

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: P724083

Luminaire Tested: **IFLD-M-SA4A-730-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724083  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4A-730-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (64) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

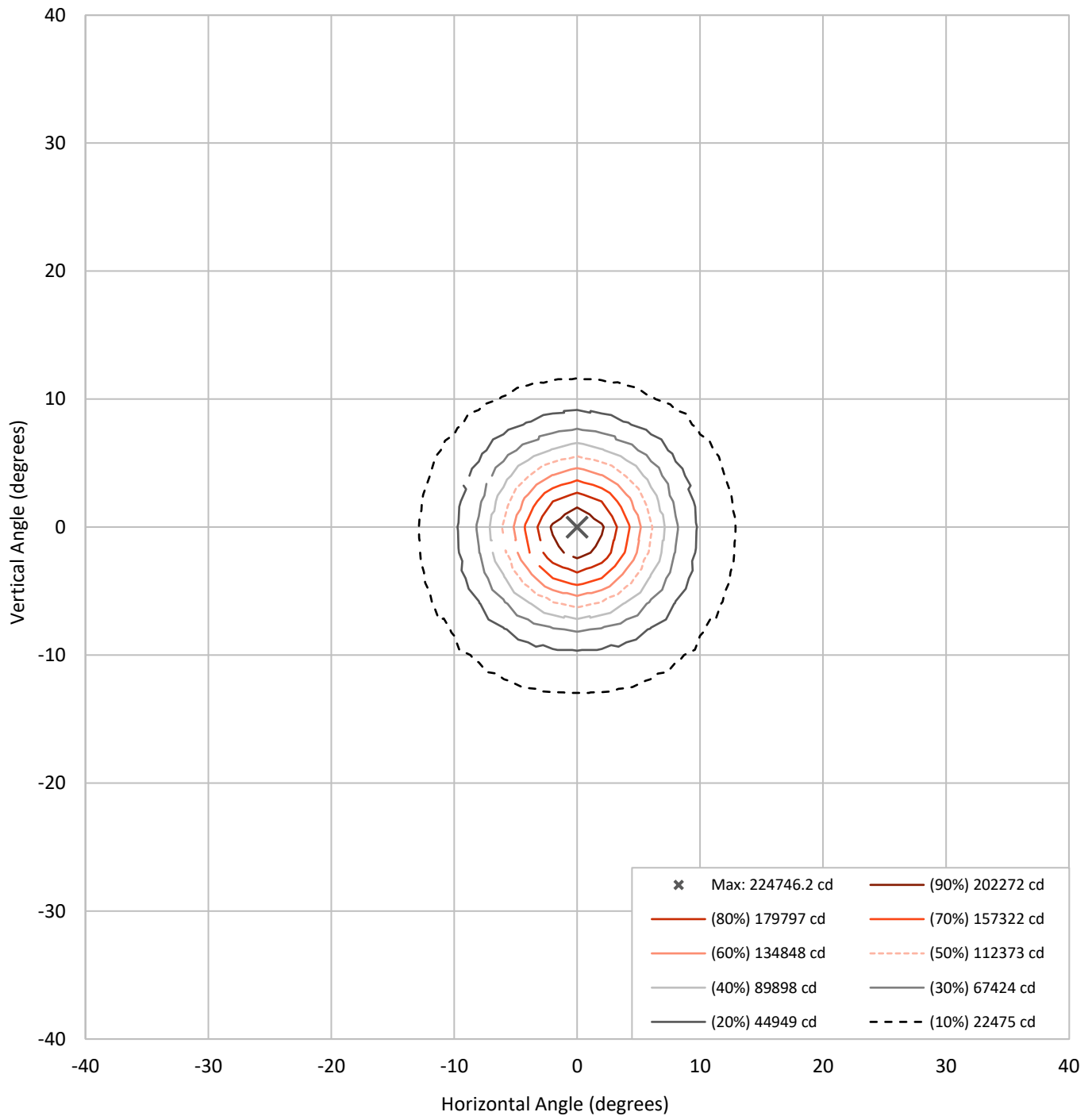
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	15698.6 lumens	Max Intensity:	224746.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4911.3 lumens	Field Lumens:	11174.9 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 128.6  
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





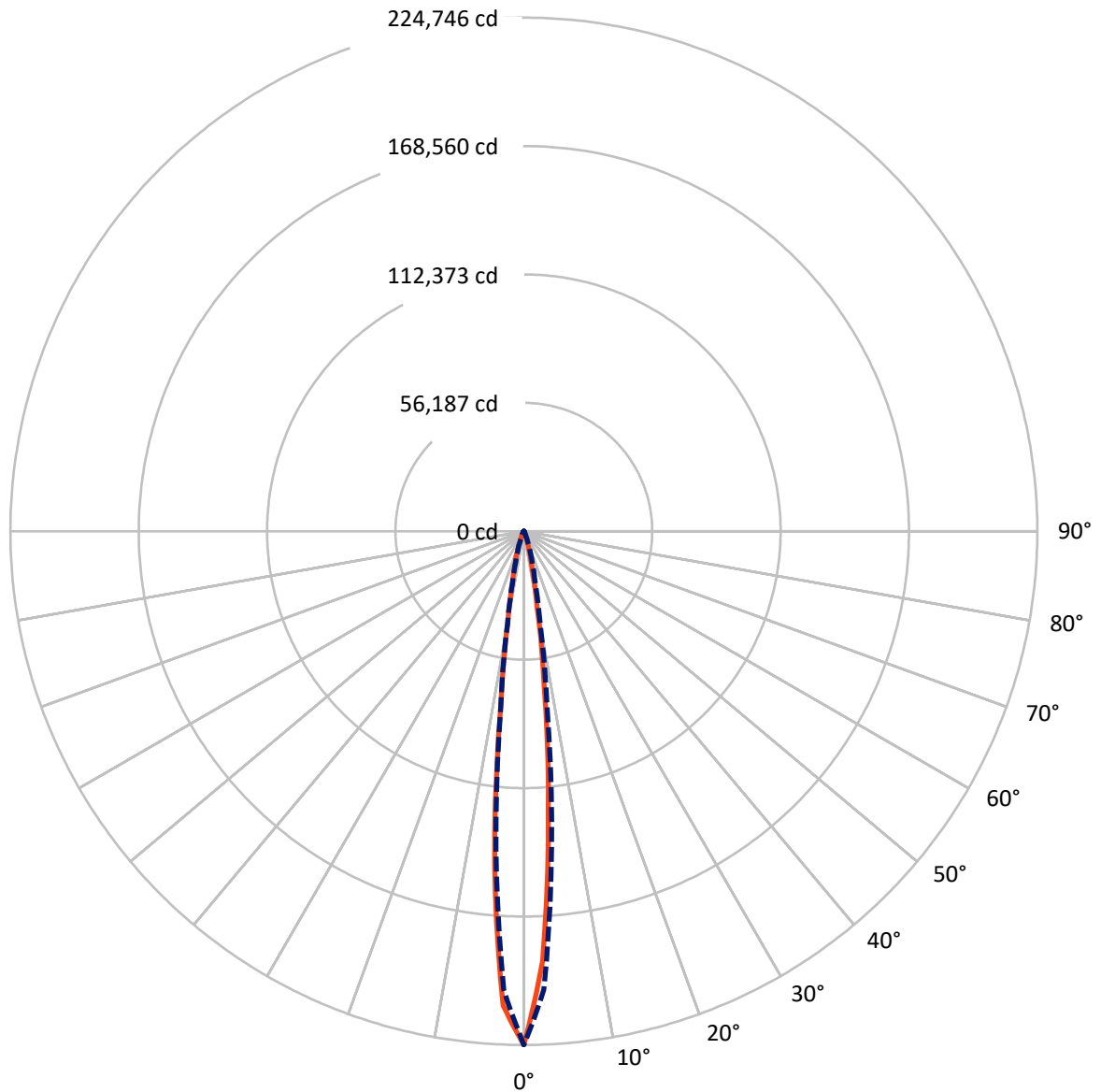
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### Lumen Table

90	0.1	0.9	0.8	0.4	0.0	0.4	0.8	0.9	0.1							
80	0.1	0.9	0.8	0.4	0.0	0.4	0.8	0.9	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	0.4	0.8	1.2	1.5	1.7	1.7	1.5	1.2	0.8	0.4	0.2	0.1	
50	0.1	0.1	0.5	1.3	2.2	3.2	4.2	4.9	4.9	4.2	3.2	2.2	1.3	0.5	0.1	0.1
40		0.3	1.1	2.4	4.0	6.3	9.5	11.4	11.4	9.5	6.3	4.0	2.4	1.1	0.3	
30	0.2	0.5	1.7	3.5	6.3	10.9	20.9	33.8	33.8	20.9	10.9	6.3	3.5	1.7	0.5	0.2
20		0.7	2.2	4.7	9.6	23.7	123.7	312.9	312.9	123.7	23.7	9.6	4.7	2.2	0.7	
10	0.3	0.9	2.7	5.6	11.7	48.1	398.3	2454.7	2454.7	398.3	48.1	11.7	5.6	2.7	0.9	0.3
0		1.0	2.9	5.9	12.2	54.8	438.3	2703.3	2703.3	438.3	54.8	12.2	5.9	2.9	1.0	
-10	0.3	1.1	3.1	5.8	11.4	32.9	196.7	474.1	474.1	196.7	32.9	11.4	5.8	3.1	1.1	0.3
-20		1.1	3.0	5.5	9.7	16.7	40.7	76.4	76.4	40.7	16.7	9.7	5.5	3.0	1.1	
-30	0.3	1.0	2.8	5.1	8.0	11.9	16.8	19.7	19.7	16.8	11.9	8.0	5.1	2.8	1.0	0.3
-40		0.8	2.4	4.6	7.0	9.2	11.7	13.0	13.0	11.7	9.2	7.0	4.6	2.4	0.8	
-50	0.3	0.7	1.9	3.9	6.1	8.1	9.9	10.8	10.8	9.9	8.1	6.1	3.9	1.9	0.7	0.3
-60		0.5	1.4	2.8	4.7	6.4	8.1	9.0	9.0	8.1	6.4	4.7	2.8	1.4	0.5	
-70	0.2	2.1	5.9	10.8	13.1	10.8	5.9	2.1	0.2							
-80		0.2	2.1	5.9	10.8	13.1	10.8	5.9	2.1	0.2						
-90	0.2	2.1	5.9	10.8	13.1	10.8	5.9	2.1	0.2							

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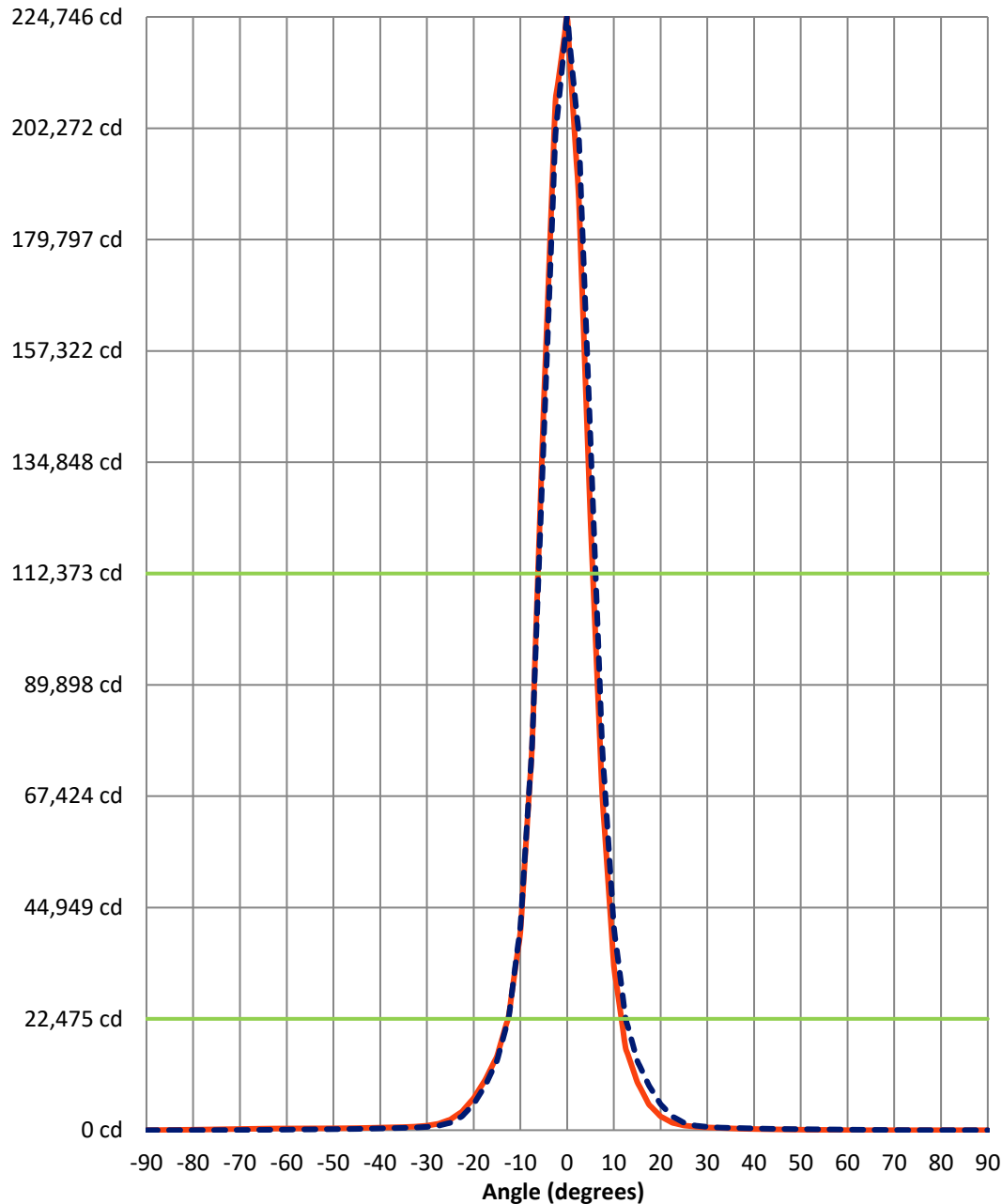
### Luminous Intensity Polar Plot



— 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: 4911.3  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 11174.9  
Efficiency: 71.2%

**Spill:**  
Lumens: 4523.7  
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	2.8	2.8
85°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	5.6	5.6
82.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	5.6	5.6	5.6
80°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	5.6	5.6	5.6
77.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	5.6
75°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
70°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
67.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
65°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
62.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
60°	5.6	5.6	5.6	5.6	8.4	8.4	11.2	11.2	11.2	5.6	11.2
57.5°	45.0	45.0	42.2	39.4	36.6	33.7	33.7	33.7	33.7	33.7	28.1
55°	61.9	61.9	61.9	59.1	59.1	56.2	53.4	50.6	50.6	47.8	45.0
52.5°	73.1	73.1	73.1	73.1	70.3	70.3	70.3	67.5	61.9	61.9	59.1
50°	104.1	101.2	101.2	101.2	101.2	95.6	92.8	87.2	84.4	81.6	78.7
47.5°	135.0	135.0	132.2	132.2	129.4	123.7	118.1	112.5	106.9	104.1	98.4
45°	160.3	160.3	157.5	157.5	154.7	149.1	140.6	132.2	126.6	120.9	115.3
42.5°	196.9	194.1	191.2	188.4	182.8	174.4	163.1	151.9	143.4	135.0	129.4
40°	236.2	236.2	233.4	230.6	222.2	213.7	199.7	185.6	171.6	154.7	146.2
37.5°	284.1	286.9	289.7	289.7	284.1	272.8	253.1	236.2	213.7	191.2	180.0
35°	371.2	371.2	376.9	376.9	368.4	354.4	340.3	303.7	275.6	247.5	222.2
32.5°	466.9	469.7	458.4	450.0	438.7	421.9	396.6	365.6	334.7	298.1	270.0
30°	559.7	559.7	545.6	528.7	506.2	478.1	447.2	413.4	376.9	340.3	306.6
27.5°	705.9	691.9	680.6	652.5	613.1	559.7	520.3	466.9	419.1	376.9	340.3
25°	947.8	945.0	919.7	871.9	793.1	708.7	644.1	554.1	480.9	416.2	374.1
22.5°	1507.5	1487.8	1428.7	1310.6	1125.0	978.7	846.5	705.9	573.7	486.6	419.1
20°	2787.1	2722.5	2565.0	2238.7	1822.5	1535.6	1206.5	970.3	748.1	585.0	483.7
17.5°	5200.2	5158.0	5099.0	4345.2	3498.7	2891.2	2151.5	1487.8	1063.1	765.0	573.7
15°	9748.0	9435.8	8783.3	7880.5	6696.5	5174.9	3805.3	2401.8	1518.7	1018.1	728.4
12.5°	16663.8	16317.9	14633.2	12374.8	10245.8	8080.2	5672.7	3650.6	2162.8	1293.7	863.4
10°	33203.9	30692.3	25975.9	19386.3	15131.0	11283.6	7964.9	4980.9	2815.3	1634.0	1023.7
7.5°	68008.0	59801.3	46082.1	32531.7	21056.9	14799.1	10172.7	6513.7	3751.8	2044.7	1170.0
5°	123261.6	108701.5	81893.1	49310.8	30577.0	18548.2	12071.1	7745.5	4440.9	2379.3	1316.2
2.5°	188212.4	169377.4	118396.0	67805.5	37703.8	21450.6	13398.5	8555.5	4879.6	2607.1	1428.7
0°	224746.2	200756.0	139430.4	77629.4	41098.4	22682.5	14048.2	9042.0	5250.9	2792.8	1501.9
-2.5°	207609.9	188296.8	128138.4	72111.4	39273.1	22142.5	14141.0	9163.0	5312.7	2843.4	1535.6
-5°	146323.7	130472.7	88662.7	53214.5	33322.0	20395.9	13342.3	8707.4	5141.2	2770.3	1521.5
-7.5°	77412.9	70241.1	52581.7	38238.2	24322.1	17262.9	12012.0	7900.2	4696.8	2573.4	1437.2
-10°	39996.0	38525.0	33198.2	25025.2	19681.6	14461.7	10251.4	6755.5	3926.2	2216.2	1293.7
-12.5°	23059.3	22809.0	21096.2	18109.4	15091.6	11879.8	8412.1	5509.6	3276.5	1836.5	1091.2
-15°	14931.3	15038.2	14442.0	13198.9	11480.4	8890.2	6463.0	4097.7	2424.3	1487.8	961.9
-17.5°	10189.5	10161.4	9883.0	9030.8	7647.1	6004.6	4283.4	2894.0	1836.5	1158.7	798.7
-20°	6446.2	6457.4	6198.7	5610.9	4592.7	3701.2	2666.2	1951.8	1302.2	911.2	705.9



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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°	3740.6	3749.0	3585.9	3254.0	2719.6	2193.7	1732.5	1290.9	959.0	759.4	618.7
-25°	2148.7	2115.0	2050.3	1890.0	1639.7	1352.8	1150.3	908.4	767.8	644.1	565.3
-27.5°	1302.2	1279.7	1245.9	1175.6	1077.2	933.7	840.9	734.1	652.5	579.4	531.6
-30°	908.4	916.9	888.7	852.2	807.2	742.5	691.9	641.2	587.8	542.8	497.8
-32.5°	722.8	728.4	714.4	700.3	677.8	652.5	621.6	585.0	542.8	500.6	458.4
-35°	621.6	624.4	624.4	621.6	615.9	596.2	573.7	540.0	500.6	461.2	424.7
-37.5°	570.9	573.7	573.7	570.9	562.5	545.6	523.1	495.0	458.4	421.9	393.7
-40°	517.5	520.3	517.5	511.9	503.4	486.6	469.7	447.2	419.1	388.1	362.8
-42.5°	466.9	464.1	461.2	455.6	447.2	435.9	421.9	405.0	385.3	362.8	343.1
-45°	419.1	419.1	416.2	413.4	407.8	399.4	390.9	376.9	362.8	345.9	329.1
-47.5°	393.7	393.7	390.9	388.1	385.3	379.7	371.2	360.0	348.7	334.7	320.6
-50°	376.9	376.9	376.9	374.1	371.2	365.6	357.2	348.7	337.5	323.4	309.4
-52.5°	365.6	365.6	365.6	362.8	360.0	357.2	348.7	337.5	323.4	312.2	300.9
-55°	360.0	357.2	357.2	354.4	351.6	348.7	337.5	326.2	315.0	303.7	292.5
-57.5°	351.6	348.7	348.7	345.9	343.1	340.3	329.1	317.8	306.6	292.5	284.1
-60°	343.1	340.3	340.3	334.7	331.9	329.1	317.8	306.6	295.3	284.1	272.8
-62.5°	331.9	329.1	326.2	323.4	317.8	312.2	303.7	292.5	278.4	267.2	255.9
-65°	306.6	303.7	300.9	298.1	295.3	292.5	284.1	270.0	258.7	247.5	236.2
-67.5°	275.6	275.6	275.6	270.0	267.2	261.6	255.9	244.7	233.4	222.2	213.7
-70°	239.1	239.1	239.1	233.4	230.6	227.8	219.4	210.9	202.5	194.1	182.8
-72.5°	202.5	199.7	199.7	196.9	191.2	188.4	182.8	177.2	168.7	163.1	154.7
-75°	165.9	163.1	163.1	160.3	157.5	154.7	149.1	146.2	140.6	135.0	126.6
-77.5°	132.2	132.2	132.2	129.4	126.6	123.7	120.9	118.1	115.3	109.7	104.1
-80°	101.2	101.2	101.2	101.2	101.2	101.2	101.2	98.4	92.8	90.0	87.2
-82.5°	73.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	73.1	70.3	67.5
-85°	47.8	50.6	50.6	53.4	56.2	56.2	59.1	56.2	53.4	47.8	45.0
-87.5°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	22.5	22.5	22.5	19.7
-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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	5.6	5.6	5.6
85°	5.6	5.6	5.6	5.6	8.4	8.4	8.4	11.2	11.2	11.2	11.2
82.5°	5.6	8.4	8.4	8.4	11.2	11.2	14.1	16.9	22.5	25.3	25.3
80°	5.6	8.4	8.4	8.4	11.2	11.2	14.1	14.1	16.9	19.7	25.3
77.5°	5.6	5.6	8.4	8.4	8.4	11.2	11.2	14.1	14.1	16.9	19.7
75°	2.8	5.6	5.6	5.6	8.4	8.4	11.2	11.2	14.1	14.1	16.9
72.5°	2.8	5.6	5.6	5.6	8.4	8.4	11.2	11.2	11.2	14.1	14.1
70°	2.8	5.6	5.6	5.6	5.6	8.4	8.4	8.4	11.2	11.2	11.2
67.5°	2.8	2.8	2.8	5.6	5.6	5.6	5.6	8.4	8.4	8.4	11.2
65°	2.8	2.8	2.8	2.8	5.6	5.6	5.6	5.6	8.4	8.4	8.4
62.5°	2.8	2.8	2.8	5.6	5.6	5.6	5.6	5.6	8.4	8.4	8.4
60°	11.2	11.2	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
57.5°	25.3	25.3	22.5	19.7	16.9	16.9	14.1	11.2	11.2	8.4	8.4
55°	42.2	39.4	36.6	30.9	28.1	25.3	22.5	16.9	14.1	11.2	8.4
52.5°	53.4	50.6	47.8	45.0	39.4	33.7	30.9	28.1	22.5	16.9	14.1
50°	78.7	70.3	64.7	59.1	53.4	47.8	42.2	39.4	30.9	25.3	19.7
47.5°	95.6	90.0	81.6	75.9	70.3	61.9	53.4	47.8	42.2	33.7	25.3
45°	109.7	104.1	95.6	90.0	84.4	75.9	67.5	59.1	53.4	45.0	33.7
42.5°	123.7	118.1	109.7	104.1	95.6	87.2	78.7	70.3	61.9	56.2	45.0
40°	143.4	135.0	123.7	118.1	112.5	101.2	90.0	81.6	73.1	64.7	53.4
37.5°	168.7	160.3	146.2	135.0	126.6	118.1	106.9	95.6	87.2	75.9	64.7
35°	208.1	194.1	174.4	157.5	146.2	135.0	120.9	109.7	98.4	87.2	75.9
32.5°	247.5	225.0	199.7	180.0	163.1	149.1	135.0	123.7	109.7	95.6	84.4
30°	278.4	253.1	227.8	199.7	180.0	163.1	149.1	135.0	120.9	106.9	92.8
27.5°	309.4	281.2	253.1	225.0	196.9	174.4	160.3	146.2	132.2	118.1	101.2
25°	340.3	309.4	281.2	250.3	216.6	191.2	171.6	160.3	146.2	129.4	109.7
22.5°	368.4	340.3	312.2	278.4	239.1	205.3	185.6	171.6	157.5	137.8	120.9
20°	421.9	385.3	351.6	309.4	264.4	230.6	205.3	185.6	168.7	149.1	129.4
17.5°	492.2	438.7	393.7	345.9	300.9	258.7	222.2	199.7	182.8	160.3	137.8
15°	582.2	489.4	433.1	385.3	331.9	284.1	244.7	213.7	191.2	168.7	149.1
12.5°	649.7	528.7	466.9	421.9	365.6	312.2	261.6	225.0	199.7	177.2	154.7
10°	725.6	570.9	495.0	444.4	385.3	326.2	272.8	233.4	205.3	185.6	163.1
7.5°	787.5	604.7	509.1	452.8	396.6	337.5	284.1	241.9	213.7	191.2	168.7
5°	843.7	632.8	520.3	455.6	402.2	345.9	289.7	247.5	219.4	196.9	174.4
2.5°	883.1	658.1	531.6	461.2	407.8	351.6	298.1	253.1	225.0	202.5	180.0
0°	916.9	666.6	528.7	461.2	410.6	351.6	300.9	255.9	227.8	205.3	182.8
-2.5°	928.1	680.6	542.8	466.9	416.2	357.2	306.6	258.7	230.6	208.1	188.4
-5°	928.1	669.4	542.8	472.5	419.1	360.0	306.6	261.6	233.4	210.9	188.4
-7.5°	894.4	652.5	540.0	478.1	421.9	362.8	306.6	264.4	236.2	213.7	191.2
-10°	835.3	627.2	537.2	480.9	421.9	360.0	306.6	264.4	236.2	213.7	194.1
-12.5°	739.7	593.4	523.1	475.3	416.2	354.4	303.7	264.4	236.2	216.6	194.1
-15°	691.9	565.3	506.2	458.4	402.2	345.9	298.1	261.6	236.2	216.6	196.9
-17.5°	627.2	542.8	489.4	441.6	390.9	337.5	292.5	261.6	236.2	213.7	196.9
-20°	582.2	517.5	469.7	427.5	376.9	329.1	289.7	258.7	236.2	213.7	196.9



REPORT NUMBER: P724083  
 CATALOG NUMBER: IFLD-M-SA4A-730-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°	542.8	489.4	447.2	405.0	360.0	317.8	284.1	255.9	233.4	213.7	196.9
-25°	511.9	464.1	424.7	385.3	345.9	309.4	278.4	253.1	230.6	213.7	194.1
-27.5°	483.7	438.7	402.2	365.6	329.1	300.9	272.8	250.3	230.6	210.9	191.2
-30°	452.8	416.2	379.7	345.9	320.6	292.5	267.2	244.7	227.8	208.1	188.4
-32.5°	421.9	388.1	357.2	331.9	309.4	286.9	264.4	241.9	222.2	202.5	182.8
-35°	393.7	362.8	340.3	317.8	300.9	281.2	258.7	236.2	219.4	199.7	182.8
-37.5°	365.6	343.1	323.4	306.6	289.7	272.8	250.3	230.6	213.7	194.1	174.4
-40°	343.1	326.2	312.2	298.1	281.2	261.6	244.7	225.0	208.1	188.4	165.9
-42.5°	329.1	315.0	300.9	286.9	272.8	255.9	239.1	219.4	202.5	182.8	160.3
-45°	315.0	303.7	292.5	281.2	267.2	250.3	230.6	210.9	194.1	174.4	157.5
-47.5°	306.6	295.3	284.1	275.6	264.4	241.9	225.0	205.3	185.6	168.7	149.1
-50°	298.1	286.9	278.4	267.2	253.1	233.4	216.6	196.9	180.0	160.3	143.4
-52.5°	289.7	278.4	267.2	255.9	241.9	225.0	208.1	191.2	171.6	151.9	135.0
-55°	281.2	270.0	258.7	247.5	233.4	219.4	202.5	180.0	160.3	140.6	123.7
-57.5°	272.8	264.4	250.3	236.2	222.2	208.1	188.4	168.7	149.1	129.4	115.3
-60°	261.6	250.3	239.1	222.2	208.1	191.2	174.4	157.5	137.8	120.9	106.9
-62.5°	244.7	233.4	222.2	205.3	191.2	177.2	163.1	143.4	129.4	112.5	98.4
-65°	225.0	213.7	202.5	188.4	174.4	160.3	149.1	132.2	118.1	104.1	92.8
-67.5°	202.5	191.2	182.8	168.7	157.5	143.4	132.2	118.1	104.1	92.8	81.6
-70°	174.4	165.9	157.5	146.2	135.0	123.7	112.5	101.2	90.0	81.6	70.3
-72.5°	149.1	140.6	132.2	123.7	115.3	104.1	95.6	87.2	78.7	70.3	64.7
-75°	120.9	115.3	109.7	104.1	95.6	87.2	81.6	73.1	67.5	61.9	59.1
-77.5°	101.2	95.6	90.0	84.4	78.7	73.1	67.5	61.9	59.1	56.2	53.4
-80°	81.6	78.7	75.9	70.3	67.5	61.9	59.1	53.4	53.4	53.4	53.4
-82.5°	64.7	61.9	59.1	56.2	53.4	50.6	50.6	47.8	50.6	50.6	47.8
-85°	45.0	42.2	39.4	39.4	36.6	36.6	33.7	33.7	33.7	30.9	30.9
-87.5°	19.7	19.7	19.7	19.7	16.9	16.9	16.9	16.9	16.9	14.1	14.1
-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: P724083  
 CATALOG NUMBER: IFLD-M-SA4A-730-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°	5.6	5.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	0.0	0.0
85°	11.2	11.2	8.4	8.4	8.4	5.6	5.6	2.8	2.8	2.8	2.8
82.5°	25.3	22.5	19.7	16.9	14.1	11.2	8.4	5.6	5.6	2.8	2.8
80°	30.9	30.9	30.9	28.1	22.5	16.9	11.2	8.4	5.6	2.8	2.8
77.5°	22.5	22.5	25.3	28.1	28.1	22.5	14.1	8.4	5.6	5.6	2.8
75°	16.9	16.9	16.9	19.7	22.5	22.5	16.9	11.2	5.6	5.6	2.8
72.5°	16.9	16.9	16.9	16.9	16.9	16.9	16.9	11.2	8.4	5.6	5.6
70°	14.1	14.1	14.1	14.1	14.1	14.1	14.1	11.2	8.4	5.6	5.6
67.5°	11.2	11.2	14.1	14.1	14.1	11.2	11.2	11.2	8.4	5.6	5.6
65°	8.4	11.2	11.2	14.1	11.2	11.2	11.2	8.4	8.4	5.6	5.6
62.5°	8.4	8.4	11.2	11.2	11.2	11.2	8.4	8.4	8.4	5.6	5.6
60°	8.4	8.4	8.4	11.2	8.4	8.4	8.4	8.4	8.4	5.6	5.6
57.5°	8.4	8.4	8.4	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6
55°	8.4	8.4	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6	5.6
52.5°	11.2	8.4	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6	5.6
50°	14.1	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6	5.6	5.6
47.5°	19.7	14.1	11.2	8.4	8.4	5.6	5.6	5.6	5.6	5.6	2.8
45°	28.1	19.7	14.1	11.2	8.4	5.6	5.6	5.6	5.6	5.6	2.8
42.5°	33.7	25.3	16.9	14.1	11.2	8.4	5.6	5.6	5.6	2.8	2.8
40°	42.2	33.7	22.5	16.9	11.2	8.4	5.6	5.6	5.6	2.8	2.8
37.5°	53.4	42.2	28.1	19.7	14.1	8.4	8.4	5.6	5.6	2.8	2.8
35°	61.9	47.8	36.6	22.5	16.9	11.2	8.4	5.6	5.6	2.8	2.8
32.5°	70.3	56.2	45.0	28.1	19.7	14.1	11.2	5.6	5.6	2.8	2.8
30°	78.7	64.7	50.6	36.6	25.3	16.9	11.2	5.6	5.6	2.8	2.8
27.5°	87.2	70.3	56.2	42.2	28.1	19.7	14.1	8.4	5.6	2.8	2.8
25°	95.6	78.7	61.9	47.8	30.9	22.5	14.1	8.4	5.6	5.6	2.8
22.5°	101.2	87.2	70.3	53.4	36.6	25.3	16.9	11.2	5.6	5.6	2.8
20°	109.7	95.6	75.9	59.1	42.2	28.1	16.9	11.2	5.6	5.6	2.8
17.5°	118.1	101.2	81.6	64.7	47.8	30.9	19.7	14.1	5.6	5.6	2.8
15°	126.6	106.9	87.2	67.5	50.6	33.7	19.7	14.1	5.6	5.6	2.8
12.5°	135.0	115.3	92.8	73.1	53.4	36.6	22.5	16.9	8.4	5.6	2.8
10°	140.6	120.9	98.4	75.9	56.2	42.2	25.3	16.9	8.4	5.6	2.8
7.5°	149.1	126.6	104.1	81.6	59.1	45.0	28.1	16.9	8.4	5.6	2.8
5°	151.9	132.2	106.9	87.2	61.9	47.8	30.9	19.7	8.4	5.6	2.8
2.5°	154.7	137.8	109.7	90.0	64.7	47.8	30.9	19.7	11.2	5.6	2.8
0°	157.5	140.6	112.5	92.8	67.5	50.6	33.7	19.7	11.2	5.6	2.8
-2.5°	160.3	143.4	118.1	95.6	70.3	53.4	36.6	19.7	11.2	5.6	2.8
-5°	163.1	143.4	123.7	98.4	73.1	53.4	36.6	22.5	14.1	5.6	2.8
-7.5°	165.9	146.2	126.6	101.2	75.9	53.4	39.4	22.5	14.1	8.4	2.8
-10°	168.7	149.1	129.4	104.1	75.9	56.2	39.4	22.5	14.1	8.4	2.8
-12.5°	171.6	151.9	129.4	104.1	78.7	56.2	39.4	25.3	14.1	8.4	2.8
-15°	174.4	151.9	129.4	104.1	78.7	59.1	42.2	25.3	14.1	8.4	5.6
-17.5°	174.4	151.9	129.4	106.9	78.7	59.1	42.2	25.3	14.1	8.4	5.6
-20°	174.4	151.9	129.4	106.9	78.7	59.1	42.2	25.3	14.1	8.4	5.6



REPORT NUMBER: P724083  
 CATALOG NUMBER: IFLD-M-SA4A-730-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	171.6	149.1	129.4	104.1	78.7	59.1	42.2	25.3	16.9	8.4	5.6
-25°	171.6	149.1	129.4	104.1	78.7	59.1	39.4	25.3	16.9	8.4	5.6
-27.5°	168.7	149.1	126.6	101.2	75.9	56.2	39.4	25.3	16.9	8.4	5.6
-30°	165.9	146.2	123.7	98.4	75.9	56.2	39.4	25.3	16.9	8.4	5.6
-32.5°	163.1	140.6	120.9	95.6	73.1	53.4	39.4	25.3	16.9	8.4	5.6
-35°	157.5	137.8	115.3	92.8	70.3	53.4	36.6	25.3	16.9	11.2	5.6
-37.5°	151.9	132.2	112.5	90.0	67.5	50.6	36.6	25.3	16.9	11.2	5.6
-40°	146.2	129.4	106.9	84.4	64.7	47.8	36.6	25.3	16.9	11.2	8.4
-42.5°	140.6	123.7	104.1	81.6	64.7	47.8	33.7	25.3	16.9	11.2	8.4
-45°	137.8	120.9	98.4	78.7	61.9	47.8	33.7	22.5	16.9	11.2	8.4
-47.5°	132.2	112.5	92.8	75.9	59.1	45.0	30.9	22.5	16.9	11.2	8.4
-50°	123.7	106.9	90.0	73.1	56.2	42.2	30.9	22.5	16.9	11.2	8.4
-52.5°	115.3	98.4	84.4	67.5	53.4	42.2	30.9	22.5	16.9	11.2	8.4
-55°	106.9	92.8	78.7	64.7	50.6	39.4	28.1	22.5	16.9	11.2	8.4
-57.5°	101.2	87.2	73.1	59.1	47.8	36.6	28.1	19.7	14.1	11.2	8.4
-60°	95.6	81.6	67.5	56.2	45.0	36.6	28.1	19.7	14.1	11.2	5.6
-62.5°	87.2	75.9	61.9	53.4	42.2	33.7	25.3	19.7	14.1	11.2	5.6
-65°	78.7	67.5	56.2	47.8	39.4	30.9	25.3	19.7	14.1	11.2	5.6
-67.5°	70.3	61.9	53.4	45.0	36.6	30.9	25.3	19.7	14.1	8.4	5.6
-70°	64.7	56.2	47.8	42.2	36.6	28.1	25.3	19.7	14.1	8.4	5.6
-72.5°	56.2	50.6	45.0	39.4	33.7	30.9	25.3	19.7	11.2	8.4	5.6
-75°	53.4	47.8	42.2	39.4	36.6	30.9	25.3	16.9	11.2	8.4	5.6
-77.5°	53.4	47.8	45.0	42.2	36.6	30.9	22.5	14.1	8.4	8.4	5.6
-80°	53.4	50.6	47.8	39.4	33.7	25.3	16.9	14.1	8.4	5.6	2.8
-82.5°	47.8	39.4	33.7	28.1	25.3	19.7	14.1	11.2	5.6	5.6	2.8
-85°	30.9	25.3	22.5	19.7	16.9	14.1	8.4	5.6	5.6	2.8	2.8
-87.5°	14.1	14.1	11.2	8.4	8.4	5.6	5.6	2.8	2.8	2.8	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: P724083  
 CATALOG NUMBER: IFLD-M-SA4A-730-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°	2.8	0.0	0.0	0.0
77.5°	2.8	0.0	0.0	0.0
75°	2.8	2.8	0.0	0.0
72.5°	2.8	2.8	0.0	0.0
70°	2.8	2.8	0.0	0.0
67.5°	2.8	2.8	0.0	0.0
65°	2.8	2.8	0.0	0.0
62.5°	2.8	2.8	0.0	0.0
60°	2.8	2.8	0.0	0.0
57.5°	2.8	2.8	2.8	0.0
55°	2.8	2.8	2.8	0.0
52.5°	2.8	2.8	2.8	0.0
50°	2.8	2.8	2.8	0.0
47.5°	2.8	2.8	2.8	0.0
45°	2.8	2.8	2.8	0.0
42.5°	2.8	2.8	2.8	0.0
40°	2.8	2.8	2.8	0.0
37.5°	2.8	2.8	2.8	0.0
35°	2.8	2.8	2.8	0.0
32.5°	2.8	2.8	2.8	0.0
30°	2.8	2.8	2.8	0.0
27.5°	2.8	2.8	2.8	0.0
25°	2.8	2.8	2.8	0.0
22.5°	2.8	2.8	2.8	0.0
20°	2.8	2.8	2.8	0.0
17.5°	2.8	2.8	2.8	0.0
15°	2.8	2.8	2.8	0.0
12.5°	2.8	2.8	2.8	0.0
10°	2.8	2.8	2.8	0.0
7.5°	2.8	2.8	2.8	0.0
5°	2.8	2.8	2.8	0.0
2.5°	2.8	2.8	2.8	0.0
0°	2.8	2.8	2.8	0.0
-2.5°	2.8	2.8	2.8	0.0
-5°	2.8	2.8	2.8	0.0
-7.5°	2.8	2.8	2.8	0.0
-10°	2.8	2.8	2.8	0.0
-12.5°	2.8	2.8	2.8	0.0
-15°	2.8	2.8	2.8	0.0
-17.5°	2.8	2.8	2.8	0.0
-20°	2.8	2.8	2.8	0.0



REPORT NUMBER: P724083  
CATALOG NUMBER: IFLD-M-SA4A-730-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	2.8	2.8	2.8	0.0
-25°	2.8	2.8	2.8	0.0
-27.5°	2.8	2.8	2.8	0.0
-30°	2.8	2.8	2.8	0.0
-32.5°	2.8	2.8	2.8	0.0
-35°	2.8	2.8	2.8	0.0
-37.5°	2.8	2.8	2.8	0.0
-40°	2.8	2.8	2.8	0.0
-42.5°	2.8	2.8	2.8	0.0
-45°	2.8	2.8	2.8	0.0
-47.5°	2.8	2.8	2.8	0.0
-50°	2.8	2.8	2.8	0.0
-52.5°	2.8	2.8	2.8	0.0
-55°	2.8	2.8	2.8	0.0
-57.5°	2.8	2.8	2.8	0.0
-60°	2.8	2.8	0.0	0.0
-62.5°	2.8	2.8	0.0	0.0
-65°	2.8	2.8	0.0	0.0
-67.5°	2.8	2.8	0.0	0.0
-70°	2.8	2.8	0.0	0.0
-72.5°	2.8	2.8	0.0	0.0
-75°	2.8	2.8	0.0	0.0
-77.5°	2.8	0.0	0.0	0.0
-80°	2.8	0.0	0.0	0.0
-82.5°	2.8	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)