

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: P724084

Luminaire Tested: **IFLD-M-SA4B-730-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724084
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-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

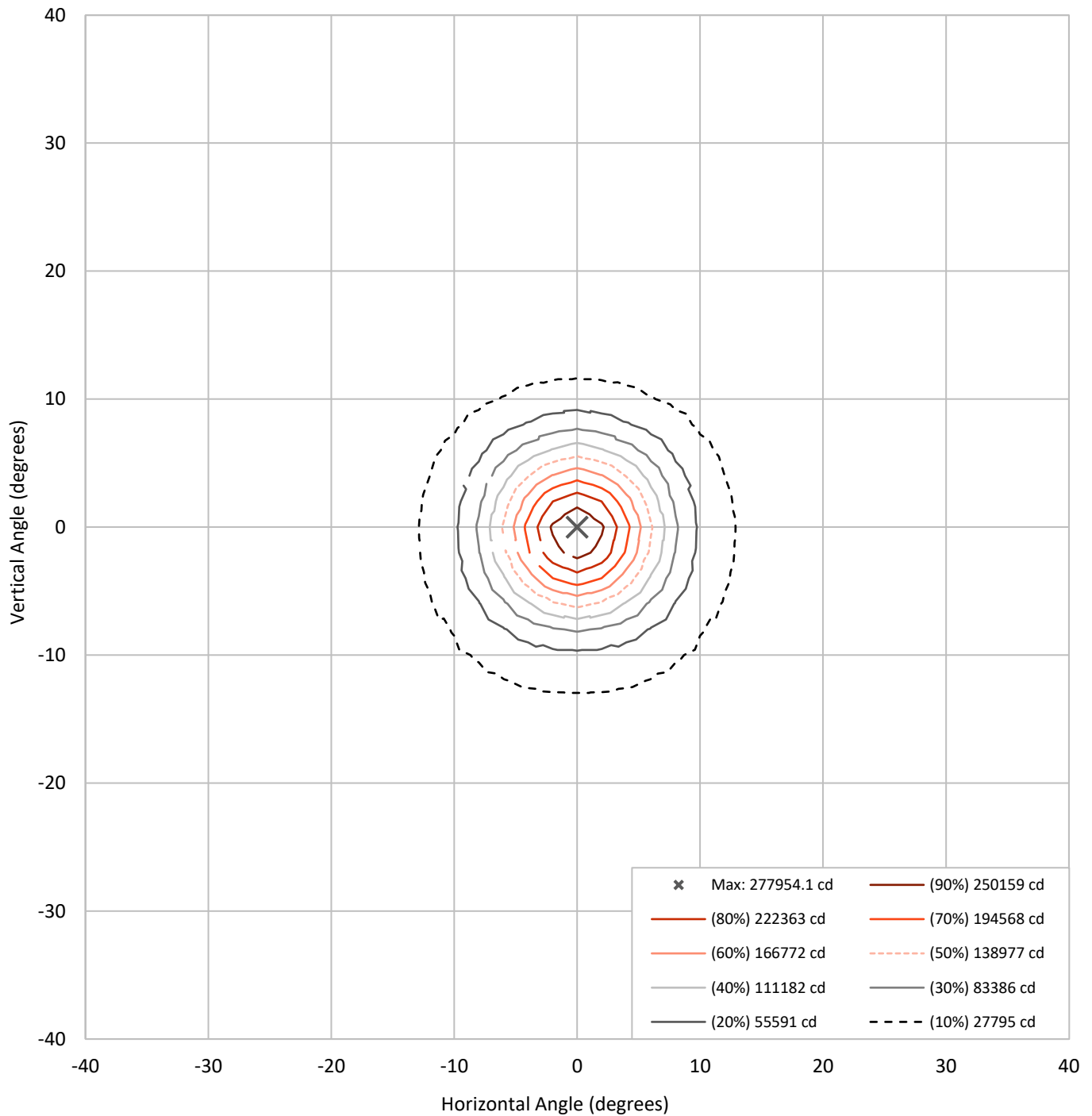
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	19415.2 lumens	Max Intensity:	277954.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	116.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6074 lumens	Field Lumens:	13820.5 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





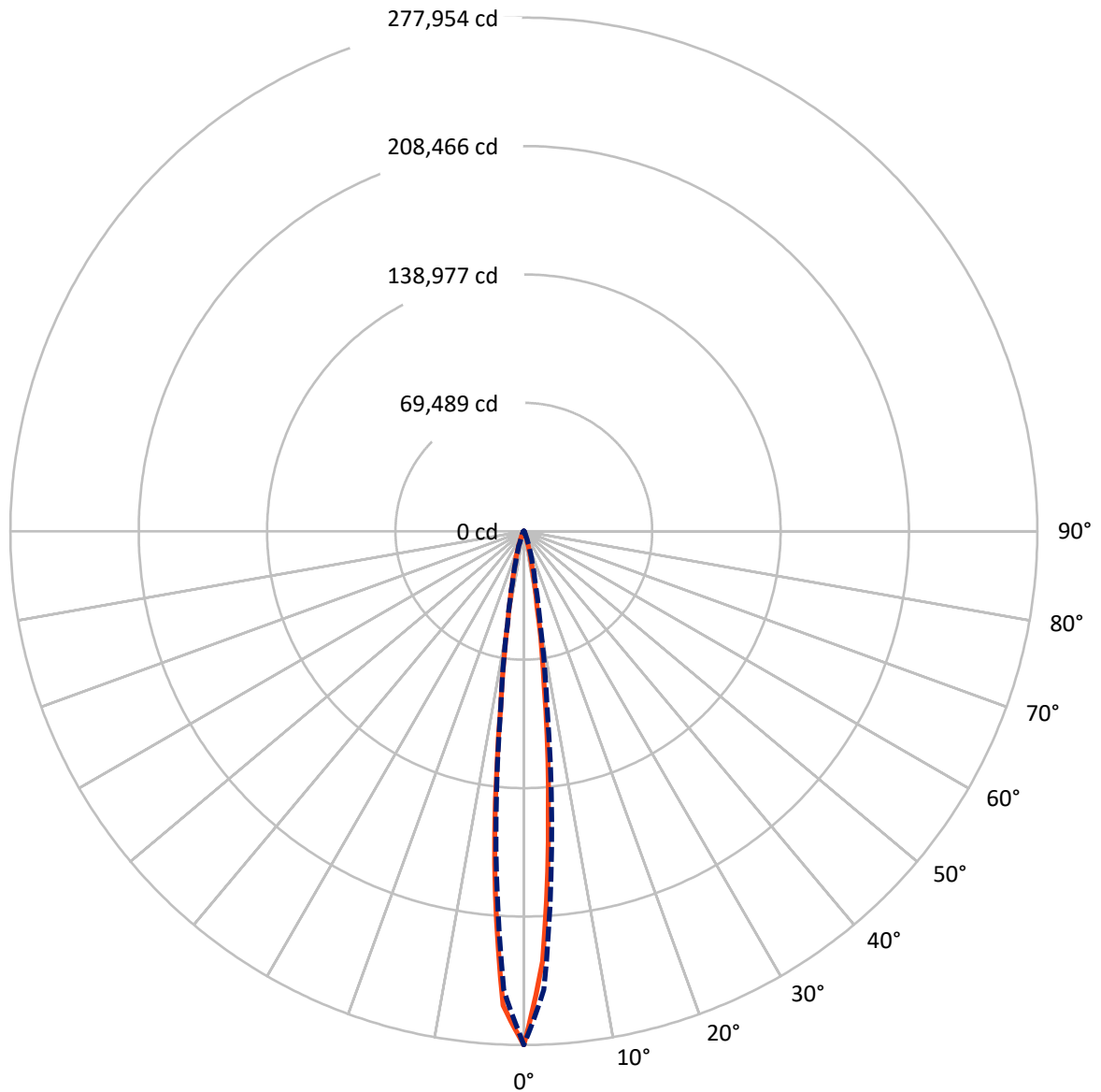
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Lumen Table

90	0.1	1.2		1.0		0.4		0.0		0.4		1.0		1.2		0.1
80	0.1	1.2		1.0		0.4		0.0		0.4		1.0		1.2		0.1
70	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2
60		0.1	0.2	0.5	1.0	1.5	1.9	2.1	2.1	1.9	1.5	1.0	0.5	0.2	0.1	
50	0.1	0.2	0.6	1.6	2.8	3.9	5.2	6.1	6.1	5.2	3.9	2.8	1.6	0.6	0.2	0.1
40		0.3	1.3	2.9	5.0	7.8	11.8	14.1	14.1	11.8	7.8	5.0	2.9	1.3	0.3	
30	0.2	0.6	2.1	4.3	7.8	13.4	25.9	41.8	41.8	25.9	13.4	7.8	4.3	2.1	0.6	0.2
20		0.9	2.8	5.8	11.8	29.3	153.0	387.0	387.0	153.0	29.3	11.8	5.8	2.8	0.9	
10	0.3	1.1	3.3	6.9	14.4	59.5	492.7	3035.8	3035.8	492.7	59.5	14.4	6.9	3.3	1.1	0.3
0		1.3	3.6	7.3	15.0	67.8	542.1	3343.3	3343.3	542.1	67.8	15.0	7.3	3.6	1.3	
-10	0.4	1.3	3.8	7.2	14.1	40.6	243.3	586.3	586.3	243.3	40.6	14.1	7.2	3.8	1.3	0.4
-20		1.3	3.7	6.8	11.9	20.7	50.3	94.5	94.5	50.3	20.7	11.9	6.8	3.7	1.3	
-30	0.4	1.2	3.4	6.4	9.9	14.7	20.8	24.4	24.4	20.8	14.7	9.9	6.4	3.4	1.2	0.4
-40		1.0	3.0	5.7	8.6	11.4	14.4	16.0	16.0	14.4	11.4	8.6	5.7	3.0	1.0	
-50	0.4	0.8	2.4	4.8	7.6	10.0	12.2	13.4	13.4	12.2	10.0	7.6	4.8	2.4	0.8	0.4
-60		0.7	1.7	3.5	5.8	8.0	10.0	11.1	11.1	10.0	8.0	5.8	3.5	1.7	0.7	
-70	0.4	0.8	2.4	4.8	7.6	10.0	12.2	13.4	13.4	12.2	10.0	7.6	4.8	2.4	0.8	0.4
-80		0.7	1.7	3.5	5.8	8.0	10.0	11.1	11.1	10.0	8.0	5.8	3.5	1.7	0.7	
-90	0.2	2.6		7.3		13.4		16.2		13.4		7.3		2.6		0.2

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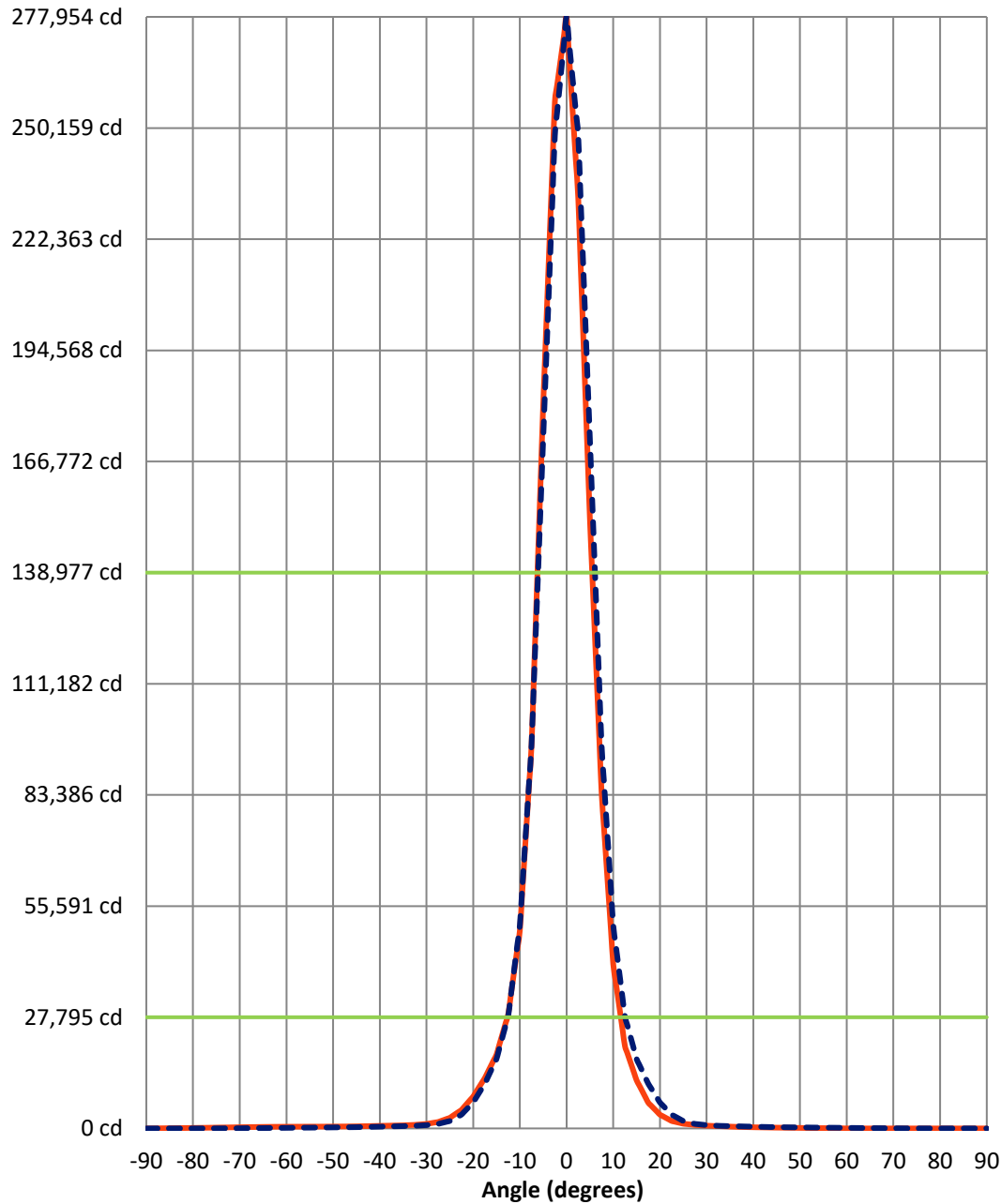
Luminous Intensity Polar Plot



— 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: 6074
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 13820.5
Efficiency: 71.2%

Spill:
Lumens: 5594.8
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	3.5	3.5
85°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	7.0	7.0
82.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	7.0	7.0	7.0
80°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	7.0	7.0	7.0
77.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	7.0
75°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
72.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
70°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
67.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
65°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
62.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
60°	7.0	7.0	7.0	7.0	10.4	10.4	13.9	13.9	13.9	7.0	13.9
57.5°	55.7	55.7	52.2	48.7	45.2	41.7	41.7	41.7	41.7	41.7	34.8
55°	76.5	76.5	76.5	73.0	73.0	69.6	66.1	62.6	62.6	59.1	55.7
52.5°	90.4	90.4	90.4	90.4	87.0	87.0	87.0	83.5	76.5	76.5	73.0
50°	128.7	125.2	125.2	125.2	125.2	118.3	114.8	107.8	104.3	100.9	97.4
47.5°	167.0	167.0	163.5	163.5	160.0	153.0	146.1	139.1	132.2	128.7	121.7
45°	198.3	198.3	194.8	194.8	191.3	184.3	173.9	163.5	156.5	149.6	142.6
42.5°	243.5	240.0	236.5	233.0	226.1	215.7	201.7	187.8	177.4	167.0	160.0
40°	292.2	292.2	288.7	285.2	274.8	264.4	247.0	229.6	212.2	191.3	180.9
37.5°	351.3	354.8	358.3	358.3	351.3	337.4	313.0	292.2	264.4	236.5	222.6
35°	459.1	459.1	466.1	466.1	455.7	438.3	420.9	375.7	340.9	306.1	274.8
32.5°	577.4	580.9	567.0	556.5	542.6	521.7	490.4	452.2	413.9	368.7	333.9
30°	692.2	692.2	674.8	653.9	626.1	591.3	553.0	511.3	466.1	420.9	379.1
27.5°	873.1	855.7	841.7	807.0	758.3	692.2	643.5	577.4	518.3	466.1	420.9
25°	1172.2	1168.7	1137.4	1078.3	980.9	876.5	796.5	685.2	594.8	514.8	462.6
22.5°	1864.4	1840.0	1767.0	1620.9	1391.3	1210.4	1047.0	873.1	709.6	601.7	518.3
20°	3447.0	3367.0	3172.2	2768.7	2253.9	1899.1	1492.2	1200.0	925.2	723.5	598.3
17.5°	6431.4	6379.2	6306.1	5374.0	4327.0	3575.7	2660.9	1840.0	1314.8	946.1	709.6
15°	12055.8	11669.7	10862.7	9746.2	8281.8	6400.1	4706.1	2970.5	1878.3	1259.1	900.9
12.5°	20608.9	20181.1	18097.6	15304.5	12671.4	9993.1	7015.7	4514.8	2674.8	1600.0	1067.8
10°	41064.8	37958.6	32125.5	23975.9	18713.2	13954.9	9850.5	6160.1	3481.8	2020.9	1266.1
7.5°	84108.7	73959.0	56991.9	40233.4	26042.0	18302.8	12581.0	8055.7	4640.0	2528.7	1447.0
5°	152443.2	134436.1	101281.0	60985.0	37816.0	22939.4	14928.8	9579.2	5492.2	2942.6	1627.8
2.5°	232771.0	209476.9	146425.8	83858.2	46630.0	26529.0	16570.6	10581.0	6034.8	3224.4	1767.0
0°	277954.1	248284.2	172440.0	96007.9	50828.3	28052.5	17374.1	11182.7	6494.0	3453.9	1857.4
-2.5°	256760.8	232875.3	158474.6	89183.5	48570.9	27384.6	17488.9	11332.3	6570.5	3516.6	1899.1
-5°	180965.3	161361.6	109653.3	65812.8	41210.8	25224.6	16501.0	10768.8	6358.3	3426.1	1881.8
-7.5°	95740.1	86870.4	65030.2	47290.9	30080.3	21349.8	14855.8	9770.5	5808.8	3182.6	1777.4
-10°	49464.8	47645.7	41057.8	30949.9	24341.1	17885.4	12678.4	8354.9	4855.7	2740.9	1600.0
-12.5°	28518.5	28209.0	26090.7	22396.7	18664.5	14692.3	10403.6	6814.0	4052.2	2271.3	1349.6
-15°	18466.3	18598.4	17861.0	16323.6	14198.4	10994.9	7993.1	5067.9	2998.3	1840.0	1189.6
-17.5°	12601.9	12567.1	12222.7	11168.8	9457.5	7426.2	5297.4	3579.2	2271.3	1433.1	987.8
-20°	7972.3	7986.2	7666.2	6939.2	5680.1	4577.4	3297.4	2413.9	1610.5	1127.0	873.1



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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°	4626.1	4636.6	4434.8	4024.4	3363.5	2713.1	2142.6	1596.5	1186.1	939.1	765.2
-25°	2657.4	2615.7	2535.7	2337.4	2027.8	1673.1	1422.6	1123.5	949.6	796.5	699.1
-27.5°	1610.5	1582.6	1540.9	1453.9	1332.2	1154.8	1040.0	907.8	807.0	716.5	657.4
-30°	1123.5	1133.9	1099.1	1053.9	998.3	918.3	855.7	793.1	727.0	671.3	615.7
-32.5°	893.9	900.9	883.5	866.1	838.3	807.0	768.7	723.5	671.3	619.1	567.0
-35°	768.7	772.2	772.2	768.7	761.7	737.4	709.6	667.8	619.1	570.4	525.2
-37.5°	706.1	709.6	709.6	706.1	695.7	674.8	647.0	612.2	567.0	521.7	487.0
-40°	640.0	643.5	640.0	633.0	622.6	601.7	580.9	553.0	518.3	480.0	448.7
-42.5°	577.4	573.9	570.4	563.5	553.0	539.1	521.7	500.9	476.5	448.7	424.4
-45°	518.3	518.3	514.8	511.3	504.4	493.9	483.5	466.1	448.7	427.8	407.0
-47.5°	487.0	487.0	483.5	480.0	476.5	469.6	459.1	445.2	431.3	413.9	396.5
-50°	466.1	466.1	466.1	462.6	459.1	452.2	441.7	431.3	417.4	400.0	382.6
-52.5°	452.2	452.2	452.2	448.7	445.2	441.7	431.3	417.4	400.0	386.1	372.2
-55°	445.2	441.7	441.7	438.3	434.8	431.3	417.4	403.5	389.6	375.7	361.7
-57.5°	434.8	431.3	431.3	427.8	424.4	420.9	407.0	393.0	379.1	361.7	351.3
-60°	424.4	420.9	420.9	413.9	410.4	407.0	393.0	379.1	365.2	351.3	337.4
-62.5°	410.4	407.0	403.5	400.0	393.0	386.1	375.7	361.7	344.4	330.4	316.5
-65°	379.1	375.7	372.2	368.7	365.2	361.7	351.3	333.9	320.0	306.1	292.2
-67.5°	340.9	340.9	340.9	333.9	330.4	323.5	316.5	302.6	288.7	274.8	264.4
-70°	295.7	295.7	295.7	288.7	285.2	281.7	271.3	260.9	250.4	240.0	226.1
-72.5°	250.4	247.0	247.0	243.5	236.5	233.0	226.1	219.1	208.7	201.7	191.3
-75°	205.2	201.7	201.7	198.3	194.8	191.3	184.3	180.9	173.9	167.0	156.5
-77.5°	163.5	163.5	163.5	160.0	156.5	153.0	149.6	146.1	142.6	135.7	128.7
-80°	125.2	125.2	125.2	125.2	125.2	125.2	125.2	121.7	114.8	111.3	107.8
-82.5°	90.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	90.4	87.0	83.5
-85°	59.1	62.6	62.6	66.1	69.6	69.6	73.0	69.6	66.1	59.1	55.7
-87.5°	31.3	31.3	31.3	31.3	31.3	31.3	31.3	27.8	27.8	27.8	24.3
-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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	7.0	7.0	7.0
85°	7.0	7.0	7.0	7.0	10.4	10.4	10.4	13.9	13.9	13.9	13.9
82.5°	7.0	10.4	10.4	10.4	13.9	13.9	17.4	20.9	27.8	31.3	31.3
80°	7.0	10.4	10.4	10.4	13.9	13.9	17.4	17.4	20.9	24.3	31.3
77.5°	7.0	7.0	10.4	10.4	10.4	13.9	13.9	17.4	17.4	20.9	24.3
75°	3.5	7.0	7.0	7.0	10.4	10.4	13.9	13.9	17.4	17.4	20.9
72.5°	3.5	7.0	7.0	7.0	10.4	10.4	13.9	13.9	13.9	17.4	17.4
70°	3.5	7.0	7.0	7.0	7.0	10.4	10.4	10.4	13.9	13.9	13.9
67.5°	3.5	3.5	3.5	7.0	7.0	7.0	7.0	10.4	10.4	10.4	13.9
65°	3.5	3.5	3.5	3.5	7.0	7.0	7.0	7.0	10.4	10.4	10.4
62.5°	3.5	3.5	3.5	7.0	7.0	7.0	7.0	7.0	10.4	10.4	10.4
60°	13.9	13.9	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
57.5°	31.3	31.3	27.8	24.3	20.9	20.9	17.4	13.9	13.9	10.4	10.4
55°	52.2	48.7	45.2	38.3	34.8	31.3	27.8	20.9	17.4	13.9	10.4
52.5°	66.1	62.6	59.1	55.7	48.7	41.7	38.3	34.8	27.8	20.9	17.4
50°	97.4	87.0	80.0	73.0	66.1	59.1	52.2	48.7	38.3	31.3	24.3
47.5°	118.3	111.3	100.9	93.9	87.0	76.5	66.1	59.1	52.2	41.7	31.3
45°	135.7	128.7	118.3	111.3	104.3	93.9	83.5	73.0	66.1	55.7	41.7
42.5°	153.0	146.1	135.7	128.7	118.3	107.8	97.4	87.0	76.5	69.6	55.7
40°	177.4	167.0	153.0	146.1	139.1	125.2	111.3	100.9	90.4	80.0	66.1
37.5°	208.7	198.3	180.9	167.0	156.5	146.1	132.2	118.3	107.8	93.9	80.0
35°	257.4	240.0	215.7	194.8	180.9	167.0	149.6	135.7	121.7	107.8	93.9
32.5°	306.1	278.3	247.0	222.6	201.7	184.3	167.0	153.0	135.7	118.3	104.3
30°	344.4	313.0	281.7	247.0	222.6	201.7	184.3	167.0	149.6	132.2	114.8
27.5°	382.6	347.8	313.0	278.3	243.5	215.7	198.3	180.9	163.5	146.1	125.2
25°	420.9	382.6	347.8	309.6	267.8	236.5	212.2	198.3	180.9	160.0	135.7
22.5°	455.7	420.9	386.1	344.4	295.7	253.9	229.6	212.2	194.8	170.4	149.6
20°	521.7	476.5	434.8	382.6	327.0	285.2	253.9	229.6	208.7	184.3	160.0
17.5°	608.7	542.6	487.0	427.8	372.2	320.0	274.8	247.0	226.1	198.3	170.4
15°	720.0	605.2	535.7	476.5	410.4	351.3	302.6	264.4	236.5	208.7	184.3
12.5°	803.5	653.9	577.4	521.7	452.2	386.1	323.5	278.3	247.0	219.1	191.3
10°	897.4	706.1	612.2	549.6	476.5	403.5	337.4	288.7	253.9	229.6	201.7
7.5°	973.9	747.8	629.6	560.0	490.4	417.4	351.3	299.1	264.4	236.5	208.7
5°	1043.5	782.6	643.5	563.5	497.4	427.8	358.3	306.1	271.3	243.5	215.7
2.5°	1092.2	813.9	657.4	570.4	504.4	434.8	368.7	313.0	278.3	250.4	222.6
0°	1133.9	824.4	653.9	570.4	507.8	434.8	372.2	316.5	281.7	253.9	226.1
-2.5°	1147.8	841.7	671.3	577.4	514.8	441.7	379.1	320.0	285.2	257.4	233.0
-5°	1147.8	827.8	671.3	584.4	518.3	445.2	379.1	323.5	288.7	260.9	233.0
-7.5°	1106.1	807.0	667.8	591.3	521.7	448.7	379.1	327.0	292.2	264.4	236.5
-10°	1033.1	775.7	664.4	594.8	521.7	445.2	379.1	327.0	292.2	264.4	240.0
-12.5°	914.8	733.9	647.0	587.8	514.8	438.3	375.7	327.0	292.2	267.8	240.0
-15°	855.7	699.1	626.1	567.0	497.4	427.8	368.7	323.5	292.2	267.8	243.5
-17.5°	775.7	671.3	605.2	546.1	483.5	417.4	361.7	323.5	292.2	264.4	243.5
-20°	720.0	640.0	580.9	528.7	466.1	407.0	358.3	320.0	292.2	264.4	243.5



REPORT NUMBER: P724084

CATALOG NUMBER: IFLD-M-SA4B-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°	671.3	605.2	553.0	500.9	445.2	393.0	351.3	316.5	288.7	264.4	243.5
-25°	633.0	573.9	525.2	476.5	427.8	382.6	344.4	313.0	285.2	264.4	240.0
-27.5°	598.3	542.6	497.4	452.2	407.0	372.2	337.4	309.6	285.2	260.9	236.5
-30°	560.0	514.8	469.6	427.8	396.5	361.7	330.4	302.6	281.7	257.4	233.0
-32.5°	521.7	480.0	441.7	410.4	382.6	354.8	327.0	299.1	274.8	250.4	226.1
-35°	487.0	448.7	420.9	393.0	372.2	347.8	320.0	292.2	271.3	247.0	226.1
-37.5°	452.2	424.4	400.0	379.1	358.3	337.4	309.6	285.2	264.4	240.0	215.7
-40°	424.4	403.5	386.1	368.7	347.8	323.5	302.6	278.3	257.4	233.0	205.2
-42.5°	407.0	389.6	372.2	354.8	337.4	316.5	295.7	271.3	250.4	226.1	198.3
-45°	389.6	375.7	361.7	347.8	330.4	309.6	285.2	260.9	240.0	215.7	194.8
-47.5°	379.1	365.2	351.3	340.9	327.0	299.1	278.3	253.9	229.6	208.7	184.3
-50°	368.7	354.8	344.4	330.4	313.0	288.7	267.8	243.5	222.6	198.3	177.4
-52.5°	358.3	344.4	330.4	316.5	299.1	278.3	257.4	236.5	212.2	187.8	167.0
-55°	347.8	333.9	320.0	306.1	288.7	271.3	250.4	222.6	198.3	173.9	153.0
-57.5°	337.4	327.0	309.6	292.2	274.8	257.4	233.0	208.7	184.3	160.0	142.6
-60°	323.5	309.6	295.7	274.8	257.4	236.5	215.7	194.8	170.4	149.6	132.2
-62.5°	302.6	288.7	274.8	253.9	236.5	219.1	201.7	177.4	160.0	139.1	121.7
-65°	278.3	264.4	250.4	233.0	215.7	198.3	184.3	163.5	146.1	128.7	114.8
-67.5°	250.4	236.5	226.1	208.7	194.8	177.4	163.5	146.1	128.7	114.8	100.9
-70°	215.7	205.2	194.8	180.9	167.0	153.0	139.1	125.2	111.3	100.9	87.0
-72.5°	184.3	173.9	163.5	153.0	142.6	128.7	118.3	107.8	97.4	87.0	80.0
-75°	149.6	142.6	135.7	128.7	118.3	107.8	100.9	90.4	83.5	76.5	73.0
-77.5°	125.2	118.3	111.3	104.3	97.4	90.4	83.5	76.5	73.0	69.6	66.1
-80°	100.9	97.4	93.9	87.0	83.5	76.5	73.0	66.1	66.1	66.1	66.1
-82.5°	80.0	76.5	73.0	69.6	66.1	62.6	62.6	59.1	62.6	62.6	59.1
-85°	55.7	52.2	48.7	48.7	45.2	45.2	41.7	41.7	41.7	38.3	38.3
-87.5°	24.3	24.3	24.3	24.3	20.9	20.9	20.9	20.9	20.9	17.4	17.4
-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: P724084
 CATALOG NUMBER: IFLD-M-SA4B-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°	7.0	7.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	0.0	0.0
85°	13.9	13.9	10.4	10.4	10.4	7.0	7.0	3.5	3.5	3.5	3.5
82.5°	31.3	27.8	24.3	20.9	17.4	13.9	10.4	7.0	7.0	3.5	3.5
80°	38.3	38.3	38.3	34.8	27.8	20.9	13.9	10.4	7.0	3.5	3.5
77.5°	27.8	27.8	31.3	34.8	34.8	27.8	17.4	10.4	7.0	7.0	3.5
75°	20.9	20.9	20.9	24.3	27.8	27.8	20.9	13.9	7.0	7.0	3.5
72.5°	20.9	20.9	20.9	20.9	20.9	20.9	20.9	13.9	10.4	7.0	7.0
70°	17.4	17.4	17.4	17.4	17.4	17.4	17.4	13.9	10.4	7.0	7.0
67.5°	13.9	13.9	17.4	17.4	17.4	13.9	13.9	13.9	10.4	7.0	7.0
65°	10.4	13.9	13.9	17.4	13.9	13.9	13.9	10.4	10.4	7.0	7.0
62.5°	10.4	10.4	13.9	13.9	13.9	13.9	10.4	10.4	10.4	7.0	7.0
60°	10.4	10.4	10.4	13.9	10.4	10.4	10.4	10.4	10.4	7.0	7.0
57.5°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	7.0	7.0	7.0	7.0
55°	10.4	10.4	10.4	10.4	10.4	10.4	7.0	7.0	7.0	7.0	7.0
52.5°	13.9	10.4	10.4	10.4	10.4	10.4	7.0	7.0	7.0	7.0	7.0
50°	17.4	10.4	10.4	10.4	10.4	7.0	7.0	7.0	7.0	7.0	7.0
47.5°	24.3	17.4	13.9	10.4	10.4	7.0	7.0	7.0	7.0	7.0	3.5
45°	34.8	24.3	17.4	13.9	10.4	7.0	7.0	7.0	7.0	7.0	3.5
42.5°	41.7	31.3	20.9	17.4	13.9	10.4	7.0	7.0	7.0	3.5	3.5
40°	52.2	41.7	27.8	20.9	13.9	10.4	7.0	7.0	7.0	3.5	3.5
37.5°	66.1	52.2	34.8	24.3	17.4	10.4	10.4	7.0	7.0	3.5	3.5
35°	76.5	59.1	45.2	27.8	20.9	13.9	10.4	7.0	7.0	3.5	3.5
32.5°	87.0	69.6	55.7	34.8	24.3	17.4	13.9	7.0	7.0	3.5	3.5
30°	97.4	80.0	62.6	45.2	31.3	20.9	13.9	7.0	7.0	3.5	3.5
27.5°	107.8	87.0	69.6	52.2	34.8	24.3	17.4	10.4	7.0	3.5	3.5
25°	118.3	97.4	76.5	59.1	38.3	27.8	17.4	10.4	7.0	7.0	3.5
22.5°	125.2	107.8	87.0	66.1	45.2	31.3	20.9	13.9	7.0	7.0	3.5
20°	135.7	118.3	93.9	73.0	52.2	34.8	20.9	13.9	7.0	7.0	3.5
17.5°	146.1	125.2	100.9	80.0	59.1	38.3	24.3	17.4	7.0	7.0	3.5
15°	156.5	132.2	107.8	83.5	62.6	41.7	24.3	17.4	7.0	7.0	3.5
12.5°	167.0	142.6	114.8	90.4	66.1	45.2	27.8	20.9	10.4	7.0	3.5
10°	173.9	149.6	121.7	93.9	69.6	52.2	31.3	20.9	10.4	7.0	3.5
7.5°	184.3	156.5	128.7	100.9	73.0	55.7	34.8	20.9	10.4	7.0	3.5
5°	187.8	163.5	132.2	107.8	76.5	59.1	38.3	24.3	10.4	7.0	3.5
2.5°	191.3	170.4	135.7	111.3	80.0	59.1	38.3	24.3	13.9	7.0	3.5
0°	194.8	173.9	139.1	114.8	83.5	62.6	41.7	24.3	13.9	7.0	3.5
-2.5°	198.3	177.4	146.1	118.3	87.0	66.1	45.2	24.3	13.9	7.0	3.5
-5°	201.7	177.4	153.0	121.7	90.4	66.1	45.2	27.8	17.4	7.0	3.5
-7.5°	205.2	180.9	156.5	125.2	93.9	66.1	48.7	27.8	17.4	10.4	3.5
-10°	208.7	184.3	160.0	128.7	93.9	69.6	48.7	27.8	17.4	10.4	3.5
-12.5°	212.2	187.8	160.0	128.7	97.4	69.6	48.7	31.3	17.4	10.4	3.5
-15°	215.7	187.8	160.0	128.7	97.4	73.0	52.2	31.3	17.4	10.4	7.0
-17.5°	215.7	187.8	160.0	132.2	97.4	73.0	52.2	31.3	17.4	10.4	7.0
-20°	215.7	187.8	160.0	132.2	97.4	73.0	52.2	31.3	17.4	10.4	7.0



REPORT NUMBER: P724084
 CATALOG NUMBER: IFLD-M-SA4B-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°	212.2	184.3	160.0	128.7	97.4	73.0	52.2	31.3	20.9	10.4	7.0
-25°	212.2	184.3	160.0	128.7	97.4	73.0	48.7	31.3	20.9	10.4	7.0
-27.5°	208.7	184.3	156.5	125.2	93.9	69.6	48.7	31.3	20.9	10.4	7.0
-30°	205.2	180.9	153.0	121.7	93.9	69.6	48.7	31.3	20.9	10.4	7.0
-32.5°	201.7	173.9	149.6	118.3	90.4	66.1	48.7	31.3	20.9	10.4	7.0
-35°	194.8	170.4	142.6	114.8	87.0	66.1	45.2	31.3	20.9	13.9	7.0
-37.5°	187.8	163.5	139.1	111.3	83.5	62.6	45.2	31.3	20.9	13.9	7.0
-40°	180.9	160.0	132.2	104.3	80.0	59.1	45.2	31.3	20.9	13.9	10.4
-42.5°	173.9	153.0	128.7	100.9	80.0	59.1	41.7	31.3	20.9	13.9	10.4
-45°	170.4	149.6	121.7	97.4	76.5	59.1	41.7	27.8	20.9	13.9	10.4
-47.5°	163.5	139.1	114.8	93.9	73.0	55.7	38.3	27.8	20.9	13.9	10.4
-50°	153.0	132.2	111.3	90.4	69.6	52.2	38.3	27.8	20.9	13.9	10.4
-52.5°	142.6	121.7	104.3	83.5	66.1	52.2	38.3	27.8	20.9	13.9	10.4
-55°	132.2	114.8	97.4	80.0	62.6	48.7	34.8	27.8	20.9	13.9	10.4
-57.5°	125.2	107.8	90.4	73.0	59.1	45.2	34.8	24.3	17.4	13.9	10.4
-60°	118.3	100.9	83.5	69.6	55.7	45.2	34.8	24.3	17.4	13.9	7.0
-62.5°	107.8	93.9	76.5	66.1	52.2	41.7	31.3	24.3	17.4	13.9	7.0
-65°	97.4	83.5	69.6	59.1	48.7	38.3	31.3	24.3	17.4	13.9	7.0
-67.5°	87.0	76.5	66.1	55.7	45.2	38.3	31.3	24.3	17.4	10.4	7.0
-70°	80.0	69.6	59.1	52.2	45.2	34.8	31.3	24.3	17.4	10.4	7.0
-72.5°	69.6	62.6	55.7	48.7	41.7	38.3	31.3	24.3	13.9	10.4	7.0
-75°	66.1	59.1	52.2	48.7	45.2	38.3	31.3	20.9	13.9	10.4	7.0
-77.5°	66.1	59.1	55.7	52.2	45.2	38.3	27.8	17.4	10.4	10.4	7.0
-80°	66.1	62.6	59.1	48.7	41.7	31.3	20.9	17.4	10.4	7.0	3.5
-82.5°	59.1	48.7	41.7	34.8	31.3	24.3	17.4	13.9	7.0	7.0	3.5
-85°	38.3	31.3	27.8	24.3	20.9	17.4	10.4	7.0	7.0	3.5	3.5
-87.5°	17.4	17.4	13.9	10.4	10.4	7.0	7.0	3.5	3.5	3.5	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: P724084
 CATALOG NUMBER: IFLD-M-SA4B-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°	3.5	0.0	0.0	0.0
77.5°	3.5	0.0	0.0	0.0
75°	3.5	3.5	0.0	0.0
72.5°	3.5	3.5	0.0	0.0
70°	3.5	3.5	0.0	0.0
67.5°	3.5	3.5	0.0	0.0
65°	3.5	3.5	0.0	0.0
62.5°	3.5	3.5	0.0	0.0
60°	3.5	3.5	0.0	0.0
57.5°	3.5	3.5	3.5	0.0
55°	3.5	3.5	3.5	0.0
52.5°	3.5	3.5	3.5	0.0
50°	3.5	3.5	3.5	0.0
47.5°	3.5	3.5	3.5	0.0
45°	3.5	3.5	3.5	0.0
42.5°	3.5	3.5	3.5	0.0
40°	3.5	3.5	3.5	0.0
37.5°	3.5	3.5	3.5	0.0
35°	3.5	3.5	3.5	0.0
32.5°	3.5	3.5	3.5	0.0
30°	3.5	3.5	3.5	0.0
27.5°	3.5	3.5	3.5	0.0
25°	3.5	3.5	3.5	0.0
22.5°	3.5	3.5	3.5	0.0
20°	3.5	3.5	3.5	0.0
17.5°	3.5	3.5	3.5	0.0
15°	3.5	3.5	3.5	0.0
12.5°	3.5	3.5	3.5	0.0
10°	3.5	3.5	3.5	0.0
7.5°	3.5	3.5	3.5	0.0
5°	3.5	3.5	3.5	0.0
2.5°	3.5	3.5	3.5	0.0
0°	3.5	3.5	3.5	0.0
-2.5°	3.5	3.5	3.5	0.0
-5°	3.5	3.5	3.5	0.0
-7.5°	3.5	3.5	3.5	0.0
-10°	3.5	3.5	3.5	0.0
-12.5°	3.5	3.5	3.5	0.0
-15°	3.5	3.5	3.5	0.0
-17.5°	3.5	3.5	3.5	0.0
-20°	3.5	3.5	3.5	0.0



REPORT NUMBER: P724084

CATALOG NUMBER: IFLD-M-SA4B-730-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.5	3.5	3.5	0.0
-25°	3.5	3.5	3.5	0.0
-27.5°	3.5	3.5	3.5	0.0
-30°	3.5	3.5	3.5	0.0
-32.5°	3.5	3.5	3.5	0.0
-35°	3.5	3.5	3.5	0.0
-37.5°	3.5	3.5	3.5	0.0
-40°	3.5	3.5	3.5	0.0
-42.5°	3.5	3.5	3.5	0.0
-45°	3.5	3.5	3.5	0.0
-47.5°	3.5	3.5	3.5	0.0
-50°	3.5	3.5	3.5	0.0
-52.5°	3.5	3.5	3.5	0.0
-55°	3.5	3.5	3.5	0.0
-57.5°	3.5	3.5	3.5	0.0
-60°	3.5	3.5	0.0	0.0
-62.5°	3.5	3.5	0.0	0.0
-65°	3.5	3.5	0.0	0.0
-67.5°	3.5	3.5	0.0	0.0
-70°	3.5	3.5	0.0	0.0
-72.5°	3.5	3.5	0.0	0.0
-75°	3.5	3.5	0.0	0.0
-77.5°	3.5	0.0	0.0	0.0
-80°	3.5	0.0	0.0	0.0
-82.5°	3.5	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)