

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: P723697

Luminaire Tested: **IFLD-S-SA3B-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723697
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	8884.6 lumens	Max Intensity:	209023.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	72.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	3221.9 lumens	Field Lumens:	5136.4 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

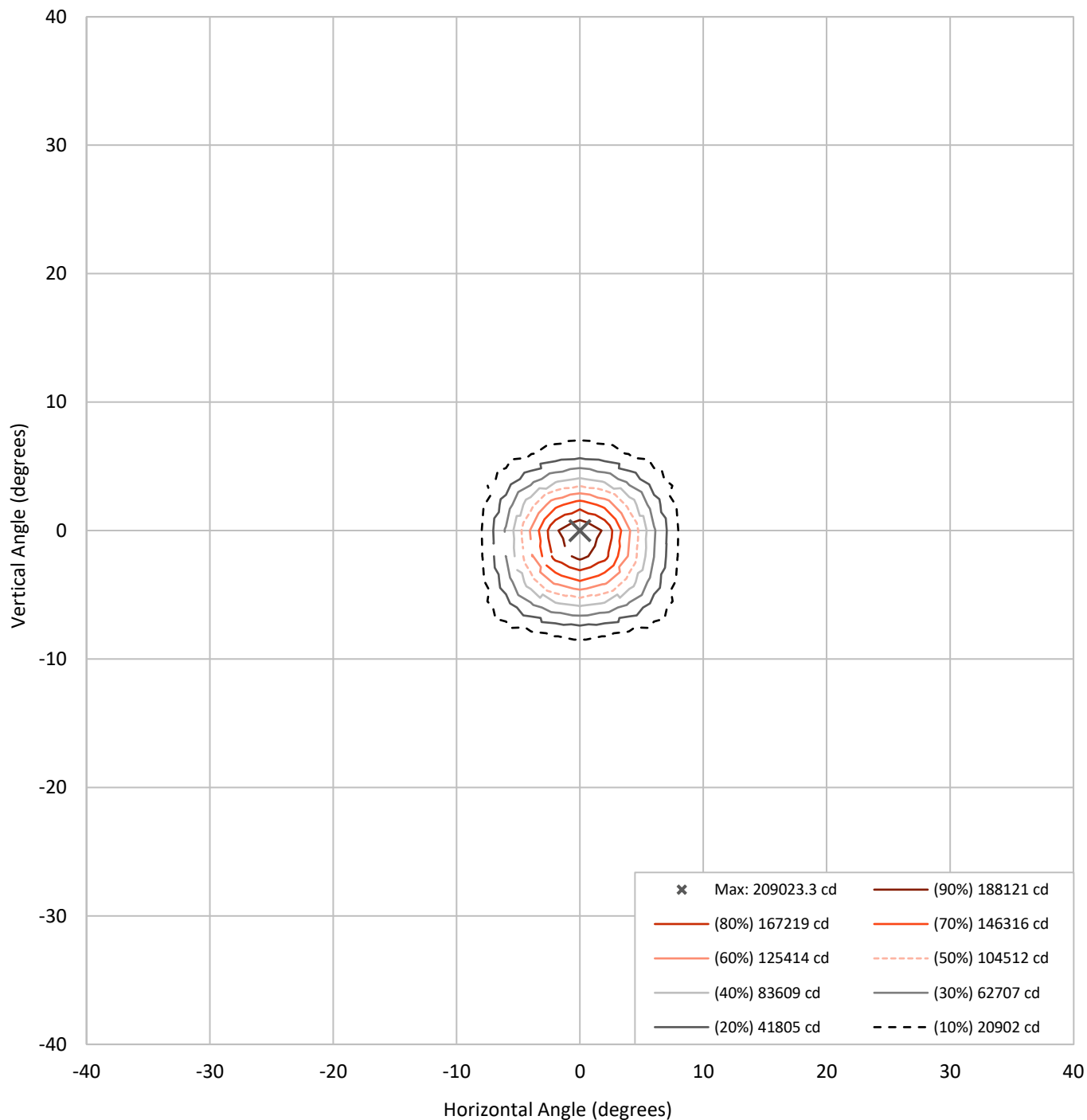
Input Watts (W): 122.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723697

CATALOG NUMBER: IFLD-S-SA3B-735-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723697

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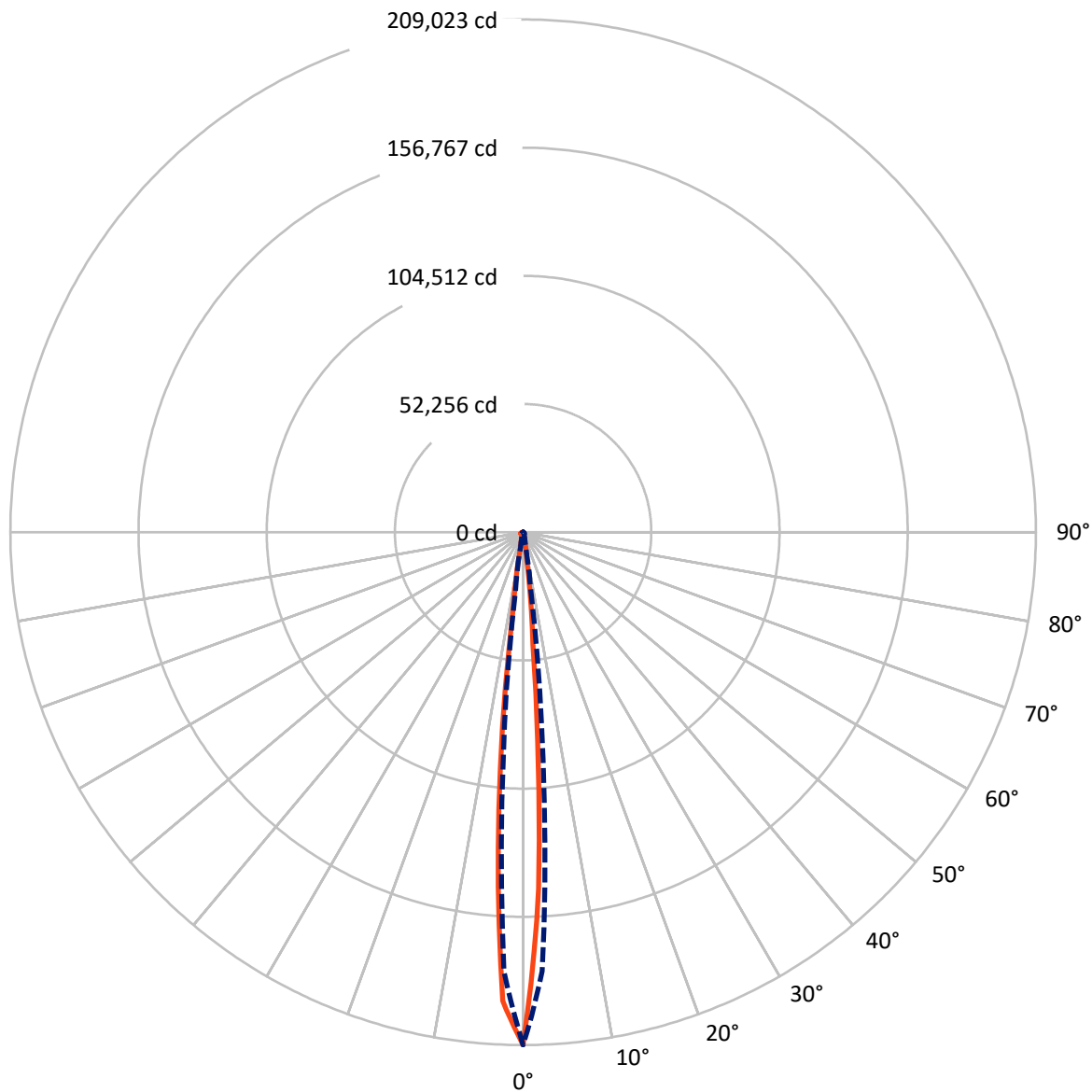
Lumen Table

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	4.0	8.0	11.7	14.0	15.5	15.5	14.0	11.7	8.0	4.0	1.2	0.3	0.2			
30		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				
20	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			
10		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				
0	0.6	2.3	9.1	16.3	17.3	23.2	62.9	1166.3	1166.3	62.9	23.2	17.3	16.3	9.1	2.3	0.6			
-10		2.7	9.9	17.1	17.9	24.0	67.8	1700.6	1700.6	67.8	24.0	17.9	17.1	9.9	2.7				
-20	0.9	2.9	10.2	18.1	19.4	21.7	39.4	75.6	75.6	39.4	21.7	19.4	18.1	10.2	2.9	0.9			
-30		2.8	9.7	18.3	21.8	21.8	25.5	31.1	31.1	25.5	21.8	21.8	18.3	9.7	2.8				
-40	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			
-50		2.2	6.9	14.8	23.1	28.1	31.5	33.0	33.0	31.5	28.1	23.1	14.8	6.9	2.2				
-60	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			
-70		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				
-80	0.3	5.5		16.4		30.3		33.5		30.3		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	60	70	80	90

REPORT NUMBER: P723697

CATALOG NUMBER: IFLD-S-SA3B-735-U-11-VI

Luminous Intensity Polar Plot



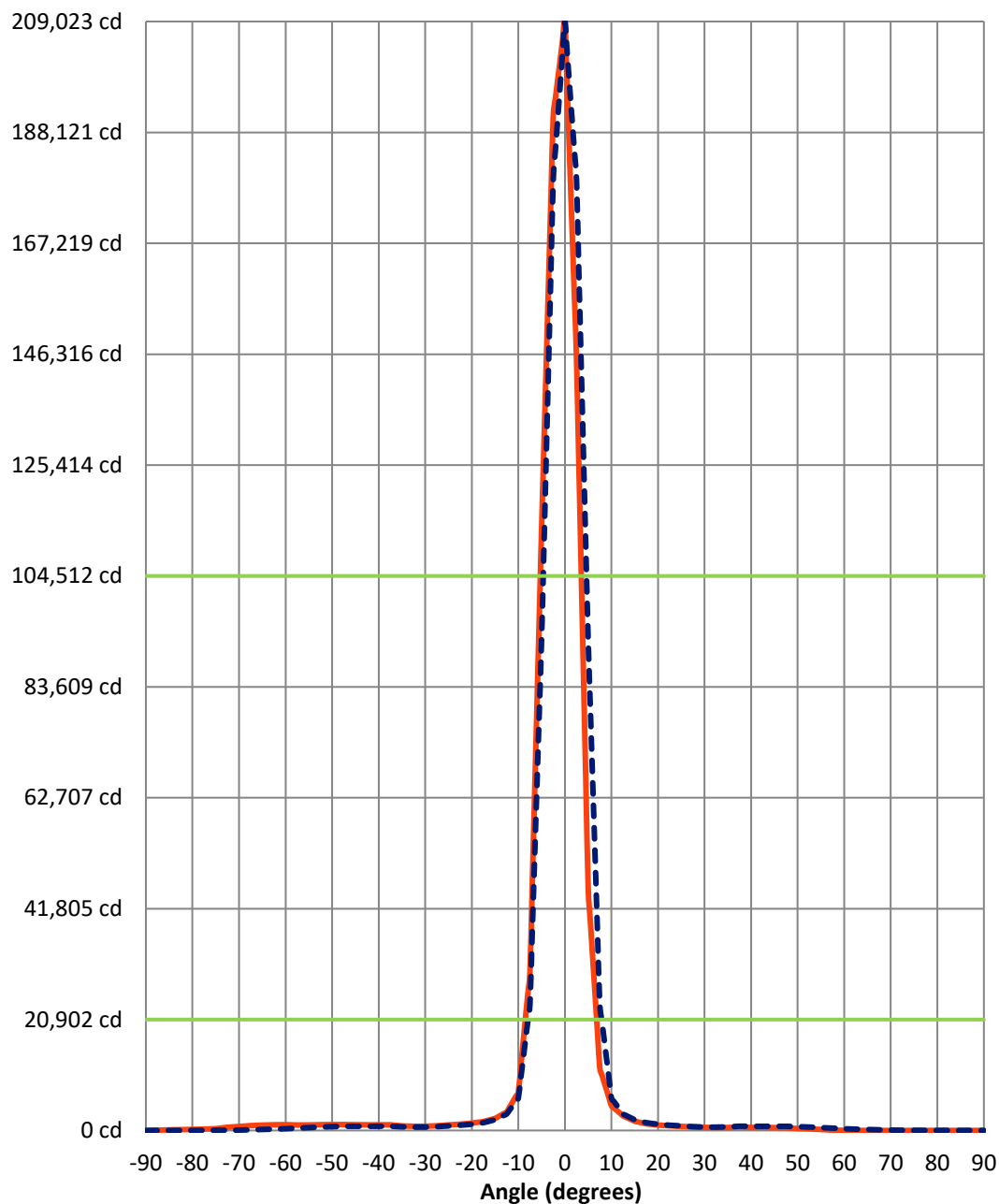
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723697

CATALOG NUMBER: IFLD-S-SA3B-735-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 3221.9

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 5136.4

Efficiency: 57.8%

Spill:

Lumens: 3748.3

Efficiency: 42.2%

— Vertical Distribution through 0-Deg

- - Horizontal Distribution through 0-Deg

REPORT NUMBER: P723697

CATALOG NUMBER: IFLD-S-SA3B-735-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	61.5	61.5	61.5	59.5	67.7	69.7	61.5	57.4	63.6
55°	192.8	198.9	194.8	188.7	176.4	162.0	157.9	155.9	157.9	147.7	131.3
52.5°	281.0	287.1	285.1	281.0	272.8	262.5	254.3	246.1	237.9	221.5	203.0
50°	365.1	367.1	365.1	361.0	352.8	342.5	326.1	307.6	291.2	287.1	270.7
47.5°	459.4	465.6	465.6	463.5	457.4	438.9	414.3	387.6	375.3	371.2	354.8
45°	543.5	547.6	549.7	551.7	549.7	531.2	508.6	494.3	467.6	459.4	459.4
42.5°	566.1	568.1	570.2	572.2	578.4	564.0	545.6	520.9	514.8	512.7	508.6
40°	574.3	570.2	572.2	574.3	576.3	566.1	551.7	537.4	533.3	529.2	529.2
37.5°	652.2	633.8	619.4	607.1	596.8	586.6	572.2	559.9	549.7	541.5	549.7
35°	555.8	555.8	570.2	582.5	594.8	607.1	609.1	594.8	572.2	562.0	576.3
32.5°	568.1	568.1	568.1	572.2	576.3	586.6	596.8	603.0	619.4	600.9	600.9
30°	580.4	582.5	586.6	588.6	582.5	578.4	574.3	574.3	584.5	611.2	625.5
27.5°	652.2	652.2	646.1	637.9	619.4	590.7	576.3	555.8	557.9	570.2	605.0
25°	769.1	765.0	750.7	730.1	697.3	656.3	617.3	574.3	555.8	549.7	564.0
22.5°	879.9	873.7	855.3	836.8	810.1	769.1	703.5	637.9	580.4	555.8	549.7
20°	1021.4	1007.0	986.5	957.8	914.7	873.7	816.3	730.1	646.1	582.5	557.9
17.5°	1249.0	1230.6	1191.6	1140.3	1066.5	1002.9	920.9	838.8	744.5	642.0	586.6
15°	1747.4	1700.3	1632.6	1491.1	1345.4	1224.4	1101.4	964.0	867.6	732.2	648.1
12.5°	2748.3	2619.1	2422.2	2092.0	1765.9	1484.9	1286.0	1109.6	953.7	828.6	709.6
10°	4651.6	4374.7	3831.2	2928.8	2327.9	1811.0	1454.1	1218.3	1021.4	892.2	760.9
7.5°	11764.4	9596.5	6790.8	4637.3	3045.7	2213.0	1663.3	1320.8	1093.2	933.2	801.9
5°	45851.7	37770.8	20148.8	8409.0	4581.9	2676.5	1852.0	1402.9	1140.3	964.0	832.7
2.5°	145518.9	125665.4	65930.7	18101.9	5625.8	3014.9	1981.2	1454.1	1167.0	986.5	855.3
0°	209023.3	179140.6	92529.8	23807.7	6101.7	3101.1	2022.3	1464.4	1171.1	990.6	855.3
-2.5°	191220.8	167355.7	89383.6	22154.7	6235.0	3125.7	2055.1	1499.3	1201.9	1009.1	861.4
-5°	113622.1	99663.1	62351.8	15796.6	5539.7	2902.1	1968.9	1468.5	1181.4	998.8	857.3
-7.5°	29936.1	25916.2	17047.7	8242.9	3585.1	2455.0	1809.0	1417.2	1154.7	980.4	840.9
-10°	7217.4	6840.0	6109.9	3745.1	2791.4	2051.0	1603.9	1324.9	1101.4	955.8	814.2
-12.5°	3480.5	3398.5	3084.7	2543.2	2071.5	1704.4	1452.1	1228.5	1052.2	912.7	777.3
-15°	2264.3	2217.1	2110.5	1903.3	1663.3	1487.0	1310.6	1130.1	990.6	849.1	746.6
-17.5°	1675.6	1673.6	1620.3	1542.3	1423.4	1292.1	1162.9	1048.0	912.7	791.7	713.7
-20°	1388.5	1388.5	1357.7	1306.5	1222.4	1136.2	1050.1	943.4	832.7	742.5	709.6

REPORT NUMBER: P723697

CATALOG NUMBER: IFLD-S-SA3B-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1179.3	1181.4	1165.0	1132.1	1087.0	1015.2	931.1	845.0	765.0	732.2	721.9
-25°	1043.9	1039.8	1021.4	990.6	943.4	886.0	830.6	773.2	750.7	742.5	756.8
-27.5°	884.0	890.1	881.9	867.6	836.8	795.8	783.5	767.1	771.2	783.5	838.8
-30°	789.6	795.8	804.0	810.1	799.9	789.6	793.7	806.0	832.7	879.9	900.4
-32.5°	789.6	791.7	804.0	816.3	822.4	830.6	853.2	894.2	933.2	920.9	916.8
-35°	861.4	855.3	871.7	888.1	910.6	939.3	964.0	955.8	941.4	937.3	941.4
-37.5°	1066.5	1027.5	1011.1	1000.9	994.7	990.6	984.5	978.3	972.2	968.1	974.2
-40°	1064.5	1054.2	1043.9	1035.7	1029.6	1021.4	1017.3	1015.2	1009.1	1005.0	1000.9
-42.5°	1060.4	1064.5	1064.5	1062.4	1064.5	1062.4	1056.3	1048.0	1037.8	1029.6	1021.4
-45°	1091.1	1093.2	1097.3	1101.4	1107.5	1099.3	1087.0	1072.7	1058.3	1046.0	1035.7
-47.5°	1109.6	1111.6	1115.7	1121.9	1126.0	1117.8	1101.4	1082.9	1060.4	1039.8	1019.3
-50°	1115.7	1121.9	1123.9	1123.9	1121.9	1111.6	1087.0	1060.4	1035.7	1015.2	996.8
-52.5°	1087.0	1093.2	1095.2	1091.1	1089.1	1078.8	1056.3	1031.6	1005.0	990.6	974.2
-55°	1039.8	1048.0	1054.2	1054.2	1054.2	1052.2	1031.6	1009.1	988.6	972.2	955.8
-57.5°	1021.4	1035.7	1048.0	1050.1	1052.2	1054.2	1039.8	1017.3	992.7	968.1	947.6
-60°	1089.1	1101.4	1107.5	1099.3	1093.2	1087.0	1064.5	1037.8	1013.2	988.6	949.6
-62.5°	1070.6	1091.1	1101.4	1095.2	1087.0	1076.8	1052.2	1021.4	992.7	966.0	927.0
-65°	1011.1	1029.6	1041.9	1031.6	1019.3	1005.0	982.4	953.7	927.0	900.4	865.5
-67.5°	910.6	937.3	957.8	935.2	918.8	900.4	881.9	857.3	830.6	799.9	767.1
-70°	752.7	773.2	791.7	785.5	781.4	777.3	765.0	740.4	717.8	693.2	664.5
-72.5°	605.0	623.5	639.9	629.7	621.4	609.1	590.7	564.0	537.4	510.7	484.0
-75°	334.3	340.5	346.6	344.6	344.6	344.6	344.6	346.6	342.5	336.4	324.1
-77.5°	256.4	264.6	270.7	274.8	281.0	289.2	295.3	285.1	274.8	264.6	252.3
-80°	201.0	209.2	215.4	237.9	254.3	272.8	285.1	270.7	256.4	244.1	233.8
-82.5°	151.8	157.9	164.1	176.4	184.6	194.8	203.0	203.0	201.0	198.9	192.8
-85°	110.8	119.0	127.2	131.3	137.4	137.4	139.5	131.3	123.1	116.9	108.7
-87.5°	63.6	65.6	65.6	65.6	67.7	67.7	67.7	63.6	61.5	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: P723697

CATALOG NUMBER: IFLD-S-SA3B-735-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°	121.0	114.9	96.4	80.0	71.8	63.6	49.2	41.0	30.8	24.6	22.6
52.5°	186.6	170.2	153.8	133.3	112.8	96.4	82.0	63.6	51.3	36.9	28.7
50°	244.1	229.7	211.3	188.7	162.0	141.5	121.0	96.4	75.9	57.4	41.0
47.5°	332.3	303.5	281.0	254.3	223.6	194.8	168.2	139.5	106.7	84.1	63.6
45°	426.6	385.6	354.8	330.2	289.2	250.2	219.5	188.7	149.7	110.8	86.1
42.5°	492.2	461.5	420.5	387.6	350.7	309.7	268.7	235.9	194.8	149.7	110.8
40°	527.1	506.6	473.8	445.1	406.1	361.0	317.9	285.1	242.0	192.8	139.5
37.5°	553.8	543.5	527.1	504.5	467.6	414.3	371.2	332.3	295.3	237.9	180.5
35°	584.5	582.5	572.2	562.0	531.2	479.9	428.7	383.5	338.4	285.1	221.5
32.5°	613.2	611.2	605.0	600.9	588.6	543.5	488.1	436.9	385.6	330.2	260.5
30°	627.6	623.5	623.5	627.6	615.3	586.6	545.6	490.2	432.8	367.1	301.5
27.5°	627.6	623.5	625.5	631.7	629.7	615.3	584.5	539.4	475.8	402.0	338.4
25°	600.9	621.4	621.4	629.7	631.7	627.6	611.2	582.5	516.8	438.9	367.1
22.5°	564.0	613.2	631.7	629.7	631.7	642.0	644.0	617.3	555.8	475.8	395.8
20°	564.0	598.9	652.2	637.9	642.0	664.5	674.8	652.2	596.8	510.7	424.6
17.5°	576.3	598.9	644.0	666.6	672.7	691.2	707.6	693.2	633.8	547.6	463.5
15°	611.2	607.1	637.9	693.2	703.5	717.8	736.3	719.9	666.6	588.6	500.4
12.5°	635.8	613.2	637.9	697.3	730.1	744.5	750.7	738.4	695.3	625.5	537.4
10°	668.6	629.7	642.0	693.2	740.4	750.7	756.8	752.7	721.9	656.3	570.2
7.5°	693.2	637.9	637.9	687.1	750.7	758.9	763.0	767.1	744.5	683.0	598.9
5°	703.5	637.9	633.8	680.9	760.9	769.1	769.1	775.3	760.9	703.5	619.4
2.5°	705.5	635.8	629.7	676.8	779.4	779.4	775.3	781.4	773.2	715.8	633.8
0°	715.8	633.8	627.6	683.0	799.9	791.7	781.4	783.5	779.4	721.9	642.0
-2.5°	715.8	644.0	635.8	687.1	797.8	795.8	791.7	793.7	789.6	740.4	658.4
-5°	726.0	658.4	650.2	705.5	795.8	801.9	804.0	804.0	797.8	752.7	668.6
-7.5°	728.1	668.6	666.6	724.0	799.9	810.1	816.3	820.4	808.1	760.9	676.8
-10°	717.8	672.7	683.0	746.6	804.0	818.3	830.6	836.8	816.3	765.0	680.9
-12.5°	695.3	672.7	699.4	775.3	814.2	830.6	849.1	851.2	824.5	767.1	683.0
-15°	693.2	689.1	728.1	804.0	820.4	840.9	869.6	863.5	830.6	767.1	683.0
-17.5°	691.2	711.7	771.2	814.2	830.6	853.2	875.8	869.6	834.7	767.1	678.9
-20°	709.6	748.6	822.4	824.5	843.0	867.6	879.9	867.6	828.6	760.9	672.7

REPORT NUMBER: P723697

CATALOG NUMBER: IFLD-S-SA3B-735-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°	740.4	814.2	838.8	847.1	863.5	881.9	888.1	869.6	822.4	750.7	662.5
-25°	818.3	855.3	855.3	873.7	890.1	898.3	892.2	871.7	814.2	740.4	652.2
-27.5°	877.8	875.8	886.0	904.5	918.8	918.8	902.4	861.4	801.9	730.1	637.9
-30°	900.4	902.4	916.8	937.3	941.4	931.1	906.5	853.2	791.7	713.7	619.4
-32.5°	922.9	931.1	949.6	959.9	961.9	941.4	896.3	838.8	775.3	695.3	598.9
-35°	949.6	966.0	976.3	978.3	968.1	933.2	881.9	820.4	750.7	668.6	580.4
-37.5°	984.5	992.7	998.8	990.6	961.9	920.9	857.3	795.8	728.1	639.9	553.8
-40°	1007.0	1011.1	1013.2	986.5	951.7	892.2	830.6	767.1	689.1	607.1	525.1
-42.5°	1021.4	1017.3	1000.9	972.2	920.9	863.5	804.0	732.2	654.3	574.3	494.3
-45°	1017.3	1002.9	978.3	943.4	890.1	832.7	763.0	691.2	617.3	539.4	459.4
-47.5°	1000.9	978.3	947.6	906.5	857.3	787.6	717.8	648.1	576.3	500.4	426.6
-50°	980.4	953.7	916.8	865.5	799.9	736.3	672.7	605.0	531.2	461.5	395.8
-52.5°	957.8	929.1	881.9	824.5	752.7	687.1	625.5	559.9	492.2	426.6	369.2
-55°	933.2	904.5	851.2	785.5	713.7	642.0	582.5	527.1	461.5	397.9	346.6
-57.5°	920.9	884.0	828.6	763.0	687.1	613.2	562.0	502.5	443.0	377.4	328.2
-60°	910.6	873.7	822.4	746.6	674.8	605.0	545.6	488.1	424.6	363.0	313.8
-62.5°	881.9	843.0	795.8	721.9	652.2	588.6	535.3	467.6	406.1	348.7	303.5
-65°	824.5	783.5	742.5	676.8	613.2	553.8	500.4	438.9	381.5	332.3	293.3
-67.5°	734.2	699.4	662.5	607.1	553.8	500.4	451.2	397.9	350.7	315.9	295.3
-70°	633.8	596.8	559.9	514.8	469.7	426.6	387.6	348.7	317.9	299.4	283.0
-72.5°	461.5	445.1	426.6	391.7	354.8	328.2	309.7	293.3	270.7	254.3	244.1
-75°	307.6	285.1	256.4	244.1	246.1	242.0	231.8	219.5	209.2	203.0	188.7
-77.5°	240.0	227.7	213.3	198.9	192.8	186.6	178.4	168.2	160.0	145.6	125.1
-80°	221.5	211.3	201.0	190.7	180.5	166.1	149.7	133.3	125.1	119.0	116.9
-82.5°	182.5	170.2	157.9	147.7	133.3	123.1	112.8	104.6	104.6	102.5	100.5
-85°	104.6	100.5	94.3	90.2	86.1	80.0	73.8	69.7	67.7	65.6	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: P723697

CATALOG NUMBER: IFLD-S-SA3B-735-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°	61.5	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	77.9	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°	162.0	121.0	84.1	57.4	36.9	26.7	20.5	14.4	12.3	10.3	8.2
32.5°	196.9	143.6	100.5	69.7	47.2	32.8	22.6	16.4	12.3	10.3	8.2
30°	229.7	170.2	119.0	84.1	57.4	36.9	24.6	16.4	12.3	10.3	6.2
27.5°	262.5	196.9	141.5	98.4	69.7	43.1	26.7	18.5	12.3	10.3	8.2
25°	295.3	223.6	164.1	112.8	80.0	51.3	32.8	20.5	12.3	10.3	8.2
22.5°	324.1	250.2	184.6	129.2	92.3	59.5	36.9	22.6	14.4	10.3	8.2
20°	356.9	278.9	207.1	147.7	102.5	67.7	41.0	24.6	14.4	10.3	8.2
17.5°	387.6	307.6	229.7	164.1	114.9	75.9	47.2	26.7	16.4	10.3	8.2
15°	418.4	334.3	250.2	180.5	127.2	84.1	51.3	28.7	18.5	10.3	8.2
12.5°	447.1	358.9	268.7	194.8	137.4	92.3	55.4	30.8	20.5	10.3	8.2
10°	473.8	381.5	287.1	207.1	147.7	98.4	59.5	34.9	22.6	10.3	8.2
7.5°	500.4	399.9	301.5	219.5	160.0	106.7	63.6	36.9	24.6	12.3	8.2
5°	516.8	416.3	313.8	229.7	170.2	114.9	67.7	39.0	26.7	12.3	8.2
2.5°	531.2	428.7	322.0	240.0	180.5	121.0	67.7	41.0	28.7	12.3	8.2
0°	539.4	436.9	328.2	246.1	188.7	125.1	69.7	43.1	30.8	12.3	8.2
-2.5°	557.9	451.2	342.5	254.3	196.9	137.4	73.8	45.1	32.8	14.4	8.2
-5°	570.2	459.4	352.8	262.5	203.0	149.7	80.0	49.2	36.9	18.5	10.3
-7.5°	580.4	467.6	361.0	266.6	209.2	153.8	82.0	51.3	39.0	20.5	10.3
-10°	582.5	471.7	367.1	272.8	213.3	160.0	84.1	53.3	41.0	22.6	10.3
-12.5°	584.5	475.8	369.2	276.9	217.4	164.1	86.1	55.4	43.1	24.6	10.3
-15°	582.5	473.8	369.2	281.0	219.5	160.0	90.2	57.4	45.1	26.7	10.3
-17.5°	578.4	471.7	367.1	278.9	217.4	155.9	92.3	61.5	45.1	28.7	12.3
-20°	572.2	465.6	363.0	276.9	215.4	151.8	94.3	63.6	47.2	28.7	12.3



REPORT NUMBER: P723697

CATALOG NUMBER: IFLD-S-SA3B-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	562.0	455.3	354.8	270.7	211.3	147.7	94.3	67.7	49.2	28.7	12.3
-25°	549.7	445.1	346.6	262.5	205.1	141.5	94.3	69.7	51.3	28.7	12.3
-27.5°	535.3	434.8	334.3	256.4	196.9	137.4	94.3	71.8	53.3	28.7	12.3
-30°	518.9	420.5	324.1	246.1	190.7	137.4	96.4	73.8	55.4	28.7	12.3
-32.5°	502.5	406.1	311.7	237.9	182.5	135.4	96.4	75.9	57.4	26.7	14.4
-35°	484.0	389.7	301.5	231.8	176.4	131.3	98.4	75.9	55.4	26.7	14.4
-37.5°	461.5	369.2	291.2	225.6	172.3	127.2	98.4	77.9	53.3	26.7	14.4
-40°	436.9	352.8	278.9	217.4	166.1	125.1	98.4	77.9	51.3	26.7	16.4
-42.5°	410.2	334.3	266.6	209.2	160.0	123.1	98.4	77.9	49.2	26.7	16.4
-45°	385.6	315.9	252.3	198.9	153.8	123.1	98.4	75.9	45.1	28.7	16.4
-47.5°	358.9	295.3	235.9	188.7	151.8	121.0	96.4	71.8	41.0	28.7	16.4
-50°	336.4	274.8	223.6	178.4	147.7	123.1	98.4	65.6	41.0	28.7	16.4
-52.5°	313.8	260.5	209.2	174.3	143.6	125.1	96.4	61.5	41.0	28.7	16.4
-55°	295.3	246.1	201.0	168.2	147.7	129.2	92.3	55.4	41.0	28.7	16.4
-57.5°	281.0	237.9	194.8	170.2	153.8	125.1	86.1	53.3	41.0	26.7	16.4
-60°	270.7	229.7	196.9	178.4	155.9	119.0	82.0	53.3	41.0	26.7	14.4
-62.5°	262.5	231.8	207.1	184.6	147.7	110.8	77.9	53.3	36.9	24.6	14.4
-65°	264.6	240.0	211.3	176.4	141.5	102.5	71.8	51.3	34.9	22.6	14.4
-67.5°	270.7	233.8	198.9	166.1	127.2	92.3	65.6	47.2	32.8	22.6	14.4
-70°	250.2	215.4	180.5	141.5	108.7	80.0	61.5	43.1	28.7	20.5	14.4
-72.5°	225.6	180.5	143.6	114.9	92.3	73.8	55.4	39.0	26.7	18.5	12.3
-75°	164.1	131.3	106.7	96.4	82.0	65.6	49.2	34.9	24.6	18.5	12.3
-77.5°	116.9	108.7	98.4	88.2	73.8	57.4	43.1	32.8	22.6	16.4	10.3
-80°	114.9	104.6	92.3	75.9	61.5	49.2	36.9	28.7	20.5	14.4	8.2
-82.5°	96.4	82.0	69.7	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: P723697

CATALOG NUMBER: IFLD-S-SA3B-735-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: P723697

CATALOG NUMBER: IFLD-S-SA3B-735-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)