

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: P723637

Luminaire Tested: **IFLD-S-SA2E-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723637
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	8013 lumens	Max Intensity:	188519.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	51.3 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:	2905.9 lumens	Field Lumens:	4632.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

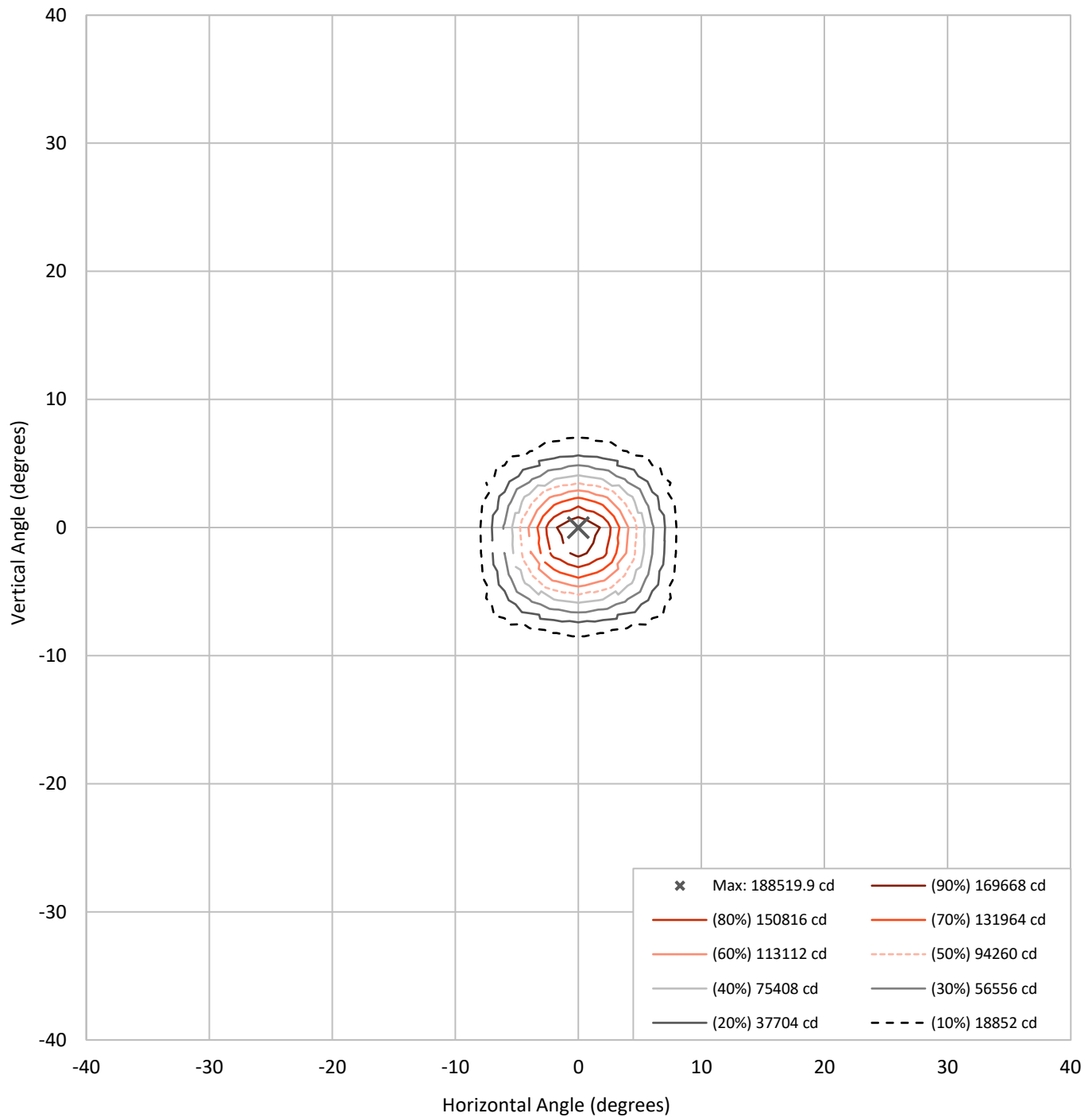
Input Watts (W): 156.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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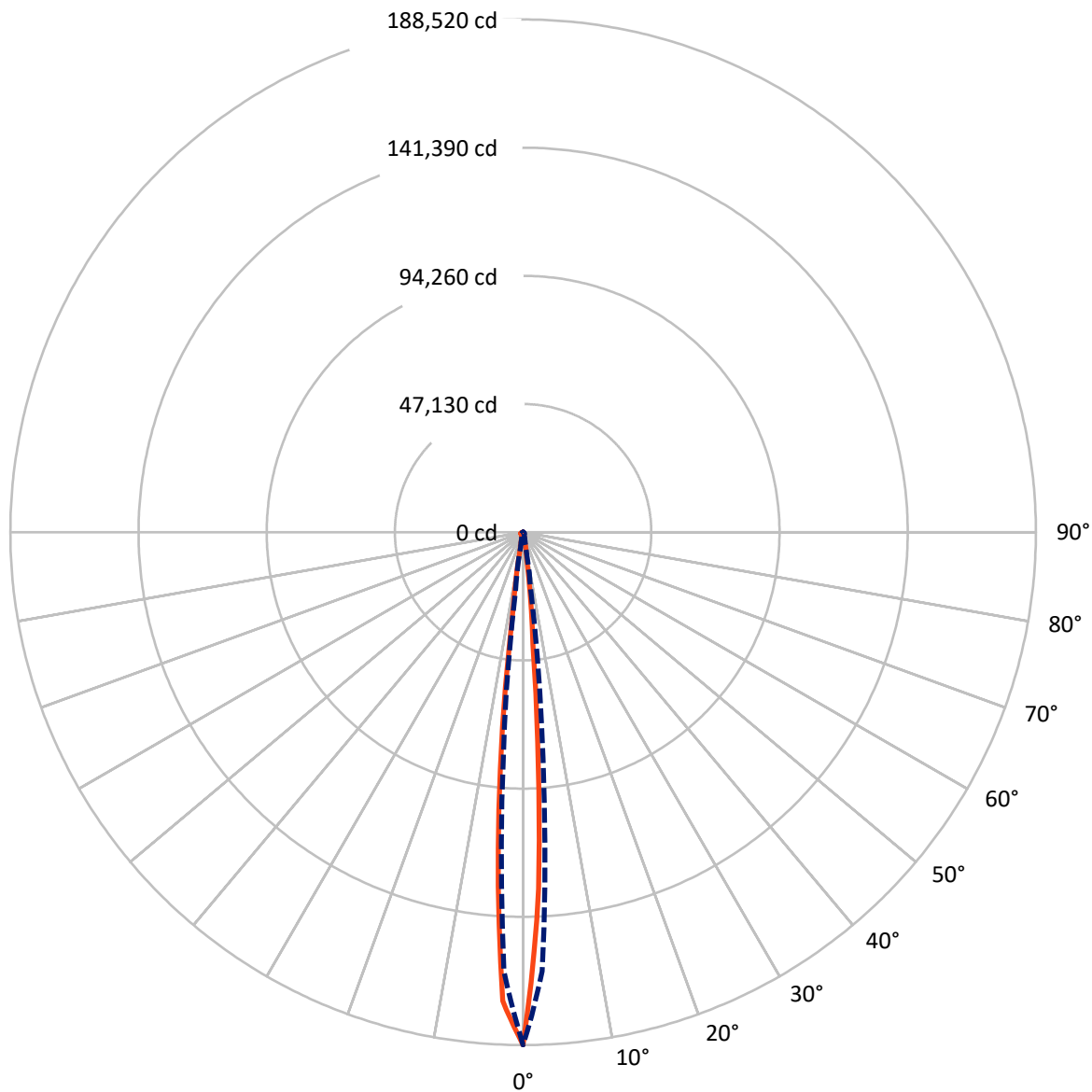
Lumen Table

90																	
80	0.1	1.8		1.9		0.7		0.2		0.7		1.9		1.8		0.1	
70	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	
60		0.3	0.4	0.9	2.1	3.4	4.3	5.0	5.0	4.3	3.4	2.1	0.9	0.4	0.3		
50	0.2	0.3	1.1	3.6	7.2	10.5	12.6	14.0	14.0	12.6	10.5	7.2	3.6	1.1	0.3	0.2	
40		0.5	2.8	7.5	12.2	14.3	15.5	16.0	16.0	15.5	14.3	12.2	7.5	2.8	0.5		
30	0.3	1.0	4.7	10.9	14.1	14.5	17.2	20.7	20.7	17.2	14.5	14.1	10.9	4.7	1.0	0.3	
20		1.6	6.7	13.4	15.1	17.0	29.8	50.9	50.9	29.8	17.0	15.1	13.4	6.7	1.6		
10	0.5	2.1	8.2	14.7	15.6	21.0	56.8	1051.9	1051.9	56.8	21.0	15.6	14.7	8.2	2.1	0.5	
0		2.5	8.9	15.5	16.2	21.7	61.1	1533.8	1533.8	61.1	21.7	16.2	15.5	8.9	2.5		
-10	0.8	2.6	9.2	16.3	17.5	19.5	35.5	68.2	68.2	35.5	19.5	17.5	16.3	9.2	2.6	0.8	
-20		2.5	8.7	16.5	19.7	19.7	23.0	28.1	28.1	23.0	19.7	19.7	16.5	8.7	2.5		
-30	0.8	2.2	7.7	15.8	21.6	23.6	24.5	24.7	24.7	24.5	23.6	21.6	15.8	7.7	2.2	0.8	
-40		1.9	6.2	13.4	20.9	25.4	28.4	29.8	29.8	28.4	25.4	20.9	13.4	6.2	1.9		
-50	0.7	1.8	4.8	10.4	17.8	23.9	27.8	29.4	29.4	27.8	23.9	17.8	10.4	4.8	1.8	0.7	
-60		1.6	4.2	8.5	14.8	20.9	25.3	27.3	27.3	25.3	20.9	14.8	8.5	4.2	1.6		
-70	0.3	5.0		14.8		27.3		30.2		27.3		14.8		5.0		0.3	
-80		5.0		14.8		27.3		30.2		27.3		14.8		5.0			
-90																	
Horizontal Angle (degrees)																	

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Luminous Intensity Polar Plot



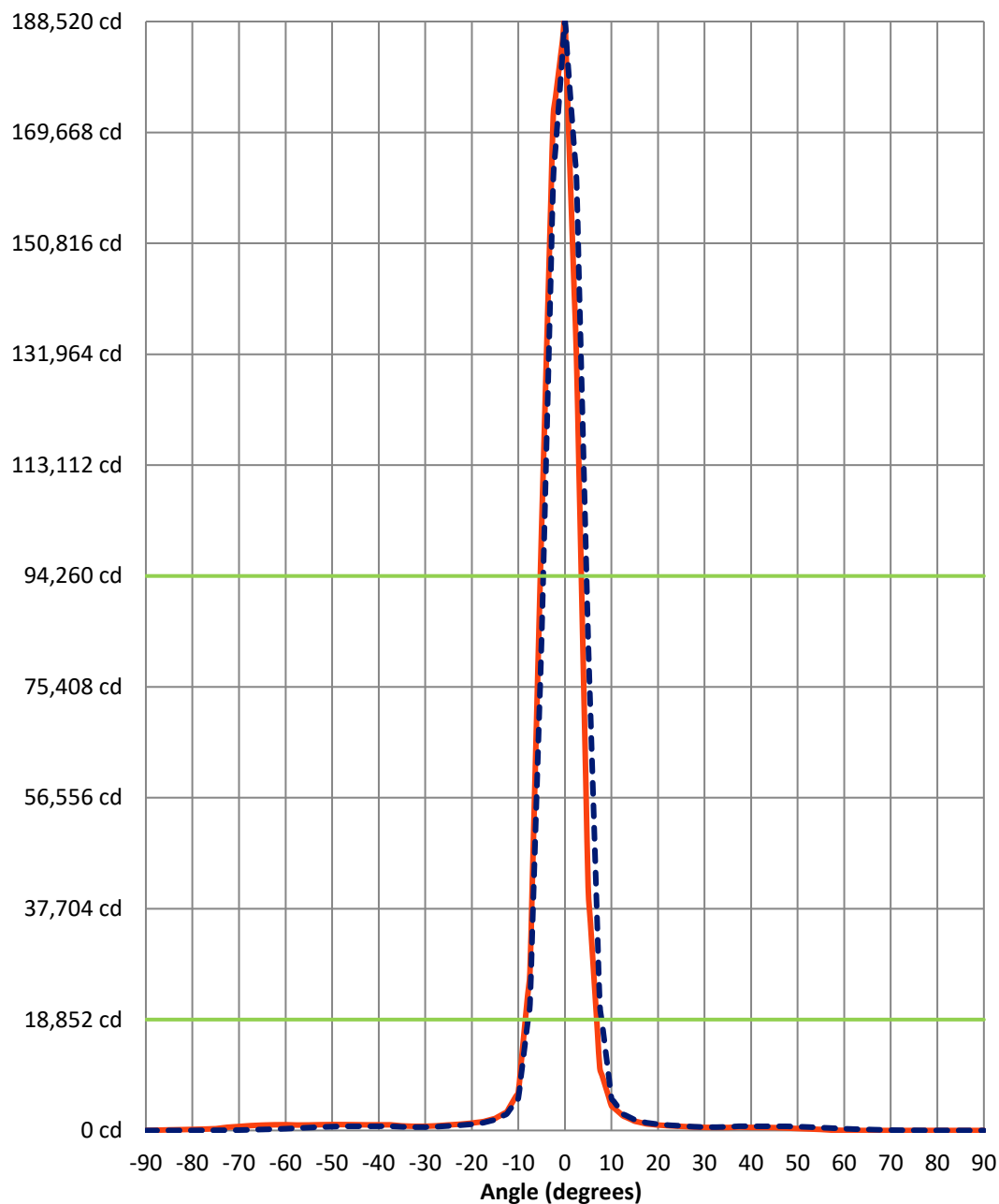
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 2905.9

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 4632.5

Efficiency: 57.8%

Spill:

Lumens: 3380.5

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	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	0.0	1.8	1.8	3.7	3.7	3.7	5.5	7.4	9.2	9.2	11.1
82.5°	0.0	1.8	1.8	3.7	3.7	5.5	5.5	9.2	11.1	12.9	16.6
80°	1.8	1.8	1.8	3.7	3.7	5.5	5.5	7.4	9.2	12.9	14.8
77.5°	0.0	1.8	1.8	1.8	3.7	3.7	3.7	5.5	7.4	9.2	11.1
75°	0.0	1.8	1.8	1.8	3.7	3.7	3.7	3.7	5.5	5.5	7.4
72.5°	0.0	0.0	0.0	1.8	1.8	3.7	3.7	3.7	5.5	5.5	5.5
70°	0.0	0.0	0.0	1.8	1.8	3.7	3.7	3.7	5.5	5.5	5.5
67.5°	0.0	0.0	0.0	1.8	1.8	3.7	3.7	3.7	5.5	5.5	5.5
65°	0.0	0.0	0.0	1.8	1.8	3.7	3.7	5.5	5.5	5.5	5.5
62.5°	1.8	1.8	1.8	3.7	5.5	5.5	7.4	9.2	9.2	9.2	9.2
60°	18.5	20.3	22.2	22.2	20.3	20.3	22.2	22.2	22.2	22.2	22.2
57.5°	49.9	53.6	55.5	55.5	55.5	53.6	61.0	62.9	55.5	51.8	57.3
55°	173.9	179.4	175.7	170.2	159.1	146.1	142.4	140.6	142.4	133.2	118.4
52.5°	253.4	259.0	257.1	253.4	246.0	236.8	229.4	222.0	214.6	199.8	183.1
50°	329.3	331.1	329.3	325.6	318.2	308.9	294.1	277.5	262.7	259.0	244.2
47.5°	414.4	419.9	419.9	418.1	412.5	395.9	373.7	349.6	338.5	334.8	320.0
45°	490.2	493.9	495.7	497.6	495.7	479.1	458.7	445.8	421.8	414.4	414.4
42.5°	510.5	512.4	514.2	516.1	521.6	508.7	492.0	469.8	464.3	462.4	458.7
40°	517.9	514.2	516.1	517.9	519.8	510.5	497.6	484.6	480.9	477.2	477.2
37.5°	588.2	571.6	558.6	547.5	538.3	529.0	516.1	505.0	495.7	488.3	495.7
35°	501.3	501.3	514.2	525.3	536.4	547.5	549.4	536.4	516.1	506.8	519.8
32.5°	512.4	512.4	512.4	516.1	519.8	529.0	538.3	543.8	558.6	542.0	542.0
30°	523.5	525.3	529.0	530.9	525.3	521.6	517.9	517.9	527.2	551.2	564.2
27.5°	588.2	588.2	582.7	575.3	558.6	532.7	519.8	501.3	503.1	514.2	545.7
25°	693.7	690.0	677.0	658.5	628.9	591.9	556.8	517.9	501.3	495.7	508.7
22.5°	793.6	788.0	771.4	754.7	730.7	693.7	634.5	575.3	523.5	501.3	495.7
20°	921.2	908.2	889.8	863.9	825.0	788.0	736.2	658.5	582.7	525.3	503.1
17.5°	1126.5	1109.9	1074.7	1028.5	961.9	904.5	830.6	756.6	671.5	579.0	529.0
15°	1576.0	1533.5	1472.4	1344.8	1213.5	1104.3	993.3	869.4	782.5	660.4	584.5
12.5°	2478.7	2362.2	2184.6	1886.8	1592.7	1339.3	1159.8	1000.7	860.2	747.3	640.0
10°	4195.3	3945.6	3455.4	2641.5	2099.5	1633.4	1311.5	1098.8	921.2	804.7	686.3
7.5°	10610.4	8655.2	6124.7	4182.4	2746.9	1995.9	1500.2	1191.3	985.9	841.7	723.3
5°	41354.0	34065.8	18172.4	7584.2	4132.4	2414.0	1670.4	1265.3	1028.5	869.4	751.0
2.5°	131244.7	113338.7	59463.5	16326.3	5074.0	2719.2	1786.9	1311.5	1052.5	889.8	771.4
0°	188519.9	161568.4	83453.4	21472.4	5503.1	2796.9	1823.9	1320.8	1056.2	893.5	771.4
-2.5°	172463.7	150939.5	80615.9	19981.5	5623.4	2819.1	1853.5	1352.2	1084.0	910.1	776.9
-5°	102476.7	89887.0	56235.6	14247.1	4996.3	2617.5	1775.8	1324.5	1065.5	900.8	773.2
-7.5°	26999.6	23374.0	15375.5	7434.3	3233.4	2214.2	1631.5	1278.2	1041.4	884.2	758.4
-10°	6509.4	6169.1	5510.5	3377.7	2517.6	1849.8	1446.5	1195.0	993.3	862.0	734.4
-12.5°	3139.1	3065.1	2782.1	2293.7	1868.3	1537.2	1309.7	1108.0	948.9	823.2	701.1
-15°	2042.2	1999.6	1903.4	1716.6	1500.2	1341.1	1182.0	1019.2	893.5	765.8	673.3
-17.5°	1511.3	1509.4	1461.3	1391.0	1283.8	1165.4	1048.8	945.2	823.2	714.0	643.7
-20°	1252.3	1252.3	1224.6	1178.3	1102.5	1024.8	947.1	850.9	751.0	669.6	640.0

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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°	1063.6	1065.5	1050.7	1021.1	980.4	915.6	839.8	762.1	690.0	660.4	651.1
-25°	941.5	937.8	921.2	893.5	850.9	799.1	749.2	697.4	677.0	669.6	682.6
-27.5°	797.3	802.8	795.4	782.5	754.7	717.7	706.6	691.8	695.5	706.6	756.6
-30°	712.2	717.7	725.1	730.7	721.4	712.2	715.9	727.0	751.0	793.6	812.1
-32.5°	712.2	714.0	725.1	736.2	741.8	749.2	769.5	806.5	841.7	830.6	826.9
-35°	776.9	771.4	786.2	801.0	821.3	847.2	869.4	862.0	849.1	845.4	849.1
-37.5°	961.9	926.7	911.9	902.7	897.1	893.5	887.9	882.4	876.8	873.1	878.7
-40°	960.0	950.8	941.5	934.1	928.6	921.2	917.5	915.6	910.1	906.4	902.7
-42.5°	956.3	960.0	960.0	958.2	960.0	958.2	952.6	945.2	936.0	928.6	921.2
-45°	984.1	985.9	989.6	993.3	998.9	991.5	980.4	967.4	954.5	943.4	934.1
-47.5°	1000.7	1002.6	1006.3	1011.8	1015.5	1008.1	993.3	976.7	956.3	937.8	919.3
-50°	1006.3	1011.8	1013.7	1013.7	1011.8	1002.6	980.4	956.3	934.1	915.6	899.0
-52.5°	980.4	985.9	987.8	984.1	982.2	973.0	952.6	930.4	906.4	893.5	878.7
-55°	937.8	945.2	950.8	950.8	950.8	948.9	930.4	910.1	891.6	876.8	862.0
-57.5°	921.2	934.1	945.2	947.1	948.9	950.8	937.8	917.5	895.3	873.1	854.6
-60°	982.2	993.3	998.9	991.5	985.9	980.4	960.0	936.0	913.8	891.6	856.5
-62.5°	965.6	984.1	993.3	987.8	980.4	971.1	948.9	921.2	895.3	871.3	836.1
-65°	911.9	928.6	939.7	930.4	919.3	906.4	886.1	860.2	836.1	812.1	780.6
-67.5°	821.3	845.4	863.9	843.5	828.7	812.1	795.4	773.2	749.2	721.4	691.8
-70°	678.9	697.4	714.0	708.5	704.8	701.1	690.0	667.8	647.4	625.2	599.3
-72.5°	545.7	562.3	577.1	567.9	560.5	549.4	532.7	508.7	484.6	460.6	436.6
-75°	301.5	307.1	312.6	310.8	310.8	310.8	310.8	312.6	308.9	303.4	292.3
-77.5°	231.2	238.6	244.2	247.9	253.4	260.8	266.4	257.1	247.9	238.6	227.5
-80°	181.3	188.7	194.2	214.6	229.4	246.0	257.1	244.2	231.2	220.1	210.9
-82.5°	136.9	142.4	148.0	159.1	166.5	175.7	183.1	183.1	181.3	179.4	173.9
-85°	99.9	107.3	114.7	118.4	123.9	123.9	125.8	118.4	111.0	105.4	98.0
-87.5°	57.3	59.2	59.2	59.2	61.0	61.0	61.0	57.3	55.5	51.8	49.9
-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°	1.8	1.8	1.8	3.7	3.7	5.5	5.5	7.4	7.4	9.2	9.2
85°	11.1	11.1	11.1	12.9	12.9	14.8	16.6	18.5	20.3	20.3	22.2
82.5°	18.5	20.3	22.2	24.0	25.9	27.7	29.6	31.4	37.0	40.7	42.5
80°	18.5	20.3	25.9	29.6	33.3	37.0	37.0	37.0	37.0	38.8	42.5
77.5°	12.9	14.8	16.6	20.3	29.6	37.0	42.5	46.2	42.5	40.7	37.0
75°	7.4	9.2	11.1	12.9	18.5	25.9	35.1	44.4	51.8	49.9	46.2
72.5°	7.4	7.4	9.2	11.1	12.9	14.8	16.6	25.9	37.0	46.2	51.8
70°	7.4	9.2	9.2	11.1	12.9	14.8	16.6	20.3	25.9	37.0	48.1
67.5°	7.4	9.2	9.2	12.9	16.6	18.5	20.3	18.5	16.6	24.0	35.1
65°	7.4	7.4	9.2	11.1	12.9	14.8	20.3	20.3	18.5	18.5	18.5
62.5°	11.1	11.1	11.1	11.1	12.9	12.9	12.9	16.6	16.6	16.6	16.6
60°	22.2	20.3	20.3	20.3	20.3	16.6	16.6	16.6	14.8	16.6	14.8
57.5°	53.6	44.4	40.7	40.7	35.1	33.3	27.7	20.3	20.3	16.6	16.6
55°	109.1	103.6	86.9	72.1	64.7	57.3	44.4	37.0	27.7	22.2	20.3
52.5°	168.3	153.5	138.7	120.2	101.7	86.9	74.0	57.3	46.2	33.3	25.9
50°	220.1	207.2	190.5	170.2	146.1	127.6	109.1	86.9	68.4	51.8	37.0
47.5°	299.7	273.8	253.4	229.4	201.6	175.7	151.7	125.8	96.2	75.8	57.3
45°	384.8	347.8	320.0	297.8	260.8	225.7	197.9	170.2	135.0	99.9	77.7
42.5°	444.0	416.2	379.2	349.6	316.3	279.3	242.3	212.7	175.7	135.0	99.9
40°	475.4	456.9	427.3	401.4	366.3	325.6	286.7	257.1	218.3	173.9	125.8
37.5°	499.4	490.2	475.4	455.0	421.8	373.7	334.8	299.7	266.4	214.6	162.8
35°	527.2	525.3	516.1	506.8	479.1	432.9	386.6	345.9	305.2	257.1	199.8
32.5°	553.1	551.2	545.7	542.0	530.9	490.2	440.3	394.0	347.8	297.8	234.9
30°	566.0	562.3	562.3	566.0	554.9	529.0	492.0	442.1	390.3	331.1	271.9
27.5°	566.0	562.3	564.2	569.7	567.9	554.9	527.2	486.5	429.2	362.6	305.2
25°	542.0	560.5	560.5	567.9	569.7	566.0	551.2	525.3	466.1	395.9	331.1
22.5°	508.7	553.1	569.7	567.9	569.7	579.0	580.8	556.8	501.3	429.2	357.0
20°	508.7	540.1	588.2	575.3	579.0	599.3	608.6	588.2	538.3	460.6	382.9
17.5°	519.8	540.1	580.8	601.2	606.7	623.4	638.2	625.2	571.6	493.9	418.1
15°	551.2	547.5	575.3	625.2	634.5	647.4	664.1	649.3	601.2	530.9	451.3
12.5°	573.4	553.1	575.3	628.9	658.5	671.5	677.0	665.9	627.1	564.2	484.6
10°	603.0	567.9	579.0	625.2	667.8	677.0	682.6	678.9	651.1	591.9	514.2
7.5°	625.2	575.3	575.3	619.7	677.0	684.4	688.1	691.8	671.5	616.0	540.1
5°	634.5	575.3	571.6	614.1	686.3	693.7	693.7	699.2	686.3	634.5	558.6
2.5°	636.3	573.4	567.9	610.4	702.9	702.9	699.2	704.8	697.4	645.6	571.6
0°	645.6	571.6	566.0	616.0	721.4	714.0	704.8	706.6	702.9	651.1	579.0
-2.5°	645.6	580.8	573.4	619.7	719.6	717.7	714.0	715.9	712.2	667.8	593.8
-5°	654.8	593.8	586.4	636.3	717.7	723.3	725.1	725.1	719.6	678.9	603.0
-7.5°	656.7	603.0	601.2	653.0	721.4	730.7	736.2	739.9	728.8	686.3	610.4
-10°	647.4	606.7	616.0	673.3	725.1	738.1	749.2	754.7	736.2	690.0	614.1
-12.5°	627.1	606.7	630.8	699.2	734.4	749.2	765.8	767.7	743.6	691.8	616.0
-15°	625.2	621.5	656.7	725.1	739.9	758.4	784.3	778.8	749.2	691.8	616.0
-17.5°	623.4	641.9	695.5	734.4	749.2	769.5	789.9	784.3	752.9	691.8	612.3
-20°	640.0	675.2	741.8	743.6	760.3	782.5	793.6	782.5	747.3	686.3	606.7



REPORT NUMBER: P723637

CATALOG NUMBER: IFLD-S-SA2E-727-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°	667.8	734.4	756.6	764.0	778.8	795.4	801.0	784.3	741.8	677.0	597.5
-25°	738.1	771.4	771.4	788.0	802.8	810.2	804.7	786.2	734.4	667.8	588.2
-27.5°	791.7	789.9	799.1	815.8	828.7	828.7	813.9	776.9	723.3	658.5	575.3
-30°	812.1	813.9	826.9	845.4	849.1	839.8	817.6	769.5	714.0	643.7	558.6
-32.5°	832.4	839.8	856.5	865.7	867.6	849.1	808.4	756.6	699.2	627.1	540.1
-35°	856.5	871.3	880.5	882.4	873.1	841.7	795.4	739.9	677.0	603.0	523.5
-37.5°	887.9	895.3	900.8	893.5	867.6	830.6	773.2	717.7	656.7	577.1	499.4
-40°	908.2	911.9	913.8	889.8	858.3	804.7	749.2	691.8	621.5	547.5	473.5
-42.5°	921.2	917.5	902.7	876.8	830.6	778.8	725.1	660.4	590.1	517.9	445.8
-45°	917.5	904.5	882.4	850.9	802.8	751.0	688.1	623.4	556.8	486.5	414.4
-47.5°	902.7	882.4	854.6	817.6	773.2	710.3	647.4	584.5	519.8	451.3	384.8
-50°	884.2	860.2	826.9	780.6	721.4	664.1	606.7	545.7	479.1	416.2	357.0
-52.5°	863.9	838.0	795.4	743.6	678.9	619.7	564.2	505.0	444.0	384.8	333.0
-55°	841.7	815.8	767.7	708.5	643.7	579.0	525.3	475.4	416.2	358.9	312.6
-57.5°	830.6	797.3	747.3	688.1	619.7	553.1	506.8	453.2	399.6	340.4	296.0
-60°	821.3	788.0	741.8	673.3	608.6	545.7	492.0	440.3	382.9	327.4	283.0
-62.5°	795.4	760.3	717.7	651.1	588.2	530.9	482.8	421.8	366.3	314.5	273.8
-65°	743.6	706.6	669.6	610.4	553.1	499.4	451.3	395.9	344.1	299.7	264.5
-67.5°	662.2	630.8	597.5	547.5	499.4	451.3	407.0	358.9	316.3	284.9	266.4
-70°	571.6	538.3	505.0	464.3	423.6	384.8	349.6	314.5	286.7	270.1	255.3
-72.5°	416.2	401.4	384.8	353.3	320.0	296.0	279.3	264.5	244.2	229.4	220.1
-75°	277.5	257.1	231.2	220.1	222.0	218.3	209.0	197.9	188.7	183.1	170.2
-77.5°	216.4	205.3	192.4	179.4	173.9	168.3	160.9	151.7	144.3	131.3	112.8
-80°	199.8	190.5	181.3	172.0	162.8	149.8	135.0	120.2	112.8	107.3	105.4
-82.5°	164.6	153.5	142.4	133.2	120.2	111.0	101.7	94.3	94.3	92.5	90.6
-85°	94.3	90.6	85.1	81.4	77.7	72.1	66.6	62.9	61.0	59.2	57.3
-87.5°	48.1	46.2	42.5	40.7	38.8	37.0	33.3	31.4	29.6	29.6	27.7
-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: P723637

CATALOG NUMBER: IFLD-S-SA2E-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°	9.2	9.2	7.4	7.4	7.4	5.5	3.7	3.7	1.8	1.8	0.0
85°	22.2	18.5	16.6	14.8	14.8	11.1	7.4	5.5	3.7	1.8	1.8
82.5°	42.5	37.0	31.4	27.7	22.2	16.6	12.9	9.2	5.5	3.7	1.8
80°	48.1	48.1	46.2	38.8	31.4	24.0	16.6	11.1	7.4	5.5	3.7
77.5°	37.0	40.7	40.7	40.7	38.8	29.6	20.3	12.9	7.4	5.5	3.7
75°	42.5	37.0	35.1	37.0	35.1	29.6	24.0	14.8	9.2	7.4	3.7
72.5°	51.8	44.4	38.8	37.0	33.3	27.7	22.2	16.6	9.2	7.4	5.5
70°	48.1	46.2	42.5	38.8	33.3	27.7	22.2	16.6	11.1	7.4	5.5
67.5°	42.5	42.5	42.5	38.8	33.3	25.9	20.3	14.8	11.1	7.4	5.5
65°	29.6	35.1	38.8	37.0	33.3	25.9	20.3	14.8	11.1	9.2	5.5
62.5°	18.5	24.0	31.4	35.1	31.4	25.9	18.5	14.8	11.1	9.2	5.5
60°	16.6	18.5	22.2	27.7	29.6	24.0	18.5	12.9	11.1	9.2	5.5
57.5°	16.6	16.6	18.5	22.2	24.0	22.2	16.6	11.1	11.1	9.2	7.4
55°	18.5	16.6	16.6	18.5	20.3	20.3	16.6	11.1	11.1	9.2	7.4
52.5°	22.2	18.5	16.6	16.6	16.6	18.5	14.8	11.1	11.1	9.2	7.4
50°	27.7	22.2	20.3	16.6	16.6	16.6	14.8	11.1	9.2	9.2	7.4
47.5°	37.0	29.6	22.2	20.3	16.6	14.8	12.9	11.1	9.2	9.2	7.4
45°	55.5	35.1	29.6	22.2	18.5	16.6	14.8	11.1	9.2	9.2	7.4
42.5°	75.8	51.8	37.0	25.9	20.3	16.6	14.8	12.9	9.2	9.2	7.4
40°	96.2	70.3	46.2	33.3	24.0	18.5	14.8	12.9	11.1	9.2	7.4
37.5°	118.4	86.9	61.0	42.5	27.7	20.3	16.6	12.9	11.1	9.2	7.4
35°	146.1	109.1	75.8	51.8	33.3	24.0	18.5	12.9	11.1	9.2	7.4
32.5°	177.6	129.5	90.6	62.9	42.5	29.6	20.3	14.8	11.1	9.2	7.4
30°	207.2	153.5	107.3	75.8	51.8	33.3	22.2	14.8	11.1	9.2	5.5
27.5°	236.8	177.6	127.6	88.8	62.9	38.8	24.0	16.6	11.1	9.2	7.4
25°	266.4	201.6	148.0	101.7	72.1	46.2	29.6	18.5	11.1	9.2	7.4
22.5°	292.3	225.7	166.5	116.5	83.2	53.6	33.3	20.3	12.9	9.2	7.4
20°	321.9	251.6	186.8	133.2	92.5	61.0	37.0	22.2	12.9	9.2	7.4
17.5°	349.6	277.5	207.2	148.0	103.6	68.4	42.5	24.0	14.8	9.2	7.4
15°	377.4	301.5	225.7	162.8	114.7	75.8	46.2	25.9	16.6	9.2	7.4
12.5°	403.3	323.7	242.3	175.7	123.9	83.2	49.9	27.7	18.5	9.2	7.4
10°	427.3	344.1	259.0	186.8	133.2	88.8	53.6	31.4	20.3	9.2	7.4
7.5°	451.3	360.7	271.9	197.9	144.3	96.2	57.3	33.3	22.2	11.1	7.4
5°	466.1	375.5	283.0	207.2	153.5	103.6	61.0	35.1	24.0	11.1	7.4
2.5°	479.1	386.6	290.4	216.4	162.8	109.1	61.0	37.0	25.9	11.1	7.4
0°	486.5	394.0	296.0	222.0	170.2	112.8	62.9	38.8	27.7	11.1	7.4
-2.5°	503.1	407.0	308.9	229.4	177.6	123.9	66.6	40.7	29.6	12.9	7.4
-5°	514.2	414.4	318.2	236.8	183.1	135.0	72.1	44.4	33.3	16.6	9.2
-7.5°	523.5	421.8	325.6	240.5	188.7	138.7	74.0	46.2	35.1	18.5	9.2
-10°	525.3	425.5	331.1	246.0	192.4	144.3	75.8	48.1	37.0	20.3	9.2
-12.5°	527.2	429.2	333.0	249.7	196.1	148.0	77.7	49.9	38.8	22.2	9.2
-15°	525.3	427.3	333.0	253.4	197.9	144.3	81.4	51.8	40.7	24.0	9.2
-17.5°	521.6	425.5	331.1	251.6	196.1	140.6	83.2	55.5	40.7	25.9	11.1
-20°	516.1	419.9	327.4	249.7	194.2	136.9	85.1	57.3	42.5	25.9	11.1

REPORT NUMBER: P723637

CATALOG NUMBER: IFLD-S-SA2E-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°	506.8	410.7	320.0	244.2	190.5	133.2	85.1	61.0	44.4	25.9	11.1
-25°	495.7	401.4	312.6	236.8	185.0	127.6	85.1	62.9	46.2	25.9	11.1
-27.5°	482.8	392.2	301.5	231.2	177.6	123.9	85.1	64.7	48.1	25.9	11.1
-30°	468.0	379.2	292.3	222.0	172.0	123.9	86.9	66.6	49.9	25.9	11.1
-32.5°	453.2	366.3	281.2	214.6	164.6	122.1	86.9	68.4	51.8	24.0	12.9
-35°	436.6	351.5	271.9	209.0	159.1	118.4	88.8	68.4	49.9	24.0	12.9
-37.5°	416.2	333.0	262.7	203.5	155.4	114.7	88.8	70.3	48.1	24.0	12.9
-40°	394.0	318.2	251.6	196.1	149.8	112.8	88.8	70.3	46.2	24.0	14.8
-42.5°	370.0	301.5	240.5	188.7	144.3	111.0	88.8	70.3	44.4	24.0	14.8
-45°	347.8	284.9	227.5	179.4	138.7	111.0	88.8	68.4	40.7	25.9	14.8
-47.5°	323.7	266.4	212.7	170.2	136.9	109.1	86.9	64.7	37.0	25.9	14.8
-50°	303.4	247.9	201.6	160.9	133.2	111.0	88.8	59.2	37.0	25.9	14.8
-52.5°	283.0	234.9	188.7	157.2	129.5	112.8	86.9	55.5	37.0	25.9	14.8
-55°	266.4	222.0	181.3	151.7	133.2	116.5	83.2	49.9	37.0	25.9	14.8
-57.5°	253.4	214.6	175.7	153.5	138.7	112.8	77.7	48.1	37.0	24.0	14.8
-60°	244.2	207.2	177.6	160.9	140.6	107.3	74.0	48.1	37.0	24.0	12.9
-62.5°	236.8	209.0	186.8	166.5	133.2	99.9	70.3	48.1	33.3	22.2	12.9
-65°	238.6	216.4	190.5	159.1	127.6	92.5	64.7	46.2	31.4	20.3	12.9
-67.5°	244.2	210.9	179.4	149.8	114.7	83.2	59.2	42.5	29.6	20.3	12.9
-70°	225.7	194.2	162.8	127.6	98.0	72.1	55.5	38.8	25.9	18.5	12.9
-72.5°	203.5	162.8	129.5	103.6	83.2	66.6	49.9	35.1	24.0	16.6	11.1
-75°	148.0	118.4	96.2	86.9	74.0	59.2	44.4	31.4	22.2	16.6	11.1
-77.5°	105.4	98.0	88.8	79.5	66.6	51.8	38.8	29.6	20.3	14.8	9.2
-80°	103.6	94.3	83.2	68.4	55.5	44.4	33.3	25.9	18.5	12.9	7.4
-82.5°	86.9	74.0	62.9	51.8	42.5	35.1	27.7	20.3	14.8	9.2	5.5
-85°	53.6	46.2	40.7	35.1	29.6	24.0	18.5	12.9	9.2	5.5	3.7
-87.5°	25.9	24.0	20.3	16.6	14.8	11.1	9.2	7.4	5.5	3.7	1.8
-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: P723637

CATALOG NUMBER: IFLD-S-SA2E-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°	1.8	0.0	0.0	0.0
80°	1.8	0.0	0.0	0.0
77.5°	1.8	0.0	0.0	0.0
75°	1.8	1.8	0.0	0.0
72.5°	1.8	1.8	0.0	0.0
70°	3.7	1.8	1.8	0.0
67.5°	3.7	1.8	1.8	0.0
65°	3.7	1.8	1.8	0.0
62.5°	3.7	1.8	1.8	0.0
60°	3.7	1.8	1.8	0.0
57.5°	3.7	1.8	1.8	0.0
55°	3.7	1.8	1.8	0.0
52.5°	3.7	1.8	1.8	0.0
50°	3.7	1.8	1.8	0.0
47.5°	3.7	3.7	1.8	0.0
45°	3.7	3.7	1.8	0.0
42.5°	3.7	3.7	1.8	0.0
40°	3.7	3.7	1.8	0.0
37.5°	3.7	3.7	1.8	0.0
35°	3.7	3.7	1.8	0.0
32.5°	5.5	3.7	1.8	0.0
30°	5.5	3.7	3.7	0.0
27.5°	5.5	3.7	3.7	0.0
25°	5.5	3.7	3.7	0.0
22.5°	5.5	3.7	3.7	0.0
20°	5.5	3.7	3.7	0.0
17.5°	5.5	3.7	3.7	0.0
15°	5.5	3.7	3.7	0.0
12.5°	5.5	3.7	3.7	0.0
10°	5.5	3.7	3.7	0.0
7.5°	5.5	3.7	3.7	0.0
5°	5.5	3.7	3.7	0.0
2.5°	5.5	3.7	3.7	0.0
0°	5.5	3.7	3.7	0.0
-2.5°	5.5	3.7	3.7	0.0
-5°	5.5	3.7	3.7	0.0
-7.5°	5.5	3.7	3.7	0.0
-10°	5.5	3.7	3.7	0.0
-12.5°	7.4	3.7	3.7	0.0
-15°	7.4	3.7	3.7	0.0
-17.5°	7.4	3.7	3.7	0.0
-20°	7.4	3.7	3.7	0.0

REPORT NUMBER: P723637

CATALOG NUMBER: IFLD-S-SA2E-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	7.4	3.7	3.7	0.0
-25°	7.4	3.7	3.7	0.0
-27.5°	7.4	3.7	3.7	0.0
-30°	7.4	3.7	3.7	0.0
-32.5°	7.4	3.7	3.7	0.0
-35°	7.4	3.7	3.7	0.0
-37.5°	7.4	3.7	3.7	0.0
-40°	7.4	3.7	3.7	0.0
-42.5°	5.5	3.7	1.8	0.0
-45°	7.4	3.7	1.8	0.0
-47.5°	7.4	3.7	1.8	0.0
-50°	7.4	3.7	1.8	0.0
-52.5°	7.4	3.7	1.8	0.0
-55°	7.4	3.7	1.8	0.0
-57.5°	7.4	3.7	1.8	0.0
-60°	7.4	3.7	1.8	0.0
-62.5°	7.4	3.7	1.8	0.0
-65°	7.4	3.7	1.8	0.0
-67.5°	7.4	3.7	1.8	0.0
-70°	7.4	1.8	1.8	0.0
-72.5°	5.5	1.8	1.8	0.0
-75°	5.5	1.8	1.8	0.0
-77.5°	3.7	1.8	0.0	0.0
-80°	3.7	1.8	0.0	0.0
-82.5°	3.7	1.8	0.0	0.0
-85°	1.8	0.0	0.0	0.0
-87.5°	1.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)