

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: P723611

Luminaire Tested: **IFLD-S-SA3C-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723611
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	8259.9 lumens	Max Intensity:	194325.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	51.4 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:	2995.4 lumens	Field Lumens:	4775.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

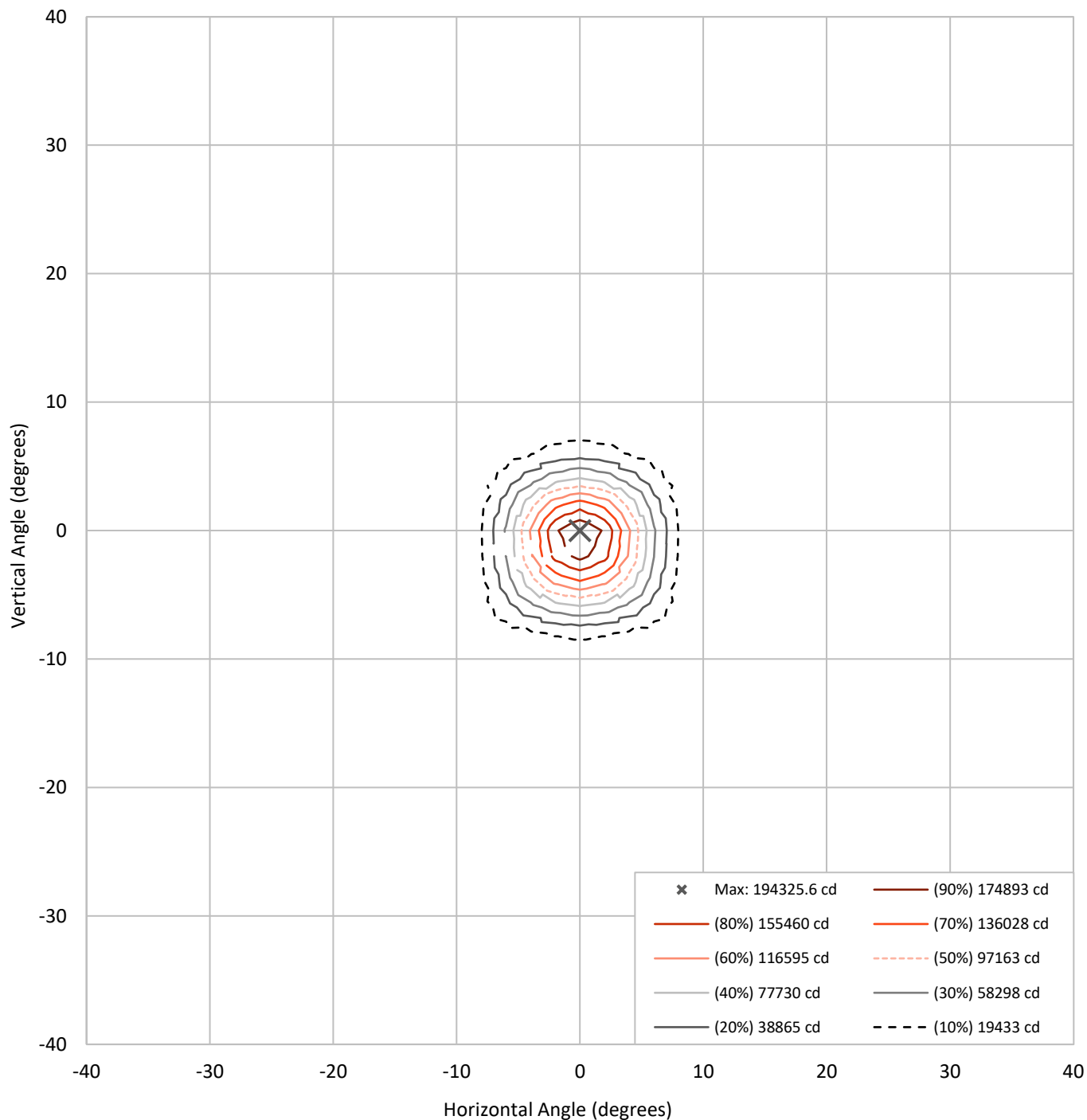
Input Watts (W): 160.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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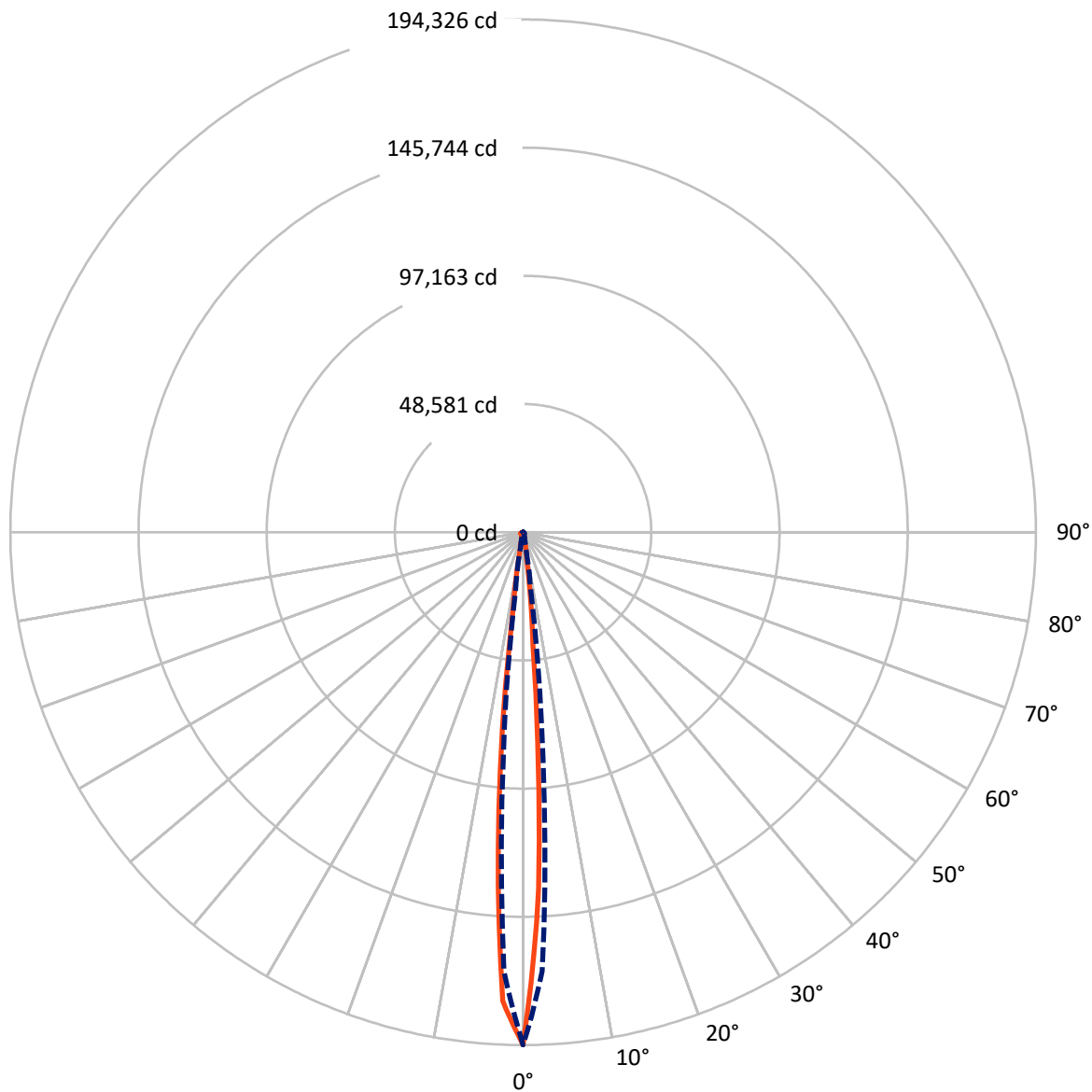
Lumen Table

90																			
80	0.1	1.8		2.0		0.8		0.2		0.8		2.0		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	1.0	2.1	3.5	4.5	5.1	5.1	4.5	3.5	2.1	1.0	0.4	0.3				
50	0.2	0.3	1.1	3.8	7.4	10.8	13.0	14.4	14.4	13.0	10.8	7.4	3.8	1.1	0.3	0.2			
40		0.6	2.9	7.7	12.6	14.8	15.9	16.5	16.5	15.9	14.8	12.6	7.7	2.9	0.6				
30	0.3	1.1	4.9	11.2	14.6	15.0	17.7	21.3	21.3	17.7	15.0	14.6	11.2	4.9	1.1	0.3			
20		1.7	6.9	13.8	15.5	17.5	30.8	52.4	52.4	30.8	17.5	15.5	13.8	6.9	1.7				
10	0.6	2.2	8.4	15.2	16.1	21.6	58.5	1084.3	1084.3	58.5	21.6	16.1	15.2	8.4	2.2	0.6			
0		2.6	9.2	15.9	16.7	22.3	63.0	1581.0	1581.0	63.0	22.3	16.7	15.9	9.2	2.6				
-10	0.8	2.7	9.5	16.8	18.1	20.2	36.6	70.3	70.3	36.6	20.2	18.1	16.8	9.5	2.7	0.8			
-20		2.6	9.0	17.0	20.3	20.3	23.7	29.0	29.0	23.7	20.3	20.3	17.0	9.0	2.6				
-30	0.9	2.3	7.9	16.3	22.3	24.3	25.3	25.5	25.5	25.3	24.3	22.3	16.3	7.9	2.3	0.9			
-40		2.0	6.4	13.8	21.5	26.1	29.3	30.7	30.7	29.3	26.1	21.5	13.8	6.4	2.0				
-50	0.7	1.8	4.9	10.7	18.3	24.6	28.6	30.3	30.3	28.6	24.6	18.3	10.7	4.9	1.8	0.7			
-60		1.7	4.3	8.7	15.3	21.5	26.1	28.2	28.2	26.1	21.5	15.3	8.7	4.3	1.7				
-70																			
-80	0.3	5.1		15.2		28.2		31.1		28.2		15.2		5.1		0.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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Luminous Intensity Polar Plot



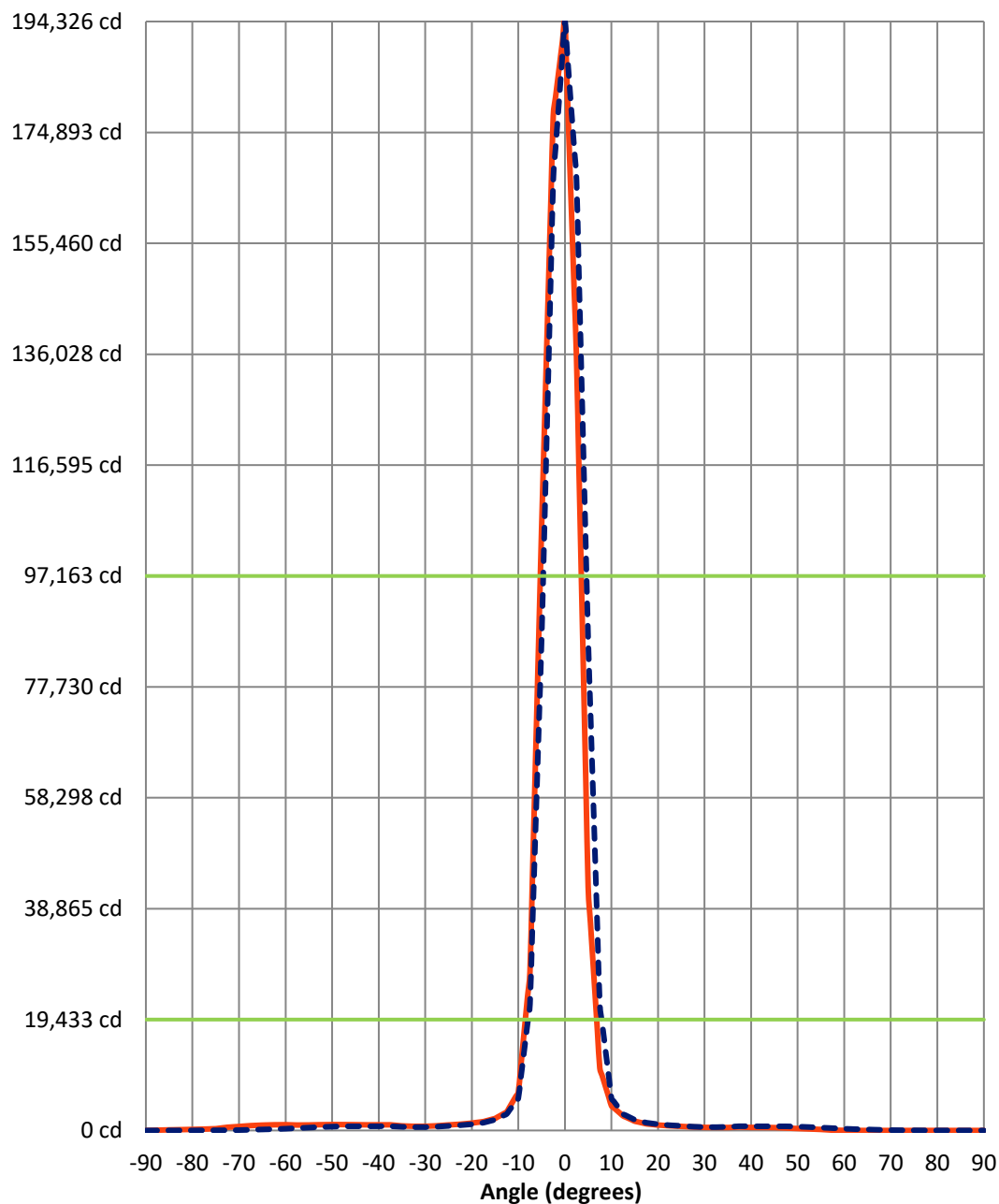
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 2995.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 4775.2

Efficiency: 57.8%

Spill:

Lumens: 3484.7

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	7.6	9.5	9.5	11.4
82.5°	0.0	1.9	1.9	3.8	3.8	5.7	5.7	9.5	11.4	13.3	17.2
80°	1.9	1.9	1.9	3.8	3.8	5.7	5.7	7.6	9.5	13.3	15.3
77.5°	0.0	1.9	1.9	1.9	3.8	3.8	3.8	5.7	7.6	9.5	11.4
75°	0.0	1.9	1.9	1.9	3.8	3.8	3.8	3.8	5.7	5.7	7.6
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	7.6	9.5	9.5	9.5	9.5
60°	19.1	21.0	22.9	22.9	21.0	21.0	22.9	22.9	22.9	22.9	22.9
57.5°	51.5	55.3	57.2	57.2	57.2	55.3	62.9	64.8	57.2	53.4	59.1
55°	179.2	185.0	181.1	175.4	164.0	150.6	146.8	144.9	146.8	137.3	122.0
52.5°	261.2	266.9	265.0	261.2	253.6	244.1	236.4	228.8	221.2	205.9	188.8
50°	339.4	341.3	339.4	335.6	328.0	318.4	303.2	286.0	270.8	266.9	251.7
47.5°	427.1	432.8	432.8	430.9	425.2	408.0	385.2	360.4	348.9	345.1	329.9
45°	505.3	509.1	511.0	512.9	511.0	493.9	472.9	459.5	434.7	427.1	427.1
42.5°	526.3	528.2	530.1	532.0	537.7	524.4	507.2	484.3	478.6	476.7	472.9
40°	533.9	530.1	532.0	533.9	535.8	526.3	512.9	499.6	495.8	491.9	491.9
37.5°	606.3	589.2	575.8	564.4	554.9	545.3	532.0	520.5	511.0	503.4	511.0
35°	516.7	516.7	530.1	541.5	553.0	564.4	566.3	553.0	532.0	522.5	535.8
32.5°	528.2	528.2	528.2	532.0	535.8	545.3	554.9	560.6	575.8	558.7	558.7
30°	539.6	541.5	545.3	547.2	541.5	537.7	533.9	533.9	543.4	568.2	581.6
27.5°	606.3	606.3	600.6	593.0	575.8	549.1	535.8	516.7	518.6	530.1	562.5
25°	715.0	711.2	697.9	678.8	648.3	610.2	573.9	533.9	516.7	511.0	524.4
22.5°	818.0	812.3	795.1	778.0	753.2	715.0	654.0	593.0	539.6	516.7	511.0
20°	949.6	936.2	917.2	890.5	850.4	812.3	758.9	678.8	600.6	541.5	518.6
17.5°	1161.2	1144.1	1107.8	1060.2	991.5	932.4	856.1	779.9	692.2	596.8	545.3
15°	1624.6	1580.7	1517.8	1386.2	1250.8	1138.3	1023.9	896.2	806.6	680.7	602.5
12.5°	2555.1	2434.9	2251.9	1944.9	1641.7	1380.5	1195.5	1031.6	886.6	770.3	659.7
10°	4324.5	4067.1	3561.8	2722.9	2164.2	1683.7	1351.9	1132.6	949.6	829.4	707.4
7.5°	10937.2	8921.7	6313.3	4311.2	2831.5	2057.4	1546.4	1228.0	1016.3	867.6	745.5
5°	42627.5	35114.9	18732.0	7817.7	4259.7	2488.3	1721.8	1304.2	1060.2	896.2	774.1
2.5°	135286.5	116829.1	61294.7	16829.1	5230.2	2802.9	1841.9	1351.9	1084.9	917.2	795.1
0°	194325.6	166544.1	86023.5	22133.7	5672.6	2883.0	1880.1	1361.4	1088.8	921.0	795.1
-2.5°	177774.9	155587.8	83098.5	20596.8	5796.6	2905.9	1910.6	1393.8	1117.4	938.1	800.8
-5°	105632.6	92655.2	57967.4	14685.9	5150.2	2698.1	1830.5	1365.2	1098.3	928.6	797.0
-7.5°	27831.1	24093.8	15849.0	7663.3	3333.0	2282.4	1681.8	1317.6	1073.5	911.4	781.8
-10°	6709.9	6359.0	5680.2	3481.7	2595.1	1906.8	1491.1	1231.8	1023.9	888.6	757.0
-12.5°	3235.8	3159.5	2867.8	2364.4	1925.8	1584.5	1350.0	1142.1	978.2	848.5	722.7
-15°	2105.1	2061.2	1962.1	1769.5	1546.4	1382.4	1218.4	1050.6	921.0	789.4	694.1
-17.5°	1557.8	1555.9	1506.3	1433.9	1323.3	1201.3	1081.1	974.4	848.5	736.0	663.6
-20°	1290.9	1290.9	1262.3	1214.6	1136.4	1056.3	976.3	877.1	774.1	690.2	659.7

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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°	1096.4	1098.3	1083.0	1052.5	1010.6	943.8	865.7	785.6	711.2	680.7	671.2
-25°	970.5	966.7	949.6	921.0	877.1	823.7	772.2	718.8	697.9	690.2	703.6
-27.5°	821.8	827.5	819.9	806.6	778.0	739.8	728.4	713.1	716.9	728.4	779.9
-30°	734.1	739.8	747.4	753.2	743.6	734.1	737.9	749.4	774.1	818.0	837.1
-32.5°	734.1	736.0	747.4	758.9	764.6	772.2	793.2	831.3	867.6	856.1	852.3
-35°	800.8	795.1	810.4	825.6	846.6	873.3	896.2	888.6	875.2	871.4	875.2
-37.5°	991.5	955.3	940.0	930.5	924.8	921.0	915.2	909.5	903.8	900.0	905.7
-40°	989.6	980.1	970.5	962.9	957.2	949.6	945.8	943.8	938.1	934.3	930.5
-42.5°	985.8	989.6	989.6	987.7	989.6	987.7	982.0	974.4	964.8	957.2	949.6
-45°	1014.4	1016.3	1020.1	1023.9	1029.7	1022.0	1010.6	997.2	983.9	972.4	962.9
-47.5°	1031.6	1033.5	1037.3	1043.0	1046.8	1039.2	1023.9	1006.8	985.8	966.7	947.7
-50°	1037.3	1043.0	1044.9	1044.9	1043.0	1033.5	1010.6	985.8	962.9	943.8	926.7
-52.5°	1010.6	1016.3	1018.2	1014.4	1012.5	1003.0	982.0	959.1	934.3	921.0	905.7
-55°	966.7	974.4	980.1	980.1	980.1	978.2	959.1	938.1	919.1	903.8	888.6
-57.5°	949.6	962.9	974.4	976.3	978.2	980.1	966.7	945.8	922.9	900.0	880.9
-60°	1012.5	1023.9	1029.7	1022.0	1016.3	1010.6	989.6	964.8	941.9	919.1	882.8
-62.5°	995.3	1014.4	1023.9	1018.2	1010.6	1001.0	978.2	949.6	922.9	898.1	861.9
-65°	940.0	957.2	968.6	959.1	947.7	934.3	913.3	886.6	861.9	837.1	804.7
-67.5°	846.6	871.4	890.5	869.5	854.2	837.1	819.9	797.0	772.2	743.6	713.1
-70°	699.8	718.8	736.0	730.3	726.5	722.7	711.2	688.3	667.4	644.5	617.8
-72.5°	562.5	579.7	594.9	585.4	577.7	566.3	549.1	524.4	499.6	474.8	450.0
-75°	310.8	316.5	322.2	320.3	320.3	320.3	320.3	322.2	318.4	312.7	301.3
-77.5°	238.3	246.0	251.7	255.5	261.2	268.9	274.6	265.0	255.5	246.0	234.5
-80°	186.9	194.5	200.2	221.2	236.4	253.6	265.0	251.7	238.3	226.9	217.4
-82.5°	141.1	146.8	152.5	164.0	171.6	181.1	188.8	188.8	186.9	185.0	179.2
-85°	103.0	110.6	118.2	122.0	127.8	127.8	129.7	122.0	114.4	108.7	101.1
-87.5°	59.1	61.0	61.0	61.0	62.9	62.9	62.9	59.1	57.2	53.4	51.5
-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	7.6	7.6	9.5	9.5
85°	11.4	11.4	11.4	13.3	13.3	15.3	17.2	19.1	21.0	21.0	22.9
82.5°	19.1	21.0	22.9	24.8	26.7	28.6	30.5	32.4	38.1	41.9	43.9
80°	19.1	21.0	26.7	30.5	34.3	38.1	38.1	38.1	38.1	40.0	43.9
77.5°	13.3	15.3	17.2	21.0	30.5	38.1	43.9	47.7	43.9	41.9	38.1
75°	7.6	9.5	11.4	13.3	19.1	26.7	36.2	45.8	53.4	51.5	47.7
72.5°	7.6	7.6	9.5	11.4	13.3	15.3	17.2	26.7	38.1	47.7	53.4
70°	7.6	9.5	9.5	11.4	13.3	15.3	17.2	21.0	26.7	38.1	49.6
67.5°	7.6	9.5	9.5	13.3	17.2	19.1	21.0	19.1	17.2	24.8	36.2
65°	7.6	7.6	9.5	11.4	13.3	15.3	21.0	21.0	19.1	19.1	19.1
62.5°	11.4	11.4	11.4	11.4	13.3	13.3	13.3	17.2	17.2	17.2	17.2
60°	22.9	21.0	21.0	21.0	21.0	17.2	17.2	17.2	15.3	17.2	15.3
57.5°	55.3	45.8	41.9	41.9	36.2	34.3	28.6	21.0	21.0	17.2	17.2
55°	112.5	106.8	89.6	74.4	66.7	59.1	45.8	38.1	28.6	22.9	21.0
52.5°	173.5	158.3	143.0	123.9	104.9	89.6	76.3	59.1	47.7	34.3	26.7
50°	226.9	213.6	196.4	175.4	150.6	131.6	112.5	89.6	70.6	53.4	38.1
47.5°	308.9	282.2	261.2	236.4	207.8	181.1	156.4	129.7	99.2	78.2	59.1
45°	396.6	358.5	329.9	307.0	268.9	232.6	204.0	175.4	139.2	103.0	80.1
42.5°	457.6	429.0	390.9	360.4	326.1	287.9	249.8	219.3	181.1	139.2	103.0
40°	490.0	471.0	440.5	413.8	377.5	335.6	295.5	265.0	225.0	179.2	129.7
37.5°	514.8	505.3	490.0	469.1	434.7	385.2	345.1	308.9	274.6	221.2	167.8
35°	543.4	541.5	532.0	522.5	493.9	446.2	398.5	356.6	314.6	265.0	205.9
32.5°	570.1	568.2	562.5	558.7	547.2	505.3	453.8	406.1	358.5	307.0	242.2
30°	583.5	579.7	579.7	583.5	572.0	545.3	507.2	455.7	402.3	341.3	280.3
27.5°	583.5	579.7	581.6	587.3	585.4	572.0	543.4	501.5	442.4	373.7	314.6
25°	558.7	577.7	577.7	585.4	587.3	583.5	568.2	541.5	480.5	408.0	341.3
22.5°	524.4	570.1	587.3	585.4	587.3	596.8	598.7	573.9	516.7	442.4	368.0
20°	524.4	556.8	606.3	593.0	596.8	617.8	627.3	606.3	554.9	474.8	394.7
17.5°	535.8	556.8	598.7	619.7	625.4	642.6	657.8	644.5	589.2	509.1	430.9
15°	568.2	564.4	593.0	644.5	654.0	667.4	684.5	669.3	619.7	547.2	465.2
12.5°	591.1	570.1	593.0	648.3	678.8	692.2	697.9	686.4	646.4	581.6	499.6
10°	621.6	585.4	596.8	644.5	688.3	697.9	703.6	699.8	671.2	610.2	530.1
7.5°	644.5	593.0	593.0	638.8	697.9	705.5	709.3	713.1	692.2	635.0	556.8
5°	654.0	593.0	589.2	633.0	707.4	715.0	715.0	720.8	707.4	654.0	575.8
2.5°	655.9	591.1	585.4	629.2	724.6	724.6	720.8	726.5	718.8	665.5	589.2
0°	665.5	589.2	583.5	635.0	743.6	736.0	726.5	728.4	724.6	671.2	596.8
-2.5°	665.5	598.7	591.1	638.8	741.7	739.8	736.0	737.9	734.1	688.3	612.1
-5°	675.0	612.1	604.4	655.9	739.8	745.5	747.4	747.4	741.7	699.8	621.6
-7.5°	676.9	621.6	619.7	673.1	743.6	753.2	758.9	762.7	751.3	707.4	629.2
-10°	667.4	625.4	635.0	694.1	747.4	760.8	772.2	778.0	758.9	711.2	633.0
-12.5°	646.4	625.4	650.2	720.8	757.0	772.2	789.4	791.3	766.5	713.1	635.0
-15°	644.5	640.7	676.9	747.4	762.7	781.8	808.5	802.7	772.2	713.1	635.0
-17.5°	642.6	661.6	716.9	757.0	772.2	793.2	814.2	808.5	776.1	713.1	631.1
-20°	659.7	696.0	764.6	766.5	783.7	806.6	818.0	806.6	770.3	707.4	625.4

REPORT NUMBER: P723611

CATALOG NUMBER: IFLD-S-SA3C-722-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°	688.3	757.0	779.9	787.5	802.7	819.9	825.6	808.5	764.6	697.9	615.9
-25°	760.8	795.1	795.1	812.3	827.5	835.2	829.4	810.4	757.0	688.3	606.3
-27.5°	816.1	814.2	823.7	840.9	854.2	854.2	839.0	800.8	745.5	678.8	593.0
-30°	837.1	839.0	852.3	871.4	875.2	865.7	842.8	793.2	736.0	663.6	575.8
-32.5°	858.0	865.7	882.8	892.4	894.3	875.2	833.3	779.9	720.8	646.4	556.8
-35°	882.8	898.1	907.6	909.5	900.0	867.6	819.9	762.7	697.9	621.6	539.6
-37.5°	915.2	922.9	928.6	921.0	894.3	856.1	797.0	739.8	676.9	594.9	514.8
-40°	936.2	940.0	941.9	917.2	884.7	829.4	772.2	713.1	640.7	564.4	488.1
-42.5°	949.6	945.8	930.5	903.8	856.1	802.7	747.4	680.7	608.3	533.9	459.5
-45°	945.8	932.4	909.5	877.1	827.5	774.1	709.3	642.6	573.9	501.5	427.1
-47.5°	930.5	909.5	880.9	842.8	797.0	732.2	667.4	602.5	535.8	465.2	396.6
-50°	911.4	886.6	852.3	804.7	743.6	684.5	625.4	562.5	493.9	429.0	368.0
-52.5°	890.5	863.8	819.9	766.5	699.8	638.8	581.6	520.5	457.6	396.6	343.2
-55°	867.6	840.9	791.3	730.3	663.6	596.8	541.5	490.0	429.0	369.9	322.2
-57.5°	856.1	821.8	770.3	709.3	638.8	570.1	522.5	467.2	411.9	350.8	305.1
-60°	846.6	812.3	764.6	694.1	627.3	562.5	507.2	453.8	394.7	337.5	291.7
-62.5°	819.9	783.7	739.8	671.2	606.3	547.2	497.7	434.7	377.5	324.1	282.2
-65°	766.5	728.4	690.2	629.2	570.1	514.8	465.2	408.0	354.7	308.9	272.7
-67.5°	682.6	650.2	615.9	564.4	514.8	465.2	419.5	369.9	326.1	293.6	274.6
-70°	589.2	554.9	520.5	478.6	436.6	396.6	360.4	324.1	295.5	278.4	263.1
-72.5°	429.0	413.8	396.6	364.2	329.9	305.1	287.9	272.7	251.7	236.4	226.9
-75°	286.0	265.0	238.3	226.9	228.8	225.0	215.5	204.0	194.5	188.8	175.4
-77.5°	223.1	211.7	198.3	185.0	179.2	173.5	165.9	156.4	148.7	135.4	116.3
-80°	205.9	196.4	186.9	177.3	167.8	154.4	139.2	123.9	116.3	110.6	108.7
-82.5°	169.7	158.3	146.8	137.3	123.9	114.4	104.9	97.2	97.2	95.3	93.4
-85°	97.2	93.4	87.7	83.9	80.1	74.4	68.6	64.8	62.9	61.0	59.1
-87.5°	49.6	47.7	43.9	41.9	40.0	38.1	34.3	32.4	30.5	30.5	28.6
-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: P723611

CATALOG NUMBER: IFLD-S-SA3C-722-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°	9.5	9.5	7.6	7.6	7.6	5.7	3.8	3.8	1.9	1.9	0.0
85°	22.9	19.1	17.2	15.3	15.3	11.4	7.6	5.7	3.8	1.9	1.9
82.5°	43.9	38.1	32.4	28.6	22.9	17.2	13.3	9.5	5.7	3.8	1.9
80°	49.6	49.6	47.7	40.0	32.4	24.8	17.2	11.4	7.6	5.7	3.8
77.5°	38.1	41.9	41.9	41.9	40.0	30.5	21.0	13.3	7.6	5.7	3.8
75°	43.9	38.1	36.2	38.1	36.2	30.5	24.8	15.3	9.5	7.6	3.8
72.5°	53.4	45.8	40.0	38.1	34.3	28.6	22.9	17.2	9.5	7.6	5.7
70°	49.6	47.7	43.9	40.0	34.3	28.6	22.9	17.2	11.4	7.6	5.7
67.5°	43.9	43.9	43.9	40.0	34.3	26.7	21.0	15.3	11.4	7.6	5.7
65°	30.5	36.2	40.0	38.1	34.3	26.7	21.0	15.3	11.4	9.5	5.7
62.5°	19.1	24.8	32.4	36.2	32.4	26.7	19.1	15.3	11.4	9.5	5.7
60°	17.2	19.1	22.9	28.6	30.5	24.8	19.1	13.3	11.4	9.5	5.7
57.5°	17.2	17.2	19.1	22.9	24.8	22.9	17.2	11.4	11.4	9.5	7.6
55°	19.1	17.2	17.2	19.1	21.0	21.0	17.2	11.4	11.4	9.5	7.6
52.5°	22.9	19.1	17.2	17.2	17.2	19.1	15.3	11.4	11.4	9.5	7.6
50°	28.6	22.9	21.0	17.2	17.2	17.2	15.3	11.4	9.5	9.5	7.6
47.5°	38.1	30.5	22.9	21.0	17.2	15.3	13.3	11.4	9.5	9.5	7.6
45°	57.2	36.2	30.5	22.9	19.1	17.2	15.3	11.4	9.5	9.5	7.6
42.5°	78.2	53.4	38.1	26.7	21.0	17.2	15.3	13.3	9.5	9.5	7.6
40°	99.2	72.5	47.7	34.3	24.8	19.1	15.3	13.3	11.4	9.5	7.6
37.5°	122.0	89.6	62.9	43.9	28.6	21.0	17.2	13.3	11.4	9.5	7.6
35°	150.6	112.5	78.2	53.4	34.3	24.8	19.1	13.3	11.4	9.5	7.6
32.5°	183.0	133.5	93.4	64.8	43.9	30.5	21.0	15.3	11.4	9.5	7.6
30°	213.6	158.3	110.6	78.2	53.4	34.3	22.9	15.3	11.4	9.5	5.7
27.5°	244.1	183.0	131.6	91.5	64.8	40.0	24.8	17.2	11.4	9.5	7.6
25°	274.6	207.8	152.5	104.9	74.4	47.7	30.5	19.1	11.4	9.5	7.6
22.5°	301.3	232.6	171.6	120.1	85.8	55.3	34.3	21.0	13.3	9.5	7.6
20°	331.8	259.3	192.6	137.3	95.3	62.9	38.1	22.9	13.3	9.5	7.6
17.5°	360.4	286.0	213.6	152.5	106.8	70.6	43.9	24.8	15.3	9.5	7.6
15°	389.0	310.8	232.6	167.8	118.2	78.2	47.7	26.7	17.2	9.5	7.6
12.5°	415.7	333.7	249.8	181.1	127.8	85.8	51.5	28.6	19.1	9.5	7.6
10°	440.5	354.7	266.9	192.6	137.3	91.5	55.3	32.4	21.0	9.5	7.6
7.5°	465.2	371.8	280.3	204.0	148.7	99.2	59.1	34.3	22.9	11.4	7.6
5°	480.5	387.1	291.7	213.6	158.3	106.8	62.9	36.2	24.8	11.4	7.6
2.5°	493.9	398.5	299.4	223.1	167.8	112.5	62.9	38.1	26.7	11.4	7.6
0°	501.5	406.1	305.1	228.8	175.4	116.3	64.8	40.0	28.6	11.4	7.6
-2.5°	518.6	419.5	318.4	236.4	183.0	127.8	68.6	41.9	30.5	13.3	7.6
-5°	530.1	427.1	328.0	244.1	188.8	139.2	74.4	45.8	34.3	17.2	9.5
-7.5°	539.6	434.7	335.6	247.9	194.5	143.0	76.3	47.7	36.2	19.1	9.5
-10°	541.5	438.6	341.3	253.6	198.3	148.7	78.2	49.6	38.1	21.0	9.5
-12.5°	543.4	442.4	343.2	257.4	202.1	152.5	80.1	51.5	40.0	22.9	9.5
-15°	541.5	440.5	343.2	261.2	204.0	148.7	83.9	53.4	41.9	24.8	9.5
-17.5°	537.7	438.6	341.3	259.3	202.1	144.9	85.8	57.2	41.9	26.7	11.4
-20°	532.0	432.8	337.5	257.4	200.2	141.1	87.7	59.1	43.9	26.7	11.4

REPORT NUMBER: P723611

CATALOG NUMBER: IFLD-S-SA3C-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	522.5	423.3	329.9	251.7	196.4	137.3	87.7	62.9	45.8	26.7	11.4
-25°	511.0	413.8	322.2	244.1	190.7	131.6	87.7	64.8	47.7	26.7	11.4
-27.5°	497.7	404.2	310.8	238.3	183.0	127.8	87.7	66.7	49.6	26.7	11.4
-30°	482.4	390.9	301.3	228.8	177.3	127.8	89.6	68.6	51.5	26.7	11.4
-32.5°	467.2	377.5	289.8	221.2	169.7	125.8	89.6	70.6	53.4	24.8	13.3
-35°	450.0	362.3	280.3	215.5	164.0	122.0	91.5	70.6	51.5	24.8	13.3
-37.5°	429.0	343.2	270.8	209.7	160.2	118.2	91.5	72.5	49.6	24.8	13.3
-40°	406.1	328.0	259.3	202.1	154.4	116.3	91.5	72.5	47.7	24.8	15.3
-42.5°	381.4	310.8	247.9	194.5	148.7	114.4	91.5	72.5	45.8	24.8	15.3
-45°	358.5	293.6	234.5	185.0	143.0	114.4	91.5	70.6	41.9	26.7	15.3
-47.5°	333.7	274.6	219.3	175.4	141.1	112.5	89.6	66.7	38.1	26.7	15.3
-50°	312.7	255.5	207.8	165.9	137.3	114.4	91.5	61.0	38.1	26.7	15.3
-52.5°	291.7	242.2	194.5	162.1	133.5	116.3	89.6	57.2	38.1	26.7	15.3
-55°	274.6	228.8	186.9	156.4	137.3	120.1	85.8	51.5	38.1	26.7	15.3
-57.5°	261.2	221.2	181.1	158.3	143.0	116.3	80.1	49.6	38.1	24.8	15.3
-60°	251.7	213.6	183.0	165.9	144.9	110.6	76.3	49.6	38.1	24.8	13.3
-62.5°	244.1	215.5	192.6	171.6	137.3	103.0	72.5	49.6	34.3	22.9	13.3
-65°	246.0	223.1	196.4	164.0	131.6	95.3	66.7	47.7	32.4	21.0	13.3
-67.5°	251.7	217.4	185.0	154.4	118.2	85.8	61.0	43.9	30.5	21.0	13.3
-70°	232.6	200.2	167.8	131.6	101.1	74.4	57.2	40.0	26.7	19.1	13.3
-72.5°	209.7	167.8	133.5	106.8	85.8	68.6	51.5	36.2	24.8	17.2	11.4
-75°	152.5	122.0	99.2	89.6	76.3	61.0	45.8	32.4	22.9	17.2	11.4
-77.5°	108.7	101.1	91.5	82.0	68.6	53.4	40.0	30.5	21.0	15.3	9.5
-80°	106.8	97.2	85.8	70.6	57.2	45.8	34.3	26.7	19.1	13.3	7.6
-82.5°	89.6	76.3	64.8	53.4	43.9	36.2	28.6	21.0	15.3	9.5	5.7
-85°	55.3	47.7	41.9	36.2	30.5	24.8	19.1	13.3	9.5	5.7	3.8
-87.5°	26.7	24.8	21.0	17.2	15.3	11.4	9.5	7.6	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: P723611

CATALOG NUMBER: IFLD-S-SA3C-722-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°	7.6	3.8	3.8	0.0
-15°	7.6	3.8	3.8	0.0
-17.5°	7.6	3.8	3.8	0.0
-20°	7.6	3.8	3.8	0.0

REPORT NUMBER: P723611

CATALOG NUMBER: IFLD-S-SA3C-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	7.6	3.8	3.8	0.0
-25°	7.6	3.8	3.8	0.0
-27.5°	7.6	3.8	3.8	0.0
-30°	7.6	3.8	3.8	0.0
-32.5°	7.6	3.8	3.8	0.0
-35°	7.6	3.8	3.8	0.0
-37.5°	7.6	3.8	3.8	0.0
-40°	7.6	3.8	3.8	0.0
-42.5°	5.7	3.8	1.9	0.0
-45°	7.6	3.8	1.9	0.0
-47.5°	7.6	3.8	1.9	0.0
-50°	7.6	3.8	1.9	0.0
-52.5°	7.6	3.8	1.9	0.0
-55°	7.6	3.8	1.9	0.0
-57.5°	7.6	3.8	1.9	0.0
-60°	7.6	3.8	1.9	0.0
-62.5°	7.6	3.8	1.9	0.0
-65°	7.6	3.8	1.9	0.0
-67.5°	7.6	3.8	1.9	0.0
-70°	7.6	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)