5	137.4	111.8	89.4	70.3	54.3	38.3	25.6	19.2	12.8	9.6
-47.5°	150.1	127.8	105.4	86.3	67.1	51.1	35.1	25.6	19.2	12.8	9.6
-50°	140.6	121.4	102.2	83.1	63.9	47.9	35.1	25.6	19.2	12.8	9.6
-52.5°	131.0	111.8	95.8	76.7	60.7	47.9	35.1	25.6	19.2	12.8	9.6
-55°	121.4	105.4	89.4	73.5	57.5	44.7	31.9	25.6	19.2	12.8	9.6
-57.5°	115.0	99.0	83.1	67.1	54.3	41.5	31.9	22.4	16.0	12.8	9.6
-60°	108.6	92.6	76.7	63.9	51.1	41.5	31.9	22.4	16.0	12.8	6.4
-62.5°	99.0	86.3	70.3	60.7	47.9	38.3	28.8	22.4	16.0	12.8	6.4
-65°	89.4	76.7	63.9	54.3	44.7	35.1	28.8	22.4	16.0	12.8	6.4
-67.5°	79.9	70.3	60.7	51.1	41.5	35.1	28.8	22.4	16.0	9.6	6.4
-70°	73.5	63.9	54.3	47.9	41.5	31.9	28.8	22.4	16.0	9.6	6.4
-72.5°	63.9	57.5	51.1	44.7	38.3	35.1	28.8	22.4	12.8	9.6	6.4
-75°	60.7	54.3	47.9	44.7	41.5	35.1	28.8	19.2	12.8	9.6	6.4
-77.5°	60.7	54.3	51.1	47.9	41.5	35.1	25.6	16.0	9.6	9.6	6.4
-80°	60.7	57.5	54.3	44.7	38.3	28.8	19.2	16.0	9.6	6.4	3.2
-82.5°	54.3	44.7	38.3	31.9	28.8	22.4	16.0	12.8	6.4	6.4	3.2
-85°	35.1	28.8	25.6	22.4	19.2	16.0	9.6	6.4	6.4	3.2	3.2
-87.5°	16.0	16.0	12.8	9.6	9.6	6.4	6.4	3.2	3.2	3.2	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: P724055
 CATALOG NUMBER: IFLD-M-SA4B-727-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°	3.2	0.0	0.0	0.0
77.5°	3.2	0.0	0.0	0.0
75°	3.2	3.2	0.0	0.0
72.5°	3.2	3.2	0.0	0.0
70°	3.2	3.2	0.0	0.0
67.5°	3.2	3.2	0.0	0.0
65°	3.2	3.2	0.0	0.0
62.5°	3.2	3.2	0.0	0.0
60°	3.2	3.2	0.0	0.0
57.5°	3.2	3.2	3.2	0.0
55°	3.2	3.2	3.2	0.0
52.5°	3.2	3.2	3.2	0.0
50°	3.2	3.2	3.2	0.0
47.5°	3.2	3.2	3.2	0.0
45°	3.2	3.2	3.2	0.0
42.5°	3.2	3.2	3.2	0.0
40°	3.2	3.2	3.2	0.0
37.5°	3.2	3.2	3.2	0.0
35°	3.2	3.2	3.2	0.0
32.5°	3.2	3.2	3.2	0.0
30°	3.2	3.2	3.2	0.0
27.5°	3.2	3.2	3.2	0.0
25°	3.2	3.2	3.2	0.0
22.5°	3.2	3.2	3.2	0.0
20°	3.2	3.2	3.2	0.0
17.5°	3.2	3.2	3.2	0.0
15°	3.2	3.2	3.2	0.0
12.5°	3.2	3.2	3.2	0.0
10°	3.2	3.2	3.2	0.0
7.5°	3.2	3.2	3.2	0.0
5°	3.2	3.2	3.2	0.0
2.5°	3.2	3.2	3.2	0.0
0°	3.2	3.2	3.2	0.0
-2.5°	3.2	3.2	3.2	0.0
-5°	3.2	3.2	3.2	0.0
-7.5°	3.2	3.2	3.2	0.0
-10°	3.2	3.2	3.2	0.0
-12.5°	3.2	3.2	3.2	0.0
-15°	3.2	3.2	3.2	0.0
-17.5°	3.2	3.2	3.2	0.0
-20°	3.2	3.2	3.2	0.0



REPORT NUMBER: P724055
CATALOG NUMBER: IFLD-M-SA4B-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.2	3.2	3.2	0.0
-25°	3.2	3.2	3.2	0.0
-27.5°	3.2	3.2	3.2	0.0
-30°	3.2	3.2	3.2	0.0
-32.5°	3.2	3.2	3.2	0.0
-35°	3.2	3.2	3.2	0.0
-37.5°	3.2	3.2	3.2	0.0
-40°	3.2	3.2	3.2	0.0
-42.5°	3.2	3.2	3.2	0.0
-45°	3.2	3.2	3.2	0.0
-47.5°	3.2	3.2	3.2	0.0
-50°	3.2	3.2	3.2	0.0
-52.5°	3.2	3.2	3.2	0.0
-55°	3.2	3.2	3.2	0.0
-57.5°	3.2	3.2	3.2	0.0
-60°	3.2	3.2	0.0	0.0
-62.5°	3.2	3.2	0.0	0.0
-65°	3.2	3.2	0.0	0.0
-67.5°	3.2	3.2	0.0	0.0
-70°	3.2	3.2	0.0	0.0
-72.5°	3.2	3.2	0.0	0.0
-75°	3.2	3.2	0.0	0.0
-77.5°	3.2	0.0	0.0	0.0
-80°	3.2	0.0	0.0	0.0
-82.5°	3.2	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)