

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: P723649

Luminaire Tested: **IFLD-M-SA4B-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723649
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	10111.7 lumens	Max Intensity:	237891.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.9 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:	3666.9 lumens	Field Lumens:	5845.8 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

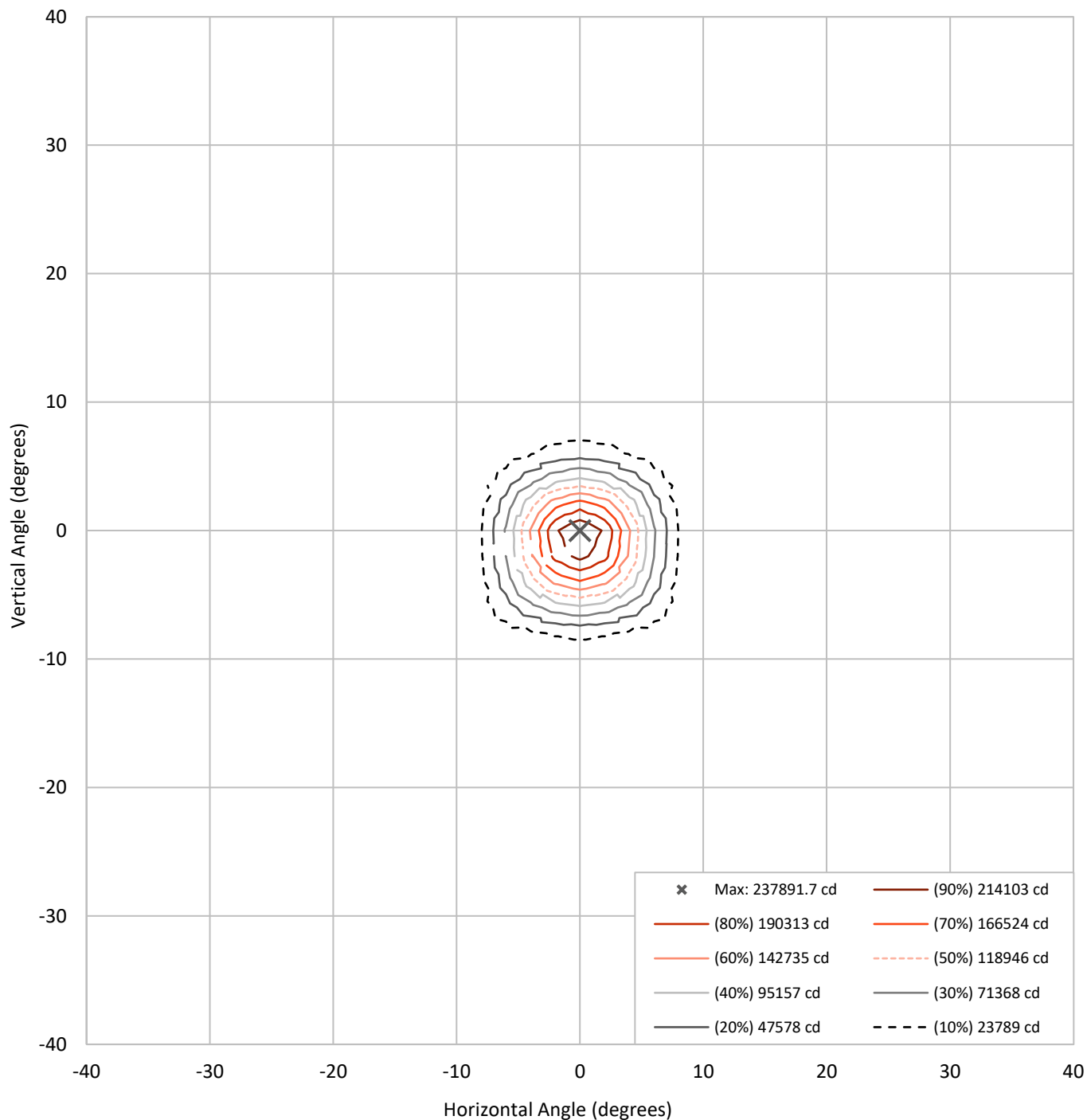
Input Watts (W): 166.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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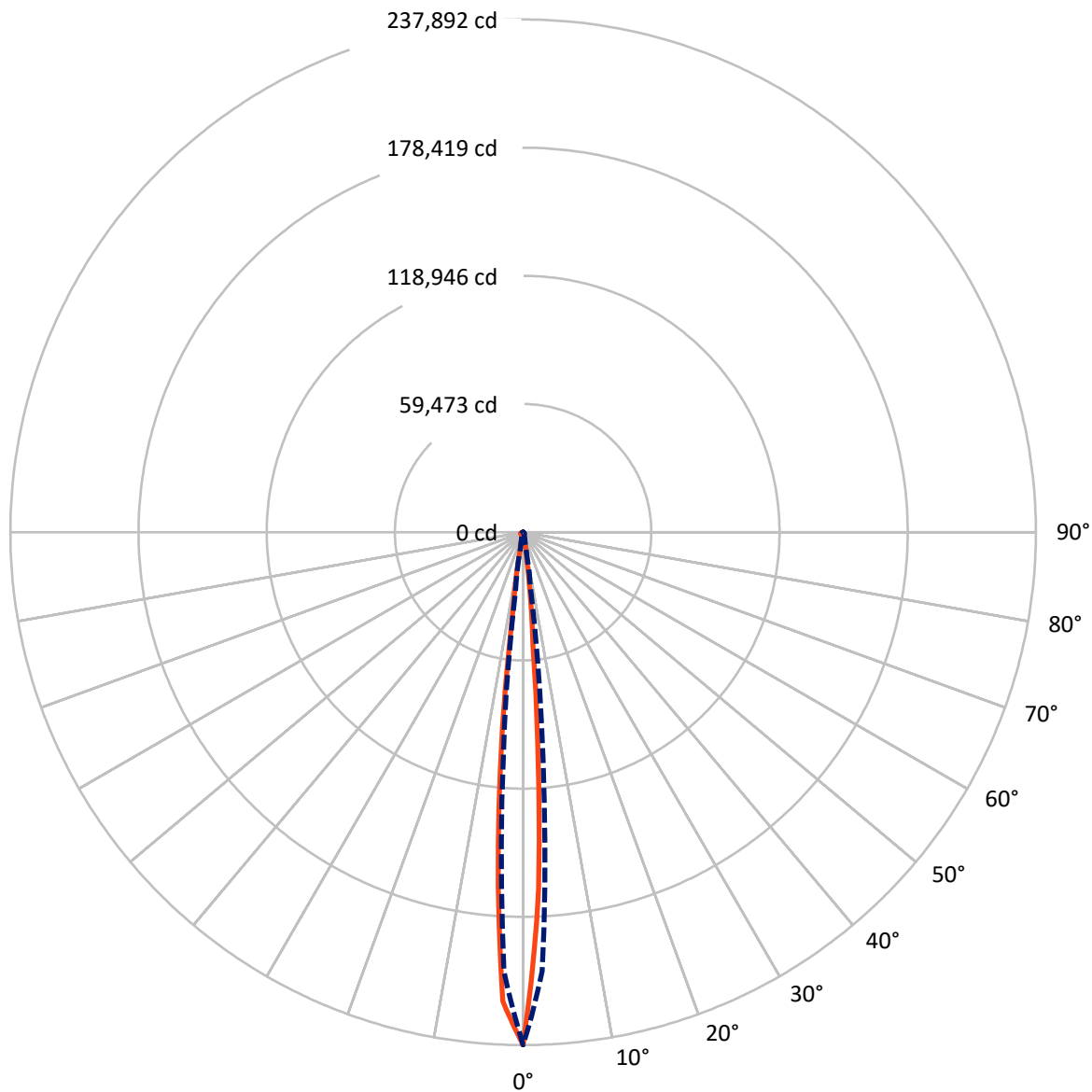
Lumen Table

Vertical Angle (degrees)																
	0.2	2.2		2.4		0.9		0.3		0.9		2.4		2.2		0.2
90																
80	0.2	2.2		2.4		0.9		0.3		0.9		2.4		2.2		0.2
70																
60	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
50		0.3	0.5	1.2	2.6	4.3	5.5	6.3	6.3	5.5	4.3	2.6	1.2	0.5	0.3	
40	0.3	0.3	1.4	4.6	9.1	13.3	16.0	17.7	17.7	16.0	13.3	9.1	4.6	1.4	0.3	0.3
30		0.7	3.5	9.5	15.4	18.1	19.5	20.2	20.2	19.5	18.1	15.4	9.5	3.5	0.7	
20	0.4	1.3	6.0	13.8	17.8	18.3	21.6	26.1	26.1	21.6	18.3	17.8	13.8	6.0	1.3	0.4
10		2.1	8.4	16.9	19.0	21.4	37.7	64.2	64.2	37.7	21.4	19.0	16.9	8.4	2.1	
0	0.7	2.7	10.3	18.6	19.7	26.5	71.6	1327.4	1327.4	71.6	26.5	19.7	18.6	10.3	2.7	0.7
-10		3.1	11.3	19.5	20.4	27.3	77.2	1935.5	1935.5	77.2	27.3	20.4	19.5	11.3	3.1	
-20	1.0	3.3	11.6	20.6	22.1	24.7	44.9	86.1	86.1	44.9	24.7	22.1	20.6	11.6	3.3	1.0
-30		3.1	11.0	20.8	24.8	24.9	29.1	35.4	35.4	29.1	24.9	24.8	20.8	11.0	3.1	
-40	1.1	2.8	9.7	19.9	27.3	29.7	31.0	31.2	31.2	31.0	29.7	27.3	19.9	9.7	2.8	1.1
-50		2.5	7.8	16.9	26.3	32.0	35.9	37.6	37.6	35.9	32.0	26.3	16.9	7.8	2.5	
-60	0.8	2.2	6.0	13.1	22.4	30.1	35.0	37.0	37.0	35.0	30.1	22.4	13.1	6.0	2.2	0.8
-70		2.1	5.3	10.7	18.7	26.4	31.9	34.5	34.5	31.9	26.4	18.7	10.7	5.3	2.1	
-80	0.4	6.3		18.6		34.5		38.1		34.5		18.6		6.3		0.4
-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



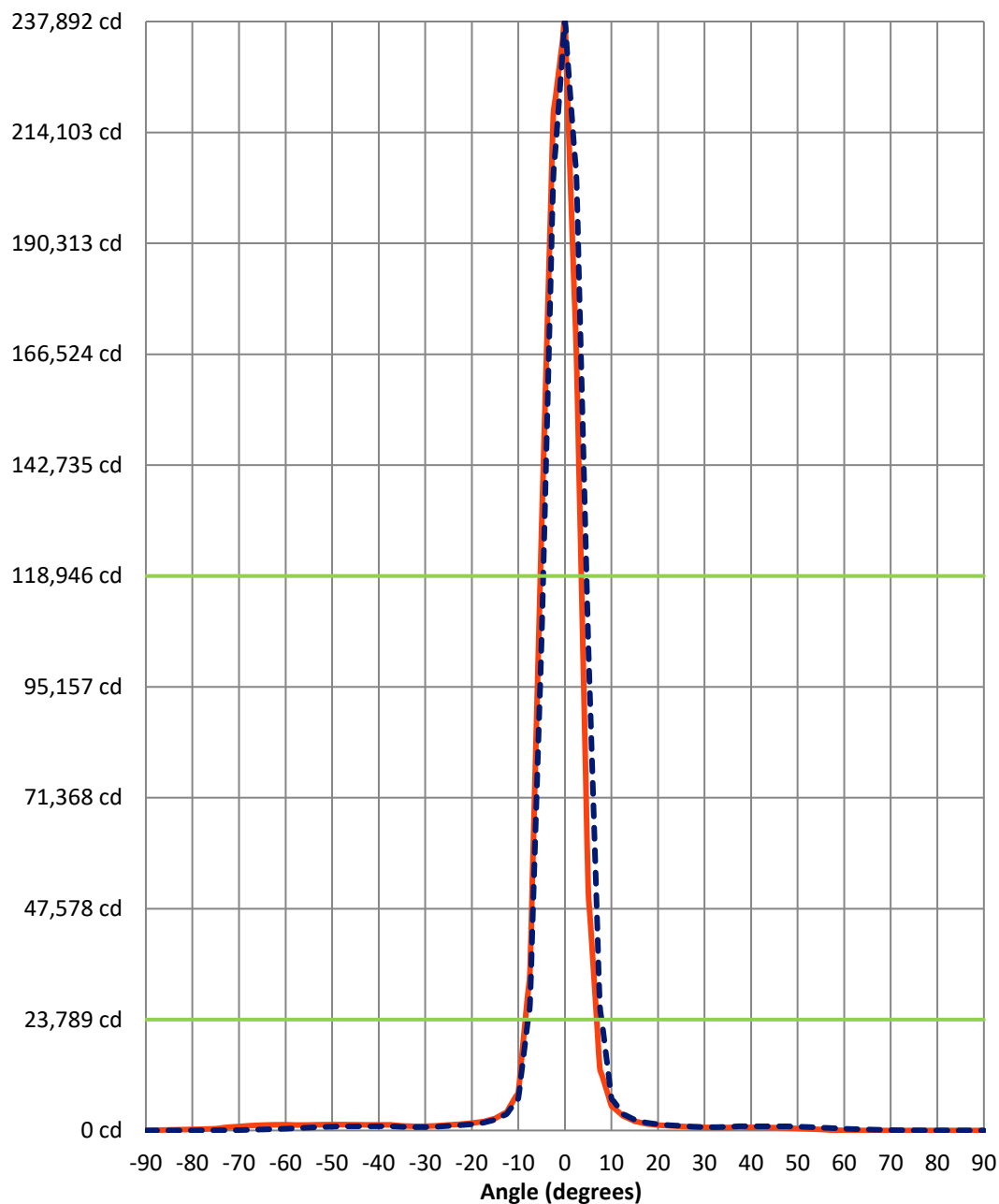
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 3666.9

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 5845.8

Efficiency: 57.8%

Spill:

Lumens: 4265.9

Efficiency: 42.2%

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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	2.3	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	4.7	4.7	4.7	7.0	9.3	11.7	11.7	14.0
82.5°	0.0	2.3	2.3	4.7	4.7	7.0	7.0	11.7	14.0	16.3	21.0
80°	2.3	2.3	2.3	4.7	4.7	7.0	7.0	9.3	11.7	16.3	18.7
77.5°	0.0	2.3	2.3	2.3	4.7	4.7	4.7	7.0	9.3	11.7	14.0
75°	0.0	2.3	2.3	2.3	4.7	4.7	4.7	4.7	7.0	7.0	9.3
72.5°	0.0	0.0	0.0	2.3	2.3	4.7	4.7	4.7	7.0	7.0	7.0
70°	0.0	0.0	0.0	2.3	2.3	4.7	4.7	4.7	7.0	7.0	7.0
67.5°	0.0	0.0	0.0	2.3	2.3	4.7	4.7	4.7	7.0	7.0	7.0
65°	0.0	0.0	0.0	2.3	2.3	4.7	4.7	7.0	7.0	7.0	7.0
62.5°	2.3	2.3	2.3	4.7	7.0	7.0	9.3	11.7	11.7	11.7	11.7
60°	23.3	25.7	28.0	28.0	25.7	25.7	28.0	28.0	28.0	28.0	28.0
57.5°	63.0	67.7	70.0	70.0	70.0	67.7	77.0	79.4	70.0	65.4	72.4
55°	219.4	226.4	221.8	214.8	200.7	184.4	179.7	177.4	179.7	168.1	149.4
52.5°	319.8	326.8	324.5	319.8	310.5	298.8	289.4	280.1	270.8	252.1	231.1
50°	415.5	417.8	415.5	410.8	401.5	389.8	371.1	350.1	331.5	326.8	308.1
47.5°	522.9	529.9	529.9	527.5	520.5	499.5	471.5	441.2	427.2	422.5	403.8
45°	618.6	623.2	625.6	627.9	625.6	604.6	578.9	562.6	532.2	522.9	522.9
42.5°	644.3	646.6	648.9	651.3	658.3	641.9	620.9	592.9	585.9	583.6	578.9
40°	653.6	648.9	651.3	653.6	655.9	644.3	627.9	611.6	606.9	602.2	602.2
37.5°	742.3	721.3	704.9	690.9	679.3	667.6	651.3	637.2	625.6	616.2	625.6
35°	632.6	632.6	648.9	662.9	676.9	690.9	693.3	676.9	651.3	639.6	655.9
32.5°	646.6	646.6	646.6	651.3	655.9	667.6	679.3	686.3	704.9	683.9	683.9
30°	660.6	662.9	667.6	669.9	662.9	658.3	653.6	653.6	665.3	695.6	711.9
27.5°	742.3	742.3	735.3	725.9	704.9	672.3	655.9	632.6	634.9	648.9	688.6
25°	875.3	870.7	854.3	831.0	793.6	747.0	702.6	653.6	632.6	625.6	641.9
22.5°	1001.4	994.4	973.4	952.4	922.0	875.3	800.6	725.9	660.6	632.6	625.6
20°	1162.5	1146.1	1122.8	1090.1	1041.1	994.4	929.0	831.0	735.3	662.9	634.9
17.5°	1421.6	1400.5	1356.2	1297.8	1213.8	1141.4	1048.1	954.7	847.3	730.6	667.6
15°	1988.8	1935.1	1858.1	1697.0	1531.3	1393.5	1253.5	1097.1	987.4	833.3	737.6
12.5°	3127.9	2980.8	2756.7	2380.9	2009.8	1690.0	1463.6	1262.8	1085.4	943.0	807.6
10°	5294.1	4978.9	4360.4	3333.3	2649.4	2061.1	1655.0	1386.5	1162.5	1015.4	866.0
7.5°	13389.2	10921.9	7728.7	5277.7	3466.3	2518.6	1893.1	1503.3	1244.1	1062.1	912.7
5°	52184.3	42987.4	22931.6	9570.4	5214.7	3046.2	2107.8	1596.6	1297.8	1097.1	947.7
2.5°	165616.6	143021.2	75036.5	20602.0	6402.8	3431.3	2254.9	1655.0	1328.2	1122.8	973.4
0°	237891.7	203881.8	105309.2	27095.9	6944.4	3529.4	2301.6	1666.6	1332.9	1127.4	973.4
-2.5°	217630.5	190469.3	101728.5	25214.5	7096.1	3557.4	2338.9	1706.3	1367.9	1148.4	980.4
-5°	129314.5	113427.7	70963.2	17978.3	6304.8	3302.9	2240.9	1671.3	1344.5	1136.8	975.7
-7.5°	34070.6	29495.5	19402.2	9381.3	4080.3	2794.1	2058.8	1613.0	1314.2	1115.8	957.0
-10°	8214.2	7784.7	6953.7	4262.3	3176.9	2334.2	1825.4	1507.9	1253.5	1087.8	926.7
-12.5°	3961.2	3867.8	3510.7	2894.5	2357.6	1939.8	1652.6	1398.2	1197.5	1038.7	884.7
-15°	2577.0	2523.3	2401.9	2166.2	1893.1	1692.3	1491.6	1286.2	1127.4	966.4	849.7
-17.5°	1907.1	1904.7	1844.0	1755.3	1620.0	1470.6	1323.5	1192.8	1038.7	901.0	812.3
-20°	1580.3	1580.3	1545.3	1486.9	1391.2	1293.2	1195.1	1073.8	947.7	845.0	807.6



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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°	1342.2	1344.5	1325.8	1288.5	1237.1	1155.4	1059.7	961.7	870.7	833.3	821.7
-25°	1188.1	1183.5	1162.5	1127.4	1073.8	1008.4	945.4	880.0	854.3	845.0	861.3
-27.5°	1006.1	1013.1	1003.7	987.4	952.4	905.7	891.7	873.0	877.7	891.7	954.7
-30°	898.7	905.7	915.0	922.0	910.4	898.7	903.4	917.4	947.7	1001.4	1024.7
-32.5°	898.7	901.0	915.0	929.0	936.0	945.4	971.0	1017.7	1062.1	1048.1	1043.4
-35°	980.4	973.4	992.1	1010.7	1036.4	1069.1	1097.1	1087.8	1071.4	1066.7	1071.4
-37.5°	1213.8	1169.5	1150.8	1139.1	1132.1	1127.4	1120.4	1113.4	1106.4	1101.8	1108.8
-40°	1211.5	1199.8	1188.1	1178.8	1171.8	1162.5	1157.8	1155.4	1148.4	1143.8	1139.1
-42.5°	1206.8	1211.5	1211.5	1209.1	1211.5	1209.1	1202.1	1192.8	1181.1	1171.8	1162.5
-45°	1241.8	1244.1	1248.8	1253.5	1260.5	1251.2	1237.1	1220.8	1204.5	1190.5	1178.8
-47.5°	1262.8	1265.2	1269.8	1276.8	1281.5	1272.2	1253.5	1232.5	1206.8	1183.5	1160.1
-50°	1269.8	1276.8	1279.2	1279.2	1276.8	1265.2	1237.1	1206.8	1178.8	1155.4	1134.4
-52.5°	1237.1	1244.1	1246.5	1241.8	1239.5	1227.8	1202.1	1174.1	1143.8	1127.4	1108.8
-55°	1183.5	1192.8	1199.8	1199.8	1199.8	1197.5	1174.1	1148.4	1125.1	1106.4	1087.8
-57.5°	1162.5	1178.8	1192.8	1195.1	1197.5	1199.8	1183.5	1157.8	1129.8	1101.8	1078.4
-60°	1239.5	1253.5	1260.5	1251.2	1244.1	1237.1	1211.5	1181.1	1153.1	1125.1	1080.8
-62.5°	1218.5	1241.8	1253.5	1246.5	1237.1	1225.5	1197.5	1162.5	1129.8	1099.4	1055.1
-65°	1150.8	1171.8	1185.8	1174.1	1160.1	1143.8	1118.1	1085.4	1055.1	1024.7	985.0
-67.5°	1036.4	1066.7	1090.1	1064.4	1045.7	1024.7	1003.7	975.7	945.4	910.4	873.0
-70°	856.7	880.0	901.0	894.0	889.3	884.7	870.7	842.7	817.0	789.0	756.3
-72.5°	688.6	709.6	728.3	716.6	707.3	693.3	672.3	641.9	611.6	581.2	550.9
-75°	380.5	387.5	394.5	392.2	392.2	392.2	392.2	394.5	389.8	382.8	368.8
-77.5°	291.8	301.1	308.1	312.8	319.8	329.1	336.1	324.5	312.8	301.1	287.1
-80°	228.8	238.1	245.1	270.8	289.4	310.5	324.5	308.1	291.8	277.8	266.1
-82.5°	172.7	179.7	186.7	200.7	210.1	221.8	231.1	231.1	228.8	226.4	219.4
-85°	126.0	135.4	144.7	149.4	156.4	156.4	158.7	149.4	140.1	133.1	123.7
-87.5°	72.4	74.7	74.7	74.7	77.0	77.0	77.0	72.4	70.0	65.4	63.0
-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°	2.3	2.3	2.3	4.7	4.7	7.0	7.0	9.3	9.3	11.7	11.7
85°	14.0	14.0	14.0	16.3	16.3	18.7	21.0	23.3	25.7	25.7	28.0
82.5°	23.3	25.7	28.0	30.3	32.7	35.0	37.3	39.7	46.7	51.4	53.7
80°	23.3	25.7	32.7	37.3	42.0	46.7	46.7	46.7	46.7	49.0	53.7
77.5°	16.3	18.7	21.0	25.7	37.3	46.7	53.7	58.4	53.7	51.4	46.7
75°	9.3	11.7	14.0	16.3	23.3	32.7	44.4	56.0	65.4	63.0	58.4
72.5°	9.3	9.3	11.7	14.0	16.3	18.7	21.0	32.7	46.7	58.4	65.4
70°	9.3	11.7	11.7	14.0	16.3	18.7	21.0	25.7	32.7	46.7	60.7
67.5°	9.3	11.7	11.7	16.3	21.0	23.3	25.7	23.3	21.0	30.3	44.4
65°	9.3	9.3	11.7	14.0	16.3	18.7	25.7	25.7	23.3	23.3	23.3
62.5°	14.0	14.0	14.0	14.0	16.3	16.3	16.3	21.0	21.0	21.0	21.0
60°	28.0	25.7	25.7	25.7	25.7	21.0	21.0	21.0	18.7	21.0	18.7
57.5°	67.7	56.0	51.4	51.4	44.4	42.0	35.0	25.7	25.7	21.0	21.0
55°	137.7	130.7	109.7	91.0	81.7	72.4	56.0	46.7	35.0	28.0	25.7
52.5°	212.4	193.7	175.1	151.7	128.4	109.7	93.4	72.4	58.4	42.0	32.7
50°	277.8	261.4	240.4	214.8	184.4	161.1	137.7	109.7	86.4	65.4	46.7
47.5°	378.1	345.5	319.8	289.4	254.4	221.8	191.4	158.7	121.4	95.7	72.4
45°	485.5	438.8	403.8	375.8	329.1	284.8	249.8	214.8	170.4	126.0	98.0
42.5°	560.2	525.2	478.5	441.2	399.2	352.5	305.8	268.4	221.8	170.4	126.0
40°	599.9	576.6	539.2	506.5	462.2	410.8	361.8	324.5	275.4	219.4	158.7
37.5°	630.2	618.6	599.9	574.2	532.2	471.5	422.5	378.1	336.1	270.8	205.4
35°	665.3	662.9	651.3	639.6	604.6	546.2	487.9	436.5	385.1	324.5	252.1
32.5°	697.9	695.6	688.6	683.9	669.9	618.6	555.5	497.2	438.8	375.8	296.4
30°	714.3	709.6	709.6	714.3	700.3	667.6	620.9	557.9	492.5	417.8	343.1
27.5°	714.3	709.6	711.9	718.9	716.6	700.3	665.3	613.9	541.5	457.5	385.1
25°	683.9	707.3	707.3	716.6	718.9	714.3	695.6	662.9	588.2	499.5	417.8
22.5°	641.9	697.9	718.9	716.6	718.9	730.6	733.0	702.6	632.6	541.5	450.5
20°	641.9	681.6	742.3	725.9	730.6	756.3	768.0	742.3	679.3	581.2	483.2
17.5°	655.9	681.6	733.0	758.6	765.6	786.6	805.3	789.0	721.3	623.2	527.5
15°	695.6	690.9	725.9	789.0	800.6	817.0	838.0	819.3	758.6	669.9	569.6
12.5°	723.6	697.9	725.9	793.6	831.0	847.3	854.3	840.3	791.3	711.9	611.6
10°	761.0	716.6	730.6	789.0	842.7	854.3	861.3	856.7	821.7	747.0	648.9
7.5°	789.0	725.9	725.9	782.0	854.3	863.7	868.3	873.0	847.3	777.3	681.6
5°	800.6	725.9	721.3	775.0	866.0	875.3	875.3	882.3	866.0	800.6	704.9
2.5°	803.0	723.6	716.6	770.3	887.0	887.0	882.3	889.3	880.0	814.6	721.3
0°	814.6	721.3	714.3	777.3	910.4	901.0	889.3	891.7	887.0	821.7	730.6
-2.5°	814.6	733.0	723.6	782.0	908.0	905.7	901.0	903.4	898.7	842.7	749.3
-5°	826.3	749.3	740.0	803.0	905.7	912.7	915.0	915.0	908.0	856.7	761.0
-7.5°	828.7	761.0	758.6	824.0	910.4	922.0	929.0	933.7	919.7	866.0	770.3
-10°	817.0	765.6	777.3	849.7	915.0	931.4	945.4	952.4	929.0	870.7	775.0
-12.5°	791.3	765.6	796.0	882.3	926.7	945.4	966.4	968.7	938.4	873.0	777.3
-15°	789.0	784.3	828.7	915.0	933.7	957.0	989.7	982.7	945.4	873.0	777.3
-17.5°	786.6	810.0	877.7	926.7	945.4	971.0	996.7	989.7	950.0	873.0	772.6
-20°	807.6	852.0	936.0	938.4	959.4	987.4	1001.4	987.4	943.0	866.0	765.6

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	842.7	926.7	954.7	964.0	982.7	1003.7	1010.7	989.7	936.0	854.3	754.0
-25°	931.4	973.4	973.4	994.4	1013.1	1022.4	1015.4	992.1	926.7	842.7	742.3
-27.5°	999.1	996.7	1008.4	1029.4	1045.7	1045.7	1027.1	980.4	912.7	831.0	725.9
-30°	1024.7	1027.1	1043.4	1066.7	1071.4	1059.7	1031.7	971.0	901.0	812.3	704.9
-32.5°	1050.4	1059.7	1080.8	1092.4	1094.8	1071.4	1020.1	954.7	882.3	791.3	681.6
-35°	1080.8	1099.4	1111.1	1113.4	1101.8	1062.1	1003.7	933.7	854.3	761.0	660.6
-37.5°	1120.4	1129.8	1136.8	1127.4	1094.8	1048.1	975.7	905.7	828.7	728.3	630.2
-40°	1146.1	1150.8	1153.1	1122.8	1083.1	1015.4	945.4	873.0	784.3	690.9	597.6
-42.5°	1162.5	1157.8	1139.1	1106.4	1048.1	982.7	915.0	833.3	744.6	653.6	562.6
-45°	1157.8	1141.4	1113.4	1073.8	1013.1	947.7	868.3	786.6	702.6	613.9	522.9
-47.5°	1139.1	1113.4	1078.4	1031.7	975.7	896.3	817.0	737.6	655.9	569.6	485.5
-50°	1115.8	1085.4	1043.4	985.0	910.4	838.0	765.6	688.6	604.6	525.2	450.5
-52.5°	1090.1	1057.4	1003.7	938.4	856.7	782.0	711.9	637.2	560.2	485.5	420.2
-55°	1062.1	1029.4	968.7	894.0	812.3	730.6	662.9	599.9	525.2	452.8	394.5
-57.5°	1048.1	1006.1	943.0	868.3	782.0	697.9	639.6	571.9	504.2	429.5	373.5
-60°	1036.4	994.4	936.0	849.7	768.0	688.6	620.9	555.5	483.2	413.2	357.1
-62.5°	1003.7	959.4	905.7	821.7	742.3	669.9	609.2	532.2	462.2	396.8	345.5
-65°	938.4	891.7	845.0	770.3	697.9	630.2	569.6	499.5	434.2	378.1	333.8
-67.5°	835.7	796.0	754.0	690.9	630.2	569.6	513.5	452.8	399.2	359.5	336.1
-70°	721.3	679.3	637.2	585.9	534.5	485.5	441.2	396.8	361.8	340.8	322.1
-72.5°	525.2	506.5	485.5	445.8	403.8	373.5	352.5	333.8	308.1	289.4	277.8
-75°	350.1	324.5	291.8	277.8	280.1	275.4	263.8	249.8	238.1	231.1	214.8
-77.5°	273.1	259.1	242.8	226.4	219.4	212.4	203.1	191.4	182.1	165.7	142.4
-80°	252.1	240.4	228.8	217.1	205.4	189.1	170.4	151.7	142.4	135.4	133.1
-82.5°	207.7	193.7	179.7	168.1	151.7	140.1	128.4	119.0	119.0	116.7	114.4
-85°	119.0	114.4	107.4	102.7	98.0	91.0	84.0	79.4	77.0	74.7	72.4
-87.5°	60.7	58.4	53.7	51.4	49.0	46.7	42.0	39.7	37.3	37.3	35.0
-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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CATALOG NUMBER: IFLD-M-SA4B-727-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°	11.7	11.7	9.3	9.3	9.3	7.0	4.7	4.7	2.3	2.3	0.0
85°	28.0	23.3	21.0	18.7	18.7	14.0	9.3	7.0	4.7	2.3	2.3
82.5°	53.7	46.7	39.7	35.0	28.0	21.0	16.3	11.7	7.0	4.7	2.3
80°	60.7	60.7	58.4	49.0	39.7	30.3	21.0	14.0	9.3	7.0	4.7
77.5°	46.7	51.4	51.4	51.4	49.0	37.3	25.7	16.3	9.3	7.0	4.7
75°	53.7	46.7	44.4	46.7	44.4	37.3	30.3	18.7	11.7	9.3	4.7
72.5°	65.4	56.0	49.0	46.7	42.0	35.0	28.0	21.0	11.7	9.3	7.0
70°	60.7	58.4	53.7	49.0	42.0	35.0	28.0	21.0	14.0	9.3	7.0
67.5°	53.7	53.7	53.7	49.0	42.0	32.7	25.7	18.7	14.0	9.3	7.0
65°	37.3	44.4	49.0	46.7	42.0	32.7	25.7	18.7	14.0	11.7	7.0
62.5°	23.3	30.3	39.7	44.4	39.7	32.7	23.3	18.7	14.0	11.7	7.0
60°	21.0	23.3	28.0	35.0	37.3	30.3	23.3	16.3	14.0	11.7	7.0
57.5°	21.0	21.0	23.3	28.0	30.3	28.0	21.0	14.0	14.0	11.7	9.3
55°	23.3	21.0	21.0	23.3	25.7	25.7	21.0	14.0	14.0	11.7	9.3
52.5°	28.0	23.3	21.0	21.0	21.0	23.3	18.7	14.0	14.0	11.7	9.3
50°	35.0	28.0	25.7	21.0	21.0	21.0	18.7	14.0	11.7	11.7	9.3
47.5°	46.7	37.3	28.0	25.7	21.0	18.7	16.3	14.0	11.7	11.7	9.3
45°	70.0	44.4	37.3	28.0	23.3	21.0	18.7	14.0	11.7	11.7	9.3
42.5°	95.7	65.4	46.7	32.7	25.7	21.0	18.7	16.3	11.7	11.7	9.3
40°	121.4	88.7	58.4	42.0	30.3	23.3	18.7	16.3	14.0	11.7	9.3
37.5°	149.4	109.7	77.0	53.7	35.0	25.7	21.0	16.3	14.0	11.7	9.3
35°	184.4	137.7	95.7	65.4	42.0	30.3	23.3	16.3	14.0	11.7	9.3
32.5°	224.1	163.4	114.4	79.4	53.7	37.3	25.7	18.7	14.0	11.7	9.3
30°	261.4	193.7	135.4	95.7	65.4	42.0	28.0	18.7	14.0	11.7	7.0
27.5°	298.8	224.1	161.1	112.0	79.4	49.0	30.3	21.0	14.0	11.7	9.3
25°	336.1	254.4	186.7	128.4	91.0	58.4	37.3	23.3	14.0	11.7	9.3
22.5°	368.8	284.8	210.1	147.1	105.0	67.7	42.0	25.7	16.3	11.7	9.3
20°	406.2	317.5	235.8	168.1	116.7	77.0	46.7	28.0	16.3	11.7	9.3
17.5°	441.2	350.1	261.4	186.7	130.7	86.4	53.7	30.3	18.7	11.7	9.3
15°	476.2	380.5	284.8	205.4	144.7	95.7	58.4	32.7	21.0	11.7	9.3
12.5°	508.9	408.5	305.8	221.8	156.4	105.0	63.0	35.0	23.3	11.7	9.3
10°	539.2	434.2	326.8	235.8	168.1	112.0	67.7	39.7	25.7	11.7	9.3
7.5°	569.6	455.2	343.1	249.8	182.1	121.4	72.4	42.0	28.0	14.0	9.3
5°	588.2	473.9	357.1	261.4	193.7	130.7	77.0	44.4	30.3	14.0	9.3
2.5°	604.6	487.9	366.5	273.1	205.4	137.7	77.0	46.7	32.7	14.0	9.3
0°	613.9	497.2	373.5	280.1	214.8	142.4	79.4	49.0	35.0	14.0	9.3
-2.5°	634.9	513.5	389.8	289.4	224.1	156.4	84.0	51.4	37.3	16.3	9.3
-5°	648.9	522.9	401.5	298.8	231.1	170.4	91.0	56.0	42.0	21.0	11.7
-7.5°	660.6	532.2	410.8	303.5	238.1	175.1	93.4	58.4	44.4	23.3	11.7
-10°	662.9	536.9	417.8	310.5	242.8	182.1	95.7	60.7	46.7	25.7	11.7
-12.5°	665.3	541.5	420.2	315.1	247.4	186.7	98.0	63.0	49.0	28.0	11.7
-15°	662.9	539.2	420.2	319.8	249.8	182.1	102.7	65.4	51.4	30.3	11.7
-17.5°	658.3	536.9	417.8	317.5	247.4	177.4	105.0	70.0	51.4	32.7	14.0
-20°	651.3	529.9	413.2	315.1	245.1	172.7	107.4	72.4	53.7	32.7	14.0

REPORT NUMBER: P723649

CATALOG NUMBER: IFLD-M-SA4B-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	639.6	518.2	403.8	308.1	240.4	168.1	107.4	77.0	56.0	32.7	14.0
-25°	625.6	506.5	394.5	298.8	233.4	161.1	107.4	79.4	58.4	32.7	14.0
-27.5°	609.2	494.9	380.5	291.8	224.1	156.4	107.4	81.7	60.7	32.7	14.0
-30°	590.6	478.5	368.8	280.1	217.1	156.4	109.7	84.0	63.0	32.7	14.0
-32.5°	571.9	462.2	354.8	270.8	207.7	154.1	109.7	86.4	65.4	30.3	16.3
-35°	550.9	443.5	343.1	263.8	200.7	149.4	112.0	86.4	63.0	30.3	16.3
-37.5°	525.2	420.2	331.5	256.8	196.1	144.7	112.0	88.7	60.7	30.3	16.3
-40°	497.2	401.5	317.5	247.4	189.1	142.4	112.0	88.7	58.4	30.3	18.7
-42.5°	466.8	380.5	303.5	238.1	182.1	140.1	112.0	88.7	56.0	30.3	18.7
-45°	438.8	359.5	287.1	226.4	175.1	140.1	112.0	86.4	51.4	32.7	18.7
-47.5°	408.5	336.1	268.4	214.8	172.7	137.7	109.7	81.7	46.7	32.7	18.7
-50°	382.8	312.8	254.4	203.1	168.1	140.1	112.0	74.7	46.7	32.7	18.7
-52.5°	357.1	296.4	238.1	198.4	163.4	142.4	109.7	70.0	46.7	32.7	18.7
-55°	336.1	280.1	228.8	191.4	168.1	147.1	105.0	63.0	46.7	32.7	18.7
-57.5°	319.8	270.8	221.8	193.7	175.1	142.4	98.0	60.7	46.7	30.3	18.7
-60°	308.1	261.4	224.1	203.1	177.4	135.4	93.4	60.7	46.7	30.3	16.3
-62.5°	298.8	263.8	235.8	210.1	168.1	126.0	88.7	60.7	42.0	28.0	16.3
-65°	301.1	273.1	240.4	200.7	161.1	116.7	81.7	58.4	39.7	25.7	16.3
-67.5°	308.1	266.1	226.4	189.1	144.7	105.0	74.7	53.7	37.3	25.7	16.3
-70°	284.8	245.1	205.4	161.1	123.7	91.0	70.0	49.0	32.7	23.3	16.3
-72.5°	256.8	205.4	163.4	130.7	105.0	84.0	63.0	44.4	30.3	21.0	14.0
-75°	186.7	149.4	121.4	109.7	93.4	74.7	56.0	39.7	28.0	21.0	14.0
-77.5°	133.1	123.7	112.0	100.4	84.0	65.4	49.0	37.3	25.7	18.7	11.7
-80°	130.7	119.0	105.0	86.4	70.0	56.0	42.0	32.7	23.3	16.3	9.3
-82.5°	109.7	93.4	79.4	65.4	53.7	44.4	35.0	25.7	18.7	11.7	7.0
-85°	67.7	58.4	51.4	44.4	37.3	30.3	23.3	16.3	11.7	7.0	4.7
-87.5°	32.7	30.3	25.7	21.0	18.7	14.0	11.7	9.3	7.0	4.7	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

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CATALOG NUMBER: IFLD-M-SA4B-727-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°	4.7	2.3	2.3	0.0
67.5°	4.7	2.3	2.3	0.0
65°	4.7	2.3	2.3	0.0
62.5°	4.7	2.3	2.3	0.0
60°	4.7	2.3	2.3	0.0
57.5°	4.7	2.3	2.3	0.0
55°	4.7	2.3	2.3	0.0
52.5°	4.7	2.3	2.3	0.0
50°	4.7	2.3	2.3	0.0
47.5°	4.7	4.7	2.3	0.0
45°	4.7	4.7	2.3	0.0
42.5°	4.7	4.7	2.3	0.0
40°	4.7	4.7	2.3	0.0
37.5°	4.7	4.7	2.3	0.0
35°	4.7	4.7	2.3	0.0
32.5°	7.0	4.7	2.3	0.0
30°	7.0	4.7	4.7	0.0
27.5°	7.0	4.7	4.7	0.0
25°	7.0	4.7	4.7	0.0
22.5°	7.0	4.7	4.7	0.0
20°	7.0	4.7	4.7	0.0
17.5°	7.0	4.7	4.7	0.0
15°	7.0	4.7	4.7	0.0
12.5°	7.0	4.7	4.7	0.0
10°	7.0	4.7	4.7	0.0
7.5°	7.0	4.7	4.7	0.0
5°	7.0	4.7	4.7	0.0
2.5°	7.0	4.7	4.7	0.0
0°	7.0	4.7	4.7	0.0
-2.5°	7.0	4.7	4.7	0.0
-5°	7.0	4.7	4.7	0.0
-7.5°	7.0	4.7	4.7	0.0
-10°	7.0	4.7	4.7	0.0
-12.5°	9.3	4.7	4.7	0.0
-15°	9.3	4.7	4.7	0.0
-17.5°	9.3	4.7	4.7	0.0
-20°	9.3	4.7	4.7	0.0

REPORT NUMBER: P723649

CATALOG NUMBER: IFLD-M-SA4B-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	9.3	4.7	4.7	0.0
-25°	9.3	4.7	4.7	0.0
-27.5°	9.3	4.7	4.7	0.0
-30°	9.3	4.7	4.7	0.0
-32.5°	9.3	4.7	4.7	0.0
-35°	9.3	4.7	4.7	0.0
-37.5°	9.3	4.7	4.7	0.0
-40°	9.3	4.7	4.7	0.0
-42.5°	7.0	4.7	2.3	0.0
-45°	9.3	4.7	2.3	0.0
-47.5°	9.3	4.7	2.3	0.0
-50°	9.3	4.7	2.3	0.0
-52.5°	9.3	4.7	2.3	0.0
-55°	9.3	4.7	2.3	0.0
-57.5°	9.3	4.7	2.3	0.0
-60°	9.3	4.7	2.3	0.0
-62.5°	9.3	4.7	2.3	0.0
-65°	9.3	4.7	2.3	0.0
-67.5°	9.3	4.7	2.3	0.0
-70°	9.3	2.3	2.3	0.0
-72.5°	7.0	2.3	2.3	0.0
-75°	7.0	2.3	2.3	0.0
-77.5°	4.7	2.3	0.0	0.0
-80°	4.7	2.3	0.0	0.0
-82.5°	4.7	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)