

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: P724028

Luminaire Tested: **IFLD-M-SA4D-722-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724028
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-722-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (64) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

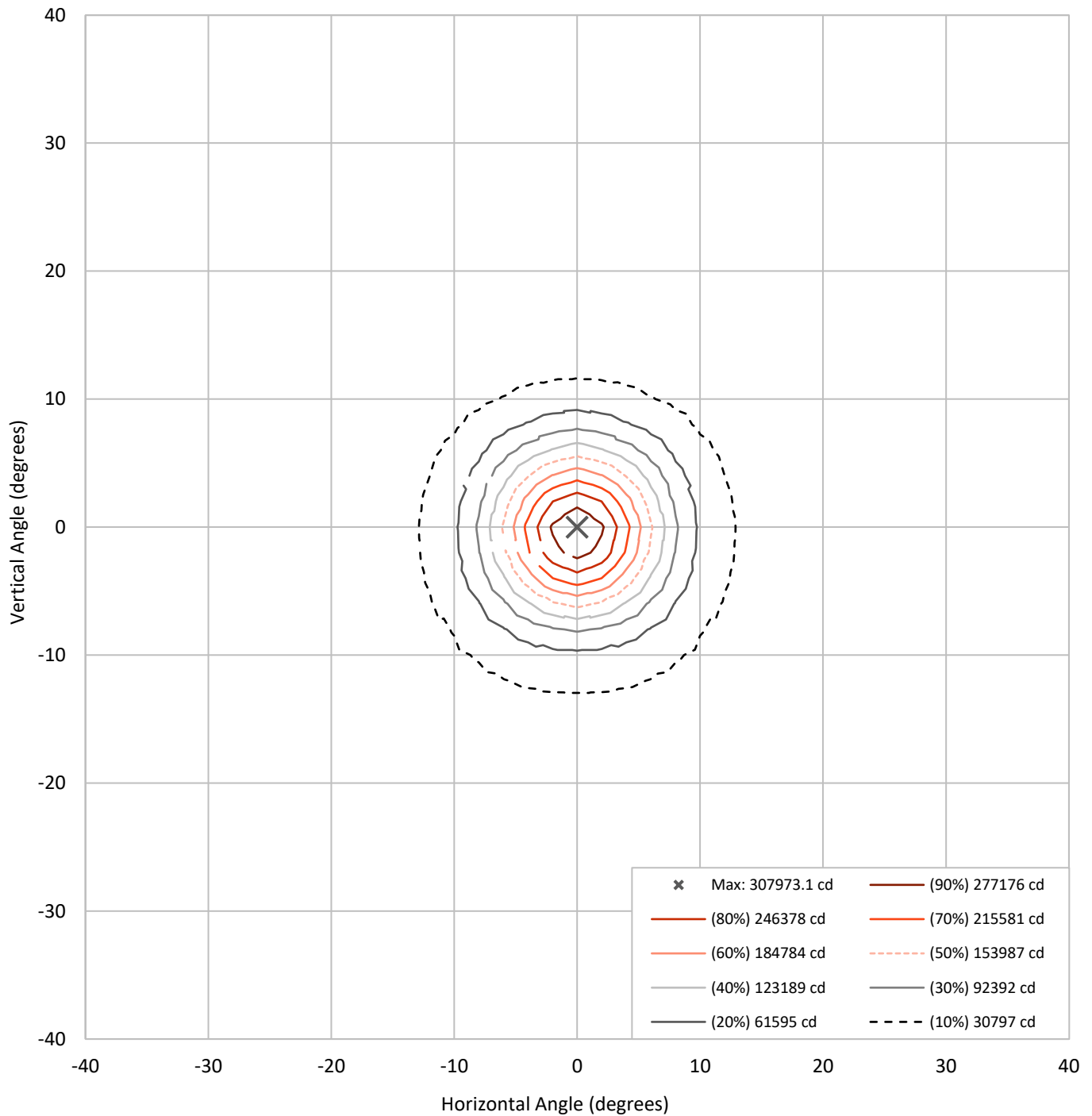
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	21512.1 lumens	Max Intensity:	307973.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.2 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6730 lumens	Field Lumens:	15313.1 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





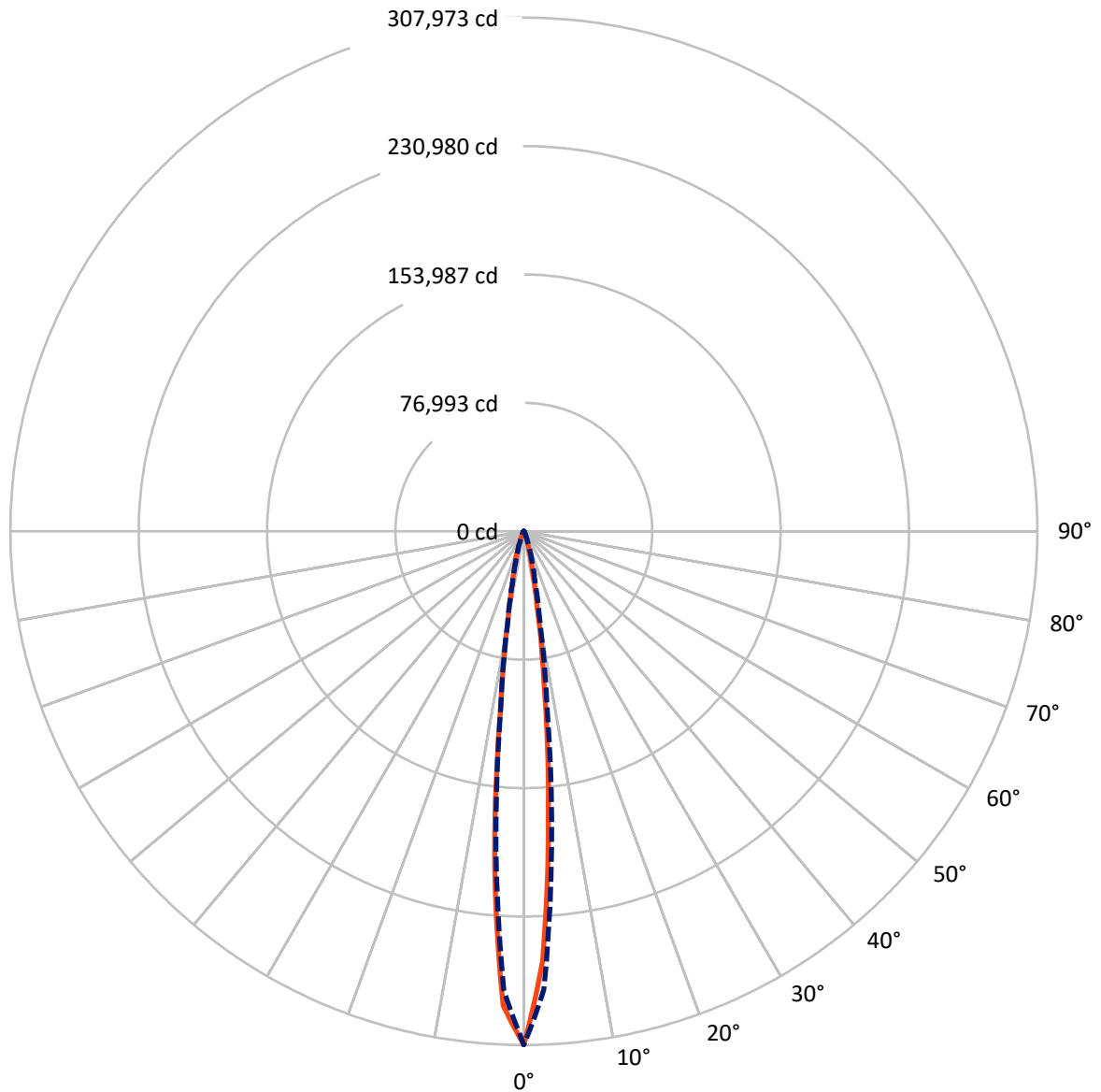
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Lumen Table

90	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1			
80	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1			
70	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.0	0.0	0.2	0.1	0.2	0.2	0.2	0.2	0.2			
60		0.1	0.2	0.6	1.1	1.7	2.1	2.4	2.4	2.1	1.7	1.1	0.6	0.2	0.1				
50	0.1	0.2	0.7	1.8	3.1	4.3	5.7	6.7	6.7	5.7	4.3	3.1	1.8	0.7	0.2	0.1			
40		0.3	1.5	3.2	5.5	8.6	13.1	15.6	15.6	13.1	8.6	5.5	3.2	1.5	0.3				
30	0.2	0.6	2.3	4.7	8.6	14.9	28.7	46.3	46.3	28.7	14.9	8.6	4.7	2.3	0.6	0.2			
20		0.9	3.1	6.5	13.1	32.4	169.5	428.8	428.8	169.5	32.4	13.1	6.5	3.1	0.9				
10	0.4	1.2	3.7	7.6	16.0	65.9	545.9	3363.7	3363.7	545.9	65.9	16.0	7.6	3.7	1.2	0.4			
0		1.4	4.0	8.1	16.7	75.1	600.7	3704.4	3704.4	600.7	75.1	16.7	8.1	4.0	1.4				
-10	0.4	1.5	4.2	8.0	15.6	45.0	269.6	649.7	649.7	269.6	45.0	15.6	8.0	4.2	1.5	0.4			
-20		1.5	4.1	7.6	13.2	22.9	55.7	104.7	104.7	55.7	22.9	13.2	7.6	4.1	1.5				
-30	0.5	1.3	3.8	7.0	11.0	16.3	23.0	27.0	27.0	23.0	16.3	11.0	7.0	3.8	1.3	0.5			
-40		1.1	3.3	6.3	9.6	12.6	16.0	17.8	17.8	16.0	12.6	9.6	6.3	3.3	1.1				
-50	0.4	0.9	2.6	5.3	8.4	11.1	13.6	14.8	14.8	13.6	11.1	8.4	5.3	2.6	0.9	0.4			
-60		0.7	1.9	3.9	6.4	8.8	11.1	12.3	12.3	11.1	8.8	6.4	3.9	1.9	0.7				
-70	0.2	2.9		8.1		14.9		17.9		14.9		8.1		2.9		0.2			
-80		2.9		8.1		14.9		17.9		14.9		8.1		2.9					
-90	0.2	2.9		8.1		14.9		17.9		14.9		8.1		2.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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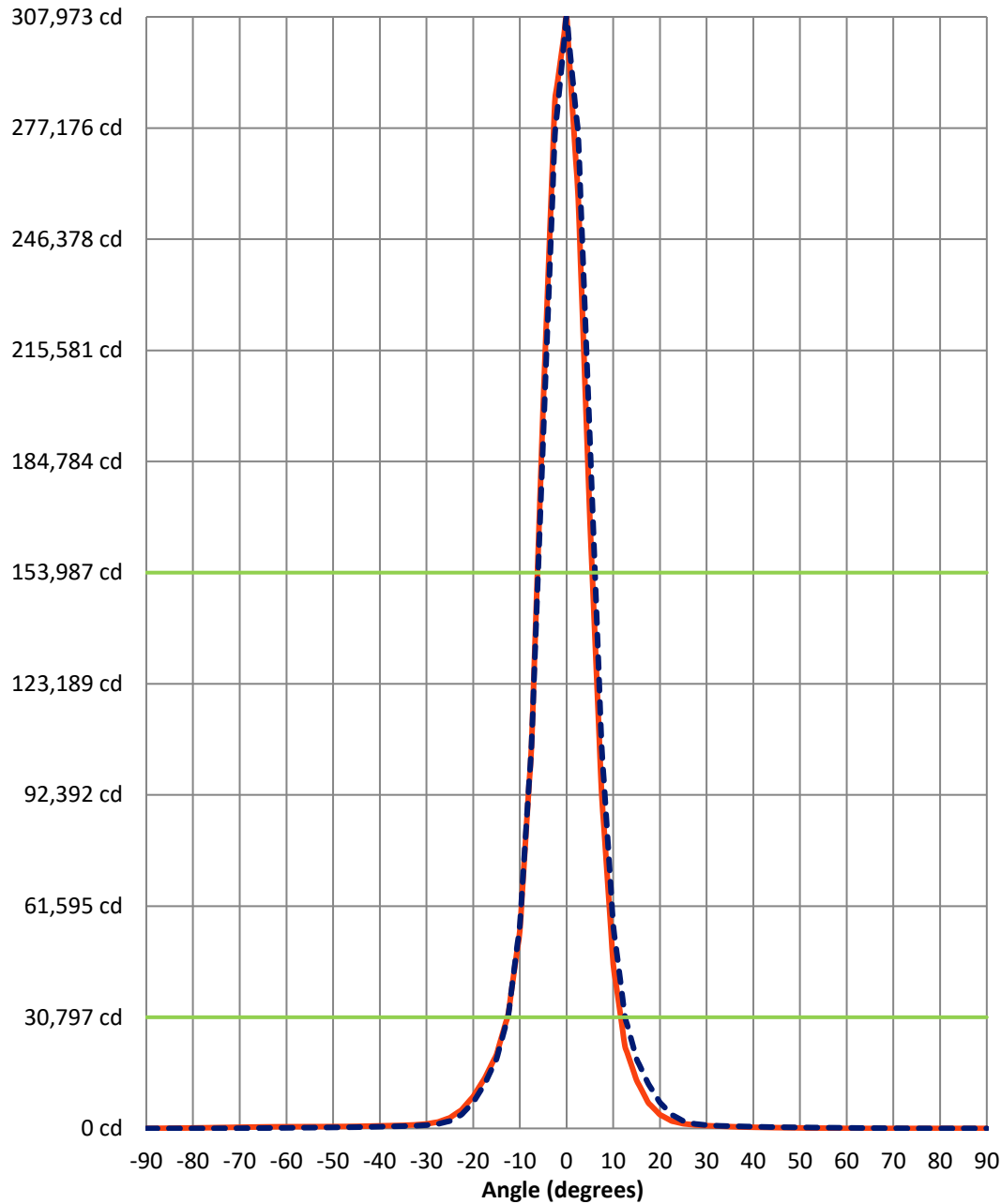
Luminous Intensity Polar Plot



— 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: 6730
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 15313.1
 Efficiency: 71.2%

Spill:
 Lumens: 6199
 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	3.9	3.9
85°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	7.7	7.7
82.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	7.7	7.7	7.7
80°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	7.7	7.7	7.7
77.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	7.7
75°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
72.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
70°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
67.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
65°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
62.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
60°	7.7	7.7	7.7	7.7	11.6	11.6	15.4	15.4	15.4	7.7	15.4
57.5°	61.7	61.7	57.8	54.0	50.1	46.2	46.2	46.2	46.2	46.2	38.5
55°	84.8	84.8	84.8	80.9	80.9	77.1	73.2	69.4	69.4	65.5	61.7
52.5°	100.2	100.2	100.2	100.2	96.3	96.3	96.3	92.5	84.8	84.8	80.9
50°	142.6	138.7	138.7	138.7	138.7	131.0	127.2	119.5	115.6	111.8	107.9
47.5°	185.0	185.0	181.1	181.1	177.3	169.6	161.9	154.2	146.5	142.6	134.9
45°	219.7	219.7	215.8	215.8	212.0	204.3	192.7	181.1	173.4	165.7	158.0
42.5°	269.8	265.9	262.1	258.2	250.5	238.9	223.5	208.1	196.6	185.0	177.3
40°	323.7	323.7	319.9	316.0	304.5	292.9	273.6	254.4	235.1	212.0	200.4
37.5°	389.2	393.1	397.0	397.0	389.2	373.8	346.9	323.7	292.9	262.1	246.7
35°	508.7	508.7	516.4	516.4	504.9	485.6	466.3	416.2	377.7	339.1	304.5
32.5°	639.8	643.6	628.2	616.6	601.2	578.1	543.4	501.0	458.6	408.5	370.0
30°	766.9	766.9	747.7	724.5	693.7	655.2	612.8	566.5	516.4	466.3	420.1
27.5°	967.3	948.1	932.7	894.1	840.2	766.9	713.0	639.8	574.2	516.4	466.3
25°	1298.8	1294.9	1260.2	1194.7	1086.8	971.2	882.6	759.2	659.0	570.4	512.6
22.5°	2065.7	2038.7	1957.8	1795.9	1541.6	1341.2	1160.0	967.3	786.2	666.7	574.2
20°	3819.3	3730.6	3514.8	3067.7	2497.4	2104.3	1653.3	1329.6	1025.2	801.6	662.9
17.5°	7126.0	7068.1	6987.2	5954.4	4794.3	3961.9	2948.3	2038.7	1456.8	1048.3	786.2
15°	13357.8	12930.0	12035.9	10798.8	9176.3	7091.3	5214.4	3291.3	2081.1	1395.1	998.2
12.5°	22834.7	22360.6	20052.1	16957.4	14039.9	11072.4	7773.4	5002.4	2963.7	1772.8	1183.2
10°	45499.8	42058.2	35595.1	26565.3	20734.3	15462.1	10914.4	6825.3	3857.8	2239.1	1402.8
7.5°	93192.4	81946.6	63147.0	44578.7	28854.5	20279.5	13939.7	8925.8	5141.2	2801.8	1603.2
5°	168907.1	148955.2	112219.4	67571.3	41900.2	25416.8	16541.2	10613.8	6085.4	3260.4	1803.6
2.5°	257910.3	232100.4	162239.8	92914.9	51666.1	29394.1	18360.2	11723.7	6686.6	3572.6	1957.8
0°	307973.1	275098.9	191063.5	106376.8	56317.8	31082.1	19250.5	12390.5	7195.3	3827.0	2058.0
-2.5°	284491.0	258025.9	175589.9	98815.3	53816.6	30342.2	19377.7	12556.2	7280.1	3896.3	2104.3
-5°	200509.5	178788.7	121495.8	72920.6	45661.6	27948.9	18283.1	11931.8	7045.0	3796.1	2085.0
-7.5°	106080.0	96252.4	72053.5	52398.3	33329.0	23655.6	16460.2	10825.8	6436.1	3526.4	1969.4
-10°	54807.0	52791.4	45492.0	34292.5	26970.0	19817.0	14047.7	9257.2	5380.1	3036.9	1772.8
-12.5°	31598.5	31255.5	28908.5	24815.6	20680.3	16279.1	11527.2	7549.9	4489.9	2516.6	1495.3
-15°	20460.6	20607.1	19790.0	18086.6	15731.8	12182.3	8856.4	5615.2	3322.1	2038.7	1318.1
-17.5°	13962.9	13924.3	13542.8	12375.0	10478.9	8228.2	5869.6	3965.7	2516.6	1587.8	1094.5
-20°	8833.3	8848.7	8494.1	7688.6	6293.5	5071.8	3653.5	2674.6	1784.4	1248.7	967.3



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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°	5125.8	5137.3	4913.8	4459.0	3726.8	3006.1	2374.0	1769.0	1314.2	1040.6	847.9
-25°	2944.4	2898.2	2809.5	2589.9	2246.9	1853.8	1576.3	1244.8	1052.1	882.6	774.6
-27.5°	1784.4	1753.5	1707.3	1611.0	1476.1	1279.5	1152.3	1005.9	894.1	793.9	728.4
-30°	1244.8	1256.4	1217.8	1167.7	1106.1	1017.4	948.1	878.7	805.5	743.8	682.1
-32.5°	990.5	998.2	978.9	959.6	928.8	894.1	851.7	801.6	743.8	686.0	628.2
-35°	851.7	855.6	855.6	851.7	844.0	817.0	786.2	740.0	686.0	632.0	581.9
-37.5°	782.4	786.2	786.2	782.4	770.8	747.7	716.8	678.3	628.2	578.1	539.6
-40°	709.1	713.0	709.1	701.4	689.9	666.7	643.6	612.8	574.2	531.8	497.2
-42.5°	639.8	635.9	632.0	624.3	612.8	597.4	578.1	555.0	528.0	497.2	470.2
-45°	574.2	574.2	570.4	566.5	558.8	547.3	535.7	516.4	497.2	474.0	450.9
-47.5°	539.6	539.6	535.7	531.8	528.0	520.3	508.7	493.3	477.9	458.6	439.4
-50°	516.4	516.4	516.4	512.6	508.7	501.0	489.5	477.9	462.5	443.2	423.9
-52.5°	501.0	501.0	501.0	497.2	493.3	489.5	477.9	462.5	443.2	427.8	412.4
-55°	493.3	489.5	489.5	485.6	481.7	477.9	462.5	447.1	431.6	416.2	400.8
-57.5°	481.7	477.9	477.9	474.0	470.2	466.3	450.9	435.5	420.1	400.8	389.2
-60°	470.2	466.3	466.3	458.6	454.8	450.9	435.5	420.1	404.7	389.2	373.8
-62.5°	454.8	450.9	447.1	443.2	435.5	427.8	416.2	400.8	381.5	366.1	350.7
-65°	420.1	416.2	412.4	408.5	404.7	400.8	389.2	370.0	354.6	339.1	323.7
-67.5°	377.7	377.7	377.7	370.0	366.1	358.4	350.7	335.3	319.9	304.5	292.9
-70°	327.6	327.6	327.6	319.9	316.0	312.2	300.6	289.0	277.5	265.9	250.5
-72.5°	277.5	273.6	273.6	269.8	262.1	258.2	250.5	242.8	231.2	223.5	212.0
-75°	227.4	223.5	223.5	219.7	215.8	212.0	204.3	200.4	192.7	185.0	173.4
-77.5°	181.1	181.1	181.1	177.3	173.4	169.6	165.7	161.9	158.0	150.3	142.6
-80°	138.7	138.7	138.7	138.7	138.7	138.7	138.7	134.9	127.2	123.3	119.5
-82.5°	100.2	104.1	104.1	104.1	104.1	104.1	104.1	104.1	100.2	96.3	92.5
-85°	65.5	69.4	69.4	73.2	77.1	77.1	80.9	77.1	73.2	65.5	61.7
-87.5°	34.7	34.7	34.7	34.7	34.7	34.7	34.7	30.8	30.8	30.8	27.0
-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°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	7.7	7.7	7.7
85°	7.7	7.7	7.7	7.7	11.6	11.6	11.6	15.4	15.4	15.4	15.4
82.5°	7.7	11.6	11.6	11.6	15.4	15.4	19.3	23.1	30.8	34.7	34.7
80°	7.7	11.6	11.6	11.6	15.4	15.4	19.3	19.3	23.1	27.0	34.7
77.5°	7.7	7.7	11.6	11.6	11.6	15.4	15.4	19.3	19.3	23.1	27.0
75°	3.9	7.7	7.7	7.7	11.6	11.6	15.4	15.4	19.3	19.3	23.1
72.5°	3.9	7.7	7.7	7.7	11.6	11.6	15.4	15.4	15.4	19.3	19.3
70°	3.9	7.7	7.7	7.7	7.7	11.6	11.6	11.6	15.4	15.4	15.4
67.5°	3.9	3.9	3.9	7.7	7.7	7.7	7.7	11.6	11.6	11.6	15.4
65°	3.9	3.9	3.9	3.9	7.7	7.7	7.7	7.7	11.6	11.6	11.6
62.5°	3.9	3.9	3.9	7.7	7.7	7.7	7.7	7.7	11.6	11.6	11.6
60°	15.4	15.4	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
57.5°	34.7	34.7	30.8	27.0	23.1	23.1	19.3	15.4	15.4	11.6	11.6
55°	57.8	54.0	50.1	42.4	38.5	34.7	30.8	23.1	19.3	15.4	11.6
52.5°	73.2	69.4	65.5	61.7	54.0	46.2	42.4	38.5	30.8	23.1	19.3
50°	107.9	96.3	88.6	80.9	73.2	65.5	57.8	54.0	42.4	34.7	27.0
47.5°	131.0	123.3	111.8	104.1	96.3	84.8	73.2	65.5	57.8	46.2	34.7
45°	150.3	142.6	131.0	123.3	115.6	104.1	92.5	80.9	73.2	61.7	46.2
42.5°	169.6	161.9	150.3	142.6	131.0	119.5	107.9	96.3	84.8	77.1	61.7
40°	196.6	185.0	169.6	161.9	154.2	138.7	123.3	111.8	100.2	88.6	73.2
37.5°	231.2	219.7	200.4	185.0	173.4	161.9	146.5	131.0	119.5	104.1	88.6
35°	285.2	265.9	238.9	215.8	200.4	185.0	165.7	150.3	134.9	119.5	104.1
32.5°	339.1	308.3	273.6	246.7	223.5	204.3	185.0	169.6	150.3	131.0	115.6
30°	381.5	346.9	312.2	273.6	246.7	223.5	204.3	185.0	165.7	146.5	127.2
27.5°	423.9	385.4	346.9	308.3	269.8	238.9	219.7	200.4	181.1	161.9	138.7
25°	466.3	423.9	385.4	343.0	296.8	262.1	235.1	219.7	200.4	177.3	150.3
22.5°	504.9	466.3	427.8	381.5	327.6	281.3	254.4	235.1	215.8	188.8	165.7
20°	578.1	528.0	481.7	423.9	362.3	316.0	281.3	254.4	231.2	204.3	177.3
17.5°	674.4	601.2	539.6	474.0	412.4	354.6	304.5	273.6	250.5	219.7	188.8
15°	797.8	670.6	593.5	528.0	454.8	389.2	335.3	292.9	262.1	231.2	204.3
12.5°	890.3	724.5	639.8	578.1	501.0	427.8	358.4	308.3	273.6	242.8	212.0
10°	994.3	782.4	678.3	608.9	528.0	447.1	373.8	319.9	281.3	254.4	223.5
7.5°	1079.1	828.6	697.6	620.5	543.4	462.5	389.2	331.4	292.9	262.1	231.2
5°	1156.2	867.1	713.0	624.3	551.1	474.0	397.0	339.1	300.6	269.8	238.9
2.5°	1210.1	901.8	728.4	632.0	558.8	481.7	408.5	346.9	308.3	277.5	246.7
0°	1256.4	913.4	724.5	632.0	562.7	481.7	412.4	350.7	312.2	281.3	250.5
-2.5°	1271.8	932.7	743.8	639.8	570.4	489.5	420.1	354.6	316.0	285.2	258.2
-5°	1271.8	917.2	743.8	647.5	574.2	493.3	420.1	358.4	319.9	289.0	258.2
-7.5°	1225.6	894.1	740.0	655.2	578.1	497.2	420.1	362.3	323.7	292.9	262.1
-10°	1144.6	859.4	736.1	659.0	578.1	493.3	420.1	362.3	323.7	292.9	265.9
-12.5°	1013.6	813.2	716.8	651.3	570.4	485.6	416.2	362.3	323.7	296.8	265.9
-15°	948.1	774.6	693.7	628.2	551.1	474.0	408.5	358.4	323.7	296.8	269.8
-17.5°	859.4	743.8	670.6	605.1	535.7	462.5	400.8	358.4	323.7	292.9	269.8
-20°	797.8	709.1	643.6	585.8	516.4	450.9	397.0	354.6	323.7	292.9	269.8



REPORT NUMBER: P724028
 CATALOG NUMBER: IFLD-M-SA4D-722-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°	743.8	670.6	612.8	555.0	493.3	435.5	389.2	350.7	319.9	292.9	269.8
-25°	701.4	635.9	581.9	528.0	474.0	423.9	381.5	346.9	316.0	292.9	265.9
-27.5°	662.9	601.2	551.1	501.0	450.9	412.4	373.8	343.0	316.0	289.0	262.1
-30°	620.5	570.4	520.3	474.0	439.4	400.8	366.1	335.3	312.2	285.2	258.2
-32.5°	578.1	531.8	489.5	454.8	423.9	393.1	362.3	331.4	304.5	277.5	250.5
-35°	539.6	497.2	466.3	435.5	412.4	385.4	354.6	323.7	300.6	273.6	250.5
-37.5°	501.0	470.2	443.2	420.1	397.0	373.8	343.0	316.0	292.9	265.9	238.9
-40°	470.2	447.1	427.8	408.5	385.4	358.4	335.3	308.3	285.2	258.2	227.4
-42.5°	450.9	431.6	412.4	393.1	373.8	350.7	327.6	300.6	277.5	250.5	219.7
-45°	431.6	416.2	400.8	385.4	366.1	343.0	316.0	289.0	265.9	238.9	215.8
-47.5°	420.1	404.7	389.2	377.7	362.3	331.4	308.3	281.3	254.4	231.2	204.3
-50°	408.5	393.1	381.5	366.1	346.9	319.9	296.8	269.8	246.7	219.7	196.6
-52.5°	397.0	381.5	366.1	350.7	331.4	308.3	285.2	262.1	235.1	208.1	185.0
-55°	385.4	370.0	354.6	339.1	319.9	300.6	277.5	246.7	219.7	192.7	169.6
-57.5°	373.8	362.3	343.0	323.7	304.5	285.2	258.2	231.2	204.3	177.3	158.0
-60°	358.4	343.0	327.6	304.5	285.2	262.1	238.9	215.8	188.8	165.7	146.5
-62.5°	335.3	319.9	304.5	281.3	262.1	242.8	223.5	196.6	177.3	154.2	134.9
-65°	308.3	292.9	277.5	258.2	238.9	219.7	204.3	181.1	161.9	142.6	127.2
-67.5°	277.5	262.1	250.5	231.2	215.8	196.6	181.1	161.9	142.6	127.2	111.8
-70°	238.9	227.4	215.8	200.4	185.0	169.6	154.2	138.7	123.3	111.8	96.3
-72.5°	204.3	192.7	181.1	169.6	158.0	142.6	131.0	119.5	107.9	96.3	88.6
-75°	165.7	158.0	150.3	142.6	131.0	119.5	111.8	100.2	92.5	84.8	80.9
-77.5°	138.7	131.0	123.3	115.6	107.9	100.2	92.5	84.8	80.9	77.1	73.2
-80°	111.8	107.9	104.1	96.3	92.5	84.8	80.9	73.2	73.2	73.2	73.2
-82.5°	88.6	84.8	80.9	77.1	73.2	69.4	69.4	65.5	69.4	69.4	65.5
-85°	61.7	57.8	54.0	54.0	50.1	50.1	46.2	46.2	46.2	42.4	42.4
-87.5°	27.0	27.0	27.0	27.0	23.1	23.1	23.1	23.1	23.1	19.3	19.3
-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: P724028
 CATALOG NUMBER: IFLD-M-SA4D-722-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°	7.7	7.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	0.0	0.0
85°	15.4	15.4	11.6	11.6	11.6	7.7	7.7	3.9	3.9	3.9	3.9
82.5°	34.7	30.8	27.0	23.1	19.3	15.4	11.6	7.7	7.7	3.9	3.9
80°	42.4	42.4	42.4	38.5	30.8	23.1	15.4	11.6	7.7	3.9	3.9
77.5°	30.8	30.8	34.7	38.5	38.5	30.8	19.3	11.6	7.7	7.7	3.9
75°	23.1	23.1	23.1	27.0	30.8	30.8	23.1	15.4	7.7	7.7	3.9
72.5°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	15.4	11.6	7.7	7.7
70°	19.3	19.3	19.3	19.3	19.3	19.3	19.3	15.4	11.6	7.7	7.7
67.5°	15.4	15.4	19.3	19.3	19.3	15.4	15.4	15.4	11.6	7.7	7.7
65°	11.6	15.4	15.4	19.3	15.4	15.4	15.4	11.6	11.6	7.7	7.7
62.5°	11.6	11.6	15.4	15.4	15.4	15.4	11.6	11.6	11.6	7.7	7.7
60°	11.6	11.6	11.6	15.4	11.6	11.6	11.6	11.6	11.6	7.7	7.7
57.5°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	7.7	7.7	7.7	7.7
55°	11.6	11.6	11.6	11.6	11.6	11.6	7.7	7.7	7.7	7.7	7.7
52.5°	15.4	11.6	11.6	11.6	11.6	11.6	7.7	7.7	7.7	7.7	7.7
50°	19.3	11.6	11.6	11.6	11.6	7.7	7.7	7.7	7.7	7.7	7.7
47.5°	27.0	19.3	15.4	11.6	11.6	7.7	7.7	7.7	7.7	7.7	3.9
45°	38.5	27.0	19.3	15.4	11.6	7.7	7.7	7.7	7.7	7.7	3.9
42.5°	46.2	34.7	23.1	19.3	15.4	11.6	7.7	7.7	7.7	3.9	3.9
40°	57.8	46.2	30.8	23.1	15.4	11.6	7.7	7.7	7.7	3.9	3.9
37.5°	73.2	57.8	38.5	27.0	19.3	11.6	11.6	7.7	7.7	3.9	3.9
35°	84.8	65.5	50.1	30.8	23.1	15.4	11.6	7.7	7.7	3.9	3.9
32.5°	96.3	77.1	61.7	38.5	27.0	19.3	15.4	7.7	7.7	3.9	3.9
30°	107.9	88.6	69.4	50.1	34.7	23.1	15.4	7.7	7.7	3.9	3.9
27.5°	119.5	96.3	77.1	57.8	38.5	27.0	19.3	11.6	7.7	3.9	3.9
25°	131.0	107.9	84.8	65.5	42.4	30.8	19.3	11.6	7.7	7.7	3.9
22.5°	138.7	119.5	96.3	73.2	50.1	34.7	23.1	15.4	7.7	7.7	3.9
20°	150.3	131.0	104.1	80.9	57.8	38.5	23.1	15.4	7.7	7.7	3.9
17.5°	161.9	138.7	111.8	88.6	65.5	42.4	27.0	19.3	7.7	7.7	3.9
15°	173.4	146.5	119.5	92.5	69.4	46.2	27.0	19.3	7.7	7.7	3.9
12.5°	185.0	158.0	127.2	100.2	73.2	50.1	30.8	23.1	11.6	7.7	3.9
10°	192.7	165.7	134.9	104.1	77.1	57.8	34.7	23.1	11.6	7.7	3.9
7.5°	204.3	173.4	142.6	111.8	80.9	61.7	38.5	23.1	11.6	7.7	3.9
5°	208.1	181.1	146.5	119.5	84.8	65.5	42.4	27.0	11.6	7.7	3.9
2.5°	212.0	188.8	150.3	123.3	88.6	65.5	42.4	27.0	15.4	7.7	3.9
0°	215.8	192.7	154.2	127.2	92.5	69.4	46.2	27.0	15.4	7.7	3.9
-2.5°	219.7	196.6	161.9	131.0	96.3	73.2	50.1	27.0	15.4	7.7	3.9
-5°	223.5	196.6	169.6	134.9	100.2	73.2	50.1	30.8	19.3	7.7	3.9
-7.5°	227.4	200.4	173.4	138.7	104.1	73.2	54.0	30.8	19.3	11.6	3.9
-10°	231.2	204.3	177.3	142.6	104.1	77.1	54.0	30.8	19.3	11.6	3.9
-12.5°	235.1	208.1	177.3	142.6	107.9	77.1	54.0	34.7	19.3	11.6	3.9
-15°	238.9	208.1	177.3	142.6	107.9	80.9	57.8	34.7	19.3	11.6	7.7
-17.5°	238.9	208.1	177.3	146.5	107.9	80.9	57.8	34.7	19.3	11.6	7.7
-20°	238.9	208.1	177.3	146.5	107.9	80.9	57.8	34.7	19.3	11.6	7.7



REPORT NUMBER: P724028
 CATALOG NUMBER: IFLD-M-SA4D-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	235.1	204.3	177.3	142.6	107.9	80.9	57.8	34.7	23.1	11.6	7.7
-25°	235.1	204.3	177.3	142.6	107.9	80.9	54.0	34.7	23.1	11.6	7.7
-27.5°	231.2	204.3	173.4	138.7	104.1	77.1	54.0	34.7	23.1	11.6	7.7
-30°	227.4	200.4	169.6	134.9	104.1	77.1	54.0	34.7	23.1	11.6	7.7
-32.5°	223.5	192.7	165.7	131.0	100.2	73.2	54.0	34.7	23.1	11.6	7.7
-35°	215.8	188.8	158.0	127.2	96.3	73.2	50.1	34.7	23.1	15.4	7.7
-37.5°	208.1	181.1	154.2	123.3	92.5	69.4	50.1	34.7	23.1	15.4	7.7
-40°	200.4	177.3	146.5	115.6	88.6	65.5	50.1	34.7	23.1	15.4	11.6
-42.5°	192.7	169.6	142.6	111.8	88.6	65.5	46.2	34.7	23.1	15.4	11.6
-45°	188.8	165.7	134.9	107.9	84.8	65.5	46.2	30.8	23.1	15.4	11.6
-47.5°	181.1	154.2	127.2	104.1	80.9	61.7	42.4	30.8	23.1	15.4	11.6
-50°	169.6	146.5	123.3	100.2	77.1	57.8	42.4	30.8	23.1	15.4	11.6
-52.5°	158.0	134.9	115.6	92.5	73.2	57.8	42.4	30.8	23.1	15.4	11.6
-55°	146.5	127.2	107.9	88.6	69.4	54.0	38.5	30.8	23.1	15.4	11.6
-57.5°	138.7	119.5	100.2	80.9	65.5	50.1	38.5	27.0	19.3	15.4	11.6
-60°	131.0	111.8	92.5	77.1	61.7	50.1	38.5	27.0	19.3	15.4	7.7
-62.5°	119.5	104.1	84.8	73.2	57.8	46.2	34.7	27.0	19.3	15.4	7.7
-65°	107.9	92.5	77.1	65.5	54.0	42.4	34.7	27.0	19.3	15.4	7.7
-67.5°	96.3	84.8	73.2	61.7	50.1	42.4	34.7	27.0	19.3	11.6	7.7
-70°	88.6	77.1	65.5	57.8	50.1	38.5	34.7	27.0	19.3	11.6	7.7
-72.5°	77.1	69.4	61.7	54.0	46.2	42.4	34.7	27.0	15.4	11.6	7.7
-75°	73.2	65.5	57.8	54.0	50.1	42.4	34.7	23.1	15.4	11.6	7.7
-77.5°	73.2	65.5	61.7	57.8	50.1	42.4	30.8	19.3	11.6	11.6	7.7
-80°	73.2	69.4	65.5	54.0	46.2	34.7	23.1	19.3	11.6	7.7	3.9
-82.5°	65.5	54.0	46.2	38.5	34.7	27.0	19.3	15.4	7.7	7.7	3.9
-85°	42.4	34.7	30.8	27.0	23.1	19.3	11.6	7.7	7.7	3.9	3.9
-87.5°	19.3	19.3	15.4	11.6	11.6	7.7	7.7	3.9	3.9	3.9	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: P724028
 CATALOG NUMBER: IFLD-M-SA4D-722-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°	3.9	0.0	0.0	0.0
77.5°	3.9	0.0	0.0	0.0
75°	3.9	3.9	0.0	0.0
72.5°	3.9	3.9	0.0	0.0
70°	3.9	3.9	0.0	0.0
67.5°	3.9	3.9	0.0	0.0
65°	3.9	3.9	0.0	0.0
62.5°	3.9	3.9	0.0	0.0
60°	3.9	3.9	0.0	0.0
57.5°	3.9	3.9	3.9	0.0
55°	3.9	3.9	3.9	0.0
52.5°	3.9	3.9	3.9	0.0
50°	3.9	3.9	3.9	0.0
47.5°	3.9	3.9	3.9	0.0
45°	3.9	3.9	3.9	0.0
42.5°	3.9	3.9	3.9	0.0
40°	3.9	3.9	3.9	0.0
37.5°	3.9	3.9	3.9	0.0
35°	3.9	3.9	3.9	0.0
32.5°	3.9	3.9	3.9	0.0
30°	3.9	3.9	3.9	0.0
27.5°	3.9	3.9	3.9	0.0
25°	3.9	3.9	3.9	0.0
22.5°	3.9	3.9	3.9	0.0
20°	3.9	3.9	3.9	0.0
17.5°	3.9	3.9	3.9	0.0
15°	3.9	3.9	3.9	0.0
12.5°	3.9	3.9	3.9	0.0
10°	3.9	3.9	3.9	0.0
7.5°	3.9	3.9	3.9	0.0
5°	3.9	3.9	3.9	0.0
2.5°	3.9	3.9	3.9	0.0
0°	3.9	3.9	3.9	0.0
-2.5°	3.9	3.9	3.9	0.0
-5°	3.9	3.9	3.9	0.0
-7.5°	3.9	3.9	3.9	0.0
-10°	3.9	3.9	3.9	0.0
-12.5°	3.9	3.9	3.9	0.0
-15°	3.9	3.9	3.9	0.0
-17.5°	3.9	3.9	3.9	0.0
-20°	3.9	3.9	3.9	0.0



REPORT NUMBER: P724028
CATALOG NUMBER: IFLD-M-SA4D-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.9	3.9	3.9	0.0
-25°	3.9	3.9	3.9	0.0
-27.5°	3.9	3.9	3.9	0.0
-30°	3.9	3.9	3.9	0.0
-32.5°	3.9	3.9	3.9	0.0
-35°	3.9	3.9	3.9	0.0
-37.5°	3.9	3.9	3.9	0.0
-40°	3.9	3.9	3.9	0.0
-42.5°	3.9	3.9	3.9	0.0
-45°	3.9	3.9	3.9	0.0
-47.5°	3.9	3.9	3.9	0.0
-50°	3.9	3.9	3.9	0.0
-52.5°	3.9	3.9	3.9	0.0
-55°	3.9	3.9	3.9	0.0
-57.5°	3.9	3.9	3.9	0.0
-60°	3.9	3.9	0.0	0.0
-62.5°	3.9	3.9	0.0	0.0
-65°	3.9	3.9	0.0	0.0
-67.5°	3.9	3.9	0.0	0.0
-70°	3.9	3.9	0.0	0.0
-72.5°	3.9	3.9	0.0	0.0
-75°	3.9	3.9	0.0	0.0
-77.5°	3.9	0.0	0.0	0.0
-80°	3.9	0.0	0.0	0.0
-82.5°	3.9	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)