

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: P723694

Luminaire Tested: **IFLD-S-SA2D-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723694
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	8166 lumens	Max Intensity:	192116.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	65.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	2961.3 lumens	Field Lumens:	4720.9 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

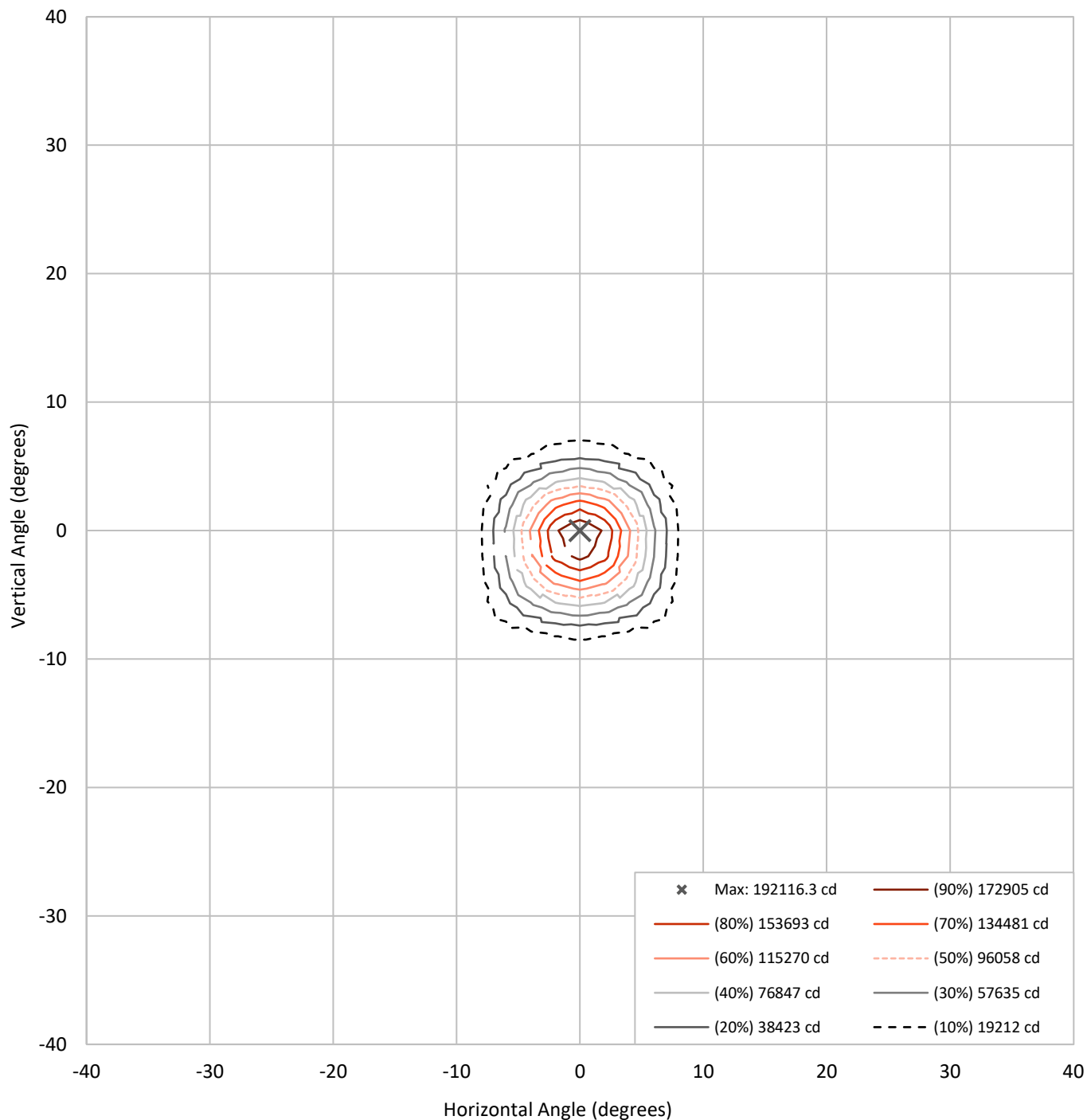
Input Watts (W): 123.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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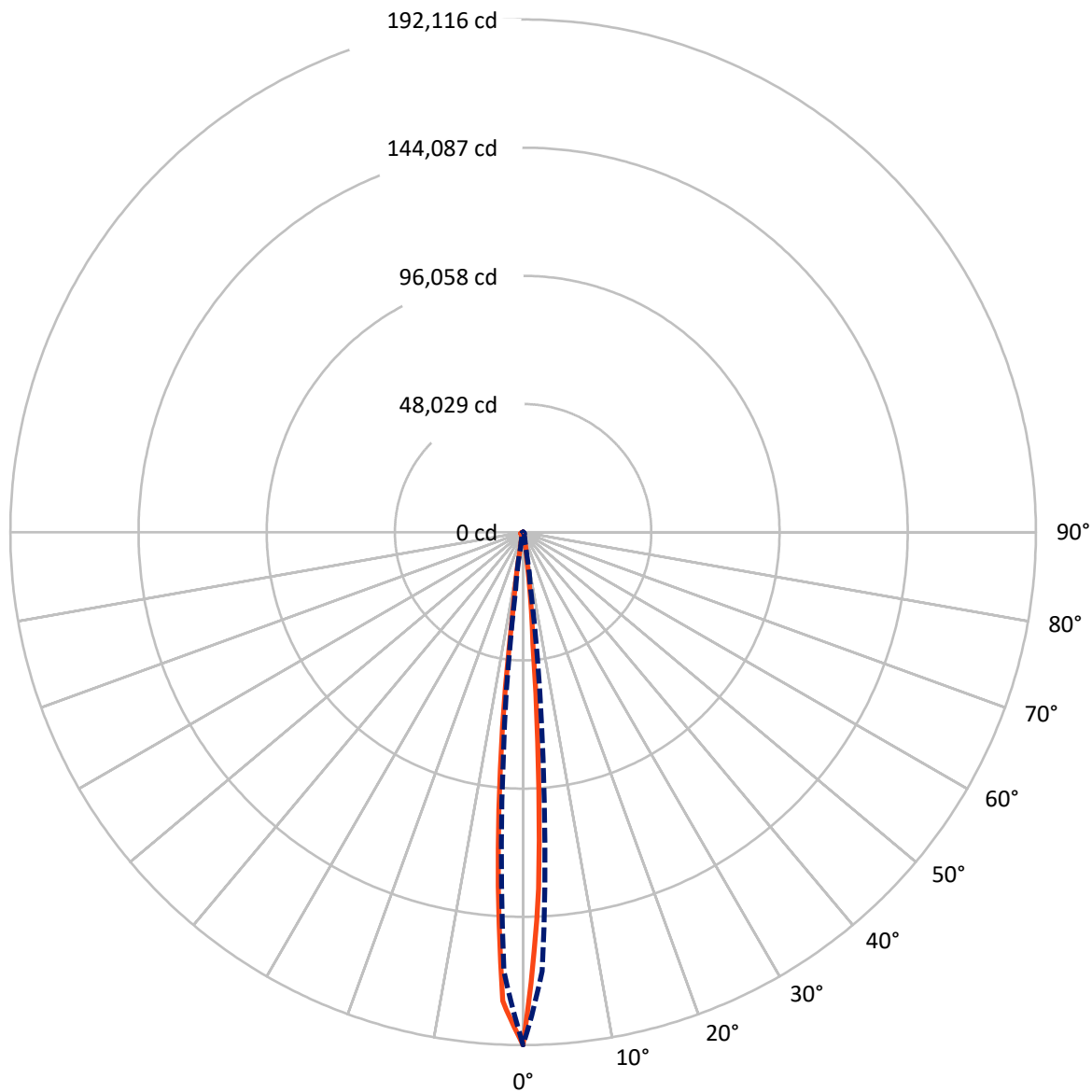
Lumen Table

Vertical Angle (degrees)																
	0.1	1.8		2.0		0.8		0.2		0.8		2.0		1.8		0.1
90																
80	0.1	1.8		2.0		0.8		0.2		0.8		2.0		1.8		0.1
70																
60	0.2	0.4	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.4	0.2
50		0.3	0.4	1.0	2.1	3.4	4.4	5.1	5.1	4.4	3.4	2.1	1.0	0.4	0.3	
40	0.2	0.3	1.1	3.7	7.3	10.7	12.9	14.3	14.3	12.9	10.7	7.3	3.7	1.1	0.3	0.2
30		0.5	2.8	7.6	12.4	14.6	15.8	16.3	16.3	15.8	14.6	12.4	7.6	2.8	0.5	
20	0.3	1.1	4.8	11.1	14.4	14.8	17.5	21.1	21.1	17.5	14.8	14.4	11.1	4.8	1.1	0.3
10		1.7	6.8	13.7	15.3	17.3	30.4	51.8	51.8	30.4	17.3	15.3	13.7	6.8	1.7	
0	0.5	2.2	8.3	15.0	15.9	21.4	57.8	1072.0	1072.0	57.8	21.4	15.9	15.0	8.3	2.2	0.5
-10		2.5	9.1	15.8	16.5	22.1	62.3	1563.1	1563.1	62.3	22.1	16.5	15.8	9.1	2.5	
-20	0.8	2.7	9.4	16.6	17.9	19.9	36.2	69.5	69.5	36.2	19.9	17.9	16.6	9.4	2.7	0.8
-30		2.5	8.9	16.8	20.0	20.1	23.5	28.6	28.6	23.5	20.1	20.0	16.8	8.9	2.5	
-40	0.9	2.3	7.9	16.1	22.0	24.0	25.0	25.2	25.2	25.0	24.0	22.0	16.1	7.9	2.3	0.9
-50		2.0	6.3	13.6	21.3	25.8	29.0	30.4	30.4	29.0	25.8	21.3	13.6	6.3	2.0	
-60	0.7	1.8	4.9	10.6	18.1	24.3	28.3	29.9	29.9	28.3	24.3	18.1	10.6	4.9	1.8	0.7
-70		1.7	4.3	8.6	15.1	21.3	25.8	27.8	27.8	25.8	21.3	15.1	8.6	4.3	1.7	
-80	0.3	5.1		15.0		27.9		30.8		27.9		15.0		5.1		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



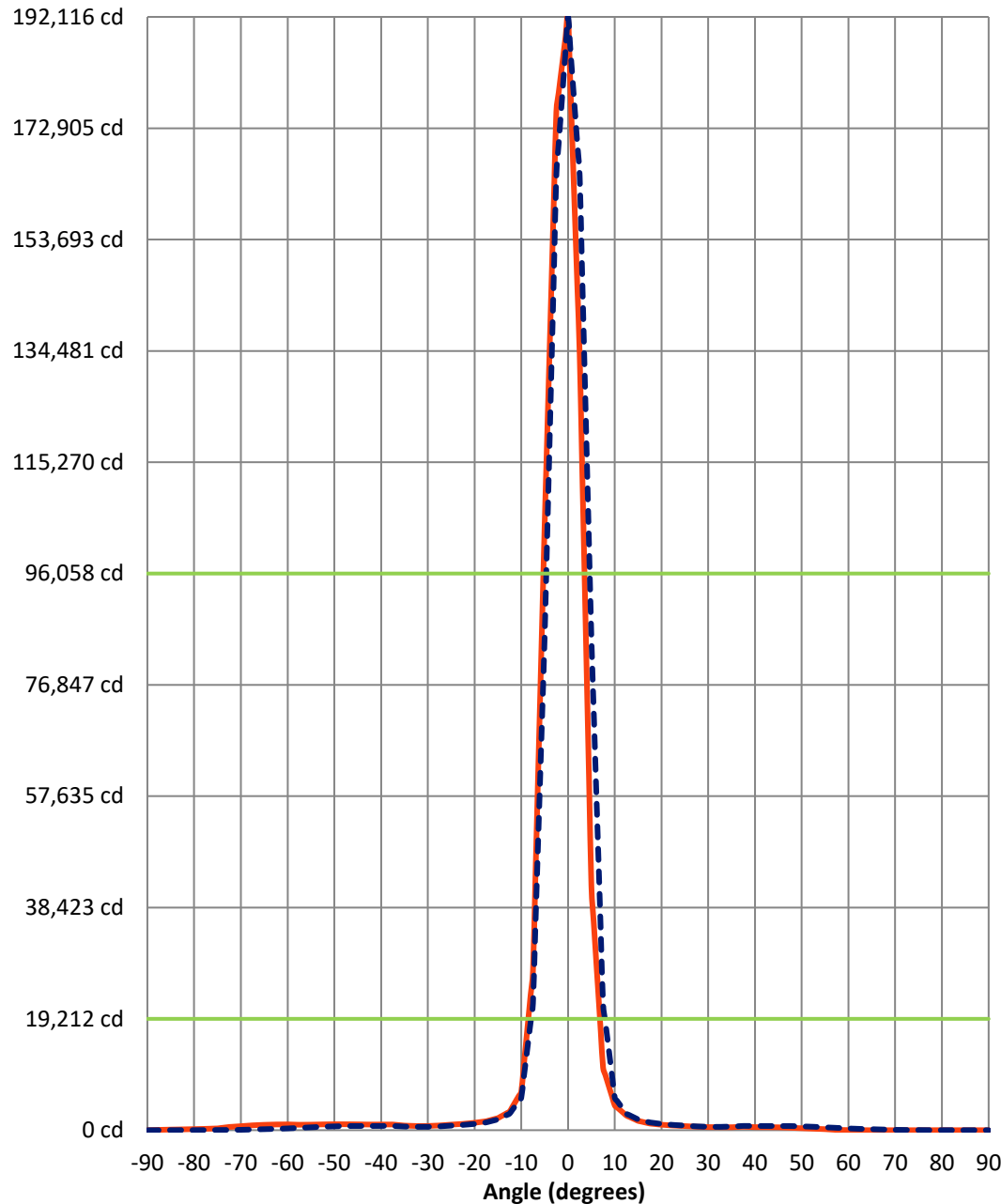
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 8.8°
Lumens: 2961.3
Efficiency: 36.3%

Field:
H Angle: 15.8°
V Angle: 15.3°
Lumens: 4720.9
Efficiency: 57.8%

Spill:
Lumens: 3445.1
Efficiency: 42.2%

— 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	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	0.0	1.9	1.9	3.8	3.8	3.8	5.7	7.5	9.4	9.4	11.3
82.5°	0.0	1.9	1.9	3.8	3.8	5.7	5.7	9.4	11.3	13.2	17.0
80°	1.9	1.9	1.9	3.8	3.8	5.7	5.7	7.5	9.4	13.2	15.1
77.5°	0.0	1.9	1.9	1.9	3.8	3.8	3.8	5.7	7.5	9.4	11.3
75°	0.0	1.9	1.9	1.9	3.8	3.8	3.8	3.8	5.7	5.7	7.5
72.5°	0.0	0.0	0.0	1.9	1.9	3.8	3.8	3.8	5.7	5.7	5.7
70°	0.0	0.0	0.0	1.9	1.9	3.8	3.8	3.8	5.7	5.7	5.7
67.5°	0.0	0.0	0.0	1.9	1.9	3.8	3.8	3.8	5.7	5.7	5.7
65°	0.0	0.0	0.0	1.9	1.9	3.8	3.8	5.7	5.7	5.7	5.7
62.5°	1.9	1.9	1.9	3.8	5.7	5.7	7.5	9.4	9.4	9.4	9.4
60°	18.9	20.7	22.6	22.6	20.7	20.7	22.6	22.6	22.6	22.6	22.6
57.5°	50.9	54.7	56.6	56.6	56.6	54.7	62.2	64.1	56.6	52.8	58.4
55°	177.2	182.9	179.1	173.4	162.1	148.9	145.2	143.3	145.2	135.7	120.6
52.5°	258.3	263.9	262.0	258.3	250.7	241.3	233.8	226.2	218.7	203.6	186.6
50°	335.5	337.4	335.5	331.8	324.2	314.8	299.7	282.8	267.7	263.9	248.8
47.5°	422.3	427.9	427.9	426.0	420.4	403.4	380.8	356.3	345.0	341.2	326.1
45°	499.5	503.3	505.2	507.1	505.2	488.2	467.5	454.3	429.8	422.3	422.3
42.5°	520.3	522.2	524.1	525.9	531.6	518.4	501.4	478.8	473.2	471.3	467.5
40°	527.8	524.1	525.9	527.8	529.7	520.3	507.1	493.9	490.1	486.4	486.4
37.5°	599.5	582.5	569.3	558.0	548.6	539.1	525.9	514.6	505.2	497.7	505.2
35°	510.9	510.9	524.1	535.4	546.7	558.0	559.9	546.7	525.9	516.5	529.7
32.5°	522.2	522.2	522.2	525.9	529.7	539.1	548.6	554.2	569.3	552.3	552.3
30°	533.5	535.4	539.1	541.0	535.4	531.6	527.8	527.8	537.2	561.8	575.0
27.5°	599.5	599.5	593.8	586.3	569.3	542.9	529.7	510.9	512.7	524.1	556.1
25°	706.9	703.1	689.9	671.1	640.9	603.2	567.4	527.8	510.9	505.2	518.4
22.5°	808.7	803.0	786.1	769.1	744.6	706.9	646.6	586.3	533.5	510.9	505.2
20°	938.8	925.6	906.7	880.3	840.7	803.0	750.3	671.1	593.8	535.4	512.7
17.5°	1148.0	1131.0	1095.2	1048.1	980.2	921.8	846.4	771.0	684.3	590.0	539.1
15°	1606.1	1562.7	1500.5	1370.5	1236.6	1125.4	1012.3	886.0	797.4	673.0	595.7
12.5°	2526.0	2407.3	2226.3	1922.8	1623.1	1364.8	1181.9	1019.8	876.6	761.6	652.2
10°	4275.4	4020.9	3521.3	2691.9	2139.6	1664.5	1336.5	1119.7	938.8	820.0	699.4
7.5°	10812.8	8820.3	6241.5	4262.2	2799.3	2034.0	1528.8	1214.0	1004.7	857.7	737.1
5°	42142.9	34715.7	18519.1	7728.8	4211.3	2460.0	1702.2	1289.4	1048.1	886.0	765.3
2.5°	133748.5	115500.9	60597.9	16637.7	5170.8	2771.1	1821.0	1336.5	1072.6	906.7	786.1
0°	192116.3	164650.7	85045.5	21882.0	5608.1	2850.2	1858.7	1345.9	1076.4	910.5	786.1
-2.5°	175753.8	153819.0	82153.8	20362.7	5730.7	2872.9	1888.9	1378.0	1104.7	927.5	791.7
-5°	104431.7	91601.8	57308.4	14518.9	5091.6	2667.4	1809.7	1349.7	1085.8	918.0	788.0
-7.5°	27514.7	23819.9	15668.8	7576.1	3295.1	2256.4	1662.6	1302.6	1061.3	901.1	772.9
-10°	6633.6	6286.8	5615.7	3442.2	2565.6	1885.1	1474.1	1217.8	1012.3	878.4	748.4
-12.5°	3199.0	3123.6	2835.2	2337.5	1903.9	1566.5	1334.6	1129.2	967.0	838.9	714.4
-15°	2081.1	2037.8	1939.7	1749.4	1528.8	1366.7	1204.6	1038.7	910.5	780.4	686.2
-17.5°	1540.1	1538.2	1489.2	1417.6	1308.2	1187.6	1068.8	963.3	838.9	727.6	656.0
-20°	1276.2	1276.2	1247.9	1200.8	1123.5	1044.3	965.2	867.1	765.3	682.4	652.2

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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°	1083.9	1085.8	1070.7	1040.6	999.1	933.1	855.8	776.7	703.1	673.0	663.5
-25°	959.5	955.7	938.8	910.5	867.1	814.4	763.5	710.7	689.9	682.4	695.6
-27.5°	812.5	818.1	810.6	797.4	769.1	731.4	720.1	705.0	708.8	720.1	771.0
-30°	725.8	731.4	739.0	744.6	735.2	725.8	729.5	740.8	765.3	808.7	827.6
-32.5°	725.8	727.6	739.0	750.3	755.9	763.5	784.2	821.9	857.7	846.4	842.6
-35°	791.7	786.1	801.2	816.2	837.0	863.4	886.0	878.4	865.3	861.5	865.3
-37.5°	980.2	944.4	929.3	919.9	914.3	910.5	904.8	899.2	893.5	889.8	895.4
-40°	978.4	968.9	959.5	952.0	946.3	938.8	935.0	933.1	927.5	923.7	919.9
-42.5°	974.6	978.4	978.4	976.5	978.4	976.5	970.8	963.3	953.9	946.3	938.8
-45°	1002.9	1004.7	1008.5	1012.3	1017.9	1010.4	999.1	985.9	972.7	961.4	952.0
-47.5°	1019.8	1021.7	1025.5	1031.1	1034.9	1027.4	1012.3	995.3	974.6	955.7	936.9
-50°	1025.5	1031.1	1033.0	1033.0	1031.1	1021.7	999.1	974.6	952.0	933.1	916.2
-52.5°	999.1	1004.7	1006.6	1002.9	1001.0	991.6	970.8	948.2	923.7	910.5	895.4
-55°	955.7	963.3	968.9	968.9	968.9	967.0	948.2	927.5	908.6	893.5	878.4
-57.5°	938.8	952.0	963.3	965.2	967.0	968.9	955.7	935.0	912.4	889.8	870.9
-60°	1001.0	1012.3	1017.9	1010.4	1004.7	999.1	978.4	953.9	931.2	908.6	872.8
-62.5°	984.0	1002.9	1012.3	1006.6	999.1	989.7	967.0	938.8	912.4	887.9	852.1
-65°	929.3	946.3	957.6	948.2	936.9	923.7	903.0	876.6	852.1	827.6	795.5
-67.5°	837.0	861.5	880.3	859.6	844.5	827.6	810.6	788.0	763.5	735.2	705.0
-70°	691.8	710.7	727.6	722.0	718.2	714.4	703.1	680.5	659.8	637.2	610.8
-72.5°	556.1	573.1	588.1	578.7	571.2	559.9	542.9	518.4	493.9	469.4	444.9
-75°	307.3	312.9	318.6	316.7	316.7	316.7	316.7	318.6	314.8	309.2	297.8
-77.5°	235.6	243.2	248.8	252.6	258.3	265.8	271.5	262.0	252.6	243.2	231.9
-80°	184.7	192.3	197.9	218.7	233.8	250.7	262.0	248.8	235.6	224.3	214.9
-82.5°	139.5	145.2	150.8	162.1	169.7	179.1	186.6	186.6	184.7	182.9	177.2
-85°	101.8	109.3	116.9	120.6	126.3	126.3	128.2	120.6	113.1	107.4	99.9
-87.5°	58.4	60.3	60.3	60.3	62.2	62.2	62.2	58.4	56.6	52.8	50.9
-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°	1.9	1.9	1.9	3.8	3.8	5.7	5.7	7.5	7.5	9.4	9.4
85°	11.3	11.3	11.3	13.2	13.2	15.1	17.0	18.9	20.7	20.7	22.6
82.5°	18.9	20.7	22.6	24.5	26.4	28.3	30.2	32.0	37.7	41.5	43.4
80°	18.9	20.7	26.4	30.2	33.9	37.7	37.7	37.7	37.7	39.6	43.4
77.5°	13.2	15.1	17.0	20.7	30.2	37.7	43.4	47.1	43.4	41.5	37.7
75°	7.5	9.4	11.3	13.2	18.9	26.4	35.8	45.2	52.8	50.9	47.1
72.5°	7.5	7.5	9.4	11.3	13.2	15.1	17.0	26.4	37.7	47.1	52.8
70°	7.5	9.4	9.4	11.3	13.2	15.1	17.0	20.7	26.4	37.7	49.0
67.5°	7.5	9.4	9.4	13.2	17.0	18.9	20.7	18.9	17.0	24.5	35.8
65°	7.5	7.5	9.4	11.3	13.2	15.1	20.7	20.7	18.9	18.9	18.9
62.5°	11.3	11.3	11.3	11.3	13.2	13.2	13.2	17.0	17.0	17.0	17.0
60°	22.6	20.7	20.7	20.7	20.7	17.0	17.0	17.0	15.1	17.0	15.1
57.5°	54.7	45.2	41.5	41.5	35.8	33.9	28.3	20.7	20.7	17.0	17.0
55°	111.2	105.6	88.6	73.5	66.0	58.4	45.2	37.7	28.3	22.6	20.7
52.5°	171.5	156.5	141.4	122.5	103.7	88.6	75.4	58.4	47.1	33.9	26.4
50°	224.3	211.1	194.2	173.4	148.9	130.1	111.2	88.6	69.7	52.8	37.7
47.5°	305.4	279.0	258.3	233.8	205.5	179.1	154.6	128.2	98.0	77.3	58.4
45°	392.1	354.4	326.1	303.5	265.8	230.0	201.7	173.4	137.6	101.8	79.2
42.5°	452.4	424.1	386.4	356.3	322.3	284.6	246.9	216.8	179.1	137.6	101.8
40°	484.5	465.6	435.5	409.1	373.2	331.8	292.2	262.0	222.4	177.2	128.2
37.5°	509.0	499.5	484.5	463.7	429.8	380.8	341.2	305.4	271.5	218.7	165.9
35°	537.2	535.4	525.9	516.5	488.2	441.1	394.0	352.5	311.0	262.0	203.6
32.5°	563.6	561.8	556.1	552.3	541.0	499.5	448.6	401.5	354.4	303.5	239.4
30°	576.8	573.1	573.1	576.8	565.5	539.1	501.4	450.5	397.8	337.4	277.1
27.5°	576.8	573.1	575.0	580.6	578.7	565.5	537.2	495.8	437.3	369.5	311.0
25°	552.3	571.2	571.2	578.7	580.6	576.8	561.8	535.4	475.0	403.4	337.4
22.5°	518.4	563.6	580.6	578.7	580.6	590.0	591.9	567.4	510.9	437.3	363.8
20°	518.4	550.4	599.5	586.3	590.0	610.8	620.2	599.5	548.6	469.4	390.2
17.5°	529.7	550.4	591.9	612.7	618.3	635.3	650.4	637.2	582.5	503.3	426.0
15°	561.8	558.0	586.3	637.2	646.6	659.8	676.7	661.7	612.7	541.0	460.0
12.5°	584.4	563.6	586.3	640.9	671.1	684.3	689.9	678.6	639.0	575.0	493.9
10°	614.5	578.7	590.0	637.2	680.5	689.9	695.6	691.8	663.5	603.2	524.1
7.5°	637.2	586.3	586.3	631.5	689.9	697.5	701.3	705.0	684.3	627.7	550.4
5°	646.6	586.3	582.5	625.8	699.4	706.9	706.9	712.6	699.4	646.6	569.3
2.5°	648.5	584.4	578.7	622.1	716.3	716.3	712.6	718.2	710.7	657.9	582.5
0°	657.9	582.5	576.8	627.7	735.2	727.6	718.2	720.1	716.3	663.5	590.0
-2.5°	657.9	591.9	584.4	631.5	733.3	731.4	727.6	729.5	725.8	680.5	605.1
-5°	667.3	605.1	597.6	648.5	731.4	737.1	739.0	739.0	733.3	691.8	614.5
-7.5°	669.2	614.5	612.7	665.4	735.2	744.6	750.3	754.0	742.7	699.4	622.1
-10°	659.8	618.3	627.7	686.2	739.0	752.1	763.5	769.1	750.3	703.1	625.8
-12.5°	639.0	618.3	642.8	712.6	748.4	763.5	780.4	782.3	757.8	705.0	627.7
-15°	637.2	633.4	669.2	739.0	754.0	772.9	799.3	793.6	763.5	705.0	627.7
-17.5°	635.3	654.1	708.8	748.4	763.5	784.2	804.9	799.3	767.2	705.0	624.0
-20°	652.2	688.1	755.9	757.8	774.8	797.4	808.7	797.4	761.6	699.4	618.3

REPORT NUMBER: P723694

CATALOG NUMBER: IFLD-S-SA2D-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°	680.5	748.4	771.0	778.5	793.6	810.6	816.2	799.3	755.9	689.9	608.9
-25°	752.1	786.1	786.1	803.0	818.1	825.7	820.0	801.2	748.4	680.5	599.5
-27.5°	806.8	804.9	814.4	831.3	844.5	844.5	829.4	791.7	737.1	671.1	586.3
-30°	827.6	829.4	842.6	861.5	865.3	855.8	833.2	784.2	727.6	656.0	569.3
-32.5°	848.3	855.8	872.8	882.2	884.1	865.3	823.8	771.0	712.6	639.0	550.4
-35°	872.8	887.9	897.3	899.2	889.8	857.7	810.6	754.0	689.9	614.5	533.5
-37.5°	904.8	912.4	918.0	910.5	884.1	846.4	788.0	731.4	669.2	588.1	509.0
-40°	925.6	929.3	931.2	906.7	874.7	820.0	763.5	705.0	633.4	558.0	482.6
-42.5°	938.8	935.0	919.9	893.5	846.4	793.6	739.0	673.0	601.3	527.8	454.3
-45°	935.0	921.8	899.2	867.1	818.1	765.3	701.3	635.3	567.4	495.8	422.3
-47.5°	919.9	899.2	870.9	833.2	788.0	723.9	659.8	595.7	529.7	460.0	392.1
-50°	901.1	876.6	842.6	795.5	735.2	676.7	618.3	556.1	488.2	424.1	363.8
-52.5°	880.3	853.9	810.6	757.8	691.8	631.5	575.0	514.6	452.4	392.1	339.3
-55°	857.7	831.3	782.3	722.0	656.0	590.0	535.4	484.5	424.1	365.7	318.6
-57.5°	846.4	812.5	761.6	701.3	631.5	563.6	516.5	461.8	407.2	346.9	301.6
-60°	837.0	803.0	755.9	686.2	620.2	556.1	501.4	448.6	390.2	333.7	288.4
-62.5°	810.6	774.8	731.4	663.5	599.5	541.0	492.0	429.8	373.2	320.5	279.0
-65°	757.8	720.1	682.4	622.1	563.6	509.0	460.0	403.4	350.6	305.4	269.6
-67.5°	674.9	642.8	608.9	558.0	509.0	460.0	414.7	365.7	322.3	290.3	271.5
-70°	582.5	548.6	514.6	473.2	431.7	392.1	356.3	320.5	292.2	275.2	260.1
-72.5°	424.1	409.1	392.1	360.1	326.1	301.6	284.6	269.6	248.8	233.8	224.3
-75°	282.8	262.0	235.6	224.3	226.2	222.4	213.0	201.7	192.3	186.6	173.4
-77.5°	220.6	209.2	196.0	182.9	177.2	171.5	164.0	154.6	147.0	133.8	115.0
-80°	203.6	194.2	184.7	175.3	165.9	152.7	137.6	122.5	115.0	109.3	107.4
-82.5°	167.8	156.5	145.2	135.7	122.5	113.1	103.7	96.1	96.1	94.3	92.4
-85°	96.1	92.4	86.7	82.9	79.2	73.5	67.9	64.1	62.2	60.3	58.4
-87.5°	49.0	47.1	43.4	41.5	39.6	37.7	33.9	32.0	30.2	30.2	28.3
-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: P723694

CATALOG NUMBER: IFLD-S-SA2D-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°	9.4	9.4	7.5	7.5	7.5	5.7	3.8	3.8	1.9	1.9	0.0
85°	22.6	18.9	17.0	15.1	15.1	11.3	7.5	5.7	3.8	1.9	1.9
82.5°	43.4	37.7	32.0	28.3	22.6	17.0	13.2	9.4	5.7	3.8	1.9
80°	49.0	49.0	47.1	39.6	32.0	24.5	17.0	11.3	7.5	5.7	3.8
77.5°	37.7	41.5	41.5	41.5	39.6	30.2	20.7	13.2	7.5	5.7	3.8
75°	43.4	37.7	35.8	37.7	35.8	30.2	24.5	15.1	9.4	7.5	3.8
72.5°	52.8	45.2	39.6	37.7	33.9	28.3	22.6	17.0	9.4	7.5	5.7
70°	49.0	47.1	43.4	39.6	33.9	28.3	22.6	17.0	11.3	7.5	5.7
67.5°	43.4	43.4	43.4	39.6	33.9	26.4	20.7	15.1	11.3	7.5	5.7
65°	30.2	35.8	39.6	37.7	33.9	26.4	20.7	15.1	11.3	9.4	5.7
62.5°	18.9	24.5	32.0	35.8	32.0	26.4	18.9	15.1	11.3	9.4	5.7
60°	17.0	18.9	22.6	28.3	30.2	24.5	18.9	13.2	11.3	9.4	5.7
57.5°	17.0	17.0	18.9	22.6	24.5	22.6	17.0	11.3	11.3	9.4	7.5
55°	18.9	17.0	17.0	18.9	20.7	20.7	17.0	11.3	11.3	9.4	7.5
52.5°	22.6	18.9	17.0	17.0	17.0	18.9	15.1	11.3	11.3	9.4	7.5
50°	28.3	22.6	20.7	17.0	17.0	17.0	15.1	11.3	9.4	9.4	7.5
47.5°	37.7	30.2	22.6	20.7	17.0	15.1	13.2	11.3	9.4	9.4	7.5
45°	56.6	35.8	30.2	22.6	18.9	17.0	15.1	11.3	9.4	9.4	7.5
42.5°	77.3	52.8	37.7	26.4	20.7	17.0	15.1	13.2	9.4	9.4	7.5
40°	98.0	71.6	47.1	33.9	24.5	18.9	15.1	13.2	11.3	9.4	7.5
37.5°	120.6	88.6	62.2	43.4	28.3	20.7	17.0	13.2	11.3	9.4	7.5
35°	148.9	111.2	77.3	52.8	33.9	24.5	18.9	13.2	11.3	9.4	7.5
32.5°	181.0	132.0	92.4	64.1	43.4	30.2	20.7	15.1	11.3	9.4	7.5
30°	211.1	156.5	109.3	77.3	52.8	33.9	22.6	15.1	11.3	9.4	5.7
27.5°	241.3	181.0	130.1	90.5	64.1	39.6	24.5	17.0	11.3	9.4	7.5
25°	271.5	205.5	150.8	103.7	73.5	47.1	30.2	18.9	11.3	9.4	7.5
22.5°	297.8	230.0	169.7	118.8	84.8	54.7	33.9	20.7	13.2	9.4	7.5
20°	328.0	256.4	190.4	135.7	94.3	62.2	37.7	22.6	13.2	9.4	7.5
17.5°	356.3	282.8	211.1	150.8	105.6	69.7	43.4	24.5	15.1	9.4	7.5
15°	384.6	307.3	230.0	165.9	116.9	77.3	47.1	26.4	17.0	9.4	7.5
12.5°	410.9	329.9	246.9	179.1	126.3	84.8	50.9	28.3	18.9	9.4	7.5
10°	435.5	350.6	263.9	190.4	135.7	90.5	54.7	32.0	20.7	9.4	7.5
7.5°	460.0	367.6	277.1	201.7	147.0	98.0	58.4	33.9	22.6	11.3	7.5
5°	475.0	382.7	288.4	211.1	156.5	105.6	62.2	35.8	24.5	11.3	7.5
2.5°	488.2	394.0	296.0	220.6	165.9	111.2	62.2	37.7	26.4	11.3	7.5
0°	495.8	401.5	301.6	226.2	173.4	115.0	64.1	39.6	28.3	11.3	7.5
-2.5°	512.7	414.7	314.8	233.8	181.0	126.3	67.9	41.5	30.2	13.2	7.5
-5°	524.1	422.3	324.2	241.3	186.6	137.6	73.5	45.2	33.9	17.0	9.4
-7.5°	533.5	429.8	331.8	245.1	192.3	141.4	75.4	47.1	35.8	18.9	9.4
-10°	535.4	433.6	337.4	250.7	196.0	147.0	77.3	49.0	37.7	20.7	9.4
-12.5°	537.2	437.3	339.3	254.5	199.8	150.8	79.2	50.9	39.6	22.6	9.4
-15°	535.4	435.5	339.3	258.3	201.7	147.0	82.9	52.8	41.5	24.5	9.4
-17.5°	531.6	433.6	337.4	256.4	199.8	143.3	84.8	56.6	41.5	26.4	11.3
-20°	525.9	427.9	333.7	254.5	197.9	139.5	86.7	58.4	43.4	26.4	11.3

REPORT NUMBER: P723694

CATALOG NUMBER: IFLD-S-SA2D-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°	516.5	418.5	326.1	248.8	194.2	135.7	86.7	62.2	45.2	26.4	11.3
-25°	505.2	409.1	318.6	241.3	188.5	130.1	86.7	64.1	47.1	26.4	11.3
-27.5°	492.0	399.6	307.3	235.6	181.0	126.3	86.7	66.0	49.0	26.4	11.3
-30°	476.9	386.4	297.8	226.2	175.3	126.3	88.6	67.9	50.9	26.4	11.3
-32.5°	461.8	373.2	286.5	218.7	167.8	124.4	88.6	69.7	52.8	24.5	13.2
-35°	444.9	358.2	277.1	213.0	162.1	120.6	90.5	69.7	50.9	24.5	13.2
-37.5°	424.1	339.3	267.7	207.4	158.3	116.9	90.5	71.6	49.0	24.5	13.2
-40°	401.5	324.2	256.4	199.8	152.7	115.0	90.5	71.6	47.1	24.5	15.1
-42.5°	377.0	307.3	245.1	192.3	147.0	113.1	90.5	71.6	45.2	24.5	15.1
-45°	354.4	290.3	231.9	182.9	141.4	113.1	90.5	69.7	41.5	26.4	15.1
-47.5°	329.9	271.5	216.8	173.4	139.5	111.2	88.6	66.0	37.7	26.4	15.1
-50°	309.2	252.6	205.5	164.0	135.7	113.1	90.5	60.3	37.7	26.4	15.1
-52.5°	288.4	239.4	192.3	160.2	132.0	115.0	88.6	56.6	37.7	26.4	15.1
-55°	271.5	226.2	184.7	154.6	135.7	118.8	84.8	50.9	37.7	26.4	15.1
-57.5°	258.3	218.7	179.1	156.5	141.4	115.0	79.2	49.0	37.7	24.5	15.1
-60°	248.8	211.1	181.0	164.0	143.3	109.3	75.4	49.0	37.7	24.5	13.2
-62.5°	241.3	213.0	190.4	169.7	135.7	101.8	71.6	49.0	33.9	22.6	13.2
-65°	243.2	220.6	194.2	162.1	130.1	94.3	66.0	47.1	32.0	20.7	13.2
-67.5°	248.8	214.9	182.9	152.7	116.9	84.8	60.3	43.4	30.2	20.7	13.2
-70°	230.0	197.9	165.9	130.1	99.9	73.5	56.6	39.6	26.4	18.9	13.2
-72.5°	207.4	165.9	132.0	105.6	84.8	67.9	50.9	35.8	24.5	17.0	11.3
-75°	150.8	120.6	98.0	88.6	75.4	60.3	45.2	32.0	22.6	17.0	11.3
-77.5°	107.4	99.9	90.5	81.1	67.9	52.8	39.6	30.2	20.7	15.1	9.4
-80°	105.6	96.1	84.8	69.7	56.6	45.2	33.9	26.4	18.9	13.2	7.5
-82.5°	88.6	75.4	64.1	52.8	43.4	35.8	28.3	20.7	15.1	9.4	5.7
-85°	54.7	47.1	41.5	35.8	30.2	24.5	18.9	13.2	9.4	5.7	3.8
-87.5°	26.4	24.5	20.7	17.0	15.1	11.3	9.4	7.5	5.7	3.8	1.9
-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: P723694

CATALOG NUMBER: IFLD-S-SA2D-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°	1.9	0.0	0.0	0.0
80°	1.9	0.0	0.0	0.0
77.5°	1.9	0.0	0.0	0.0
75°	1.9	1.9	0.0	0.0
72.5°	1.9	1.9	0.0	0.0
70°	3.8	1.9	1.9	0.0
67.5°	3.8	1.9	1.9	0.0
65°	3.8	1.9	1.9	0.0
62.5°	3.8	1.9	1.9	0.0
60°	3.8	1.9	1.9	0.0
57.5°	3.8	1.9	1.9	0.0
55°	3.8	1.9	1.9	0.0
52.5°	3.8	1.9	1.9	0.0
50°	3.8	1.9	1.9	0.0
47.5°	3.8	3.8	1.9	0.0
45°	3.8	3.8	1.9	0.0
42.5°	3.8	3.8	1.9	0.0
40°	3.8	3.8	1.9	0.0
37.5°	3.8	3.8	1.9	0.0
35°	3.8	3.8	1.9	0.0
32.5°	5.7	3.8	1.9	0.0
30°	5.7	3.8	3.8	0.0
27.5°	5.7	3.8	3.8	0.0
25°	5.7	3.8	3.8	0.0
22.5°	5.7	3.8	3.8	0.0
20°	5.7	3.8	3.8	0.0
17.5°	5.7	3.8	3.8	0.0
15°	5.7	3.8	3.8	0.0
12.5°	5.7	3.8	3.8	0.0
10°	5.7	3.8	3.8	0.0
7.5°	5.7	3.8	3.8	0.0
5°	5.7	3.8	3.8	0.0
2.5°	5.7	3.8	3.8	0.0
0°	5.7	3.8	3.8	0.0
-2.5°	5.7	3.8	3.8	0.0
-5°	5.7	3.8	3.8	0.0
-7.5°	5.7	3.8	3.8	0.0
-10°	5.7	3.8	3.8	0.0
-12.5°	7.5	3.8	3.8	0.0
-15°	7.5	3.8	3.8	0.0
-17.5°	7.5	3.8	3.8	0.0
-20°	7.5	3.8	3.8	0.0

REPORT NUMBER: P723694

CATALOG NUMBER: IFLD-S-SA2D-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	7.5	3.8	3.8	0.0
-25°	7.5	3.8	3.8	0.0
-27.5°	7.5	3.8	3.8	0.0
-30°	7.5	3.8	3.8	0.0
-32.5°	7.5	3.8	3.8	0.0
-35°	7.5	3.8	3.8	0.0
-37.5°	7.5	3.8	3.8	0.0
-40°	7.5	3.8	3.8	0.0
-42.5°	5.7	3.8	1.9	0.0
-45°	7.5	3.8	1.9	0.0
-47.5°	7.5	3.8	1.9	0.0
-50°	7.5	3.8	1.9	0.0
-52.5°	7.5	3.8	1.9	0.0
-55°	7.5	3.8	1.9	0.0
-57.5°	7.5	3.8	1.9	0.0
-60°	7.5	3.8	1.9	0.0
-62.5°	7.5	3.8	1.9	0.0
-65°	7.5	3.8	1.9	0.0
-67.5°	7.5	3.8	1.9	0.0
-70°	7.5	1.9	1.9	0.0
-72.5°	5.7	1.9	1.9	0.0
-75°	5.7	1.9	1.9	0.0
-77.5°	3.8	1.9	0.0	0.0
-80°	3.8	1.9	0.0	0.0
-82.5°	3.8	1.9	0.0	0.0
-85°	1.9	0.0	0.0	0.0
-87.5°	1.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)