

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: P723793

Luminaire Tested: **IFLD-M-SA4A-760-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723793
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-760-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	10000.3 lumens	Max Intensity:	235271.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	77.8 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:	3626.5 lumens	Field Lumens:	5781.4 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

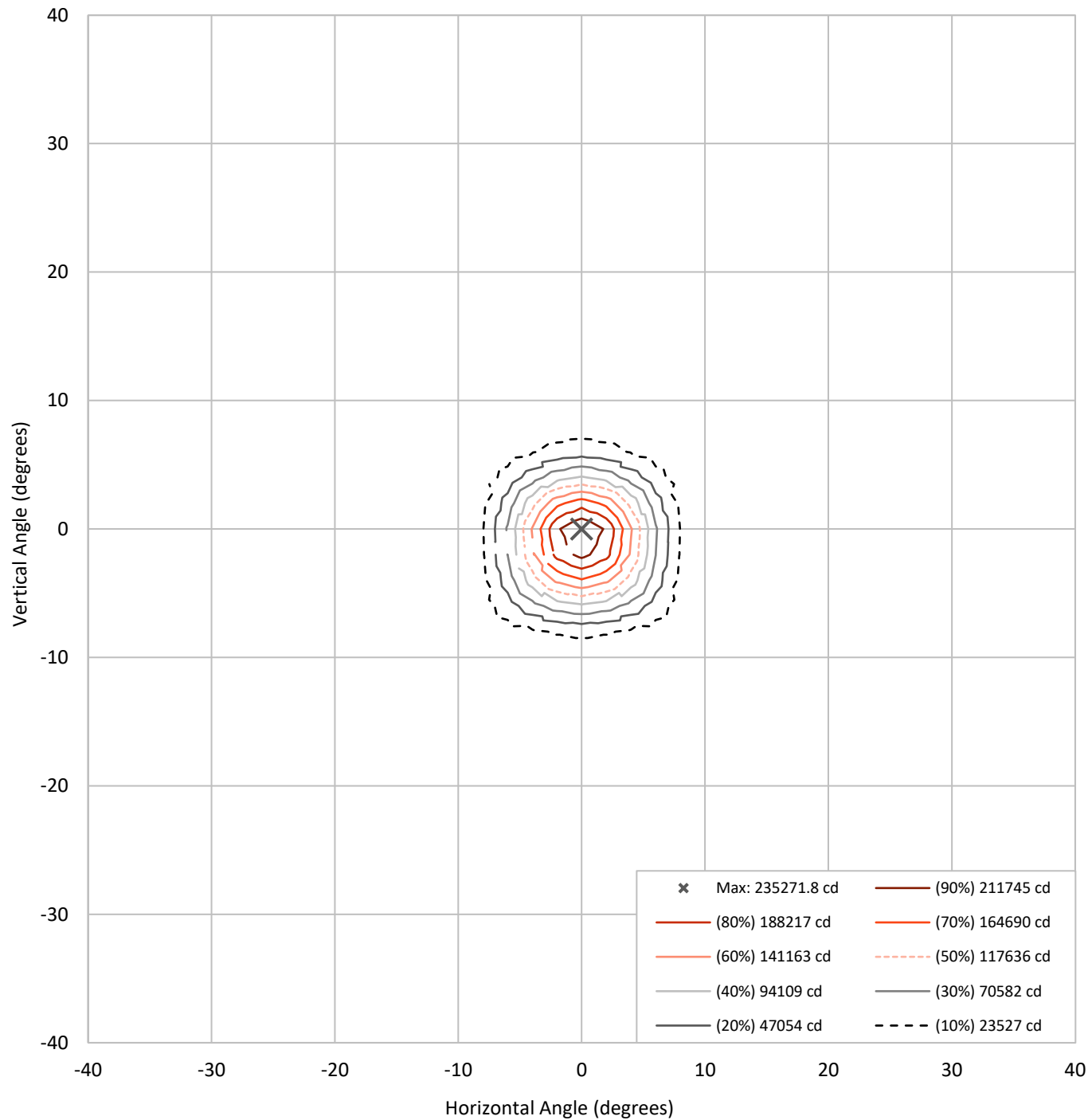
Input Watts (W): 128.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P723793
CATALOG NUMBER: IFLD-M-SA4A-760-U-11-VI

Iso-Candela Plot



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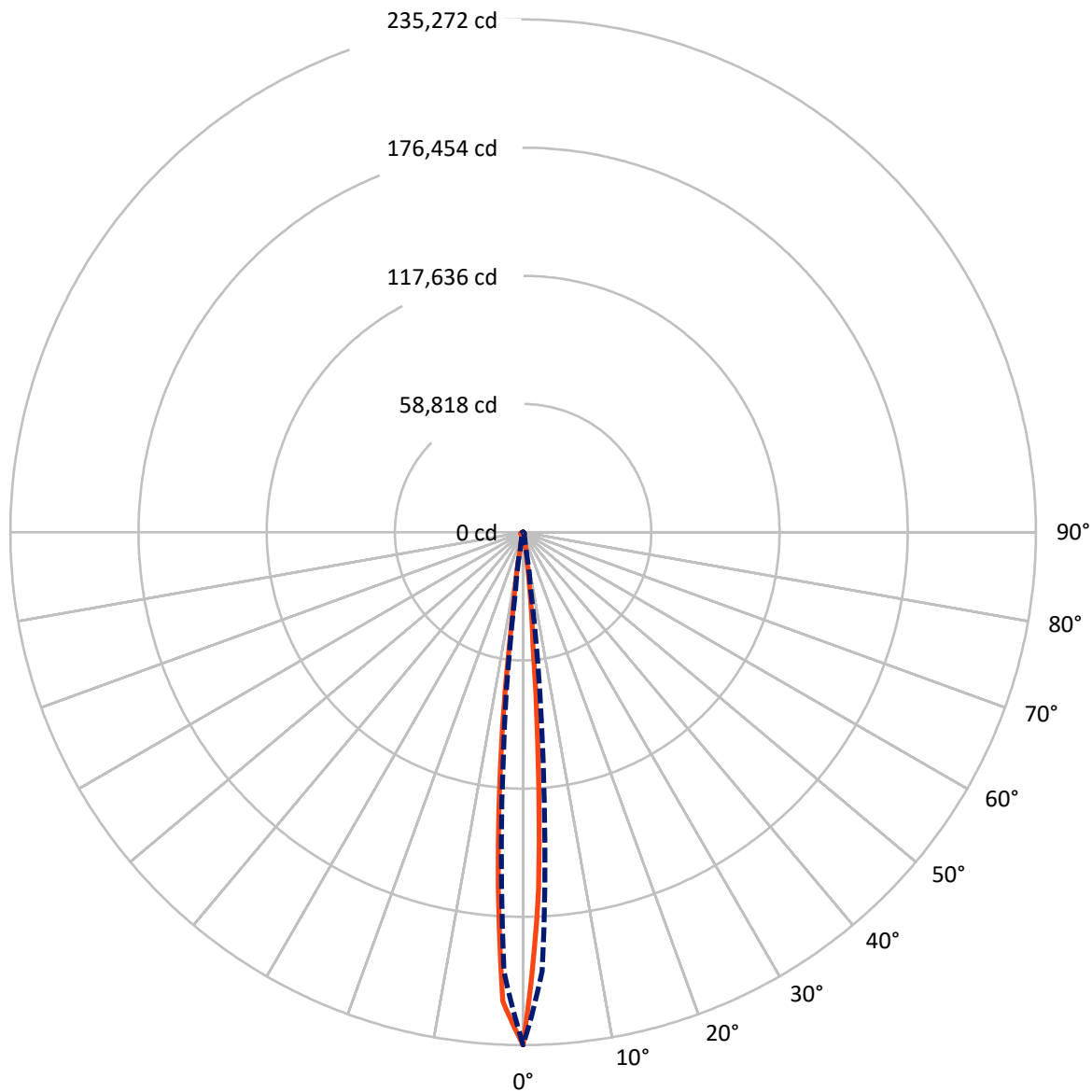
Lumen Table

Vertical Angle (degrees)																				
	0.2	2.2		2.4		0.9		0.3		0.9		2.4		2.2		0.2				
90																				
80																				
70	0.3	0.5	0.6	0.5	0.4	0.3	0.3	0.1	0.1	0.3	0.3	0.4	0.5	0.6	0.5	0.3				
60		0.3	0.5	1.2	2.6	4.2	5.4	6.2	6.2	5.4	4.2	2.6	1.2	0.5	0.3					
50	0.3	0.3	1.4	4.6	9.0	13.1	15.8	17.5	17.5	15.8	13.1	9.0	4.6	1.4	0.3	0.3				
40		0.7	3.5	9.4	15.2	17.9	19.3	20.0	20.0	19.3	17.9	15.2	9.4	3.5	0.7					
30	0.4	1.3	5.9	13.6	17.6	18.1	21.4	25.8	25.8	21.4	18.1	17.6	13.6	5.9	1.3	0.4				
20		2.0	8.3	16.7	18.8	21.2	37.2	63.5	63.5	37.2	21.2	18.8	16.7	8.3	2.0					
10	0.7	2.6	10.2	18.4	19.5	26.2	70.8	1312.8	1312.8	70.8	26.2	19.5	18.4	10.2	2.6	0.7				
0		3.1	11.2	19.3	20.2	27.0	76.3	1914.2	1914.2	76.3	27.0	20.2	19.3	11.2	3.1					
-10	1.0	3.3	11.5	20.3	21.9	24.4	44.4	85.1	85.1	44.4	24.4	21.9	20.3	11.5	3.3	1.0				
-20		3.1	10.9	20.6	24.5	24.6	28.7	35.1	35.1	28.7	24.6	24.5	20.6	10.9	3.1					
-30	1.1	2.8	9.6	19.7	27.0	29.4	30.6	30.9	30.9	30.6	29.4	27.0	19.7	9.6	2.8	1.1				
-40		2.4	7.7	16.7	26.0	31.7	35.5	37.2	37.2	35.5	31.7	26.0	16.7	7.7	2.4					
-50	0.8	2.2	6.0	13.0	22.2	29.8	34.6	36.6	36.6	34.6	29.8	22.2	13.0	6.0	2.2	0.8				
-60		2.0	5.3	10.6	18.5	26.1	31.6	34.1	34.1	31.6	26.1	18.5	10.6	5.3	2.0					
-70	0.4	6.2	18.4		34.1		37.7		34.1		18.4		6.2		0.4	0.4				
-80																				
-90																				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
	Horizontal Angle (degrees)																			

REPORT NUMBER: P723793

CATALOG NUMBER: IFLD-M-SA4A-760-U-11-VI

Luminous Intensity Polar Plot



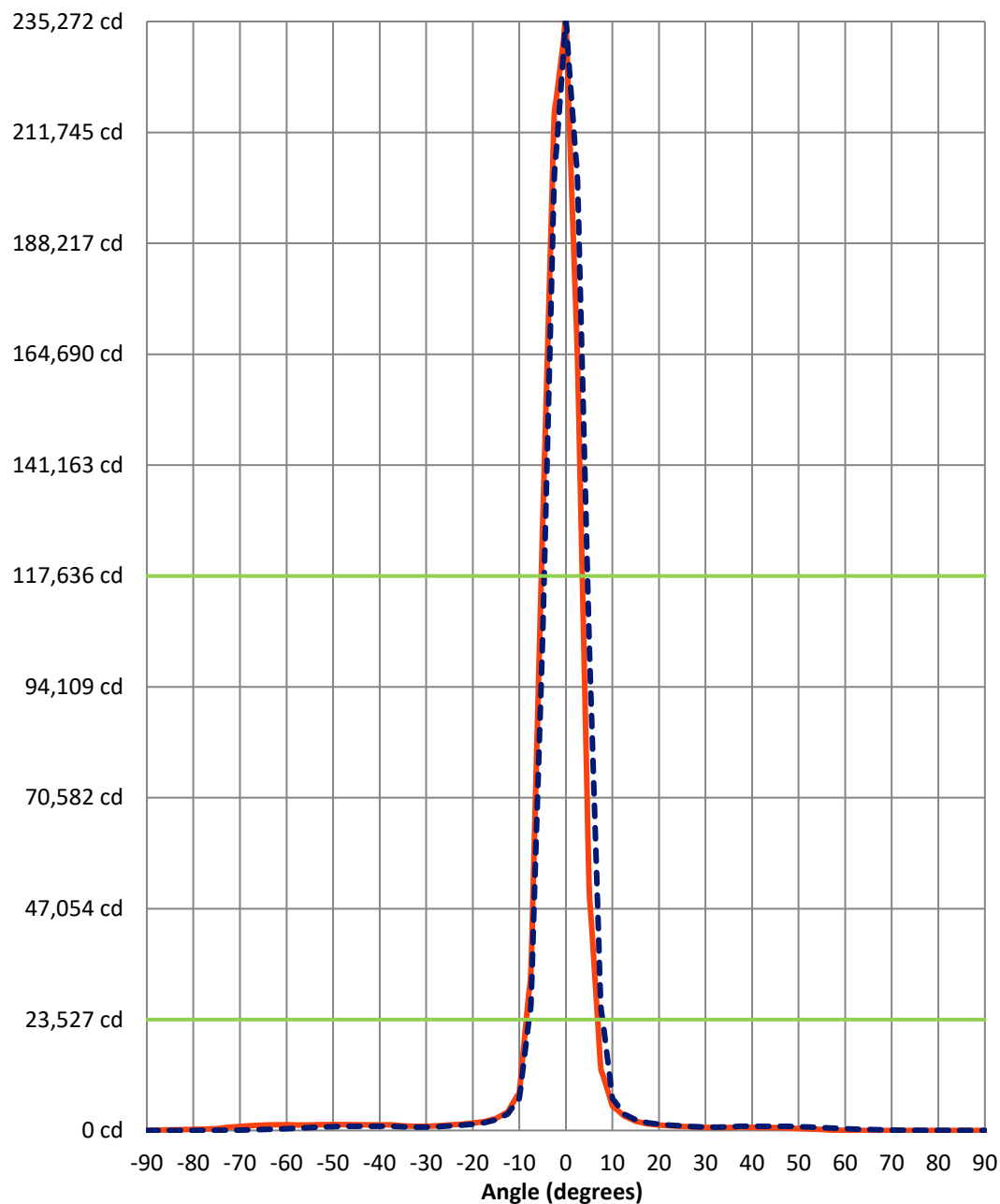
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723793

CATALOG NUMBER: IFLD-M-SA4A-760-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 3626.5

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 5781.4

Efficiency: 57.8%

Spill:

Lumens: 4218.9

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

REPORT NUMBER: P723793

CATALOG NUMBER: IFLD-M-SA4A-760-U-11-VI

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	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
85°	0.0	2.3	2.3	4.6	4.6	4.6	6.9	9.2	11.5	11.5	13.9
82.5°	0.0	2.3	2.3	4.6	4.6	6.9	6.9	11.5	13.9	16.2	20.8
80°	2.3	2.3	2.3	4.6	4.6	6.9	6.9	9.2	11.5	16.2	18.5
77.5°	0.0	2.3	2.3	2.3	4.6	4.6	4.6	6.9	9.2	11.5	13.9
75°	0.0	2.3	2.3	2.3	4.6	4.6	4.6	4.6	6.9	6.9	9.2
72.5°	0.0	0.0	0.0	2.3	2.3	4.6	4.6	4.6	6.9	6.9	6.9
70°	0.0	0.0	0.0	2.3	2.3	4.6	4.6	4.6	6.9	6.9	6.9
67.5°	0.0	0.0	0.0	2.3	2.3	4.6	4.6	4.6	6.9	6.9	6.9
65°	0.0	0.0	0.0	2.3	2.3	4.6	4.6	6.9	6.9	6.9	6.9
62.5°	2.3	2.3	2.3	4.6	6.9	6.9	9.2	11.5	11.5	11.5	11.5
60°	23.1	25.4	27.7	27.7	25.4	25.4	27.7	27.7	27.7	27.7	27.7
57.5°	62.3	66.9	69.3	69.3	69.3	66.9	76.2	78.5	69.3	64.6	71.6
55°	217.0	223.9	219.3	212.4	198.5	182.4	177.8	175.4	177.8	166.2	147.7
52.5°	316.3	323.2	320.9	316.3	307.0	295.5	286.3	277.0	267.8	249.3	228.5
50°	410.9	413.2	410.9	406.3	397.1	385.5	367.1	346.3	327.8	323.2	304.7
47.5°	517.1	524.0	524.0	521.7	514.8	494.0	466.3	436.3	422.5	417.8	399.4
45°	611.8	616.4	618.7	621.0	618.7	597.9	572.5	556.4	526.3	517.1	517.1
42.5°	637.2	639.5	641.8	644.1	651.0	634.8	614.1	586.4	579.4	577.1	572.5
40°	646.4	641.8	644.1	646.4	648.7	637.2	621.0	604.8	600.2	595.6	595.6
37.5°	734.1	713.3	697.2	683.3	671.8	660.2	644.1	630.2	618.7	609.5	618.7
35°	625.6	625.6	641.8	655.6	669.5	683.3	685.6	669.5	644.1	632.5	648.7
32.5°	639.5	639.5	639.5	644.1	648.7	660.2	671.8	678.7	697.2	676.4	676.4
30°	653.3	655.6	660.2	662.5	655.6	651.0	646.4	646.4	657.9	687.9	704.1
27.5°	734.1	734.1	727.2	718.0	697.2	664.9	648.7	625.6	627.9	641.8	681.0
25°	865.7	861.1	844.9	821.8	784.9	738.7	694.9	646.4	625.6	618.7	634.8
22.5°	990.4	983.4	962.7	941.9	911.9	865.7	791.8	718.0	653.3	625.6	618.7
20°	1149.6	1133.5	1110.4	1078.1	1029.6	983.4	918.8	821.8	727.2	655.6	627.9
17.5°	1405.9	1385.1	1341.3	1283.5	1200.4	1128.9	1036.5	944.2	838.0	722.6	660.2
15°	1966.9	1913.8	1837.6	1678.3	1514.4	1378.2	1239.7	1085.0	976.5	824.1	729.5
12.5°	3093.4	2948.0	2726.4	2354.7	1987.6	1671.4	1447.4	1248.9	1073.5	932.6	798.8
10°	5235.8	4924.1	4312.3	3296.6	2620.2	2038.4	1636.7	1371.3	1149.6	1004.2	856.5
7.5°	13241.7	10801.6	7643.6	5219.6	3428.2	2490.9	1872.2	1486.7	1230.4	1050.4	902.6
5°	51609.6	42513.9	22679.0	9465.0	5157.3	3012.6	2084.6	1579.0	1283.5	1085.0	937.3
2.5°	163792.7	141446.1	74210.1	20375.1	6332.3	3393.5	2230.0	1636.7	1313.6	1110.4	962.7
0°	235271.8	201636.5	104149.4	26797.4	6867.9	3490.5	2276.2	1648.3	1318.2	1115.0	962.7
-2.5°	215233.7	188371.6	100608.2	24936.8	7017.9	3518.2	2313.1	1687.5	1352.8	1135.8	969.6
-5°	127890.4	112178.5	70181.7	17780.3	6235.3	3266.6	2216.2	1652.9	1329.7	1124.3	965.0
-7.5°	33695.3	29170.6	19188.5	9278.0	4035.3	2763.3	2036.1	1595.2	1299.7	1103.5	946.5
-10°	8123.7	7699.0	6877.1	4215.4	3141.9	2308.5	1805.3	1491.3	1239.7	1075.8	916.5
-12.5°	3917.6	3825.2	3472.0	2862.6	2331.6	1918.4	1634.4	1382.8	1184.3	1027.3	874.9
-15°	2548.6	2495.5	2375.5	2142.3	1872.2	1673.7	1475.2	1272.0	1115.0	955.7	840.3
-17.5°	1886.1	1883.8	1823.7	1736.0	1602.1	1454.4	1308.9	1179.7	1027.3	891.1	803.4
-20°	1562.9	1562.9	1528.2	1470.5	1375.9	1278.9	1182.0	1061.9	937.3	835.7	798.8

REPORT NUMBER: P723793

CATALOG NUMBER: IFLD-M-SA4A-760-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1327.4	1329.7	1311.2	1274.3	1223.5	1142.7	1048.1	951.1	861.1	824.1	812.6
-25°	1175.0	1170.4	1149.6	1115.0	1061.9	997.3	935.0	870.3	844.9	835.7	851.8
-27.5°	995.0	1001.9	992.7	976.5	941.9	895.7	881.9	863.4	868.0	881.9	944.2
-30°	888.8	895.7	904.9	911.9	900.3	888.8	893.4	907.3	937.3	990.4	1013.4
-32.5°	888.8	891.1	904.9	918.8	925.7	935.0	960.3	1006.5	1050.4	1036.5	1031.9
-35°	969.6	962.7	981.1	999.6	1025.0	1057.3	1085.0	1075.8	1059.6	1055.0	1059.6
-37.5°	1200.4	1156.6	1138.1	1126.6	1119.6	1115.0	1108.1	1101.2	1094.2	1089.6	1096.6
-40°	1198.1	1186.6	1175.0	1165.8	1158.9	1149.6	1145.0	1142.7	1135.8	1131.2	1126.6
-42.5°	1193.5	1198.1	1198.1	1195.8	1198.1	1195.8	1188.9	1179.7	1168.1	1158.9	1149.6
-45°	1228.1	1230.4	1235.1	1239.7	1246.6	1237.4	1223.5	1207.4	1191.2	1177.4	1165.8
-47.5°	1248.9	1251.2	1255.8	1262.8	1267.4	1258.2	1239.7	1218.9	1193.5	1170.4	1147.3
-50°	1255.8	1262.8	1265.1	1265.1	1262.8	1251.2	1223.5	1193.5	1165.8	1142.7	1121.9
-52.5°	1223.5	1230.4	1232.8	1228.1	1225.8	1214.3	1188.9	1161.2	1131.2	1115.0	1096.6
-55°	1170.4	1179.7	1186.6	1186.6	1186.6	1184.3	1161.2	1135.8	1112.7	1094.2	1075.8
-57.5°	1149.6	1165.8	1179.7	1182.0	1184.3	1186.6	1170.4	1145.0	1117.3	1089.6	1066.5
-60°	1225.8	1239.7	1246.6	1237.4	1230.4	1223.5	1198.1	1168.1	1140.4	1112.7	1068.9
-62.5°	1205.1	1228.1	1239.7	1232.8	1223.5	1212.0	1184.3	1149.6	1117.3	1087.3	1043.5
-65°	1138.1	1158.9	1172.7	1161.2	1147.3	1131.2	1105.8	1073.5	1043.5	1013.4	974.2
-67.5°	1025.0	1055.0	1078.1	1052.7	1034.2	1013.4	992.7	965.0	935.0	900.3	863.4
-70°	847.2	870.3	891.1	884.2	879.6	874.9	861.1	833.4	808.0	780.3	748.0
-72.5°	681.0	701.8	720.3	708.7	699.5	685.6	664.9	634.8	604.8	574.8	544.8
-75°	376.3	383.2	390.1	387.8	387.8	387.8	387.8	390.1	385.5	378.6	364.7
-77.5°	288.6	297.8	304.7	309.3	316.3	325.5	332.4	320.9	309.3	297.8	283.9
-80°	226.2	235.5	242.4	267.8	286.3	307.0	320.9	304.7	288.6	274.7	263.2
-82.5°	170.8	177.8	184.7	198.5	207.8	219.3	228.5	228.5	226.2	223.9	217.0
-85°	124.7	133.9	143.1	147.7	154.7	154.7	157.0	147.7	138.5	131.6	122.4
-87.5°	71.6	73.9	73.9	73.9	76.2	76.2	76.2	71.6	69.3	64.6	62.3
-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: P723793

CATALOG NUMBER: IFLD-M-SA4A-760-U-11-VI

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°	2.3	2.3	2.3	4.6	4.6	6.9	6.9	9.2	9.2	11.5	11.5
85°	13.9	13.9	13.9	16.2	16.2	18.5	20.8	23.1	25.4	25.4	27.7
82.5°	23.1	25.4	27.7	30.0	32.3	34.6	36.9	39.2	46.2	50.8	53.1
80°	23.1	25.4	32.3	36.9	41.6	46.2	46.2	46.2	46.2	48.5	53.1
77.5°	16.2	18.5	20.8	25.4	36.9	46.2	53.1	57.7	53.1	50.8	46.2
75°	9.2	11.5	13.9	16.2	23.1	32.3	43.9	55.4	64.6	62.3	57.7
72.5°	9.2	9.2	11.5	13.9	16.2	18.5	20.8	32.3	46.2	57.7	64.6
70°	9.2	11.5	11.5	13.9	16.2	18.5	20.8	25.4	32.3	46.2	60.0
67.5°	9.2	11.5	11.5	16.2	20.8	23.1	25.4	23.1	20.8	30.0	43.9
65°	9.2	9.2	11.5	13.9	16.2	18.5	25.4	25.4	23.1	23.1	23.1
62.5°	13.9	13.9	13.9	13.9	16.2	16.2	16.2	20.8	20.8	20.8	20.8
60°	27.7	25.4	25.4	25.4	25.4	20.8	20.8	20.8	18.5	20.8	18.5
57.5°	66.9	55.4	50.8	50.8	43.9	41.6	34.6	25.4	25.4	20.8	20.8
55°	136.2	129.3	108.5	90.0	80.8	71.6	55.4	46.2	34.6	27.7	25.4
52.5°	210.1	191.6	173.1	150.1	127.0	108.5	92.3	71.6	57.7	41.6	32.3
50°	274.7	258.6	237.8	212.4	182.4	159.3	136.2	108.5	85.4	64.6	46.2
47.5°	374.0	341.7	316.3	286.3	251.6	219.3	189.3	157.0	120.0	94.6	71.6
45°	480.2	434.0	399.4	371.7	325.5	281.6	247.0	212.4	168.5	124.7	97.0
42.5°	554.0	519.4	473.2	436.3	394.8	348.6	302.4	265.5	219.3	168.5	124.7
40°	593.3	570.2	533.3	501.0	457.1	406.3	357.8	320.9	272.4	217.0	157.0
37.5°	623.3	611.8	593.3	567.9	526.3	466.3	417.8	374.0	332.4	267.8	203.2
35°	657.9	655.6	644.1	632.5	597.9	540.2	482.5	431.7	380.9	320.9	249.3
32.5°	690.3	687.9	681.0	676.4	662.5	611.8	549.4	491.7	434.0	371.7	293.2
30°	706.4	701.8	701.8	706.4	692.6	660.2	614.1	551.7	487.1	413.2	339.4
27.5°	706.4	701.8	704.1	711.0	708.7	692.6	657.9	607.1	535.6	452.5	380.9
25°	676.4	699.5	699.5	708.7	711.0	706.4	687.9	655.6	581.8	494.0	413.2
22.5°	634.8	690.3	711.0	708.7	711.0	722.6	724.9	694.9	625.6	535.6	445.5
20°	634.8	674.1	734.1	718.0	722.6	748.0	759.5	734.1	671.8	574.8	477.9
17.5°	648.7	674.1	724.9	750.3	757.2	778.0	796.4	780.3	713.3	616.4	521.7
15°	687.9	683.3	718.0	780.3	791.8	808.0	828.8	810.3	750.3	662.5	563.3
12.5°	715.6	690.3	718.0	784.9	821.8	838.0	844.9	831.1	782.6	704.1	604.8
10°	752.6	708.7	722.6	780.3	833.4	844.9	851.8	847.2	812.6	738.7	641.8
7.5°	780.3	718.0	718.0	773.4	844.9	854.2	858.8	863.4	838.0	768.7	674.1
5°	791.8	718.0	713.3	766.4	856.5	865.7	865.7	872.6	856.5	791.8	697.2
2.5°	794.1	715.6	708.7	761.8	877.2	877.2	872.6	879.6	870.3	805.7	713.3
0°	805.7	713.3	706.4	768.7	900.3	891.1	879.6	881.9	877.2	812.6	722.6
-2.5°	805.7	724.9	715.6	773.4	898.0	895.7	891.1	893.4	888.8	833.4	741.0
-5°	817.2	741.0	731.8	794.1	895.7	902.6	904.9	904.9	898.0	847.2	752.6
-7.5°	819.5	752.6	750.3	814.9	900.3	911.9	918.8	923.4	909.6	856.5	761.8
-10°	808.0	757.2	768.7	840.3	904.9	921.1	935.0	941.9	918.8	861.1	766.4
-12.5°	782.6	757.2	787.2	872.6	916.5	935.0	955.7	958.0	928.0	863.4	768.7
-15°	780.3	775.7	819.5	904.9	923.4	946.5	978.8	971.9	935.0	863.4	768.7
-17.5°	778.0	801.1	868.0	916.5	935.0	960.3	985.7	978.8	939.6	863.4	764.1
-20°	798.8	842.6	925.7	928.0	948.8	976.5	990.4	976.5	932.6	856.5	757.2

REPORT NUMBER: P723793

CATALOG NUMBER: IFLD-M-SA4A-760-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°	833.4	916.5	944.2	953.4	971.9	992.7	999.6	978.8	925.7	844.9	745.7
-25°	921.1	962.7	962.7	983.4	1001.9	1011.1	1004.2	981.1	916.5	833.4	734.1
-27.5°	988.1	985.7	997.3	1018.1	1034.2	1034.2	1015.8	969.6	902.6	821.8	718.0
-30°	1013.4	1015.8	1031.9	1055.0	1059.6	1048.1	1020.4	960.3	891.1	803.4	697.2
-32.5°	1038.8	1048.1	1068.9	1080.4	1082.7	1059.6	1008.8	944.2	872.6	782.6	674.1
-35°	1068.9	1087.3	1098.9	1101.2	1089.6	1050.4	992.7	923.4	844.9	752.6	653.3
-37.5°	1108.1	1117.3	1124.3	1115.0	1082.7	1036.5	965.0	895.7	819.5	720.3	623.3
-40°	1133.5	1138.1	1140.4	1110.4	1071.2	1004.2	935.0	863.4	775.7	683.3	591.0
-42.5°	1149.6	1145.0	1126.6	1094.2	1036.5	971.9	904.9	824.1	736.4	646.4	556.4
-45°	1145.0	1128.9	1101.2	1061.9	1001.9	937.3	858.8	778.0	694.9	607.1	517.1
-47.5°	1126.6	1101.2	1066.5	1020.4	965.0	886.5	808.0	729.5	648.7	563.3	480.2
-50°	1103.5	1073.5	1031.9	974.2	900.3	828.8	757.2	681.0	597.9	519.4	445.5
-52.5°	1078.1	1045.8	992.7	928.0	847.2	773.4	704.1	630.2	554.0	480.2	415.5
-55°	1050.4	1018.1	958.0	884.2	803.4	722.6	655.6	593.3	519.4	447.9	390.1
-57.5°	1036.5	995.0	932.6	858.8	773.4	690.3	632.5	565.6	498.6	424.8	369.4
-60°	1025.0	983.4	925.7	840.3	759.5	681.0	614.1	549.4	477.9	408.6	353.2
-62.5°	992.7	948.8	895.7	812.6	734.1	662.5	602.5	526.3	457.1	392.5	341.7
-65°	928.0	881.9	835.7	761.8	690.3	623.3	563.3	494.0	429.4	374.0	330.1
-67.5°	826.5	787.2	745.7	683.3	623.3	563.3	507.9	447.9	394.8	355.5	332.4
-70°	713.3	671.8	630.2	579.4	528.7	480.2	436.3	392.5	357.8	337.0	318.6
-72.5°	519.4	501.0	480.2	440.9	399.4	369.4	348.6	330.1	304.7	286.3	274.7
-75°	346.3	320.9	288.6	274.7	277.0	272.4	260.9	247.0	235.5	228.5	212.4
-77.5°	270.1	256.2	240.1	223.9	217.0	210.1	200.8	189.3	180.1	163.9	140.8
-80°	249.3	237.8	226.2	214.7	203.2	187.0	168.5	150.1	140.8	133.9	131.6
-82.5°	205.5	191.6	177.8	166.2	150.1	138.5	127.0	117.7	117.7	115.4	113.1
-85°	117.7	113.1	106.2	101.6	97.0	90.0	83.1	78.5	76.2	73.9	71.6
-87.5°	60.0	57.7	53.1	50.8	48.5	46.2	41.6	39.2	36.9	36.9	34.6
-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: P723793

CATALOG NUMBER: IFLD-M-SA4A-760-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°	11.5	11.5	9.2	9.2	9.2	6.9	4.6	4.6	2.3	2.3	0.0
85°	27.7	23.1	20.8	18.5	18.5	13.9	9.2	6.9	4.6	2.3	2.3
82.5°	53.1	46.2	39.2	34.6	27.7	20.8	16.2	11.5	6.9	4.6	2.3
80°	60.0	60.0	57.7	48.5	39.2	30.0	20.8	13.9	9.2	6.9	4.6
77.5°	46.2	50.8	50.8	50.8	48.5	36.9	25.4	16.2	9.2	6.9	4.6
75°	53.1	46.2	43.9	46.2	43.9	36.9	30.0	18.5	11.5	9.2	4.6
72.5°	64.6	55.4	48.5	46.2	41.6	34.6	27.7	20.8	11.5	9.2	6.9
70°	60.0	57.7	53.1	48.5	41.6	34.6	27.7	20.8	13.9	9.2	6.9
67.5°	53.1	53.1	53.1	48.5	41.6	32.3	25.4	18.5	13.9	9.2	6.9
65°	36.9	43.9	48.5	46.2	41.6	32.3	25.4	18.5	13.9	11.5	6.9
62.5°	23.1	30.0	39.2	43.9	39.2	32.3	23.1	18.5	13.9	11.5	6.9
60°	20.8	23.1	27.7	34.6	36.9	30.0	23.1	16.2	13.9	11.5	6.9
57.5°	20.8	20.8	23.1	27.7	30.0	27.7	20.8	13.9	13.9	11.5	9.2
55°	23.1	20.8	20.8	23.1	25.4	25.4	20.8	13.9	13.9	11.5	9.2
52.5°	27.7	23.1	20.8	20.8	20.8	23.1	18.5	13.9	13.9	11.5	9.2
50°	34.6	27.7	25.4	20.8	20.8	20.8	18.5	13.9	11.5	11.5	9.2
47.5°	46.2	36.9	27.7	25.4	20.8	18.5	16.2	13.9	11.5	11.5	9.2
45°	69.3	43.9	36.9	27.7	23.1	20.8	18.5	13.9	11.5	11.5	9.2
42.5°	94.6	64.6	46.2	32.3	25.4	20.8	18.5	16.2	11.5	11.5	9.2
40°	120.0	87.7	57.7	41.6	30.0	23.1	18.5	16.2	13.9	11.5	9.2
37.5°	147.7	108.5	76.2	53.1	34.6	25.4	20.8	16.2	13.9	11.5	9.2
35°	182.4	136.2	94.6	64.6	41.6	30.0	23.1	16.2	13.9	11.5	9.2
32.5°	221.6	161.6	113.1	78.5	53.1	36.9	25.4	18.5	13.9	11.5	9.2
30°	258.6	191.6	133.9	94.6	64.6	41.6	27.7	18.5	13.9	11.5	6.9
27.5°	295.5	221.6	159.3	110.8	78.5	48.5	30.0	20.8	13.9	11.5	9.2
25°	332.4	251.6	184.7	127.0	90.0	57.7	36.9	23.1	13.9	11.5	9.2
22.5°	364.7	281.6	207.8	145.4	103.9	66.9	41.6	25.4	16.2	11.5	9.2
20°	401.7	314.0	233.2	166.2	115.4	76.2	46.2	27.7	16.2	11.5	9.2
17.5°	436.3	346.3	258.6	184.7	129.3	85.4	53.1	30.0	18.5	11.5	9.2
15°	470.9	376.3	281.6	203.2	143.1	94.6	57.7	32.3	20.8	11.5	9.2
12.5°	503.3	404.0	302.4	219.3	154.7	103.9	62.3	34.6	23.1	11.5	9.2
10°	533.3	429.4	323.2	233.2	166.2	110.8	66.9	39.2	25.4	11.5	9.2
7.5°	563.3	450.2	339.4	247.0	180.1	120.0	71.6	41.6	27.7	13.9	9.2
5°	581.8	468.6	353.2	258.6	191.6	129.3	76.2	43.9	30.0	13.9	9.2
2.5°	597.9	482.5	362.4	270.1	203.2	136.2	76.2	46.2	32.3	13.9	9.2
0°	607.1	491.7	369.4	277.0	212.4	140.8	78.5	48.5	34.6	13.9	9.2
-2.5°	627.9	507.9	385.5	286.3	221.6	154.7	83.1	50.8	36.9	16.2	9.2
-5°	641.8	517.1	397.1	295.5	228.5	168.5	90.0	55.4	41.6	20.8	11.5
-7.5°	653.3	526.3	406.3	300.1	235.5	173.1	92.3	57.7	43.9	23.1	11.5
-10°	655.6	531.0	413.2	307.0	240.1	180.1	94.6	60.0	46.2	25.4	11.5
-12.5°	657.9	535.6	415.5	311.7	244.7	184.7	97.0	62.3	48.5	27.7	11.5
-15°	655.6	533.3	415.5	316.3	247.0	180.1	101.6	64.6	50.8	30.0	11.5
-17.5°	651.0	531.0	413.2	314.0	244.7	175.4	103.9	69.3	50.8	32.3	13.9
-20°	644.1	524.0	408.6	311.7	242.4	170.8	106.2	71.6	53.1	32.3	13.9



REPORT NUMBER: P723793

CATALOG NUMBER: IFLD-M-SA4A-760-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	632.5	512.5	399.4	304.7	237.8	166.2	106.2	76.2	55.4	32.3	13.9
-25°	618.7	501.0	390.1	295.5	230.9	159.3	106.2	78.5	57.7	32.3	13.9
-27.5°	602.5	489.4	376.3	288.6	221.6	154.7	106.2	80.8	60.0	32.3	13.9
-30°	584.1	473.2	364.7	277.0	214.7	154.7	108.5	83.1	62.3	32.3	13.9
-32.5°	565.6	457.1	350.9	267.8	205.5	152.4	108.5	85.4	64.6	30.0	16.2
-35°	544.8	438.6	339.4	260.9	198.5	147.7	110.8	85.4	62.3	30.0	16.2
-37.5°	519.4	415.5	327.8	253.9	193.9	143.1	110.8	87.7	60.0	30.0	16.2
-40°	491.7	397.1	314.0	244.7	187.0	140.8	110.8	87.7	57.7	30.0	18.5
-42.5°	461.7	376.3	300.1	235.5	180.1	138.5	110.8	87.7	55.4	30.0	18.5
-45°	434.0	355.5	283.9	223.9	173.1	138.5	110.8	85.4	50.8	32.3	18.5
-47.5°	404.0	332.4	265.5	212.4	170.8	136.2	108.5	80.8	46.2	32.3	18.5
-50°	378.6	309.3	251.6	200.8	166.2	138.5	110.8	73.9	46.2	32.3	18.5
-52.5°	353.2	293.2	235.5	196.2	161.6	140.8	108.5	69.3	46.2	32.3	18.5
-55°	332.4	277.0	226.2	189.3	166.2	145.4	103.9	62.3	46.2	32.3	18.5
-57.5°	316.3	267.8	219.3	191.6	173.1	140.8	97.0	60.0	46.2	30.0	18.5
-60°	304.7	258.6	221.6	200.8	175.4	133.9	92.3	60.0	46.2	30.0	16.2
-62.5°	295.5	260.9	233.2	207.8	166.2	124.7	87.7	60.0	41.6	27.7	16.2
-65°	297.8	270.1	237.8	198.5	159.3	115.4	80.8	57.7	39.2	25.4	16.2
-67.5°	304.7	263.2	223.9	187.0	143.1	103.9	73.9	53.1	36.9	25.4	16.2
-70°	281.6	242.4	203.2	159.3	122.4	90.0	69.3	48.5	32.3	23.1	16.2
-72.5°	253.9	203.2	161.6	129.3	103.9	83.1	62.3	43.9	30.0	20.8	13.9
-75°	184.7	147.7	120.0	108.5	92.3	73.9	55.4	39.2	27.7	20.8	13.9
-77.5°	131.6	122.4	110.8	99.3	83.1	64.6	48.5	36.9	25.4	18.5	11.5
-80°	129.3	117.7	103.9	85.4	69.3	55.4	41.6	32.3	23.1	16.2	9.2
-82.5°	108.5	92.3	78.5	64.6	53.1	43.9	34.6	25.4	18.5	11.5	6.9
-85°	66.9	57.7	50.8	43.9	36.9	30.0	23.1	16.2	11.5	6.9	4.6
-87.5°	32.3	30.0	25.4	20.8	18.5	13.9	11.5	9.2	6.9	4.6	2.3
-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: P723793

CATALOG NUMBER: IFLD-M-SA4A-760-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°	2.3	0.0	0.0	0.0
80°	2.3	0.0	0.0	0.0
77.5°	2.3	0.0	0.0	0.0
75°	2.3	2.3	0.0	0.0
72.5°	2.3	2.3	0.0	0.0
70°	4.6	2.3	2.3	0.0
67.5°	4.6	2.3	2.3	0.0
65°	4.6	2.3	2.3	0.0
62.5°	4.6	2.3	2.3	0.0
60°	4.6	2.3	2.3	0.0
57.5°	4.6	2.3	2.3	0.0
55°	4.6	2.3	2.3	0.0
52.5°	4.6	2.3	2.3	0.0
50°	4.6	2.3	2.3	0.0
47.5°	4.6	4.6	2.3	0.0
45°	4.6	4.6	2.3	0.0
42.5°	4.6	4.6	2.3	0.0
40°	4.6	4.6	2.3	0.0
37.5°	4.6	4.6	2.3	0.0
35°	4.6	4.6	2.3	0.0
32.5°	6.9	4.6	2.3	0.0
30°	6.9	4.6	4.6	0.0
27.5°	6.9	4.6	4.6	0.0
25°	6.9	4.6	4.6	0.0
22.5°	6.9	4.6	4.6	0.0
20°	6.9	4.6	4.6	0.0
17.5°	6.9	4.6	4.6	0.0
15°	6.9	4.6	4.6	0.0
12.5°	6.9	4.6	4.6	0.0
10°	6.9	4.6	4.6	0.0
7.5°	6.9	4.6	4.6	0.0
5°	6.9	4.6	4.6	0.0
2.5°	6.9	4.6	4.6	0.0
0°	6.9	4.6	4.6	0.0
-2.5°	6.9	4.6	4.6	0.0
-5°	6.9	4.6	4.6	0.0
-7.5°	6.9	4.6	4.6	0.0
-10°	6.9	4.6	4.6	0.0
-12.5°	9.2	4.6	4.6	0.0
-15°	9.2	4.6	4.6	0.0
-17.5°	9.2	4.6	4.6	0.0
-20°	9.2	4.6	4.6	0.0

REPORT NUMBER: P723793

CATALOG NUMBER: IFLD-M-SA4A-760-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	9.2	4.6	4.6	0.0
-25°	9.2	4.6	4.6	0.0
-27.5°	9.2	4.6	4.6	0.0
-30°	9.2	4.6	4.6	0.0
-32.5°	9.2	4.6	4.6	0.0
-35°	9.2	4.6	4.6	0.0
-37.5°	9.2	4.6	4.6	0.0
-40°	9.2	4.6	4.6	0.0
-42.5°	6.9	4.6	2.3	0.0
-45°	9.2	4.6	2.3	0.0
-47.5°	9.2	4.6	2.3	0.0
-50°	9.2	4.6	2.3	0.0
-52.5°	9.2	4.6	2.3	0.0
-55°	9.2	4.6	2.3	0.0
-57.5°	9.2	4.6	2.3	0.0
-60°	9.2	4.6	2.3	0.0
-62.5°	9.2	4.6	2.3	0.0
-65°	9.2	4.6	2.3	0.0
-67.5°	9.2	4.6	2.3	0.0
-70°	9.2	2.3	2.3	0.0
-72.5°	6.9	2.3	2.3	0.0
-75°	6.9	2.3	2.3	0.0
-77.5°	4.6	2.3	0.0	0.0
-80°	4.6	2.3	0.0	0.0
-82.5°	4.6	2.3	0.0	0.0
-85°	2.3	0.0	0.0	0.0
-87.5°	2.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)