

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: P723812

Luminaire Tested: **IFLD-S-SA3A-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723812
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	5354.2 lumens	Max Intensity:	125965 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.5 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:	1941.6 lumens	Field Lumens:	3095.4 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

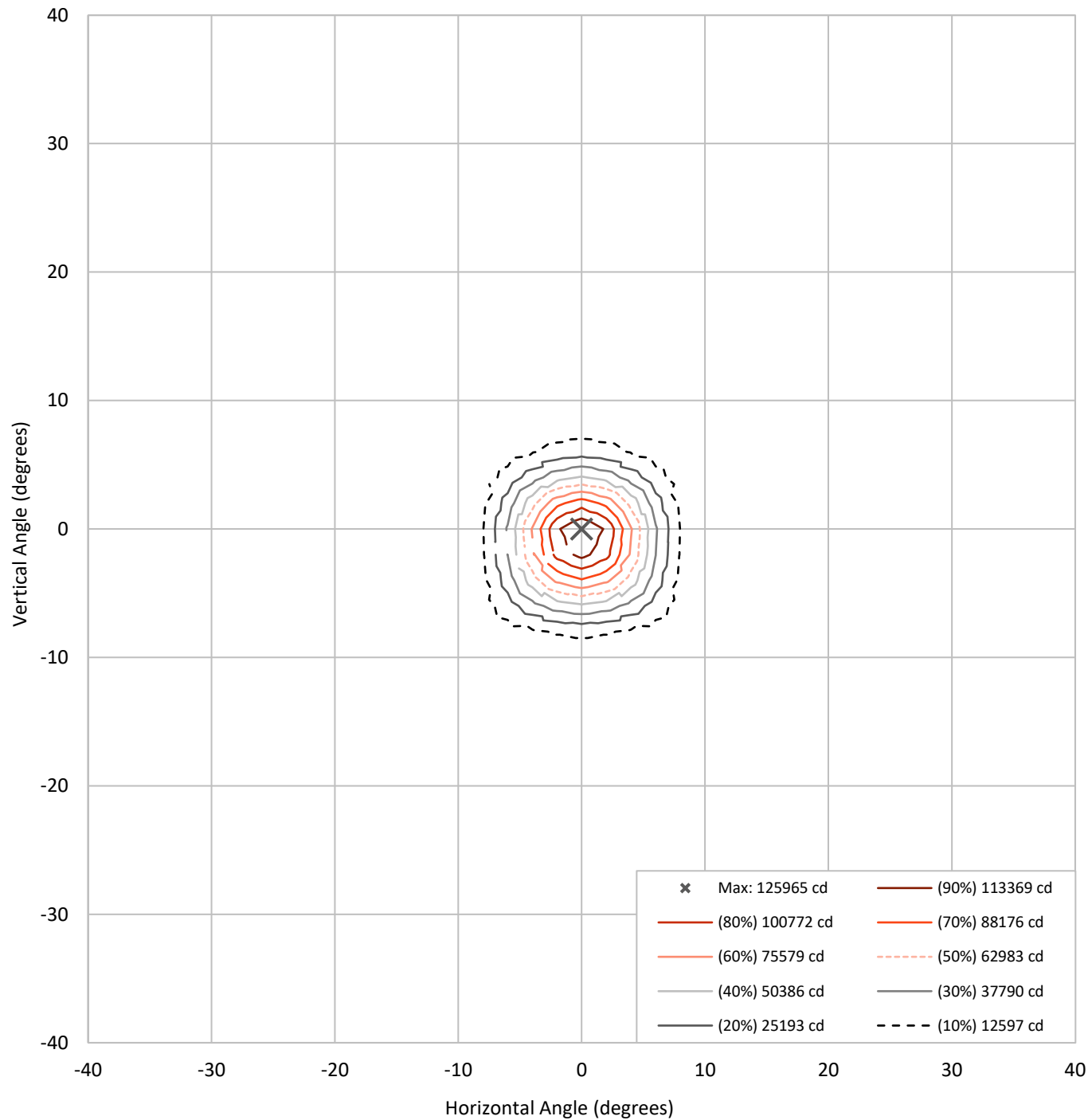
Input Watts (W): 94.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



CATALOG NUMBER: IFLD-S-SA3A-827-U-11-VI

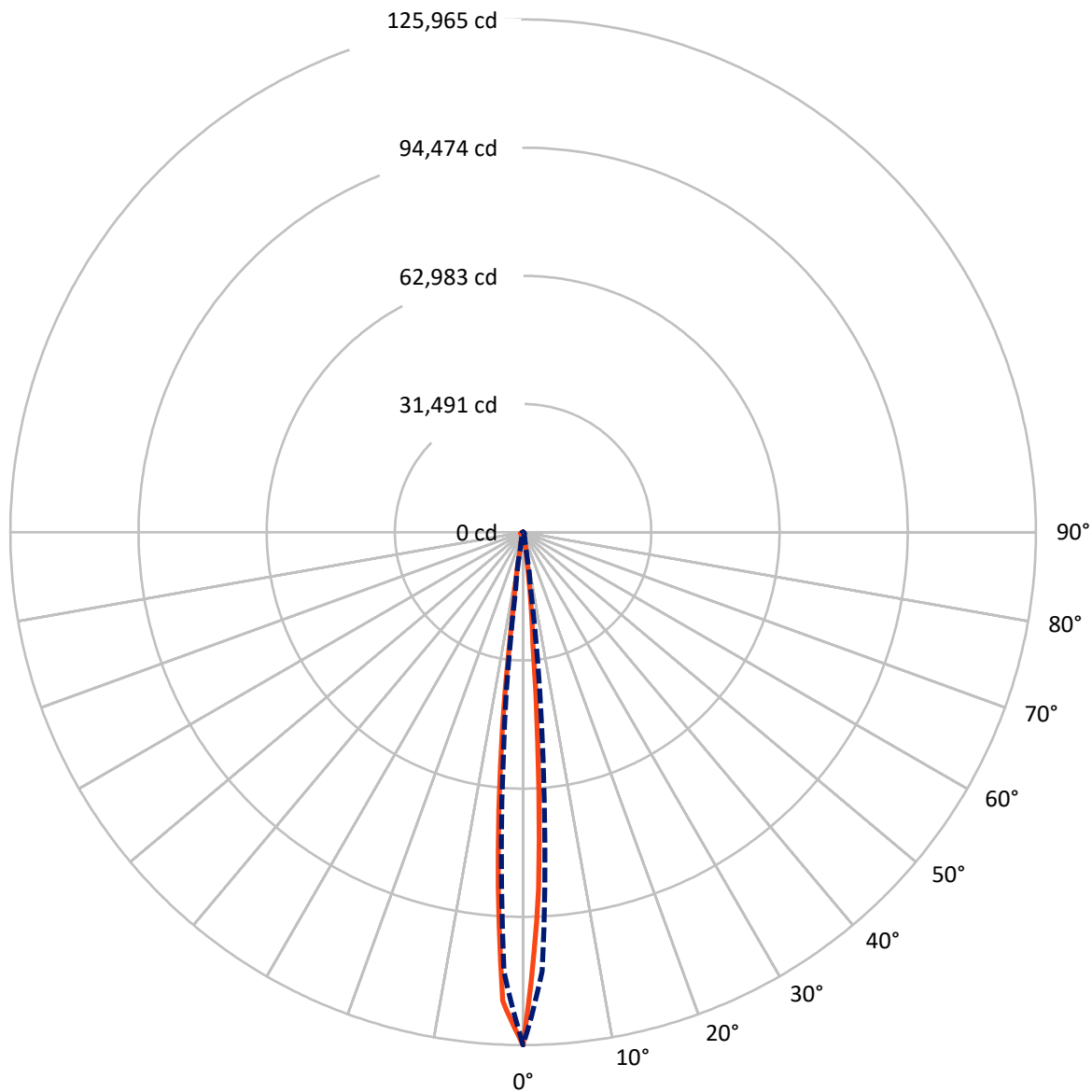
Lumen Table

90																
80	0.1	1.2		1.3		0.5		0.1		0.5		1.3		1.2		0.1
70	0.1	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.1
60		0.2	0.2	0.6	1.4	2.3	2.9	3.3	3.3	2.9	2.3	1.4	0.6	0.2	0.2	
50	0.1	0.2	0.7	2.4	4.8	7.0	8.5	9.4	9.4	8.5	7.0	4.8	2.4	0.7	0.2	0.1
40		0.4	1.9	5.0	8.1	9.6	10.3	10.7	10.7	10.3	9.6	8.1	5.0	1.9	0.4	
30	0.2	0.7	3.2	7.3	9.4	9.7	11.5	13.8	13.8	11.5	9.7	9.4	7.3	3.2	0.7	0.2
20		1.1	4.5	9.0	10.1	11.3	19.9	34.0	34.0	19.9	11.3	10.1	9.0	4.5	1.1	
10	0.4	1.4	5.5	9.8	10.4	14.0	37.9	702.9	702.9	37.9	14.0	10.4	9.8	5.5	1.4	0.4
0		1.7	6.0	10.3	10.8	14.5	40.9	1024.9	1024.9	40.9	14.5	10.8	10.3	6.0	1.7	
-10	0.5	1.8	6.1	10.9	11.7	13.1	23.8	45.6	45.6	23.8	13.1	11.7	10.9	6.1	1.8	0.5
-20		1.7	5.8	11.0	13.1	13.2	15.4	18.8	18.8	15.4	13.2	13.1	11.0	5.8	1.7	
-30	0.6	1.5	5.1	10.5	14.5	15.8	16.4	16.5	16.5	16.4	15.8	14.5	10.5	5.1	1.5	0.6
-40		1.3	4.1	8.9	13.9	16.9	19.0	19.9	19.9	19.0	16.9	13.9	8.9	4.1	1.3	
-50	0.4	1.2	3.2	6.9	11.9	16.0	18.5	19.6	19.6	18.5	16.0	11.9	6.9	3.2	1.2	0.4
-60		1.1	2.8	5.7	9.9	14.0	16.9	18.3	18.3	16.9	14.0	9.9	5.7	2.8	1.1	
-70	0.2	3.3	9.9		18.3		20.2		18.3		9.9		3.3		0.2	
-80		3.3	9.9		18.3		20.2		18.3		9.9		3.3		0.2	
-90																
Horizontal Angle (degrees)																

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Luminous Intensity Polar Plot



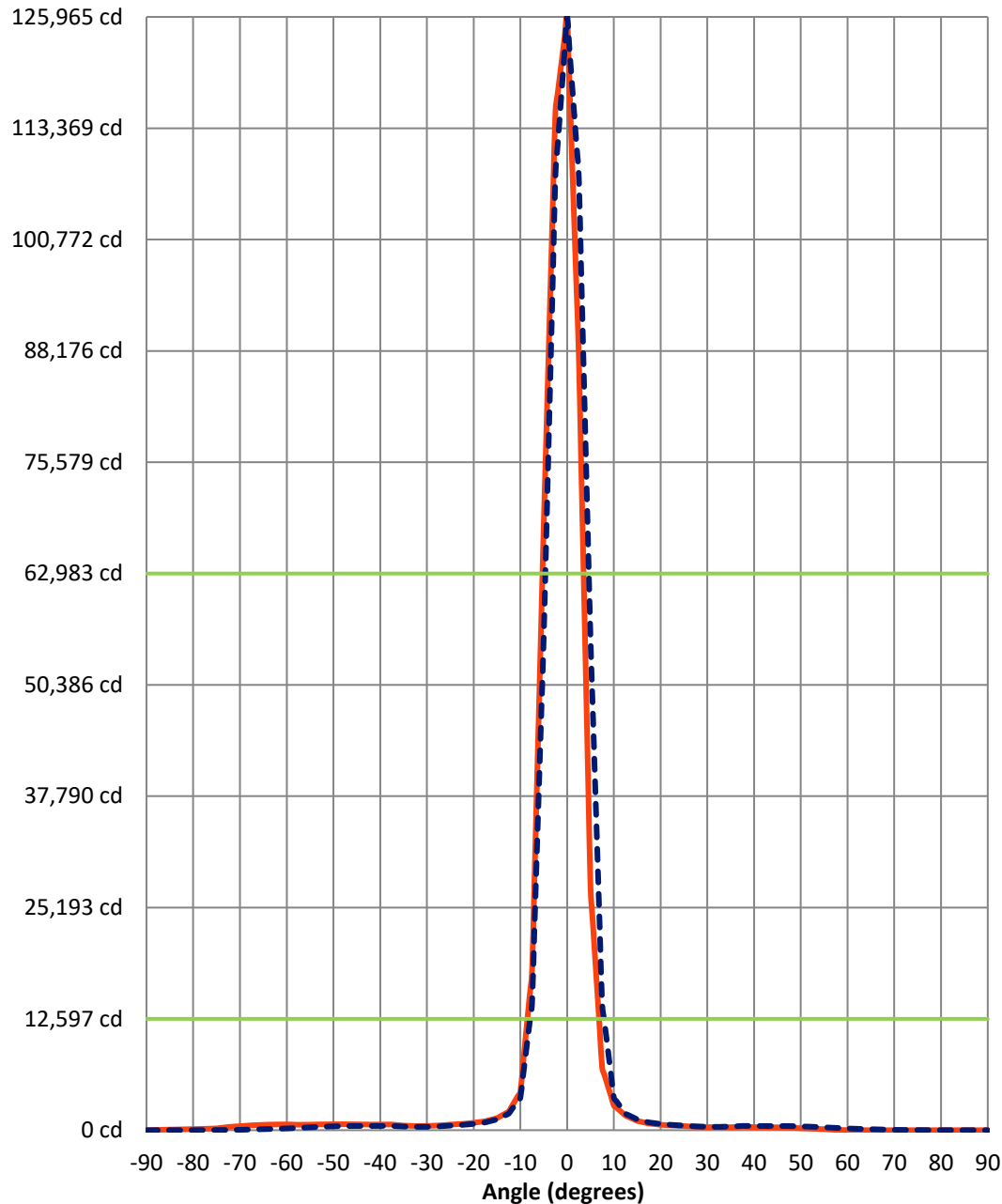
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 8.8°
Lumens: 1941.6
Efficiency: 36.3%

Field:
H Angle: 15.8°
V Angle: 15.3°
Lumens: 3095.4
Efficiency: 57.8%

Spill:
Lumens: 2258.8
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	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	0.0	1.2	1.2	2.5	2.5	2.5	3.7	4.9	6.2	6.2	7.4
82.5°	0.0	1.2	1.2	2.5	2.5	3.7	3.7	6.2	7.4	8.7	11.1
80°	1.2	1.2	1.2	2.5	2.5	3.7	3.7	4.9	6.2	8.7	9.9
77.5°	0.0	1.2	1.2	1.2	2.5	2.5	2.5	3.7	4.9	6.2	7.4
75°	0.0	1.2	1.2	1.2	2.5	2.5	2.5	2.5	3.7	3.7	4.9
72.5°	0.0	0.0	0.0	1.2	1.2	2.5	2.5	2.5	3.7	3.7	3.7
70°	0.0	0.0	0.0	1.2	1.2	2.5	2.5	2.5	3.7	3.7	3.7
67.5°	0.0	0.0	0.0	1.2	1.2	2.5	2.5	2.5	3.7	3.7	3.7
65°	0.0	0.0	0.0	1.2	1.2	2.5	2.5	3.7	3.7	3.7	3.7
62.5°	1.2	1.2	1.2	2.5	3.7	3.7	4.9	6.2	6.2	6.2	6.2
60°	12.4	13.6	14.8	14.8	13.6	13.6	14.8	14.8	14.8	14.8	14.8
57.5°	33.4	35.8	37.1	37.1	37.1	35.8	40.8	42.0	37.1	34.6	38.3
55°	116.2	119.9	117.4	113.7	106.3	97.6	95.2	93.9	95.2	89.0	79.1
52.5°	169.3	173.0	171.8	169.3	164.4	158.2	153.3	148.3	143.4	133.5	122.4
50°	220.0	221.2	220.0	217.5	212.6	206.4	196.5	185.4	175.5	173.0	163.2
47.5°	276.9	280.6	280.6	279.3	275.6	264.5	249.7	233.6	226.2	223.7	213.8
45°	327.5	330.0	331.2	332.5	331.2	320.1	306.5	297.9	281.8	276.9	276.9
42.5°	341.1	342.4	343.6	344.8	348.6	339.9	328.8	313.9	310.2	309.0	306.5
40°	346.1	343.6	344.8	346.1	347.3	341.1	332.5	323.8	321.4	318.9	318.9
37.5°	393.0	381.9	373.3	365.9	359.7	353.5	344.8	337.4	331.2	326.3	331.2
35°	335.0	335.0	343.6	351.0	358.4	365.9	367.1	358.4	344.8	338.7	347.3
32.5°	342.4	342.4	342.4	344.8	347.3	353.5	359.7	363.4	373.3	362.1	362.1
30°	349.8	351.0	353.5	354.7	351.0	348.6	346.1	346.1	352.3	368.3	377.0
27.5°	393.0	393.0	389.3	384.4	373.3	356.0	347.3	335.0	336.2	343.6	364.6
25°	463.5	461.0	452.4	440.0	420.2	395.5	372.0	346.1	335.0	331.2	339.9
22.5°	530.2	526.5	515.4	504.3	488.2	463.5	423.9	384.4	349.8	335.0	331.2
20°	615.5	606.9	594.5	577.2	551.3	526.5	491.9	440.0	389.3	351.0	336.2
17.5°	752.7	741.6	718.1	687.2	642.7	604.4	555.0	505.5	448.7	386.9	353.5
15°	1053.1	1024.6	983.9	898.6	810.8	737.9	663.7	580.9	522.8	441.2	390.6
12.5°	1656.2	1578.4	1459.7	1260.7	1064.2	894.9	775.0	668.7	574.7	499.3	427.7
10°	2803.2	2636.4	2308.8	1765.0	1402.9	1091.4	876.3	734.2	615.5	537.7	458.6
7.5°	7089.7	5783.2	4092.4	2794.6	1835.5	1333.6	1002.4	796.0	658.8	562.4	483.3
5°	27631.9	22762.1	12142.4	5067.6	2761.2	1613.0	1116.1	845.4	687.2	580.9	501.8
2.5°	87695.0	75730.5	39732.2	10908.9	3390.3	1816.9	1194.0	876.3	703.3	594.5	515.4
0°	125965.0	107956.6	55761.8	14347.4	3677.1	1868.8	1218.7	882.5	705.8	597.0	515.4
-2.5°	115236.6	100854.6	53865.8	13351.2	3757.4	1883.7	1238.5	903.5	724.3	608.1	519.1
-5°	68472.8	60060.6	37575.4	9519.6	3338.4	1748.9	1186.6	885.0	711.9	601.9	516.6
-7.5°	18040.6	15618.0	10273.6	4967.5	2160.5	1479.5	1090.1	854.1	695.9	590.8	506.8
-10°	4349.5	4122.0	3682.0	2256.9	1682.2	1236.0	966.5	798.5	663.7	576.0	490.7
-12.5°	2097.5	2048.0	1858.9	1532.6	1248.4	1027.1	875.1	740.4	634.1	550.0	468.4
-15°	1364.5	1336.1	1271.8	1147.0	1002.4	896.1	789.8	681.0	597.0	511.7	449.9
-17.5°	1009.8	1008.6	976.4	929.5	857.8	778.7	700.8	631.6	550.0	477.1	430.1
-20°	836.8	836.8	818.2	787.3	736.7	684.7	632.8	568.6	501.8	447.4	427.7

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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°	710.7	711.9	702.0	682.3	655.1	611.8	561.1	509.2	461.0	441.2	435.1
-25°	629.1	626.6	615.5	597.0	568.6	533.9	500.6	466.0	452.4	447.4	456.1
-27.5°	532.7	536.4	531.5	522.8	504.3	479.6	472.1	462.3	464.7	472.1	505.5
-30°	475.9	479.6	484.5	488.2	482.0	475.9	478.3	485.7	501.8	530.2	542.6
-32.5°	475.9	477.1	484.5	491.9	495.6	500.6	514.2	538.9	562.4	555.0	552.5
-35°	519.1	515.4	525.3	535.2	548.8	566.1	580.9	576.0	567.3	564.8	567.3
-37.5°	642.7	619.2	609.3	603.2	599.5	597.0	593.3	589.6	585.9	583.4	587.1
-40°	641.5	635.3	629.1	624.2	620.5	615.5	613.1	611.8	608.1	605.6	603.2
-42.5°	639.0	641.5	641.5	640.2	641.5	640.2	636.5	631.6	625.4	620.5	615.5
-45°	657.5	658.8	661.3	663.7	667.4	662.5	655.1	646.4	637.8	630.4	624.2
-47.5°	668.7	669.9	672.4	676.1	678.6	673.6	663.7	652.6	639.0	626.6	614.3
-50°	672.4	676.1	677.3	677.3	676.1	669.9	655.1	639.0	624.2	611.8	600.7
-52.5°	655.1	658.8	660.0	657.5	656.3	650.1	636.5	621.7	605.6	597.0	587.1
-55°	626.6	631.6	635.3	635.3	635.3	634.1	621.7	608.1	595.7	585.9	576.0
-57.5°	615.5	624.2	631.6	632.8	634.1	635.3	626.6	613.1	598.2	583.4	571.0
-60°	656.3	663.7	667.4	662.5	658.8	655.1	641.5	625.4	610.6	595.7	572.3
-62.5°	645.2	657.5	663.7	660.0	655.1	648.9	634.1	615.5	598.2	582.2	558.7
-65°	609.3	620.5	627.9	621.7	614.3	605.6	592.0	574.7	558.7	542.6	521.6
-67.5°	548.8	564.8	577.2	563.6	553.7	542.6	531.5	516.6	500.6	482.0	462.3
-70°	453.6	466.0	477.1	473.4	470.9	468.4	461.0	446.2	432.6	417.8	400.5
-72.5°	364.6	375.7	385.6	379.4	374.5	367.1	356.0	339.9	323.8	307.8	291.7
-75°	201.5	205.2	208.9	207.6	207.6	207.6	207.6	208.9	206.4	202.7	195.3
-77.5°	154.5	159.4	163.2	165.6	169.3	174.3	178.0	171.8	165.6	159.4	152.0
-80°	121.1	126.1	129.8	143.4	153.3	164.4	171.8	163.2	154.5	147.1	140.9
-82.5°	91.5	95.2	98.9	106.3	111.2	117.4	122.4	122.4	121.1	119.9	116.2
-85°	66.7	71.7	76.6	79.1	82.8	82.8	84.0	79.1	74.2	70.5	65.5
-87.5°	38.3	39.6	39.6	39.6	40.8	40.8	40.8	38.3	37.1	34.6	33.4
-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°	1.2	1.2	1.2	2.5	2.5	3.7	3.7	4.9	4.9	6.2	6.2
85°	7.4	7.4	7.4	8.7	8.7	9.9	11.1	12.4	13.6	13.6	14.8
82.5°	12.4	13.6	14.8	16.1	17.3	18.5	19.8	21.0	24.7	27.2	28.4
80°	12.4	13.6	17.3	19.8	22.2	24.7	24.7	24.7	24.7	26.0	28.4
77.5°	8.7	9.9	11.1	13.6	19.8	24.7	28.4	30.9	28.4	27.2	24.7
75°	4.9	6.2	7.4	8.7	12.4	17.3	23.5	29.7	34.6	33.4	30.9
72.5°	4.9	4.9	6.2	7.4	8.7	9.9	11.1	17.3	24.7	30.9	34.6
70°	4.9	6.2	6.2	7.4	8.7	9.9	11.1	13.6	17.3	24.7	32.1
67.5°	4.9	6.2	6.2	8.7	11.1	12.4	13.6	12.4	11.1	16.1	23.5
65°	4.9	4.9	6.2	7.4	8.7	9.9	13.6	13.6	12.4	12.4	12.4
62.5°	7.4	7.4	7.4	7.4	8.7	8.7	8.7	11.1	11.1	11.1	11.1
60°	14.8	13.6	13.6	13.6	13.6	11.1	11.1	11.1	9.9	11.1	9.9
57.5°	35.8	29.7	27.2	27.2	23.5	22.2	18.5	13.6	13.6	11.1	11.1
55°	72.9	69.2	58.1	48.2	43.3	38.3	29.7	24.7	18.5	14.8	13.6
52.5°	112.5	102.6	92.7	80.3	68.0	58.1	49.4	38.3	30.9	22.2	17.3
50°	147.1	138.4	127.3	113.7	97.6	85.3	72.9	58.1	45.7	34.6	24.7
47.5°	200.2	182.9	169.3	153.3	134.7	117.4	101.4	84.0	64.3	50.7	38.3
45°	257.1	232.4	213.8	199.0	174.3	150.8	132.3	113.7	90.2	66.7	51.9
42.5°	296.6	278.1	253.4	233.6	211.4	186.6	161.9	142.1	117.4	90.2	66.7
40°	317.7	305.3	285.5	268.2	244.7	217.5	191.6	171.8	145.8	116.2	84.0
37.5°	333.7	327.5	317.7	304.1	281.8	249.7	223.7	200.2	178.0	143.4	108.8
35°	352.3	351.0	344.8	338.7	320.1	289.2	258.3	231.1	203.9	171.8	133.5
32.5°	369.6	368.3	364.6	362.1	354.7	327.5	294.2	263.3	232.4	199.0	157.0
30°	378.2	375.7	375.7	378.2	370.8	353.5	328.8	295.4	260.8	221.2	181.7
27.5°	378.2	375.7	377.0	380.7	379.4	370.8	352.3	325.1	286.8	242.3	203.9
25°	362.1	374.5	374.5	379.4	380.7	378.2	368.3	351.0	311.5	264.5	221.2
22.5°	339.9	369.6	380.7	379.4	380.7	386.9	388.1	372.0	335.0	286.8	238.5
20°	339.9	360.9	393.0	384.4	386.9	400.5	406.6	393.0	359.7	307.8	255.9
17.5°	347.3	360.9	388.1	401.7	405.4	416.5	426.4	417.8	381.9	330.0	279.3
15°	368.3	365.9	384.4	417.8	423.9	432.6	443.7	433.8	401.7	354.7	301.6
12.5°	383.2	369.6	384.4	420.2	440.0	448.7	452.4	445.0	419.0	377.0	323.8
10°	402.9	379.4	386.9	417.8	446.2	452.4	456.1	453.6	435.1	395.5	343.6
7.5°	417.8	384.4	384.4	414.1	452.4	457.3	459.8	462.3	448.7	411.6	360.9
5°	423.9	384.4	381.9	410.3	458.6	463.5	463.5	467.2	458.6	423.9	373.3
2.5°	425.2	383.2	379.4	407.9	469.7	469.7	467.2	470.9	466.0	431.4	381.9
0°	431.4	381.9	378.2	411.6	482.0	477.1	470.9	472.1	469.7	435.1	386.9
-2.5°	431.4	388.1	383.2	414.1	480.8	479.6	477.1	478.3	475.9	446.2	396.8
-5°	437.5	396.8	391.8	425.2	479.6	483.3	484.5	484.5	480.8	453.6	402.9
-7.5°	438.8	402.9	401.7	436.3	482.0	488.2	491.9	494.4	487.0	458.6	407.9
-10°	432.6	405.4	411.6	449.9	484.5	493.2	500.6	504.3	491.9	461.0	410.3
-12.5°	419.0	405.4	421.5	467.2	490.7	500.6	511.7	512.9	496.9	462.3	411.6
-15°	417.8	415.3	438.8	484.5	494.4	506.8	524.1	520.4	500.6	462.3	411.6
-17.5°	416.5	428.9	464.7	490.7	500.6	514.2	527.8	524.1	503.0	462.3	409.1
-20°	427.7	451.1	495.6	496.9	508.0	522.8	530.2	522.8	499.3	458.6	405.4

REPORT NUMBER: P723812

CATALOG NUMBER: IFLD-S-SA3A-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°	446.2	490.7	505.5	510.5	520.4	531.5	535.2	524.1	495.6	452.4	399.2
-25°	493.2	515.4	515.4	526.5	536.4	541.4	537.7	525.3	490.7	446.2	393.0
-27.5°	529.0	527.8	533.9	545.1	553.7	553.7	543.8	519.1	483.3	440.0	384.4
-30°	542.6	543.8	552.5	564.8	567.3	561.1	546.3	514.2	477.1	430.1	373.3
-32.5°	556.2	561.1	572.3	578.4	579.7	567.3	540.1	505.5	467.2	419.0	360.9
-35°	572.3	582.2	588.3	589.6	583.4	562.4	531.5	494.4	452.4	402.9	349.8
-37.5°	593.3	598.2	601.9	597.0	579.7	555.0	516.6	479.6	438.8	385.6	333.7
-40°	606.9	609.3	610.6	594.5	573.5	537.7	500.6	462.3	415.3	365.9	316.4
-42.5°	615.5	613.1	603.2	585.9	555.0	520.4	484.5	441.2	394.3	346.1	297.9
-45°	613.1	604.4	589.6	568.6	536.4	501.8	459.8	416.5	372.0	325.1	276.9
-47.5°	603.2	589.6	571.0	546.3	516.6	474.6	432.6	390.6	347.3	301.6	257.1
-50°	590.8	574.7	552.5	521.6	482.0	443.7	405.4	364.6	320.1	278.1	238.5
-52.5°	577.2	559.9	531.5	496.9	453.6	414.1	377.0	337.4	296.6	257.1	222.5
-55°	562.4	545.1	512.9	473.4	430.1	386.9	351.0	317.7	278.1	239.8	208.9
-57.5°	555.0	532.7	499.3	459.8	414.1	369.6	338.7	302.8	267.0	227.4	197.8
-60°	548.8	526.5	495.6	449.9	406.6	364.6	328.8	294.2	255.9	218.8	189.1
-62.5°	531.5	508.0	479.6	435.1	393.0	354.7	322.6	281.8	244.7	210.1	182.9
-65°	496.9	472.1	447.4	407.9	369.6	333.7	301.6	264.5	229.9	200.2	176.7
-67.5°	442.5	421.5	399.2	365.9	333.7	301.6	271.9	239.8	211.4	190.3	178.0
-70°	381.9	359.7	337.4	310.2	283.0	257.1	233.6	210.1	191.6	180.5	170.6
-72.5°	278.1	268.2	257.1	236.1	213.8	197.8	186.6	176.7	163.2	153.3	147.1
-75°	185.4	171.8	154.5	147.1	148.3	145.8	139.7	132.3	126.1	122.4	113.7
-77.5°	144.6	137.2	128.5	119.9	116.2	112.5	107.5	101.4	96.4	87.8	75.4
-80°	133.5	127.3	121.1	114.9	108.8	100.1	90.2	80.3	75.4	71.7	70.5
-82.5°	110.0	102.6	95.2	89.0	80.3	74.2	68.0	63.0	63.0	61.8	60.6
-85°	63.0	60.6	56.9	54.4	51.9	48.2	44.5	42.0	40.8	39.6	38.3
-87.5°	32.1	30.9	28.4	27.2	26.0	24.7	22.2	21.0	19.8	19.8	18.5
-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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CATALOG NUMBER: IFLD-S-SA3A-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°	6.2	6.2	4.9	4.9	4.9	3.7	2.5	2.5	1.2	1.2	0.0
85°	14.8	12.4	11.1	9.9	9.9	7.4	4.9	3.7	2.5	1.2	1.2
82.5°	28.4	24.7	21.0	18.5	14.8	11.1	8.7	6.2	3.7	2.5	1.2
80°	32.1	32.1	30.9	26.0	21.0	16.1	11.1	7.4	4.9	3.7	2.5
77.5°	24.7	27.2	27.2	27.2	26.0	19.8	13.6	8.7	4.9	3.7	2.5
75°	28.4	24.7	23.5	24.7	23.5	19.8	16.1	9.9	6.2	4.9	2.5
72.5°	34.6	29.7	26.0	24.7	22.2	18.5	14.8	11.1	6.2	4.9	3.7
70°	32.1	30.9	28.4	26.0	22.2	18.5	14.8	11.1	7.4	4.9	3.7
67.5°	28.4	28.4	28.4	26.0	22.2	17.3	13.6	9.9	7.4	4.9	3.7
65°	19.8	23.5	26.0	24.7	22.2	17.3	13.6	9.9	7.4	6.2	3.7
62.5°	12.4	16.1	21.0	23.5	21.0	17.3	12.4	9.9	7.4	6.2	3.7
60°	11.1	12.4	14.8	18.5	19.8	16.1	12.4	8.7	7.4	6.2	3.7
57.5°	11.1	11.1	12.4	14.8	16.1	14.8	11.1	7.4	7.4	6.2	4.9
55°	12.4	11.1	11.1	12.4	13.6	13.6	11.1	7.4	7.4	6.2	4.9
52.5°	14.8	12.4	11.1	11.1	11.1	12.4	9.9	7.4	7.4	6.2	4.9
50°	18.5	14.8	13.6	11.1	11.1	11.1	9.9	7.4	6.2	6.2	4.9
47.5°	24.7	19.8	14.8	13.6	11.1	9.9	8.7	7.4	6.2	6.2	4.9
45°	37.1	23.5	19.8	14.8	12.4	11.1	9.9	7.4	6.2	6.2	4.9
42.5°	50.7	34.6	24.7	17.3	13.6	11.1	9.9	8.7	6.2	6.2	4.9
40°	64.3	47.0	30.9	22.2	16.1	12.4	9.9	8.7	7.4	6.2	4.9
37.5°	79.1	58.1	40.8	28.4	18.5	13.6	11.1	8.7	7.4	6.2	4.9
35°	97.6	72.9	50.7	34.6	22.2	16.1	12.4	8.7	7.4	6.2	4.9
32.5°	118.7	86.5	60.6	42.0	28.4	19.8	13.6	9.9	7.4	6.2	4.9
30°	138.4	102.6	71.7	50.7	34.6	22.2	14.8	9.9	7.4	6.2	3.7
27.5°	158.2	118.7	85.3	59.3	42.0	26.0	16.1	11.1	7.4	6.2	4.9
25°	178.0	134.7	98.9	68.0	48.2	30.9	19.8	12.4	7.4	6.2	4.9
22.5°	195.3	150.8	111.2	77.9	55.6	35.8	22.2	13.6	8.7	6.2	4.9
20°	215.1	168.1	124.8	89.0	61.8	40.8	24.7	14.8	8.7	6.2	4.9
17.5°	233.6	185.4	138.4	98.9	69.2	45.7	28.4	16.1	9.9	6.2	4.9
15°	252.1	201.5	150.8	108.8	76.6	50.7	30.9	17.3	11.1	6.2	4.9
12.5°	269.4	216.3	161.9	117.4	82.8	55.6	33.4	18.5	12.4	6.2	4.9
10°	285.5	229.9	173.0	124.8	89.0	59.3	35.8	21.0	13.6	6.2	4.9
7.5°	301.6	241.0	181.7	132.3	96.4	64.3	38.3	22.2	14.8	7.4	4.9
5°	311.5	250.9	189.1	138.4	102.6	69.2	40.8	23.5	16.1	7.4	4.9
2.5°	320.1	258.3	194.1	144.6	108.8	72.9	40.8	24.7	17.3	7.4	4.9
0°	325.1	263.3	197.8	148.3	113.7	75.4	42.0	26.0	18.5	7.4	4.9
-2.5°	336.2	271.9	206.4	153.3	118.7	82.8	44.5	27.2	19.8	8.7	4.9
-5°	343.6	276.9	212.6	158.2	122.4	90.2	48.2	29.7	22.2	11.1	6.2
-7.5°	349.8	281.8	217.5	160.7	126.1	92.7	49.4	30.9	23.5	12.4	6.2
-10°	351.0	284.3	221.2	164.4	128.5	96.4	50.7	32.1	24.7	13.6	6.2
-12.5°	352.3	286.8	222.5	166.9	131.0	98.9	51.9	33.4	26.0	14.8	6.2
-15°	351.0	285.5	222.5	169.3	132.3	96.4	54.4	34.6	27.2	16.1	6.2
-17.5°	348.6	284.3	221.2	168.1	131.0	93.9	55.6	37.1	27.2	17.3	7.4
-20°	344.8	280.6	218.8	166.9	129.8	91.5	56.9	38.3	28.4	17.3	7.4

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CATALOG NUMBER: IFLD-S-SA3A-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°	338.7	274.4	213.8	163.2	127.3	89.0	56.9	40.8	29.7	17.3	7.4
-25°	331.2	268.2	208.9	158.2	123.6	85.3	56.9	42.0	30.9	17.3	7.4
-27.5°	322.6	262.0	201.5	154.5	118.7	82.8	56.9	43.3	32.1	17.3	7.4
-30°	312.7	253.4	195.3	148.3	114.9	82.8	58.1	44.5	33.4	17.3	7.4
-32.5°	302.8	244.7	187.9	143.4	110.0	81.6	58.1	45.7	34.6	16.1	8.7
-35°	291.7	234.8	181.7	139.7	106.3	79.1	59.3	45.7	33.4	16.1	8.7
-37.5°	278.1	222.5	175.5	136.0	103.8	76.6	59.3	47.0	32.1	16.1	8.7
-40°	263.3	212.6	168.1	131.0	100.1	75.4	59.3	47.0	30.9	16.1	9.9
-42.5°	247.2	201.5	160.7	126.1	96.4	74.2	59.3	47.0	29.7	16.1	9.9
-45°	232.4	190.3	152.0	119.9	92.7	74.2	59.3	45.7	27.2	17.3	9.9
-47.5°	216.3	178.0	142.1	113.7	91.5	72.9	58.1	43.3	24.7	17.3	9.9
-50°	202.7	165.6	134.7	107.5	89.0	74.2	59.3	39.6	24.7	17.3	9.9
-52.5°	189.1	157.0	126.1	105.1	86.5	75.4	58.1	37.1	24.7	17.3	9.9
-55°	178.0	148.3	121.1	101.4	89.0	77.9	55.6	33.4	24.7	17.3	9.9
-57.5°	169.3	143.4	117.4	102.6	92.7	75.4	51.9	32.1	24.7	16.1	9.9
-60°	163.2	138.4	118.7	107.5	93.9	71.7	49.4	32.1	24.7	16.1	8.7
-62.5°	158.2	139.7	124.8	111.2	89.0	66.7	47.0	32.1	22.2	14.8	8.7
-65°	159.4	144.6	127.3	106.3	85.3	61.8	43.3	30.9	21.0	13.6	8.7
-67.5°	163.2	140.9	119.9	100.1	76.6	55.6	39.6	28.4	19.8	13.6	8.7
-70°	150.8	129.8	108.8	85.3	65.5	48.2	37.1	26.0	17.3	12.4	8.7
-72.5°	136.0	108.8	86.5	69.2	55.6	44.5	33.4	23.5	16.1	11.1	7.4
-75°	98.9	79.1	64.3	58.1	49.4	39.6	29.7	21.0	14.8	11.1	7.4
-77.5°	70.5	65.5	59.3	53.1	44.5	34.6	26.0	19.8	13.6	9.9	6.2
-80°	69.2	63.0	55.6	45.7	37.1	29.7	22.2	17.3	12.4	8.7	4.9
-82.5°	58.1	49.4	42.0	34.6	28.4	23.5	18.5	13.6	9.9	6.2	3.7
-85°	35.8	30.9	27.2	23.5	19.8	16.1	12.4	8.7	6.2	3.7	2.5
-87.5°	17.3	16.1	13.6	11.1	9.9	7.4	6.2	4.9	3.7	2.5	1.2
-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: P723812

CATALOG NUMBER: IFLD-S-SA3A-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°	1.2	0.0	0.0	0.0
80°	1.2	0.0	0.0	0.0
77.5°	1.2	0.0	0.0	0.0
75°	1.2	1.2	0.0	0.0
72.5°	1.2	1.2	0.0	0.0
70°	2.5	1.2	1.2	0.0
67.5°	2.5	1.2	1.2	0.0
65°	2.5	1.2	1.2	0.0
62.5°	2.5	1.2	1.2	0.0
60°	2.5	1.2	1.2	0.0
57.5°	2.5	1.2	1.2	0.0
55°	2.5	1.2	1.2	0.0
52.5°	2.5	1.2	1.2	0.0
50°	2.5	1.2	1.2	0.0
47.5°	2.5	2.5	1.2	0.0
45°	2.5	2.5	1.2	0.0
42.5°	2.5	2.5	1.2	0.0
40°	2.5	2.5	1.2	0.0
37.5°	2.5	2.5	1.2	0.0
35°	2.5	2.5	1.2	0.0
32.5°	3.7	2.5	1.2	0.0
30°	3.7	2.5	2.5	0.0
27.5°	3.7	2.5	2.5	0.0
25°	3.7	2.5	2.5	0.0
22.5°	3.7	2.5	2.5	0.0
20°	3.7	2.5	2.5	0.0
17.5°	3.7	2.5	2.5	0.0
15°	3.7	2.5	2.5	0.0
12.5°	3.7	2.5	2.5	0.0
10°	3.7	2.5	2.5	0.0
7.5°	3.7	2.5	2.5	0.0
5°	3.7	2.5	2.5	0.0
2.5°	3.7	2.5	2.5	0.0
0°	3.7	2.5	2.5	0.0
-2.5°	3.7	2.5	2.5	0.0
-5°	3.7	2.5	2.5	0.0
-7.5°	3.7	2.5	2.5	0.0
-10°	3.7	2.5	2.5	0.0
-12.5°	4.9	2.5	2.5	0.0
-15°	4.9	2.5	2.5	0.0
-17.5°	4.9	2.5	2.5	0.0
-20°	4.9	2.5	2.5	0.0

REPORT NUMBER: P723812

CATALOG NUMBER: IFLD-S-SA3A-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	4.9	2.5	2.5	0.0
-25°	4.9	2.5	2.5	0.0
-27.5°	4.9	2.5	2.5	0.0
-30°	4.9	2.5	2.5	0.0
-32.5°	4.9	2.5	2.5	0.0
-35°	4.9	2.5	2.5	0.0
-37.5°	4.9	2.5	2.5	0.0
-40°	4.9	2.5	2.5	0.0
-42.5°	3.7	2.5	1.2	0.0
-45°	4.9	2.5	1.2	0.0
-47.5°	4.9	2.5	1.2	0.0
-50°	4.9	2.5	1.2	0.0
-52.5°	4.9	2.5	1.2	0.0
-55°	4.9	2.5	1.2	0.0
-57.5°	4.9	2.5	1.2	0.0
-60°	4.9	2.5	1.2	0.0
-62.5°	4.9	2.5	1.2	0.0
-65°	4.9	2.5	1.2	0.0
-67.5°	4.9	2.5	1.2	0.0
-70°	4.9	1.2	1.2	0.0
-72.5°	3.7	1.2	1.2	0.0
-75°	3.7	1.2	1.2	0.0
-77.5°	2.5	1.2	0.0	0.0
-80°	2.5	1.2	0.0	0.0
-82.5°	2.5	1.2	0.0	0.0
-85°	1.2	0.0	0.0	0.0
-87.5°	1.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)