

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: P723677

Luminaire Tested: **IFLD-M-SA4A-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723677
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-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	8902.4 lumens	Max Intensity:	209442.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	69.2 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	3228.4 lumens	Field Lumens:	5146.7 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

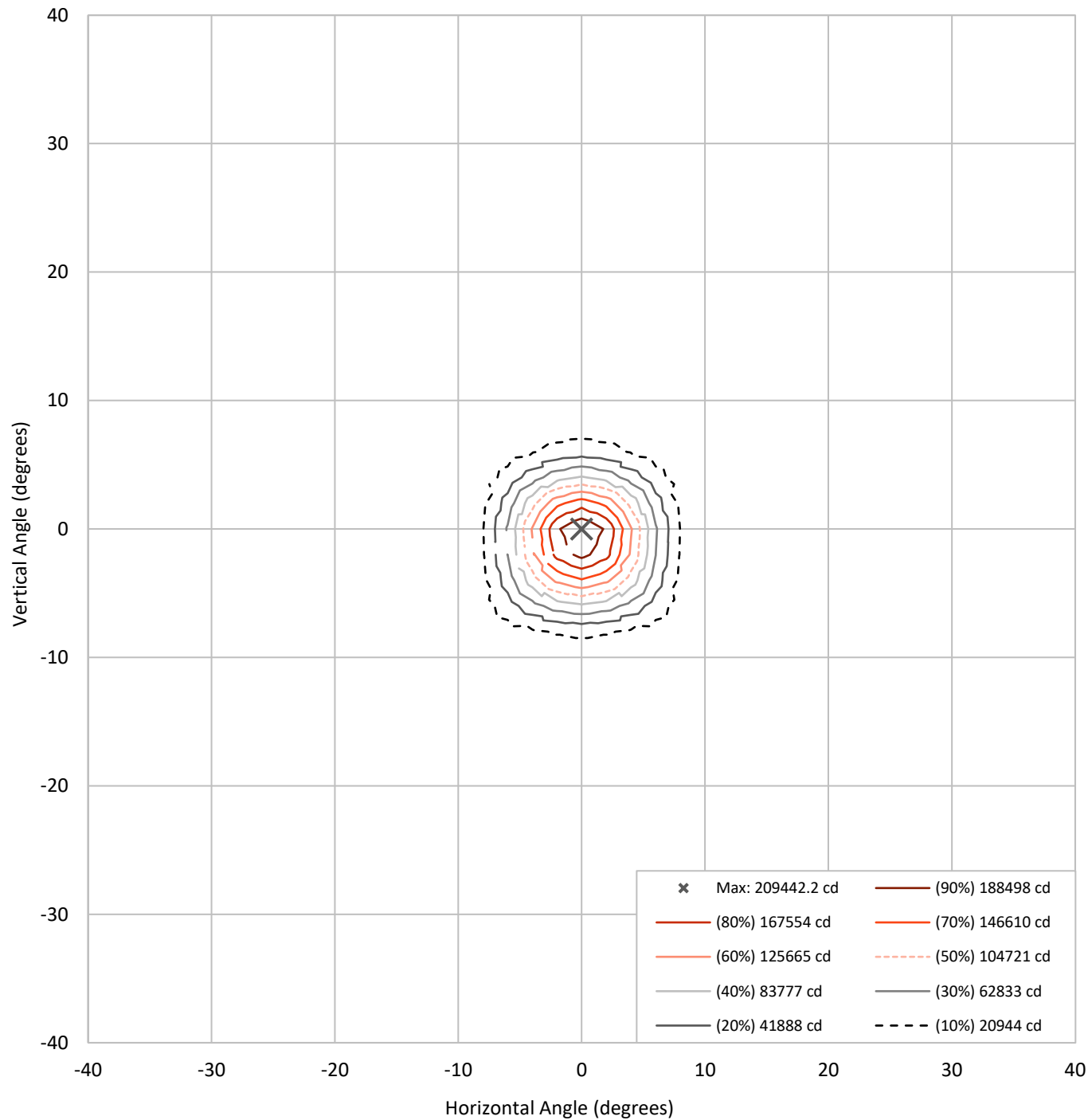
Input Watts (W): 128.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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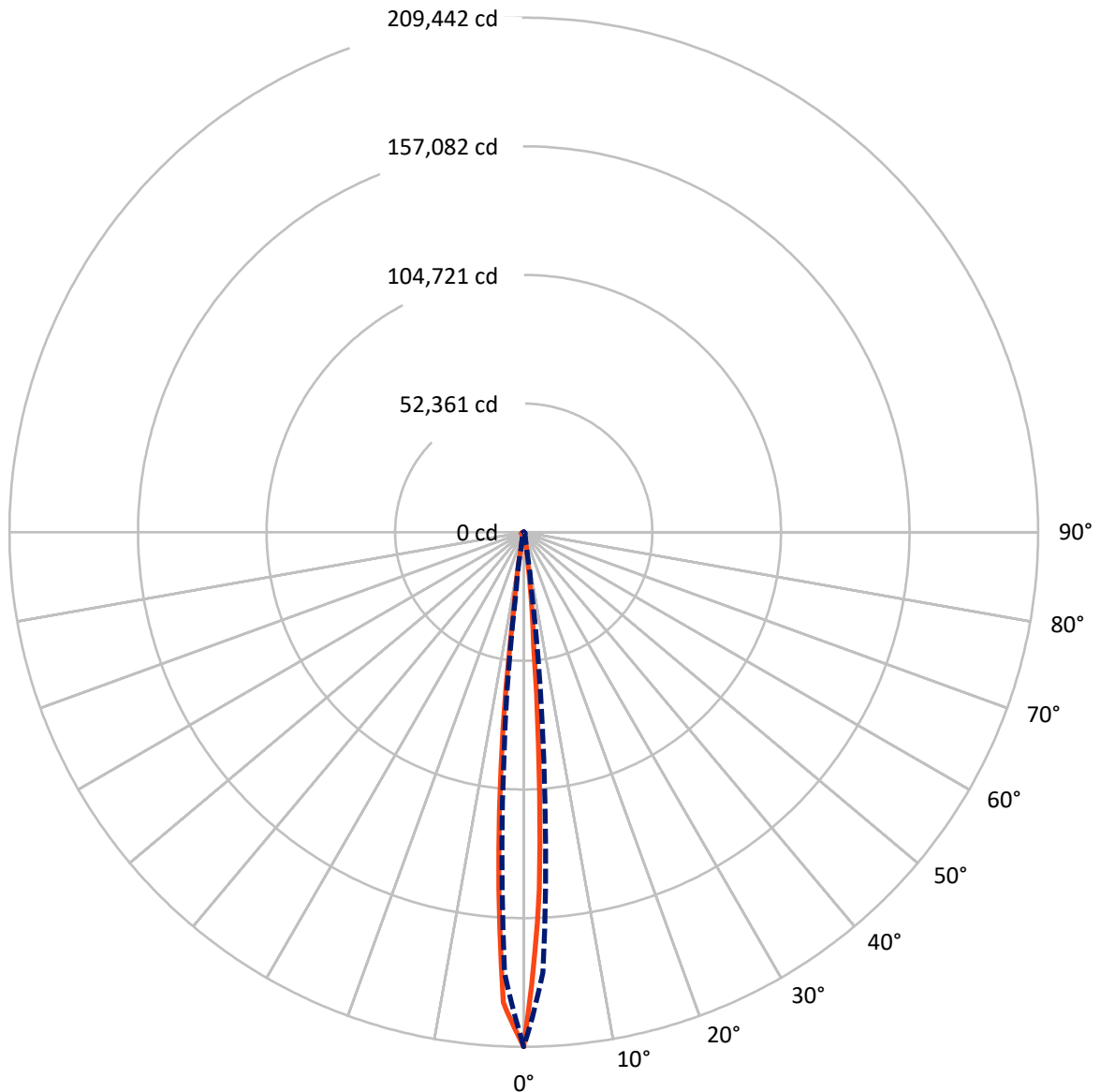
Lumen Table

Vertical Angle (degrees)																
	0.1	2.0		2.2		0.8		0.2		0.8		2.2		2.0		0.1
90																
80	0.1	2.0		2.2		0.8		0.2		0.8		2.2		2.0		0.1
70																
60	0.2	0.4	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.2	0.3	0.4	0.4	0.6	0.4	0.2
50		0.3	0.4	1.0	2.3	3.7	4.8	5.5	5.5	4.8	3.7	2.3	1.0	0.4	0.3	
40	0.2	0.3	1.2	4.1	8.0	11.7	14.1	15.6	15.6	14.1	11.7	8.0	4.1	1.2	0.3	0.2
30		0.6	3.1	8.3	13.5	15.9	17.2	17.8	17.8	17.2	15.9	13.5	8.3	3.1	0.6	
20	0.4	1.2	5.3	12.1	15.7	16.2	19.1	23.0	23.0	19.1	16.2	15.7	12.1	5.3	1.2	0.4
10		1.8	7.4	14.9	16.7	18.9	33.2	56.5	56.5	33.2	18.9	16.7	14.9	7.4	1.8	
0	0.6	2.3	9.1	16.4	17.3	23.3	63.1	1168.7	1168.7	63.1	23.3	17.3	16.4	9.1	2.3	0.6
-10		2.7	9.9	17.2	18.0	24.1	67.9	1704.0	1704.0	67.9	24.1	18.0	17.2	9.9	2.7	
-20	0.9	2.9	10.2	18.1	19.5	21.7	39.5	75.8	75.8	39.5	21.7	19.5	18.1	10.2	2.9	0.9
-30		2.8	9.7	18.3	21.8	21.9	25.6	31.2	31.2	25.6	21.9	21.8	18.3	9.7	2.8	
-40	0.9	2.5	8.6	17.5	24.0	26.2	27.3	27.5	27.5	27.3	26.2	24.0	17.5	8.6	2.5	0.9
-50		2.2	6.9	14.9	23.2	28.2	31.6	33.1	33.1	31.6	28.2	23.2	14.9	6.9	2.2	
-60	0.7	2.0	5.3	11.5	19.8	26.5	30.8	32.6	32.6	30.8	26.5	19.8	11.5	5.3	2.0	0.7
-70		1.8	4.7	9.4	16.5	23.2	28.1	30.3	30.3	28.1	23.2	16.5	9.4	4.7	1.8	
-80	0.3	5.5		16.4		30.4		33.5		30.4		16.4		5.5		0.3
-90																
Horizontal Angle (degrees)																
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	90

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Luminous Intensity Polar Plot

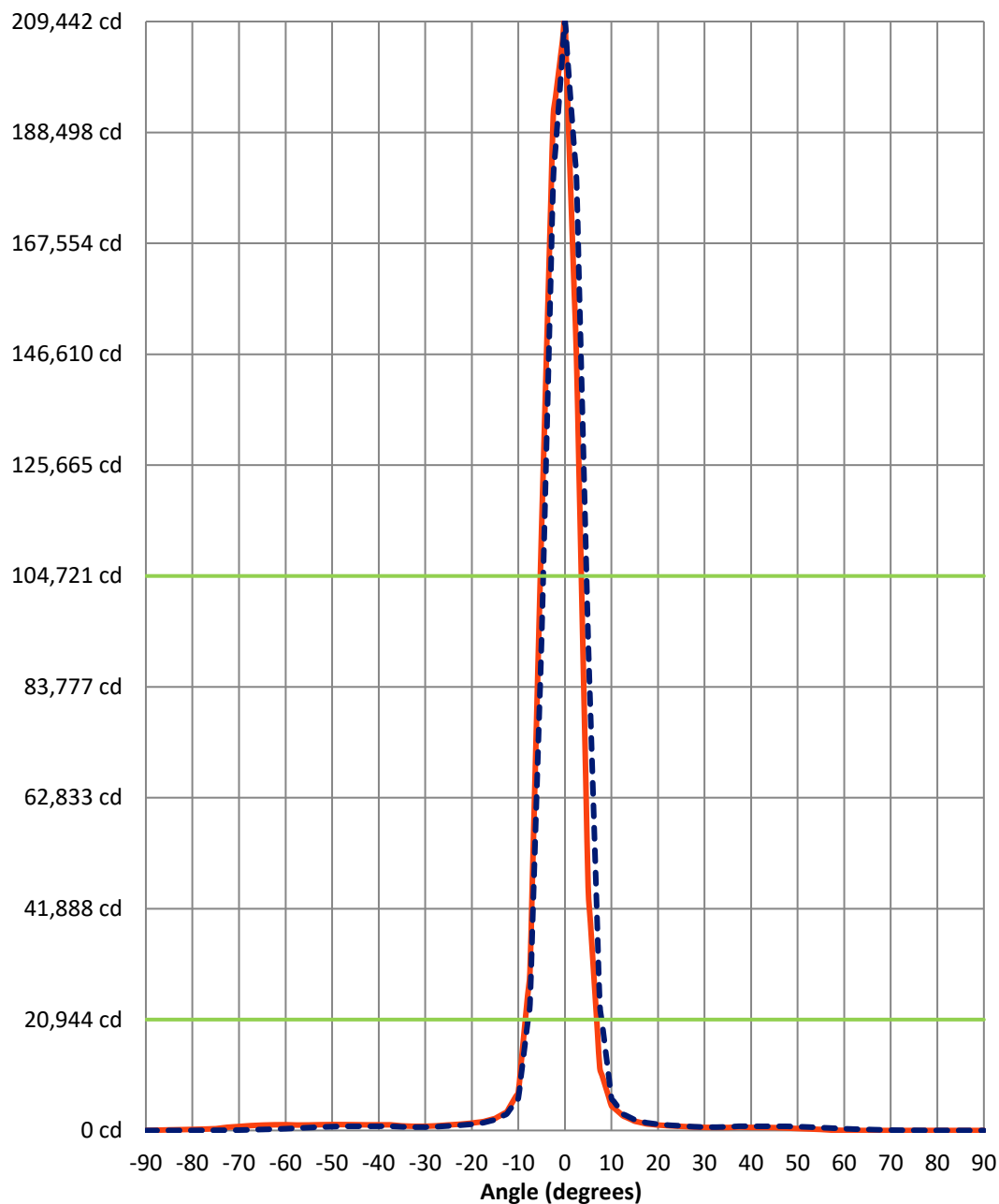


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



— 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	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	0.0	2.1	2.1	4.1	4.1	4.1	6.2	8.2	10.3	10.3	12.3
82.5°	0.0	2.1	2.1	4.1	4.1	6.2	6.2	10.3	12.3	14.4	18.5
80°	2.1	2.1	2.1	4.1	4.1	6.2	6.2	8.2	10.3	14.4	16.4
77.5°	0.0	2.1	2.1	2.1	4.1	4.1	4.1	6.2	8.2	10.3	12.3
75°	0.0	2.1	2.1	2.1	4.1	4.1	4.1	4.1	6.2	6.2	8.2
72.5°	0.0	0.0	0.0	2.1	2.1	4.1	4.1	4.1	6.2	6.2	6.2
70°	0.0	0.0	0.0	2.1	2.1	4.1	4.1	4.1	6.2	6.2	6.2
67.5°	0.0	0.0	0.0	2.1	2.1	4.1	4.1	4.1	6.2	6.2	6.2
65°	0.0	0.0	0.0	2.1	2.1	4.1	4.1	6.2	6.2	6.2	6.2
62.5°	2.1	2.1	2.1	4.1	6.2	6.2	8.2	10.3	10.3	10.3	10.3
60°	20.6	22.6	24.7	24.7	22.6	22.6	24.7	24.7	24.7	24.7	24.7
57.5°	55.5	59.6	61.7	61.7	61.7	59.6	67.8	69.9	61.7	57.5	63.7
55°	193.2	199.3	195.2	189.1	176.7	162.4	158.2	156.2	158.2	148.0	131.5
52.5°	281.5	287.7	285.7	281.5	273.3	263.1	254.8	246.6	238.4	221.9	203.5
50°	365.8	367.9	365.8	361.7	353.5	343.2	326.8	308.3	291.8	287.7	271.3
47.5°	460.3	466.5	466.5	464.4	458.3	439.8	415.1	388.4	376.1	372.0	355.5
45°	544.6	548.7	550.8	552.8	550.8	532.3	509.7	495.3	468.6	460.3	460.3
42.5°	567.2	569.3	571.3	573.4	579.5	565.1	546.7	522.0	515.8	513.8	509.7
40°	575.4	571.3	573.4	575.4	577.5	567.2	552.8	538.4	534.3	530.2	530.2
37.5°	653.5	635.0	620.6	608.3	598.0	587.8	573.4	561.0	550.8	542.5	550.8
35°	556.9	556.9	571.3	583.6	596.0	608.3	610.4	596.0	573.4	563.1	577.5
32.5°	569.3	569.3	569.3	573.4	577.5	587.8	598.0	604.2	620.6	602.1	602.1
30°	581.6	583.6	587.8	589.8	583.6	579.5	575.4	575.4	585.7	612.4	626.8
27.5°	653.5	653.5	647.4	639.1	620.6	591.9	577.5	556.9	559.0	571.3	606.3
25°	770.7	766.5	752.2	731.6	698.7	657.6	618.6	575.4	556.9	550.8	565.1
22.5°	881.6	875.5	857.0	838.5	811.8	770.7	704.9	639.1	581.6	556.9	550.8
20°	1023.4	1009.0	988.5	959.7	916.6	875.5	817.9	731.6	647.4	583.6	559.0
17.5°	1251.5	1233.1	1194.0	1142.6	1068.6	1004.9	922.7	840.5	746.0	643.2	587.8
15°	1750.9	1703.7	1635.9	1494.0	1348.1	1226.9	1103.6	965.9	869.3	733.7	649.4
12.5°	2753.8	2624.3	2427.1	2096.2	1769.4	1487.9	1288.5	1111.8	955.6	830.3	711.1
10°	4660.9	4383.5	3838.9	2934.7	2332.5	1814.6	1457.1	1220.7	1023.4	894.0	762.4
7.5°	11788.0	9615.8	6804.4	4646.6	3051.8	2217.4	1666.7	1323.5	1095.4	935.1	803.5
5°	45943.5	37846.5	20189.2	8425.9	4591.1	2681.9	1855.7	1405.7	1142.6	965.9	834.4
2.5°	145810.6	125917.3	66062.9	18138.2	5637.1	3021.0	1985.2	1457.1	1169.3	988.5	857.0
0°	209442.2	179499.6	92715.3	23855.5	6113.9	3107.3	2026.3	1467.3	1173.5	992.6	857.0
-2.5°	191604.1	167691.1	89562.8	22199.1	6247.5	3132.0	2059.2	1502.3	1204.3	1011.1	863.1
-5°	113849.8	99862.9	62476.7	15828.3	5550.8	2907.9	1972.9	1471.4	1183.7	1000.8	859.0
-7.5°	29996.1	25968.1	17081.9	8259.4	3592.3	2459.9	1812.6	1420.1	1157.0	982.3	842.6
-10°	7231.9	6853.7	6122.1	3752.6	2797.0	2055.1	1607.1	1327.6	1103.6	957.7	815.9
-12.5°	3487.5	3405.3	3090.9	2548.3	2075.6	1707.8	1455.0	1231.0	1054.3	914.5	778.9
-15°	2268.8	2221.6	2114.7	1907.1	1666.7	1489.9	1313.2	1132.4	992.6	850.8	748.1
-17.5°	1679.0	1677.0	1623.5	1545.4	1426.2	1294.7	1165.2	1050.2	914.5	793.3	715.2
-20°	1391.3	1391.3	1360.5	1309.1	1224.8	1138.5	1052.2	945.3	834.4	743.9	711.1

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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°	1181.7	1183.7	1167.3	1134.4	1089.2	1017.3	933.0	846.7	766.5	733.7	723.4
-25°	1046.0	1041.9	1023.4	992.6	945.3	887.8	832.3	774.8	752.2	743.9	758.3
-27.5°	885.7	891.9	883.7	869.3	838.5	797.4	785.0	768.6	772.7	785.0	840.5
-30°	791.2	797.4	805.6	811.8	801.5	791.2	795.3	807.6	834.4	881.6	902.2
-32.5°	791.2	793.3	805.6	817.9	824.1	832.3	854.9	896.0	935.1	922.7	918.6
-35°	863.1	857.0	873.4	889.9	912.5	941.2	965.9	957.7	943.3	939.2	943.3
-37.5°	1068.6	1029.6	1013.2	1002.9	996.7	992.6	986.4	980.3	974.1	970.0	976.2
-40°	1066.6	1056.3	1046.0	1037.8	1031.7	1023.4	1019.3	1017.3	1011.1	1007.0	1002.9
-42.5°	1062.5	1066.6	1066.6	1064.5	1066.6	1064.5	1058.4	1050.2	1039.9	1031.7	1023.4
-45°	1093.3	1095.4	1099.5	1103.6	1109.7	1101.5	1089.2	1074.8	1060.4	1048.1	1037.8
-47.5°	1111.8	1113.9	1118.0	1124.1	1128.2	1120.0	1103.6	1085.1	1062.5	1041.9	1021.4
-50°	1118.0	1124.1	1126.2	1126.2	1124.1	1113.9	1089.2	1062.5	1037.8	1017.3	998.8
-52.5°	1089.2	1095.4	1097.4	1093.3	1091.3	1081.0	1058.4	1033.7	1007.0	992.6	976.2
-55°	1041.9	1050.2	1056.3	1056.3	1056.3	1054.3	1033.7	1011.1	990.6	974.1	957.7
-57.5°	1023.4	1037.8	1050.2	1052.2	1054.3	1056.3	1041.9	1019.3	994.7	970.0	949.5
-60°	1091.3	1103.6	1109.7	1101.5	1095.4	1089.2	1066.6	1039.9	1015.2	990.6	951.5
-62.5°	1072.8	1093.3	1103.6	1097.4	1089.2	1078.9	1054.3	1023.4	994.7	967.9	928.9
-65°	1013.2	1031.7	1044.0	1033.7	1021.4	1007.0	984.4	955.6	928.9	902.2	867.2
-67.5°	912.5	939.2	959.7	937.1	920.7	902.2	883.7	859.0	832.3	801.5	768.6
-70°	754.2	774.8	793.3	787.1	783.0	778.9	766.5	741.9	719.3	694.6	665.8
-72.5°	606.3	624.7	641.2	630.9	622.7	610.4	591.9	565.1	538.4	511.7	485.0
-75°	335.0	341.1	347.3	345.3	345.3	345.3	345.3	347.3	343.2	337.0	324.7
-77.5°	256.9	265.1	271.3	275.4	281.5	289.8	295.9	285.7	275.4	265.1	252.8
-80°	201.4	209.6	215.8	238.4	254.8	273.3	285.7	271.3	256.9	244.6	234.3
-82.5°	152.1	158.2	164.4	176.7	185.0	195.2	203.5	203.5	201.4	199.3	193.2
-85°	111.0	119.2	127.4	131.5	137.7	137.7	139.7	131.5	123.3	117.1	108.9
-87.5°	63.7	65.8	65.8	65.8	67.8	67.8	67.8	63.7	61.7	57.5	55.5
-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°	2.1	2.1	2.1	4.1	4.1	6.2	6.2	8.2	8.2	10.3	10.3
85°	12.3	12.3	12.3	14.4	14.4	16.4	18.5	20.6	22.6	22.6	24.7
82.5°	20.6	22.6	24.7	26.7	28.8	30.8	32.9	34.9	41.1	45.2	47.3
80°	20.6	22.6	28.8	32.9	37.0	41.1	41.1	41.1	41.1	43.2	47.3
77.5°	14.4	16.4	18.5	22.6	32.9	41.1	47.3	51.4	47.3	45.2	41.1
75°	8.2	10.3	12.3	14.4	20.6	28.8	39.0	49.3	57.5	55.5	51.4
72.5°	8.2	8.2	10.3	12.3	14.4	16.4	18.5	28.8	41.1	51.4	57.5
70°	8.2	10.3	10.3	12.3	14.4	16.4	18.5	22.6	28.8	41.1	53.4
67.5°	8.2	10.3	10.3	14.4	18.5	20.6	22.6	20.6	18.5	26.7	39.0
65°	8.2	8.2	10.3	12.3	14.4	16.4	22.6	22.6	20.6	20.6	20.6
62.5°	12.3	12.3	12.3	12.3	14.4	14.4	14.4	18.5	18.5	18.5	18.5
60°	24.7	22.6	22.6	22.6	22.6	18.5	18.5	18.5	16.4	18.5	16.4
57.5°	59.6	49.3	45.2	45.2	39.0	37.0	30.8	22.6	22.6	18.5	18.5
55°	121.3	115.1	96.6	80.1	71.9	63.7	49.3	41.1	30.8	24.7	22.6
52.5°	187.0	170.6	154.1	133.6	113.0	96.6	82.2	63.7	51.4	37.0	28.8
50°	244.6	230.2	211.7	189.1	162.4	141.8	121.3	96.6	76.0	57.5	41.1
47.5°	332.9	304.2	281.5	254.8	224.0	195.2	168.5	139.7	106.9	84.3	63.7
45°	427.5	386.4	355.5	330.9	289.8	250.7	219.9	189.1	150.0	111.0	86.3
42.5°	493.2	462.4	421.3	388.4	351.4	310.3	269.2	236.3	195.2	150.0	111.0
40°	528.2	507.6	474.7	446.0	406.9	361.7	318.5	285.7	242.5	193.2	139.7
37.5°	554.9	544.6	528.2	505.6	468.6	415.1	372.0	332.9	295.9	238.4	180.8
35°	585.7	583.6	573.4	563.1	532.3	480.9	429.5	384.3	339.1	285.7	221.9
32.5°	614.5	612.4	606.3	602.1	589.8	544.6	489.1	437.7	386.4	330.9	261.0
30°	628.9	624.7	624.7	628.9	616.5	587.8	546.7	491.2	433.6	367.9	302.1
27.5°	628.9	624.7	626.8	633.0	630.9	616.5	585.7	540.5	476.8	402.8	339.1
25°	602.1	622.7	622.7	630.9	633.0	628.9	612.4	583.6	517.9	439.8	367.9
22.5°	565.1	614.5	633.0	630.9	633.0	643.2	645.3	618.6	556.9	476.8	396.6
20°	565.1	600.1	653.5	639.1	643.2	665.8	676.1	653.5	598.0	511.7	425.4
17.5°	577.5	600.1	645.3	667.9	674.1	692.6	709.0	694.6	635.0	548.7	464.4
15°	612.4	608.3	639.1	694.6	704.9	719.3	737.8	721.3	667.9	589.8	501.4
12.5°	637.1	614.5	639.1	698.7	731.6	746.0	752.2	739.8	696.7	626.8	538.4
10°	670.0	630.9	643.2	694.6	741.9	752.2	758.3	754.2	723.4	657.6	571.3
7.5°	694.6	639.1	639.1	688.5	752.2	760.4	764.5	768.6	746.0	684.3	600.1
5°	704.9	639.1	635.0	682.3	762.4	770.7	770.7	776.8	762.4	704.9	620.6
2.5°	707.0	637.1	630.9	678.2	780.9	780.9	776.8	783.0	774.8	717.2	635.0
0°	717.2	635.0	628.9	684.3	801.5	793.3	783.0	785.0	780.9	723.4	643.2
-2.5°	717.2	645.3	637.1	688.5	799.4	797.4	793.3	795.3	791.2	741.9	659.7
-5°	727.5	659.7	651.5	707.0	797.4	803.5	805.6	805.6	799.4	754.2	670.0
-7.5°	729.6	670.0	667.9	725.4	801.5	811.8	817.9	822.0	809.7	762.4	678.2
-10°	719.3	674.1	684.3	748.1	805.6	820.0	832.3	838.5	817.9	766.5	682.3
-12.5°	696.7	674.1	700.8	776.8	815.9	832.3	850.8	852.9	826.1	768.6	684.3
-15°	694.6	690.5	729.6	805.6	822.0	842.6	871.4	865.2	832.3	768.6	684.3
-17.5°	692.6	713.1	772.7	815.9	832.3	854.9	877.5	871.4	836.4	768.6	680.2
-20°	711.1	750.1	824.1	826.1	844.6	869.3	881.6	869.3	830.3	762.4	674.1

REPORT NUMBER: P723677

CATALOG NUMBER: IFLD-M-SA4A-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	741.9	815.9	840.5	848.8	865.2	883.7	889.9	871.4	824.1	752.2	663.8
-25°	820.0	857.0	857.0	875.5	891.9	900.1	894.0	873.4	815.9	741.9	653.5
-27.5°	879.6	877.5	887.8	906.3	920.7	920.7	904.2	863.1	803.5	731.6	639.1
-30°	902.2	904.2	918.6	939.2	943.3	933.0	908.3	854.9	793.3	715.2	620.6
-32.5°	924.8	933.0	951.5	961.8	963.8	943.3	898.1	840.5	776.8	696.7	600.1
-35°	951.5	967.9	978.2	980.3	970.0	935.1	883.7	822.0	752.2	670.0	581.6
-37.5°	986.4	994.7	1000.8	992.6	963.8	922.7	859.0	797.4	729.6	641.2	554.9
-40°	1009.0	1013.2	1015.2	988.5	953.6	894.0	832.3	768.6	690.5	608.3	526.1
-42.5°	1023.4	1019.3	1002.9	974.1	922.7	865.2	805.6	733.7	655.6	575.4	495.3
-45°	1019.3	1004.9	980.3	945.3	891.9	834.4	764.5	692.6	618.6	540.5	460.3
-47.5°	1002.9	980.3	949.5	908.3	859.0	789.2	719.3	649.4	577.5	501.4	427.5
-50°	982.3	955.6	918.6	867.2	801.5	737.8	674.1	606.3	532.3	462.4	396.6
-52.5°	959.7	931.0	883.7	826.1	754.2	688.5	626.8	561.0	493.2	427.5	369.9
-55°	935.1	906.3	852.9	787.1	715.2	643.2	583.6	528.2	462.4	398.7	347.3
-57.5°	922.7	885.7	830.3	764.5	688.5	614.5	563.1	503.5	443.9	378.1	328.8
-60°	912.5	875.5	824.1	748.1	676.1	606.3	546.7	489.1	425.4	363.8	314.4
-62.5°	883.7	844.6	797.4	723.4	653.5	589.8	536.4	468.6	406.9	349.4	304.2
-65°	826.1	785.0	743.9	678.2	614.5	554.9	501.4	439.8	382.2	332.9	293.9
-67.5°	735.7	700.8	663.8	608.3	554.9	501.4	452.1	398.7	351.4	316.5	295.9
-70°	635.0	598.0	561.0	515.8	470.6	427.5	388.4	349.4	318.5	300.0	283.6
-72.5°	462.4	446.0	427.5	392.5	355.5	328.8	310.3	293.9	271.3	254.8	244.6
-75°	308.3	285.7	256.9	244.6	246.6	242.5	232.2	219.9	209.6	203.5	189.1
-77.5°	240.4	228.1	213.7	199.3	193.2	187.0	178.8	168.5	160.3	145.9	125.4
-80°	221.9	211.7	201.4	191.1	180.8	166.5	150.0	133.6	125.4	119.2	117.1
-82.5°	182.9	170.6	158.2	148.0	133.6	123.3	113.0	104.8	104.8	102.8	100.7
-85°	104.8	100.7	94.5	90.4	86.3	80.1	74.0	69.9	67.8	65.8	63.7
-87.5°	53.4	51.4	47.3	45.2	43.2	41.1	37.0	34.9	32.9	32.9	30.8
-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: P723677

CATALOG NUMBER: IFLD-M-SA4A-730-U-11-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°	10.3	10.3	8.2	8.2	8.2	6.2	4.1	4.1	2.1	2.1	0.0
85°	24.7	20.6	18.5	16.4	16.4	12.3	8.2	6.2	4.1	2.1	2.1
82.5°	47.3	41.1	34.9	30.8	24.7	18.5	14.4	10.3	6.2	4.1	2.1
80°	53.4	53.4	51.4	43.2	34.9	26.7	18.5	12.3	8.2	6.2	4.1
77.5°	41.1	45.2	45.2	45.2	43.2	32.9	22.6	14.4	8.2	6.2	4.1
75°	47.3	41.1	39.0	41.1	39.0	32.9	26.7	16.4	10.3	8.2	4.1
72.5°	57.5	49.3	43.2	41.1	37.0	30.8	24.7	18.5	10.3	8.2	6.2
70°	53.4	51.4	47.3	43.2	37.0	30.8	24.7	18.5	12.3	8.2	6.2
67.5°	47.3	47.3	47.3	43.2	37.0	28.8	22.6	16.4	12.3	8.2	6.2
65°	32.9	39.0	43.2	41.1	37.0	28.8	22.6	16.4	12.3	10.3	6.2
62.5°	20.6	26.7	34.9	39.0	34.9	28.8	20.6	16.4	12.3	10.3	6.2
60°	18.5	20.6	24.7	30.8	32.9	26.7	20.6	14.4	12.3	10.3	6.2
57.5°	18.5	18.5	20.6	24.7	26.7	24.7	18.5	12.3	12.3	10.3	8.2
55°	20.6	18.5	18.5	20.6	22.6	22.6	18.5	12.3	12.3	10.3	8.2
52.5°	24.7	20.6	18.5	18.5	18.5	20.6	16.4	12.3	12.3	10.3	8.2
50°	30.8	24.7	22.6	18.5	18.5	18.5	16.4	12.3	10.3	10.3	8.2
47.5°	41.1	32.9	24.7	22.6	18.5	16.4	14.4	12.3	10.3	10.3	8.2
45°	61.7	39.0	32.9	24.7	20.6	18.5	16.4	12.3	10.3	10.3	8.2
42.5°	84.3	57.5	41.1	28.8	22.6	18.5	16.4	14.4	10.3	10.3	8.2
40°	106.9	78.1	51.4	37.0	26.7	20.6	16.4	14.4	12.3	10.3	8.2
37.5°	131.5	96.6	67.8	47.3	30.8	22.6	18.5	14.4	12.3	10.3	8.2
35°	162.4	121.3	84.3	57.5	37.0	26.7	20.6	14.4	12.3	10.3	8.2
32.5°	197.3	143.9	100.7	69.9	47.3	32.9	22.6	16.4	12.3	10.3	8.2
30°	230.2	170.6	119.2	84.3	57.5	37.0	24.7	16.4	12.3	10.3	6.2
27.5°	263.1	197.3	141.8	98.6	69.9	43.2	26.7	18.5	12.3	10.3	8.2
25°	295.9	224.0	164.4	113.0	80.1	51.4	32.9	20.6	12.3	10.3	8.2
22.5°	324.7	250.7	185.0	129.5	92.5	59.6	37.0	22.6	14.4	10.3	8.2
20°	357.6	279.5	207.6	148.0	102.8	67.8	41.1	24.7	14.4	10.3	8.2
17.5°	388.4	308.3	230.2	164.4	115.1	76.0	47.3	26.7	16.4	10.3	8.2
15°	419.2	335.0	250.7	180.8	127.4	84.3	51.4	28.8	18.5	10.3	8.2
12.5°	448.0	359.6	269.2	195.2	137.7	92.5	55.5	30.8	20.6	10.3	8.2
10°	474.7	382.2	287.7	207.6	148.0	98.6	59.6	34.9	22.6	10.3	8.2
7.5°	501.4	400.7	302.1	219.9	160.3	106.9	63.7	37.0	24.7	12.3	8.2
5°	517.9	417.2	314.4	230.2	170.6	115.1	67.8	39.0	26.7	12.3	8.2
2.5°	532.3	429.5	322.6	240.4	180.8	121.3	67.8	41.1	28.8	12.3	8.2
0°	540.5	437.7	328.8	246.6	189.1	125.4	69.9	43.2	30.8	12.3	8.2
-2.5°	559.0	452.1	343.2	254.8	197.3	137.7	74.0	45.2	32.9	14.4	8.2
-5°	571.3	460.3	353.5	263.1	203.5	150.0	80.1	49.3	37.0	18.5	10.3
-7.5°	581.6	468.6	361.7	267.2	209.6	154.1	82.2	51.4	39.0	20.6	10.3
-10°	583.6	472.7	367.9	273.3	213.7	160.3	84.3	53.4	41.1	22.6	10.3
-12.5°	585.7	476.8	369.9	277.4	217.8	164.4	86.3	55.5	43.2	24.7	10.3
-15°	583.6	474.7	369.9	281.5	219.9	160.3	90.4	57.5	45.2	26.7	10.3
-17.5°	579.5	472.7	367.9	279.5	217.8	156.2	92.5	61.7	45.2	28.8	12.3
-20°	573.4	466.5	363.8	277.4	215.8	152.1	94.5	63.7	47.3	28.8	12.3

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CATALOG NUMBER: IFLD-M-SA4A-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	563.1	456.2	355.5	271.3	211.7	148.0	94.5	67.8	49.3	28.8	12.3
-25°	550.8	446.0	347.3	263.1	205.5	141.8	94.5	69.9	51.4	28.8	12.3
-27.5°	536.4	435.7	335.0	256.9	197.3	137.7	94.5	71.9	53.4	28.8	12.3
-30°	519.9	421.3	324.7	246.6	191.1	137.7	96.6	74.0	55.5	28.8	12.3
-32.5°	503.5	406.9	312.4	238.4	182.9	135.6	96.6	76.0	57.5	26.7	14.4
-35°	485.0	390.5	302.1	232.2	176.7	131.5	98.6	76.0	55.5	26.7	14.4
-37.5°	462.4	369.9	291.8	226.1	172.6	127.4	98.6	78.1	53.4	26.7	14.4
-40°	437.7	353.5	279.5	217.8	166.5	125.4	98.6	78.1	51.4	26.7	16.4
-42.5°	411.0	335.0	267.2	209.6	160.3	123.3	98.6	78.1	49.3	26.7	16.4
-45°	386.4	316.5	252.8	199.3	154.1	123.3	98.6	76.0	45.2	28.8	16.4
-47.5°	359.6	295.9	236.3	189.1	152.1	121.3	96.6	71.9	41.1	28.8	16.4
-50°	337.0	275.4	224.0	178.8	148.0	123.3	98.6	65.8	41.1	28.8	16.4
-52.5°	314.4	261.0	209.6	174.7	143.9	125.4	96.6	61.7	41.1	28.8	16.4
-55°	295.9	246.6	201.4	168.5	148.0	129.5	92.5	55.5	41.1	28.8	16.4
-57.5°	281.5	238.4	195.2	170.6	154.1	125.4	86.3	53.4	41.1	26.7	16.4
-60°	271.3	230.2	197.3	178.8	156.2	119.2	82.2	53.4	41.1	26.7	14.4
-62.5°	263.1	232.2	207.6	185.0	148.0	111.0	78.1	53.4	37.0	24.7	14.4
-65°	265.1	240.4	211.7	176.7	141.8	102.8	71.9	51.4	34.9	22.6	14.4
-67.5°	271.3	234.3	199.3	166.5	127.4	92.5	65.8	47.3	32.9	22.6	14.4
-70°	250.7	215.8	180.8	141.8	108.9	80.1	61.7	43.2	28.8	20.6	14.4
-72.5°	226.1	180.8	143.9	115.1	92.5	74.0	55.5	39.0	26.7	18.5	12.3
-75°	164.4	131.5	106.9	96.6	82.2	65.8	49.3	34.9	24.7	18.5	12.3
-77.5°	117.1	108.9	98.6	88.4	74.0	57.5	43.2	32.9	22.6	16.4	10.3
-80°	115.1	104.8	92.5	76.0	61.7	49.3	37.0	28.8	20.6	14.4	8.2
-82.5°	96.6	82.2	69.9	57.5	47.3	39.0	30.8	22.6	16.4	10.3	6.2
-85°	59.6	51.4	45.2	39.0	32.9	26.7	20.6	14.4	10.3	6.2	4.1
-87.5°	28.8	26.7	22.6	18.5	16.4	12.3	10.3	8.2	6.2	4.1	2.1
-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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CATALOG NUMBER: IFLD-M-SA4A-730-U-11-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°	2.1	0.0	0.0	0.0
80°	2.1	0.0	0.0	0.0
77.5°	2.1	0.0	0.0	0.0
75°	2.1	2.1	0.0	0.0
72.5°	2.1	2.1	0.0	0.0
70°	4.1	2.1	2.1	0.0
67.5°	4.1	2.1	2.1	0.0
65°	4.1	2.1	2.1	0.0
62.5°	4.1	2.1	2.1	0.0
60°	4.1	2.1	2.1	0.0
57.5°	4.1	2.1	2.1	0.0
55°	4.1	2.1	2.1	0.0
52.5°	4.1	2.1	2.1	0.0
50°	4.1	2.1	2.1	0.0
47.5°	4.1	4.1	2.1	0.0
45°	4.1	4.1	2.1	0.0
42.5°	4.1	4.1	2.1	0.0
40°	4.1	4.1	2.1	0.0
37.5°	4.1	4.1	2.1	0.0
35°	4.1	4.1	2.1	0.0
32.5°	6.2	4.1	2.1	0.0
30°	6.2	4.1	4.1	0.0
27.5°	6.2	4.1	4.1	0.0
25°	6.2	4.1	4.1	0.0
22.5°	6.2	4.1	4.1	0.0
20°	6.2	4.1	4.1	0.0
17.5°	6.2	4.1	4.1	0.0
15°	6.2	4.1	4.1	0.0
12.5°	6.2	4.1	4.1	0.0
10°	6.2	4.1	4.1	0.0
7.5°	6.2	4.1	4.1	0.0
5°	6.2	4.1	4.1	0.0
2.5°	6.2	4.1	4.1	0.0
0°	6.2	4.1	4.1	0.0
-2.5°	6.2	4.1	4.1	0.0
-5°	6.2	4.1	4.1	0.0
-7.5°	6.2	4.1	4.1	0.0
-10°	6.2	4.1	4.1	0.0
-12.5°	8.2	4.1	4.1	0.0
-15°	8.2	4.1	4.1	0.0
-17.5°	8.2	4.1	4.1	0.0
-20°	8.2	4.1	4.1	0.0

REPORT NUMBER: P723677

CATALOG NUMBER: IFLD-M-SA4A-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	8.2	4.1	4.1	0.0
-25°	8.2	4.1	4.1	0.0
-27.5°	8.2	4.1	4.1	0.0
-30°	8.2	4.1	4.1	0.0
-32.5°	8.2	4.1	4.1	0.0
-35°	8.2	4.1	4.1	0.0
-37.5°	8.2	4.1	4.1	0.0
-40°	8.2	4.1	4.1	0.0
-42.5°	6.2	4.1	2.1	0.0
-45°	8.2	4.1	2.1	0.0
-47.5°	8.2	4.1	2.1	0.0
-50°	8.2	4.1	2.1	0.0
-52.5°	8.2	4.1	2.1	0.0
-55°	8.2	4.1	2.1	0.0
-57.5°	8.2	4.1	2.1	0.0
-60°	8.2	4.1	2.1	0.0
-62.5°	8.2	4.1	2.1	0.0
-65°	8.2	4.1	2.1	0.0
-67.5°	8.2	4.1	2.1	0.0
-70°	8.2	2.1	2.1	0.0
-72.5°	6.2	2.1	2.1	0.0
-75°	6.2	2.1	2.1	0.0
-77.5°	4.1	2.1	0.0	0.0
-80°	4.1	2.1	0.0	0.0
-82.5°	4.1	2.1	0.0	0.0
-85°	2.1	0.0	0.0	0.0
-87.5°	2.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)