

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: P723823

Luminaire Tested: **IFLD-M-SA4B-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723823
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	8888.1 lumens	Max Intensity:	209104.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	53.5 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:	3223.2 lumens	Field Lumens:	5138.4 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

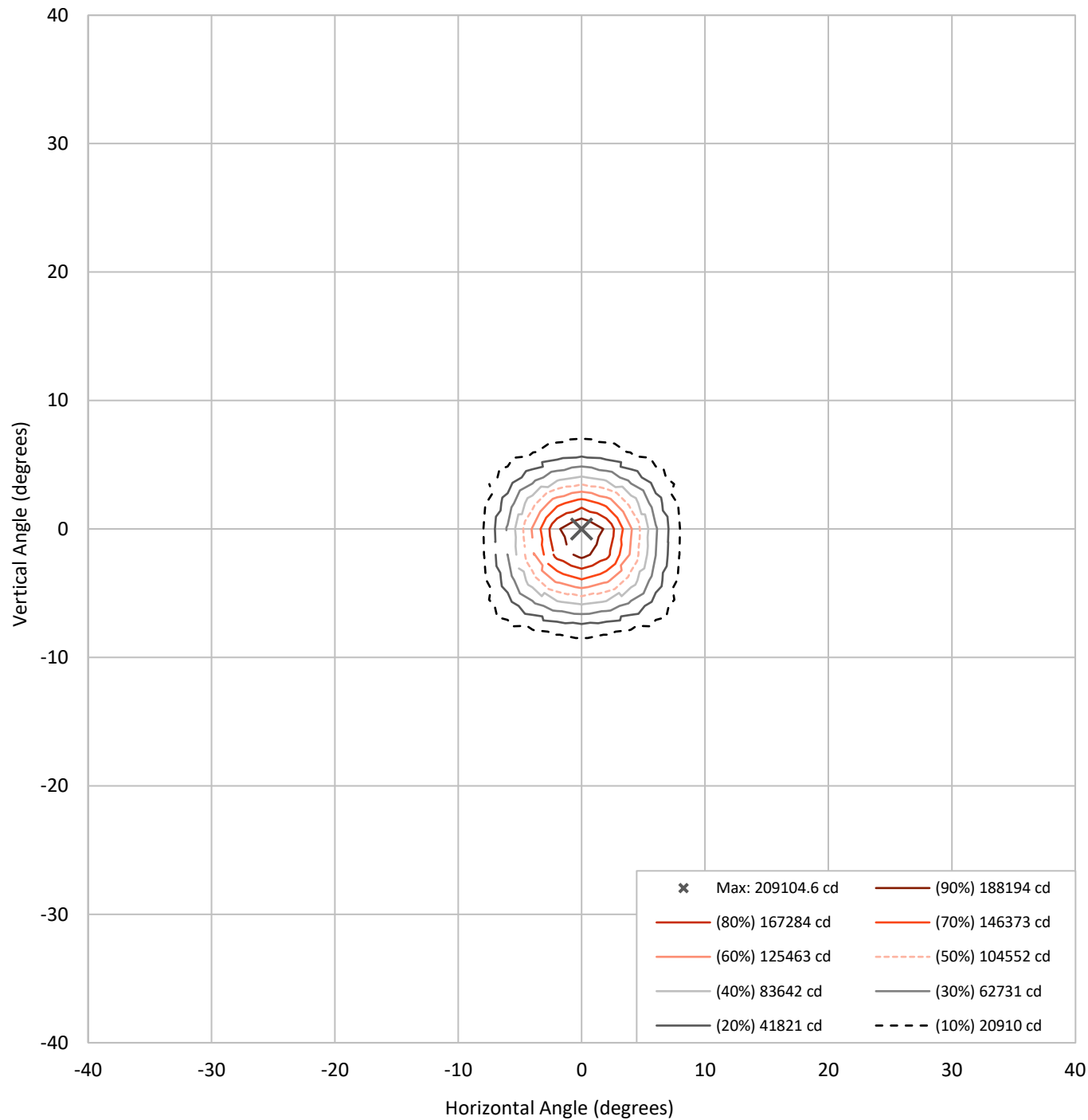
Input Watts (W): 166.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P723823
CATALOG NUMBER: IFLD-M-SA4B-827-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723823

CATALOG NUMBER: IFLD-M-SA4B-827-U-11-VI

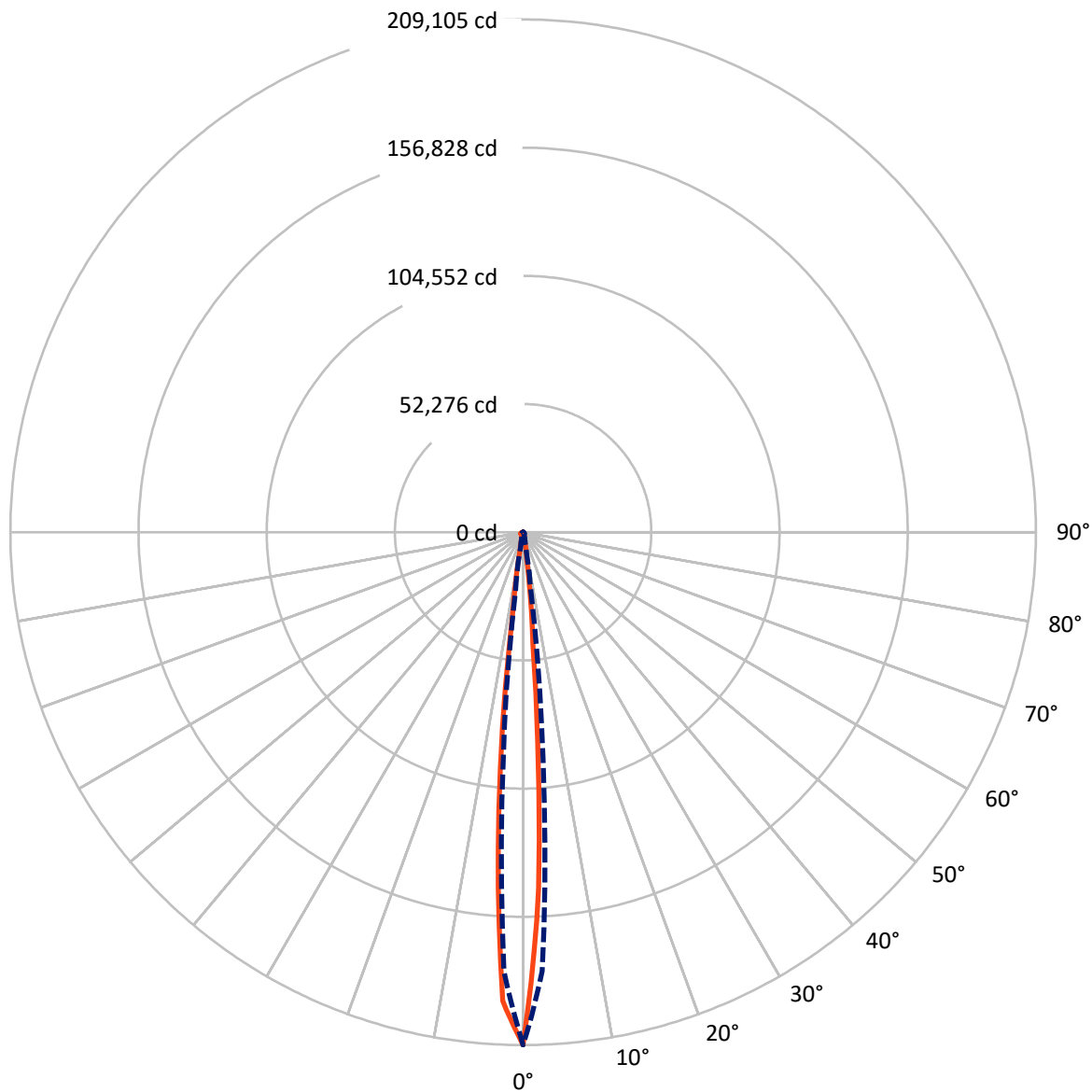
Lumen Table

Vertical Angle (degrees)																			
	0.1	2.0		2.2		0.8		0.2		0.8		2.2		2.0		0.1			
90																			
80																			
70	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			
60		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				
50	0.2	0.3	1.2	4.0	8.0	11.7	14.0	15.5	15.5	14.0	11.7	8.0	4.0	1.2	0.3	0.2			
40		0.6	3.1	8.3	13.5	15.9	17.1	17.7	17.7	17.1	15.9	13.5	8.3	3.1	0.6				
30	0.4	1.2	5.3	12.1	15.7	16.1	19.0	22.9	22.9	19.0	16.1	15.7	12.1	5.3	1.2	0.4			
20		1.8	7.4	14.9	16.7	18.8	33.1	56.4	56.4	33.1	18.8	16.7	14.9	7.4	1.8				
10	0.6	2.3	9.1	16.3	17.3	23.3	63.0	1166.8	1166.8	63.0	23.3	17.3	16.3	9.1	2.3	0.6			
0		2.7	9.9	17.2	18.0	24.0	67.8	1701.3	1701.3	67.8	24.0	18.0	17.2	9.9	2.7				
-10	0.9	2.9	10.2	18.1	19.4	21.7	39.4	75.7	75.7	39.4	21.7	19.4	18.1	10.2	2.9	0.9			
-20		2.8	9.7	18.3	21.8	21.8	25.5	31.2	31.2	25.5	21.8	21.8	18.3	9.7	2.8				
-30	0.9	2.5	8.5	17.5	24.0	26.1	27.2	27.4	27.4	27.2	26.1	24.0	17.5	8.5	2.5	0.9			
-40		2.2	6.9	14.8	23.1	28.1	31.5	33.1	33.1	31.5	28.1	23.1	14.8	6.9	2.2				
-50	0.7	2.0	5.3	11.5	19.7	26.5	30.8	32.6	32.6	30.8	26.5	19.7	11.5	5.3	2.0	0.7			
-60		1.8	4.7	9.4	16.5	23.2	28.0	30.3	30.3	28.0	23.2	16.5	9.4	4.7	1.8				
-70	0.3	5.5		16.4		30.3		33.5		30.3		16.4		5.5		0.3			
-80																			
-90																			
Horizontal Angle (degrees)																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P723823

CATALOG NUMBER: IFLD-M-SA4B-827-U-11-VI

Luminous Intensity Polar Plot



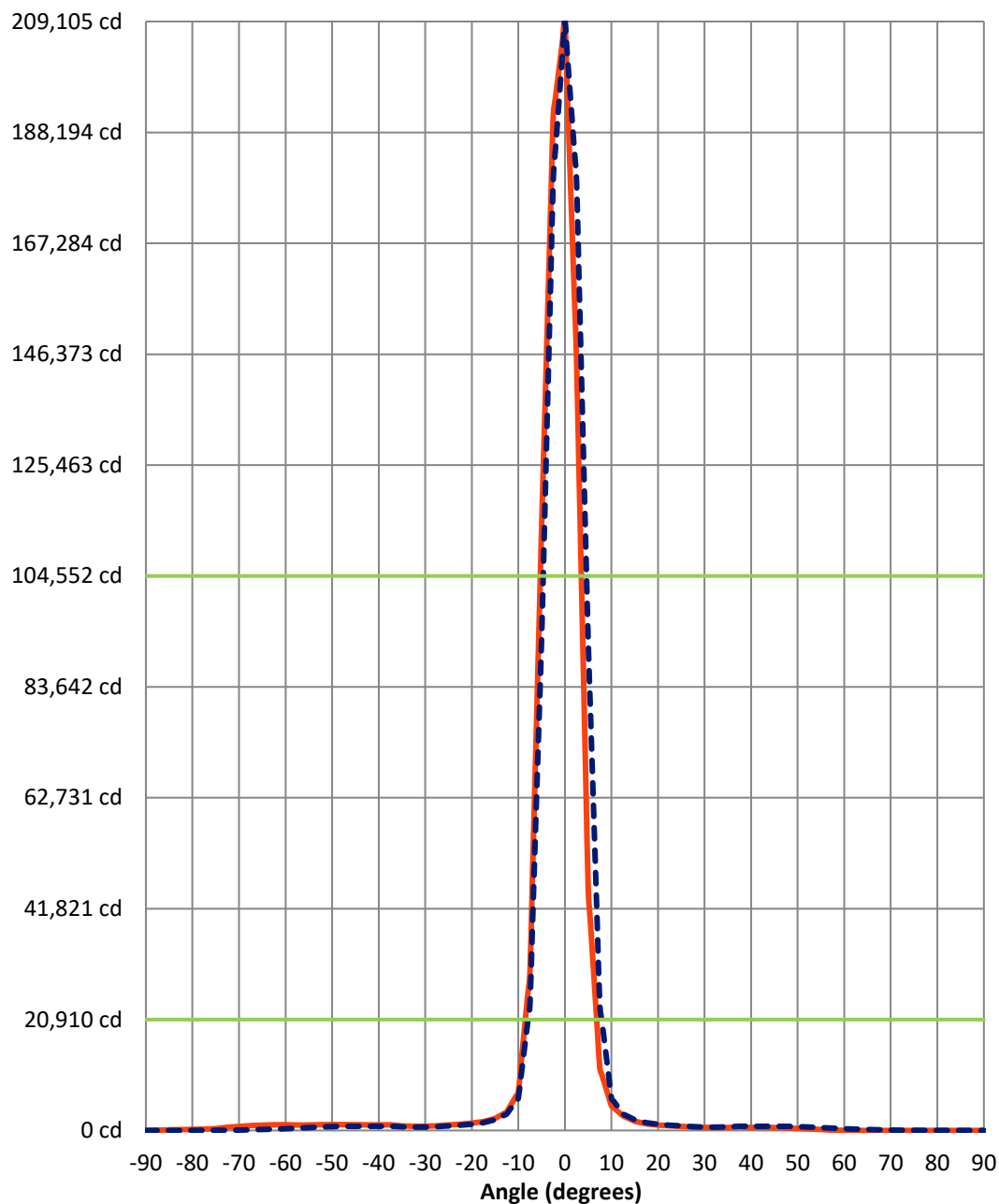
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723823

CATALOG NUMBER: IFLD-M-SA4B-827-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 3223.2

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 5138.4

Efficiency: 57.8%

Spill:

Lumens: 3749.7

Efficiency: 42.2%

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

REPORT NUMBER: P723823

CATALOG NUMBER: IFLD-M-SA4B-827-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	2.1	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°	20.5	22.6	24.6	24.6	22.6	22.6	24.6	24.6	24.6	24.6	24.6
57.5°	55.4	59.5	61.6	61.6	61.6	59.5	67.7	69.8	61.6	57.4	63.6
55°	192.9	199.0	194.9	188.8	176.5	162.1	158.0	155.9	158.0	147.7	131.3
52.5°	281.1	287.2	285.2	281.1	272.9	262.6	254.4	246.2	238.0	221.6	203.1
50°	365.2	367.3	365.2	361.1	352.9	342.6	326.2	307.8	291.4	287.2	270.8
47.5°	459.6	465.8	465.8	463.7	457.5	439.1	414.5	387.8	375.5	371.4	355.0
45°	543.7	547.8	549.9	551.9	549.9	531.4	508.8	494.5	467.8	459.6	459.6
42.5°	566.3	568.3	570.4	572.4	578.6	564.2	545.8	521.2	515.0	512.9	508.8
40°	574.5	570.4	572.4	574.5	576.5	566.3	551.9	537.6	533.5	529.4	529.4
37.5°	652.5	634.0	619.6	607.3	597.1	586.8	572.4	560.1	549.9	541.7	549.9
35°	556.0	556.0	570.4	582.7	595.0	607.3	609.4	595.0	572.4	562.2	576.5
32.5°	568.3	568.3	568.3	572.4	576.5	586.8	597.1	603.2	619.6	601.2	601.2
30°	580.7	582.7	586.8	588.9	582.7	578.6	574.5	574.5	584.8	611.4	625.8
27.5°	652.5	652.5	646.3	638.1	619.6	590.9	576.5	556.0	558.1	570.4	605.3
25°	769.4	765.3	750.9	730.4	697.6	656.6	617.6	574.5	556.0	549.9	564.2
22.5°	880.2	874.1	855.6	837.1	810.5	769.4	703.8	638.1	580.7	556.0	549.9
20°	1021.8	1007.4	986.9	958.2	915.1	874.1	816.6	730.4	646.3	582.7	558.1
17.5°	1249.5	1231.1	1192.1	1140.8	1066.9	1003.3	921.2	839.2	744.8	642.2	586.8
15°	1748.1	1700.9	1633.2	1491.6	1346.0	1224.9	1101.8	964.3	867.9	732.5	648.4
12.5°	2749.4	2620.1	2423.1	2092.8	1766.6	1485.5	1286.5	1110.0	954.1	828.9	709.9
10°	4653.4	4376.4	3832.7	2929.9	2328.8	1811.7	1454.7	1218.8	1021.8	892.5	761.2
7.5°	11769.0	9600.3	6793.4	4639.1	3046.9	2213.9	1664.0	1321.3	1093.6	933.6	802.2
5°	45869.5	37785.5	20156.6	8412.3	4583.7	2677.6	1852.8	1403.4	1140.8	964.3	833.0
2.5°	145575.5	125714.3	65956.4	18109.0	5628.0	3016.1	1982.0	1454.7	1167.5	986.9	855.6
0°	209104.6	179210.3	92565.8	23817.0	6104.0	3102.3	2023.1	1465.0	1171.6	991.0	855.6
-2.5°	191295.2	167420.8	89418.4	22163.3	6237.4	3126.9	2055.9	1499.8	1202.3	1009.5	861.7
-5°	113666.3	99701.9	62376.0	15802.8	5541.8	2903.3	1969.7	1469.1	1181.8	999.2	857.6
-7.5°	29947.7	25926.2	17054.4	8246.1	3586.5	2456.0	1809.7	1417.8	1155.1	980.7	841.2
-10°	7220.2	6842.7	6112.2	3746.5	2792.5	2051.8	1604.5	1325.4	1101.8	956.1	814.6
-12.5°	3481.9	3399.8	3085.9	2544.2	2072.3	1705.0	1452.7	1229.0	1052.6	913.0	777.6
-15°	2265.2	2218.0	2111.3	1904.0	1664.0	1487.5	1311.1	1130.5	991.0	849.4	746.8
-17.5°	1676.3	1674.2	1620.9	1542.9	1423.9	1292.6	1163.4	1048.5	913.0	792.0	714.0
-20°	1389.1	1389.1	1358.3	1307.0	1222.9	1136.7	1050.5	943.8	833.0	742.7	709.9

REPORT NUMBER: P723823

CATALOG NUMBER: IFLD-M-SA4B-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1179.8	1181.8	1165.4	1132.6	1087.4	1015.6	931.5	845.3	765.3	732.5	722.2
-25°	1044.4	1040.3	1021.8	991.0	943.8	886.4	831.0	773.5	750.9	742.7	757.1
-27.5°	884.3	890.5	882.3	867.9	837.1	796.1	783.8	767.4	771.5	783.8	839.2
-30°	789.9	796.1	804.3	810.5	800.2	789.9	794.0	806.3	833.0	880.2	900.7
-32.5°	789.9	792.0	804.3	816.6	822.8	831.0	853.5	894.6	933.6	921.2	917.1
-35°	861.7	855.6	872.0	888.4	911.0	939.7	964.3	956.1	941.8	937.7	941.8
-37.5°	1066.9	1027.9	1011.5	1001.3	995.1	991.0	984.9	978.7	972.5	968.4	974.6
-40°	1064.9	1054.6	1044.4	1036.1	1030.0	1021.8	1017.7	1015.6	1009.5	1005.4	1001.3
-42.5°	1060.8	1064.9	1064.9	1062.8	1064.9	1062.8	1056.7	1048.5	1038.2	1030.0	1021.8
-45°	1091.5	1093.6	1097.7	1101.8	1108.0	1099.8	1087.4	1073.1	1058.7	1046.4	1036.1
-47.5°	1110.0	1112.1	1116.2	1122.3	1126.4	1118.2	1101.8	1083.3	1060.8	1040.3	1019.7
-50°	1116.2	1122.3	1124.4	1124.4	1122.3	1112.1	1087.4	1060.8	1036.1	1015.6	997.2
-52.5°	1087.4	1093.6	1095.6	1091.5	1089.5	1079.2	1056.7	1032.0	1005.4	991.0	974.6
-55°	1040.3	1048.5	1054.6	1054.6	1054.6	1052.6	1032.0	1009.5	989.0	972.5	956.1
-57.5°	1021.8	1036.1	1048.5	1050.5	1052.6	1054.6	1040.3	1017.7	993.1	968.4	947.9
-60°	1089.5	1101.8	1108.0	1099.8	1093.6	1087.4	1064.9	1038.2	1013.6	989.0	950.0
-62.5°	1071.0	1091.5	1101.8	1095.6	1087.4	1077.2	1052.6	1021.8	993.1	966.4	927.4
-65°	1011.5	1030.0	1042.3	1032.0	1019.7	1005.4	982.8	954.1	927.4	900.7	865.8
-67.5°	911.0	937.7	958.2	935.6	919.2	900.7	882.3	857.6	831.0	800.2	767.4
-70°	753.0	773.5	792.0	785.8	781.7	777.6	765.3	740.7	718.1	693.5	664.8
-72.5°	605.3	623.7	640.2	629.9	621.7	609.4	590.9	564.2	537.6	510.9	484.2
-75°	334.4	340.6	346.8	344.7	344.7	344.7	344.7	346.8	342.6	336.5	324.2
-77.5°	256.5	264.7	270.8	274.9	281.1	289.3	295.5	285.2	274.9	264.7	252.4
-80°	201.1	209.3	215.4	238.0	254.4	272.9	285.2	270.8	256.5	244.2	233.9
-82.5°	151.8	158.0	164.1	176.5	184.7	194.9	203.1	203.1	201.1	199.0	192.9
-85°	110.8	119.0	127.2	131.3	137.5	137.5	139.5	131.3	123.1	117.0	108.7
-87.5°	63.6	65.7	65.7	65.7	67.7	67.7	67.7	63.6	61.6	57.4	55.4
-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: P723823

CATALOG NUMBER: IFLD-M-SA4B-827-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°	2.1	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	20.5	22.6	22.6	24.6
82.5°	20.5	22.6	24.6	26.7	28.7	30.8	32.8	34.9	41.0	45.1	47.2
80°	20.5	22.6	28.7	32.8	36.9	41.0	41.0	41.0	41.0	43.1	47.2
77.5°	14.4	16.4	18.5	22.6	32.8	41.0	47.2	51.3	47.2	45.1	41.0
75°	8.2	10.3	12.3	14.4	20.5	28.7	39.0	49.2	57.4	55.4	51.3
72.5°	8.2	8.2	10.3	12.3	14.4	16.4	18.5	28.7	41.0	51.3	57.4
70°	8.2	10.3	10.3	12.3	14.4	16.4	18.5	22.6	28.7	41.0	53.3
67.5°	8.2	10.3	10.3	14.4	18.5	20.5	22.6	20.5	18.5	26.7	39.0
65°	8.2	8.2	10.3	12.3	14.4	16.4	22.6	22.6	20.5	20.5	20.5
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°	24.6	22.6	22.6	22.6	22.6	18.5	18.5	18.5	16.4	18.5	16.4
57.5°	59.5	49.2	45.1	45.1	39.0	36.9	30.8	22.6	22.6	18.5	18.5
55°	121.1	114.9	96.4	80.0	71.8	63.6	49.2	41.0	30.8	24.6	22.6
52.5°	186.7	170.3	153.9	133.4	112.8	96.4	82.1	63.6	51.3	36.9	28.7
50°	244.2	229.8	211.3	188.8	162.1	141.6	121.1	96.4	75.9	57.4	41.0
47.5°	332.4	303.7	281.1	254.4	223.6	194.9	168.2	139.5	106.7	84.1	63.6
45°	426.8	385.7	355.0	330.3	289.3	250.3	219.5	188.8	149.8	110.8	86.2
42.5°	492.4	461.6	420.6	387.8	350.9	309.8	268.8	236.0	194.9	149.8	110.8
40°	527.3	506.8	474.0	445.2	406.3	361.1	318.0	285.2	242.1	192.9	139.5
37.5°	554.0	543.7	527.3	504.7	467.8	414.5	371.4	332.4	295.5	238.0	180.6
35°	584.8	582.7	572.4	562.2	531.4	480.1	428.8	383.7	338.5	285.2	221.6
32.5°	613.5	611.4	605.3	601.2	588.9	543.7	488.3	437.0	385.7	330.3	260.6
30°	627.8	623.7	623.7	627.8	615.5	586.8	545.8	490.4	432.9	367.3	301.6
27.5°	627.8	623.7	625.8	631.9	629.9	615.5	584.8	539.6	476.0	402.1	338.5
25°	601.2	621.7	621.7	629.9	631.9	627.8	611.4	582.7	517.0	439.1	367.3
22.5°	564.2	613.5	631.9	629.9	631.9	642.2	644.3	617.6	556.0	476.0	396.0
20°	564.2	599.1	652.5	638.1	642.2	664.8	675.0	652.5	597.1	510.9	424.7
17.5°	576.5	599.1	644.3	666.8	673.0	691.4	707.9	693.5	634.0	547.8	463.7
15°	611.4	607.3	638.1	693.5	703.8	718.1	736.6	720.2	666.8	588.9	500.6
12.5°	636.1	613.5	638.1	697.6	730.4	744.8	750.9	738.6	695.6	625.8	537.6
10°	668.9	629.9	642.2	693.5	740.7	750.9	757.1	753.0	722.2	656.6	570.4
7.5°	693.5	638.1	638.1	687.3	750.9	759.2	763.3	767.4	744.8	683.2	599.1
5°	703.8	638.1	634.0	681.2	761.2	769.4	769.4	775.6	761.2	703.8	619.6
2.5°	705.8	636.1	629.9	677.1	779.7	779.7	775.6	781.7	773.5	716.1	634.0
0°	716.1	634.0	627.8	683.2	800.2	792.0	781.7	783.8	779.7	722.2	642.2
-2.5°	716.1	644.3	636.1	687.3	798.1	796.1	792.0	794.0	789.9	740.7	658.6
-5°	726.3	658.6	650.4	705.8	796.1	802.2	804.3	804.3	798.1	753.0	668.9
-7.5°	728.4	668.9	666.8	724.3	800.2	810.5	816.6	820.7	808.4	761.2	677.1
-10°	718.1	673.0	683.2	746.8	804.3	818.7	831.0	837.1	816.6	765.3	681.2
-12.5°	695.6	673.0	699.7	775.6	814.6	831.0	849.4	851.5	824.8	767.4	683.2
-15°	693.5	689.4	728.4	804.3	820.7	841.2	870.0	863.8	831.0	767.4	683.2
-17.5°	691.4	712.0	771.5	814.6	831.0	853.5	876.1	870.0	835.1	767.4	679.1
-20°	709.9	748.9	822.8	824.8	843.3	867.9	880.2	867.9	828.9	761.2	673.0

REPORT NUMBER: P723823

CATALOG NUMBER: IFLD-M-SA4B-827-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°	740.7	814.6	839.2	847.4	863.8	882.3	888.4	870.0	822.8	750.9	662.7
-25°	818.7	855.6	855.6	874.1	890.5	898.7	892.5	872.0	814.6	740.7	652.5
-27.5°	878.2	876.1	886.4	904.8	919.2	919.2	902.8	861.7	802.2	730.4	638.1
-30°	900.7	902.8	917.1	937.7	941.8	931.5	906.9	853.5	792.0	714.0	619.6
-32.5°	923.3	931.5	950.0	960.2	962.3	941.8	896.6	839.2	775.6	695.6	599.1
-35°	950.0	966.4	976.6	978.7	968.4	933.6	882.3	820.7	750.9	668.9	580.7
-37.5°	984.9	993.1	999.2	991.0	962.3	921.2	857.6	796.1	728.4	640.2	554.0
-40°	1007.4	1011.5	1013.6	986.9	952.0	892.5	831.0	767.4	689.4	607.3	525.3
-42.5°	1021.8	1017.7	1001.3	972.5	921.2	863.8	804.3	732.5	654.5	574.5	494.5
-45°	1017.7	1003.3	978.7	943.8	890.5	833.0	763.3	691.4	617.6	539.6	459.6
-47.5°	1001.3	978.7	947.9	906.9	857.6	787.9	718.1	648.4	576.5	500.6	426.8
-50°	980.7	954.1	917.1	865.8	800.2	736.6	673.0	605.3	531.4	461.6	396.0
-52.5°	958.2	929.5	882.3	824.8	753.0	687.3	625.8	560.1	492.4	426.8	369.3
-55°	933.6	904.8	851.5	785.8	714.0	642.2	582.7	527.3	461.6	398.0	346.8
-57.5°	921.2	884.3	828.9	763.3	687.3	613.5	562.2	502.7	443.2	377.5	328.3
-60°	911.0	874.1	822.8	746.8	675.0	605.3	545.8	488.3	424.7	363.2	313.9
-62.5°	882.3	843.3	796.1	722.2	652.5	588.9	535.5	467.8	406.3	348.8	303.7
-65°	824.8	783.8	742.7	677.1	613.5	554.0	500.6	439.1	381.6	332.4	293.4
-67.5°	734.5	699.7	662.7	607.3	554.0	500.6	451.4	398.0	350.9	316.0	295.5
-70°	634.0	597.1	560.1	515.0	469.9	426.8	387.8	348.8	318.0	299.6	283.1
-72.5°	461.6	445.2	426.8	391.9	355.0	328.3	309.8	293.4	270.8	254.4	244.2
-75°	307.8	285.2	256.5	244.2	246.2	242.1	231.9	219.5	209.3	203.1	188.8
-77.5°	240.1	227.7	213.4	199.0	192.9	186.7	178.5	168.2	160.0	145.7	125.2
-80°	221.6	211.3	201.1	190.8	180.6	166.2	149.8	133.4	125.2	119.0	117.0
-82.5°	182.6	170.3	158.0	147.7	133.4	123.1	112.8	104.6	104.6	102.6	100.5
-85°	104.6	100.5	94.4	90.3	86.2	80.0	73.9	69.8	67.7	65.7	63.6
-87.5°	53.3	51.3	47.2	45.1	43.1	41.0	36.9	34.9	32.8	32.8	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: P723823

CATALOG NUMBER: IFLD-M-SA4B-827-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°	24.6	20.5	18.5	16.4	16.4	12.3	8.2	6.2	4.1	2.1	2.1
82.5°	47.2	41.0	34.9	30.8	24.6	18.5	14.4	10.3	6.2	4.1	2.1
80°	53.3	53.3	51.3	43.1	34.9	26.7	18.5	12.3	8.2	6.2	4.1
77.5°	41.0	45.1	45.1	45.1	43.1	32.8	22.6	14.4	8.2	6.2	4.1
75°	47.2	41.0	39.0	41.0	39.0	32.8	26.7	16.4	10.3	8.2	4.1
72.5°	57.4	49.2	43.1	41.0	36.9	30.8	24.6	18.5	10.3	8.2	6.2
70°	53.3	51.3	47.2	43.1	36.9	30.8	24.6	18.5	12.3	8.2	6.2
67.5°	47.2	47.2	47.2	43.1	36.9	28.7	22.6	16.4	12.3	8.2	6.2
65°	32.8	39.0	43.1	41.0	36.9	28.7	22.6	16.4	12.3	10.3	6.2
62.5°	20.5	26.7	34.9	39.0	34.9	28.7	20.5	16.4	12.3	10.3	6.2
60°	18.5	20.5	24.6	30.8	32.8	26.7	20.5	14.4	12.3	10.3	6.2
57.5°	18.5	18.5	20.5	24.6	26.7	24.6	18.5	12.3	12.3	10.3	8.2
55°	20.5	18.5	18.5	20.5	22.6	22.6	18.5	12.3	12.3	10.3	8.2
52.5°	24.6	20.5	18.5	18.5	18.5	20.5	16.4	12.3	12.3	10.3	8.2
50°	30.8	24.6	22.6	18.5	18.5	18.5	16.4	12.3	10.3	10.3	8.2
47.5°	41.0	32.8	24.6	22.6	18.5	16.4	14.4	12.3	10.3	10.3	8.2
45°	61.6	39.0	32.8	24.6	20.5	18.5	16.4	12.3	10.3	10.3	8.2
42.5°	84.1	57.4	41.0	28.7	22.6	18.5	16.4	14.4	10.3	10.3	8.2
40°	106.7	78.0	51.3	36.9	26.7	20.5	16.4	14.4	12.3	10.3	8.2
37.5°	131.3	96.4	67.7	47.2	30.8	22.6	18.5	14.4	12.3	10.3	8.2
35°	162.1	121.1	84.1	57.4	36.9	26.7	20.5	14.4	12.3	10.3	8.2
32.5°	197.0	143.6	100.5	69.8	47.2	32.8	22.6	16.4	12.3	10.3	8.2
30°	229.8	170.3	119.0	84.1	57.4	36.9	24.6	16.4	12.3	10.3	6.2
27.5°	262.6	197.0	141.6	98.5	69.8	43.1	26.7	18.5	12.3	10.3	8.2
25°	295.5	223.6	164.1	112.8	80.0	51.3	32.8	20.5	12.3	10.3	8.2
22.5°	324.2	250.3	184.7	129.3	92.3	59.5	36.9	22.6	14.4	10.3	8.2
20°	357.0	279.0	207.2	147.7	102.6	67.7	41.0	24.6	14.4	10.3	8.2
17.5°	387.8	307.8	229.8	164.1	114.9	75.9	47.2	26.7	16.4	10.3	8.2
15°	418.6	334.4	250.3	180.6	127.2	84.1	51.3	28.7	18.5	10.3	8.2
12.5°	447.3	359.1	268.8	194.9	137.5	92.3	55.4	30.8	20.5	10.3	8.2
10°	474.0	381.6	287.2	207.2	147.7	98.5	59.5	34.9	22.6	10.3	8.2
7.5°	500.6	400.1	301.6	219.5	160.0	106.7	63.6	36.9	24.6	12.3	8.2
5°	517.0	416.5	313.9	229.8	170.3	114.9	67.7	39.0	26.7	12.3	8.2
2.5°	531.4	428.8	322.1	240.1	180.6	121.1	67.7	41.0	28.7	12.3	8.2
0°	539.6	437.0	328.3	246.2	188.8	125.2	69.8	43.1	30.8	12.3	8.2
-2.5°	558.1	451.4	342.6	254.4	197.0	137.5	73.9	45.1	32.8	14.4	8.2
-5°	570.4	459.6	352.9	262.6	203.1	149.8	80.0	49.2	36.9	18.5	10.3
-7.5°	580.7	467.8	361.1	266.7	209.3	153.9	82.1	51.3	39.0	20.5	10.3
-10°	582.7	471.9	367.3	272.9	213.4	160.0	84.1	53.3	41.0	22.6	10.3
-12.5°	584.8	476.0	369.3	277.0	217.5	164.1	86.2	55.4	43.1	24.6	10.3
-15°	582.7	474.0	369.3	281.1	219.5	160.0	90.3	57.4	45.1	26.7	10.3
-17.5°	578.6	471.9	367.3	279.0	217.5	155.9	92.3	61.6	45.1	28.7	12.3
-20°	572.4	465.8	363.2	277.0	215.4	151.8	94.4	63.6	47.2	28.7	12.3

REPORT NUMBER: P723823

CATALOG NUMBER: IFLD-M-SA4B-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	562.2	455.5	355.0	270.8	211.3	147.7	94.4	67.7	49.2	28.7	12.3
-25°	549.9	445.2	346.8	262.6	205.2	141.6	94.4	69.8	51.3	28.7	12.3
-27.5°	535.5	435.0	334.4	256.5	197.0	137.5	94.4	71.8	53.3	28.7	12.3
-30°	519.1	420.6	324.2	246.2	190.8	137.5	96.4	73.9	55.4	28.7	12.3
-32.5°	502.7	406.3	311.9	238.0	182.6	135.4	96.4	75.9	57.4	26.7	14.4
-35°	484.2	389.8	301.6	231.9	176.5	131.3	98.5	75.9	55.4	26.7	14.4
-37.5°	461.6	369.3	291.4	225.7	172.3	127.2	98.5	78.0	53.3	26.7	14.4
-40°	437.0	352.9	279.0	217.5	166.2	125.2	98.5	78.0	51.3	26.7	16.4
-42.5°	410.4	334.4	266.7	209.3	160.0	123.1	98.5	78.0	49.2	26.7	16.4
-45°	385.7	316.0	252.4	199.0	153.9	123.1	98.5	75.9	45.1	28.7	16.4
-47.5°	359.1	295.5	236.0	188.8	151.8	121.1	96.4	71.8	41.0	28.7	16.4
-50°	336.5	274.9	223.6	178.5	147.7	123.1	98.5	65.7	41.0	28.7	16.4
-52.5°	313.9	260.6	209.3	174.4	143.6	125.2	96.4	61.6	41.0	28.7	16.4
-55°	295.5	246.2	201.1	168.2	147.7	129.3	92.3	55.4	41.0	28.7	16.4
-57.5°	281.1	238.0	194.9	170.3	153.9	125.2	86.2	53.3	41.0	26.7	16.4
-60°	270.8	229.8	197.0	178.5	155.9	119.0	82.1	53.3	41.0	26.7	14.4
-62.5°	262.6	231.9	207.2	184.7	147.7	110.8	78.0	53.3	36.9	24.6	14.4
-65°	264.7	240.1	211.3	176.5	141.6	102.6	71.8	51.3	34.9	22.6	14.4
-67.5°	270.8	233.9	199.0	166.2	127.2	92.3	65.7	47.2	32.8	22.6	14.4
-70°	250.3	215.4	180.6	141.6	108.7	80.0	61.6	43.1	28.7	20.5	14.4
-72.5°	225.7	180.6	143.6	114.9	92.3	73.9	55.4	39.0	26.7	18.5	12.3
-75°	164.1	131.3	106.7	96.4	82.1	65.7	49.2	34.9	24.6	18.5	12.3
-77.5°	117.0	108.7	98.5	88.2	73.9	57.4	43.1	32.8	22.6	16.4	10.3
-80°	114.9	104.6	92.3	75.9	61.6	49.2	36.9	28.7	20.5	14.4	8.2
-82.5°	96.4	82.1	69.8	57.4	47.2	39.0	30.8	22.6	16.4	10.3	6.2
-85°	59.5	51.3	45.1	39.0	32.8	26.7	20.5	14.4	10.3	6.2	4.1
-87.5°	28.7	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

REPORT NUMBER: P723823

CATALOG NUMBER: IFLD-M-SA4B-827-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: P723823

CATALOG NUMBER: IFLD-M-SA4B-827-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)