

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: P723638

Luminaire Tested: **IFLD-S-SA3A-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723638
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	6091.3 lumens	Max Intensity:	143306.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	64.3 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:	2208.9 lumens	Field Lumens:	3521.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

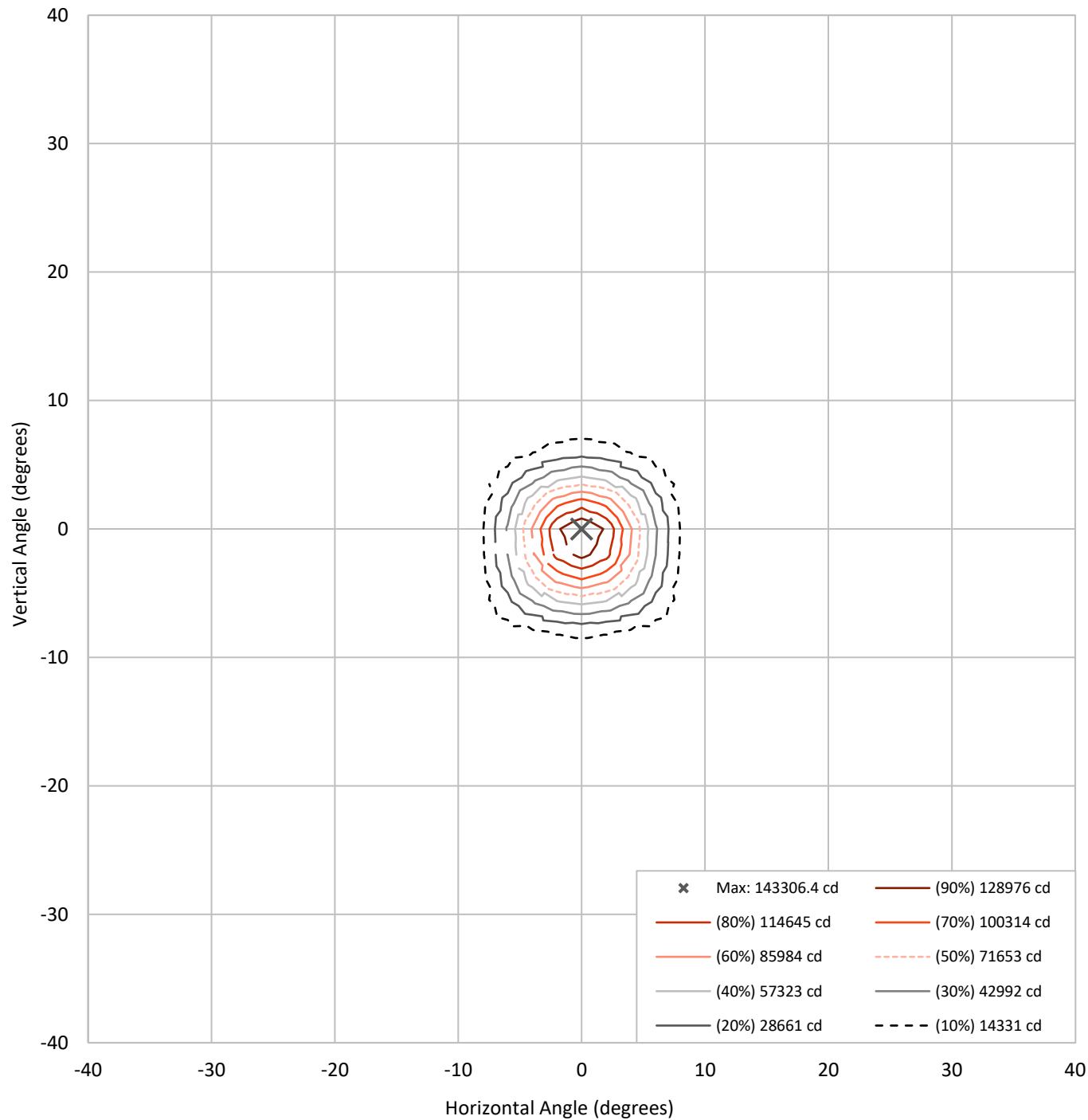
Input Watts (W): 94.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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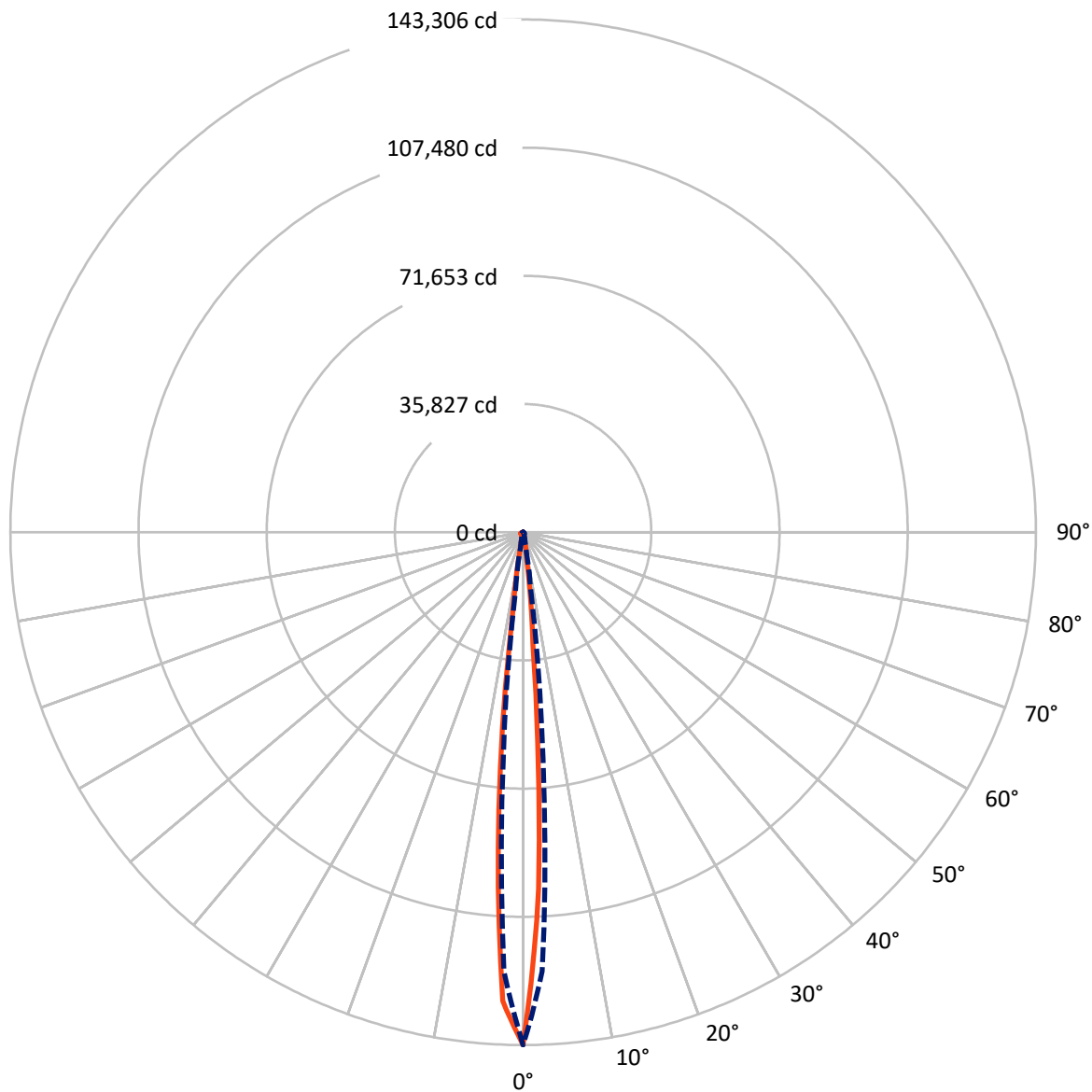
Lumen Table

Vertical Angle (degrees)																
	0.1	1.4		1.5		0.6		0.2		0.6		1.5		1.4		0.1
90																
80	0.1	1.4		1.5		0.6		0.2		0.6		1.5		1.4		0.1
70																
60	0.2	0.3	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.3	0.2
50		0.2	0.3	0.7	1.6	2.6	3.3	3.8	3.8	3.3	2.6	1.6	0.7	0.3	0.2	
40	0.2	0.2	0.8	2.8	5.5	8.0	9.6	10.7	10.7	9.6	8.0	5.5	2.8	0.8	0.2	0.2
30		0.4	2.1	5.7	9.3	10.9	11.8	12.2	12.2	11.8	10.9	9.3	5.7	2.1	0.4	
20	0.2	0.8	3.6	8.3	10.7	11.1	13.0	15.7	15.7	13.0	11.1	10.7	8.3	3.6	0.8	0.2
10		1.2	5.1	10.2	11.4	12.9	22.7	38.7	38.7	22.7	12.9	11.4	10.2	5.1	1.2	
0	0.4	1.6	6.2	11.2	11.9	15.9	43.1	799.6	799.6	43.1	15.9	11.9	11.2	6.2	1.6	0.4
-10		1.9	6.8	11.8	12.3	16.5	46.5	1165.9	1165.9	46.5	16.5	12.3	11.8	6.8	1.9	
-20	0.6	2.0	7.0	12.4	13.3	14.9	27.0	51.9	51.9	27.0	14.9	13.3	12.4	7.0	2.0	0.6
-30		1.9	6.6	12.5	14.9	15.0	17.5	21.4	21.4	17.5	15.0	14.9	12.5	6.6	1.9	
-40	0.6	1.7	5.9	12.0	16.4	17.9	18.7	18.8	18.8	18.7	17.9	16.4	12.0	5.9	1.7	0.6
-50		1.5	4.7	10.2	15.9	19.3	21.6	22.7	22.7	21.6	19.3	15.9	10.2	4.7	1.5	
-60	0.5	1.3	3.6	7.9	13.5	18.2	21.1	22.3	22.3	21.1	18.2	13.5	7.9	3.6	1.3	0.5
-70		1.2	3.2	6.4	11.3	15.9	19.2	20.8	20.8	19.2	15.9	11.3	6.4	3.2	1.2	
-80	0.2	3.8		11.2		20.8		22.9		20.8		11.2		3.8		0.2
-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



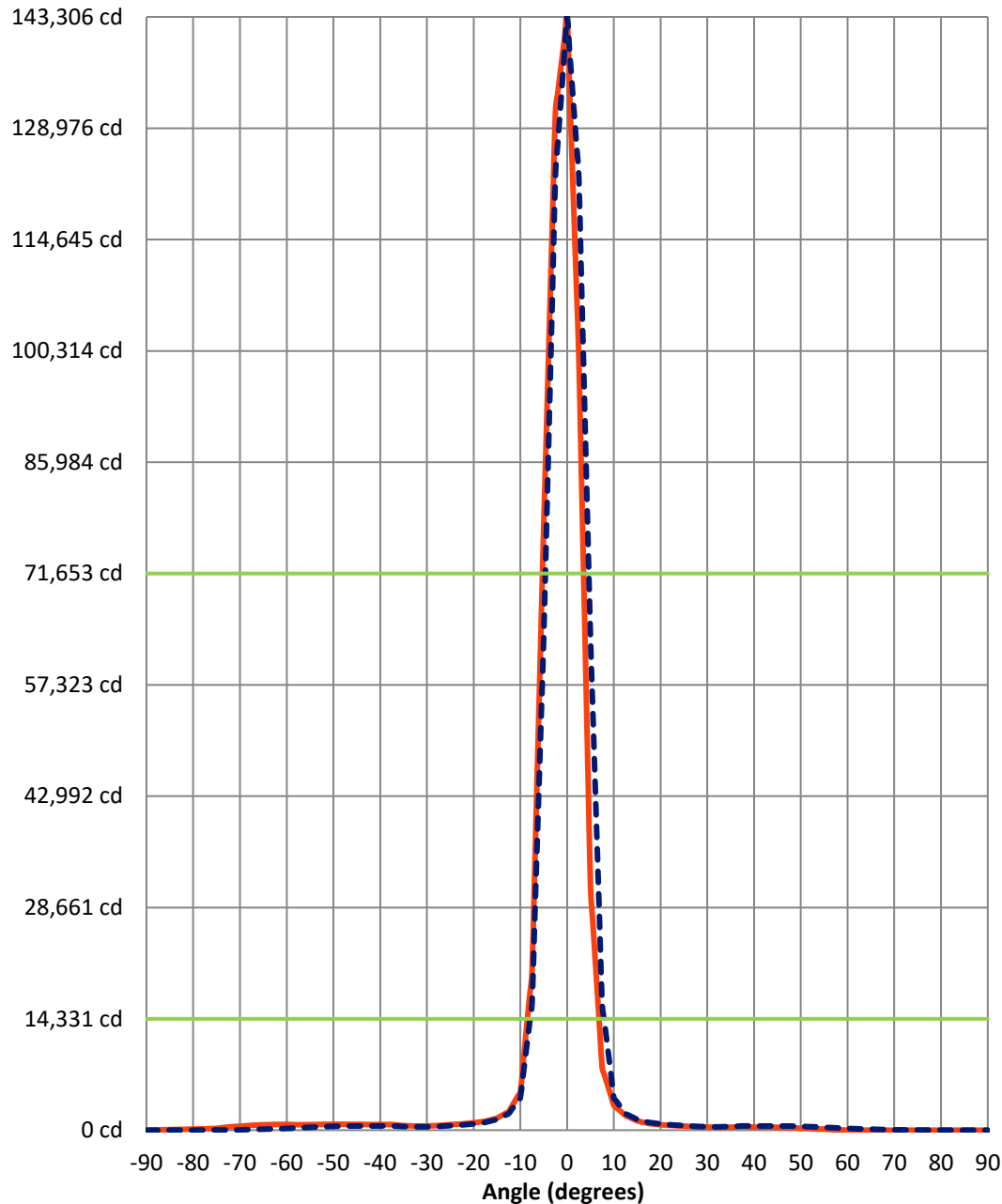
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 8.8°
Lumens: 2208.9
Efficiency: 36.3%

Field:
H Angle: 15.8°
V Angle: 15.3°
Lumens: 3521.5
Efficiency: 57.8%

Spill:
Lumens: 2569.8
Efficiency: 42.2%

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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	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
85°	0.0	1.4	1.4	2.8	2.8	2.8	4.2	5.6	7.0	7.0	8.4
82.5°	0.0	1.4	1.4	2.8	2.8	4.2	4.2	7.0	8.4	9.8	12.7
80°	1.4	1.4	1.4	2.8	2.8	4.2	4.2	5.6	7.0	9.8	11.2
77.5°	0.0	1.4	1.4	1.4	2.8	2.8	2.8	4.2	5.6	7.0	8.4
75°	0.0	1.4	1.4	1.4	2.8	2.8	2.8	2.8	4.2	4.2	5.6
72.5°	0.0	0.0	0.0	1.4	1.4	2.8	2.8	2.8	4.2	4.2	4.2
70°	0.0	0.0	0.0	1.4	1.4	2.8	2.8	2.8	4.2	4.2	4.2
67.5°	0.0	0.0	0.0	1.4	1.4	2.8	2.8	2.8	4.2	4.2	4.2
65°	0.0	0.0	0.0	1.4	1.4	2.8	2.8	4.2	4.2	4.2	4.2
62.5°	1.4	1.4	1.4	2.8	4.2	4.2	5.6	7.0	7.0	7.0	7.0
60°	14.1	15.5	16.9	16.9	15.5	15.5	16.9	16.9	16.9	16.9	16.9
57.5°	38.0	40.8	42.2	42.2	42.2	40.8	46.4	47.8	42.2	39.4	43.6
55°	132.2	136.4	133.6	129.4	120.9	111.1	108.3	106.9	108.3	101.2	90.0
52.5°	192.6	196.9	195.5	192.6	187.0	180.0	174.4	168.7	163.1	151.9	139.2
50°	250.3	251.7	250.3	247.5	241.9	234.8	223.6	210.9	199.7	196.9	185.6
47.5°	315.0	319.2	319.2	317.8	313.6	300.9	284.0	265.8	257.3	254.5	243.3
45°	372.6	375.4	376.8	378.3	376.8	364.2	348.7	338.9	320.6	315.0	315.0
42.5°	388.1	389.5	390.9	392.3	396.5	386.7	374.0	357.2	352.9	351.5	348.7
40°	393.7	390.9	392.3	393.7	395.1	388.1	378.3	368.4	365.6	362.8	362.8
37.5°	447.2	434.5	424.7	416.2	409.2	402.2	392.3	383.9	376.8	371.2	376.8
35°	381.1	381.1	390.9	399.3	407.8	416.2	417.6	407.8	392.3	385.3	395.1
32.5°	389.5	389.5	389.5	392.3	395.1	402.2	409.2	413.4	424.7	412.0	412.0
30°	397.9	399.3	402.2	403.6	399.3	396.5	393.7	393.7	400.8	419.0	428.9
27.5°	447.2	447.2	442.9	437.3	424.7	405.0	395.1	381.1	382.5	390.9	414.8
25°	527.3	524.5	514.7	500.6	478.1	450.0	423.3	393.7	381.1	376.8	386.7
22.5°	603.2	599.0	586.4	573.7	555.4	527.3	482.3	437.3	397.9	381.1	376.8
20°	700.3	690.4	676.4	656.7	627.1	599.0	559.6	500.6	442.9	399.3	382.5
17.5°	856.3	843.7	817.0	781.8	731.2	687.6	631.4	575.1	510.4	440.1	402.2
15°	1198.0	1165.7	1119.3	1022.3	922.4	839.5	755.1	660.9	594.8	502.0	444.3
12.5°	1884.2	1795.7	1660.7	1434.3	1210.7	1018.1	881.7	760.7	653.9	568.1	486.5
10°	3189.1	2999.3	2626.7	2008.0	1596.0	1241.6	997.0	835.3	700.3	611.7	521.7
7.5°	8065.7	6579.4	4655.8	3179.3	2088.1	1517.2	1140.4	905.6	749.5	639.8	549.8
5°	31435.9	25895.7	13814.0	5765.2	3141.3	1835.0	1269.8	961.8	781.8	660.9	570.9
2.5°	99767.8	86156.2	45202.1	12410.7	3857.1	2067.0	1358.3	997.0	800.1	676.4	586.4
0°	143306.4	122818.8	63438.5	16322.6	4183.3	2126.1	1386.5	1004.0	802.9	679.2	586.4
-2.5°	131101.0	114739.1	61281.4	15189.2	4274.7	2143.0	1409.0	1027.9	824.0	691.8	590.6
-5°	77899.3	68329.1	42748.4	10830.2	3798.0	1989.7	1349.9	1006.8	809.9	684.8	587.8
-7.5°	20524.2	17768.1	11687.9	5651.3	2458.0	1683.2	1240.2	971.6	791.7	672.1	576.5
-10°	4948.2	4689.5	4188.9	2567.6	1913.8	1406.2	1099.6	908.4	755.1	655.3	558.2
-12.5°	2386.2	2330.0	2114.9	1743.6	1420.2	1168.5	995.6	842.3	721.4	625.7	532.9
-15°	1552.4	1520.0	1446.9	1304.9	1140.4	1019.5	898.5	774.8	679.2	582.1	511.8
-17.5°	1148.8	1147.4	1110.9	1057.4	975.9	885.9	797.3	718.5	625.7	542.8	489.3
-20°	952.0	952.0	930.9	895.7	838.1	779.0	719.9	646.8	570.9	509.0	486.5

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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°	808.5	809.9	798.7	776.2	745.3	696.0	638.4	579.3	524.5	502.0	495.0
-25°	715.7	712.9	700.3	679.2	646.8	607.5	569.5	530.1	514.7	509.0	518.9
-27.5°	606.1	610.3	604.6	594.8	573.7	545.6	537.1	525.9	528.7	537.1	575.1
-30°	541.4	545.6	551.2	555.4	548.4	541.4	544.2	552.6	570.9	603.2	617.3
-32.5°	541.4	542.8	551.2	559.6	563.9	569.5	585.0	613.1	639.8	631.4	628.5
-35°	590.6	586.4	597.6	608.9	624.3	644.0	660.9	655.3	645.4	642.6	645.4
-37.5°	731.2	704.5	693.2	686.2	682.0	679.2	675.0	670.7	666.5	663.7	667.9
-40°	729.8	722.8	715.7	710.1	705.9	700.3	697.5	696.0	691.8	689.0	686.2
-42.5°	727.0	729.8	729.8	728.4	729.8	728.4	724.2	718.5	711.5	705.9	700.3
-45°	748.1	749.5	752.3	755.1	759.3	753.7	745.3	735.4	725.6	717.1	710.1
-47.5°	760.7	762.1	764.9	769.2	772.0	766.4	755.1	742.4	727.0	712.9	698.9
-50°	764.9	769.2	770.6	770.6	769.2	762.1	745.3	727.0	710.1	696.0	683.4
-52.5°	745.3	749.5	750.9	748.1	746.7	739.6	724.2	707.3	689.0	679.2	667.9
-55°	712.9	718.5	722.8	722.8	722.8	721.4	707.3	691.8	677.8	666.5	655.3
-57.5°	700.3	710.1	718.5	719.9	721.4	722.8	712.9	697.5	680.6	663.7	649.6
-60°	746.7	755.1	759.3	753.7	749.5	745.3	729.8	711.5	694.6	677.8	651.0
-62.5°	734.0	748.1	755.1	750.9	745.3	738.2	721.4	700.3	680.6	662.3	635.6
-65°	693.2	705.9	714.3	707.3	698.9	689.0	673.5	653.9	635.6	617.3	593.4
-67.5°	624.3	642.6	656.7	641.2	630.0	617.3	604.6	587.8	569.5	548.4	525.9
-70°	516.1	530.1	542.8	538.6	535.7	532.9	524.5	507.6	492.2	475.3	455.6
-72.5°	414.8	427.5	438.7	431.7	426.1	417.6	405.0	386.7	368.4	350.1	331.9
-75°	229.2	233.4	237.6	236.2	236.2	236.2	236.2	237.6	234.8	230.6	222.2
-77.5°	175.8	181.4	185.6	188.4	192.6	198.3	202.5	195.5	188.4	181.4	173.0
-80°	137.8	143.4	147.6	163.1	174.4	187.0	195.5	185.6	175.8	167.3	160.3
-82.5°	104.1	108.3	112.5	120.9	126.6	133.6	139.2	139.2	137.8	136.4	132.2
-85°	75.9	81.6	87.2	90.0	94.2	94.2	95.6	90.0	84.4	80.2	74.5
-87.5°	43.6	45.0	45.0	45.0	46.4	46.4	46.4	43.6	42.2	39.4	38.0
-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°	1.4	1.4	1.4	2.8	2.8	4.2	4.2	5.6	5.6	7.0	7.0
85°	8.4	8.4	8.4	9.8	9.8	11.2	12.7	14.1	15.5	15.5	16.9
82.5°	14.1	15.5	16.9	18.3	19.7	21.1	22.5	23.9	28.1	30.9	32.3
80°	14.1	15.5	19.7	22.5	25.3	28.1	28.1	28.1	28.1	29.5	32.3
77.5°	9.8	11.2	12.7	15.5	22.5	28.1	32.3	35.2	32.3	30.9	28.1
75°	5.6	7.0	8.4	9.8	14.1	19.7	26.7	33.7	39.4	38.0	35.2
72.5°	5.6	5.6	7.0	8.4	9.8	11.2	12.7	19.7	28.1	35.2	39.4
70°	5.6	7.0	7.0	8.4	9.8	11.2	12.7	15.5	19.7	28.1	36.6
67.5°	5.6	7.0	7.0	9.8	12.7	14.1	15.5	14.1	12.7	18.3	26.7
65°	5.6	5.6	7.0	8.4	9.8	11.2	15.5	15.5	14.1	14.1	14.1
62.5°	8.4	8.4	8.4	8.4	9.8	9.8	9.8	12.7	12.7	12.7	12.7
60°	16.9	15.5	15.5	15.5	15.5	12.7	12.7	12.7	11.2	12.7	11.2
57.5°	40.8	33.7	30.9	30.9	26.7	25.3	21.1	15.5	15.5	12.7	12.7
55°	83.0	78.7	66.1	54.8	49.2	43.6	33.7	28.1	21.1	16.9	15.5
52.5°	128.0	116.7	105.5	91.4	77.3	66.1	56.2	43.6	35.2	25.3	19.7
50°	167.3	157.5	144.8	129.4	111.1	97.0	83.0	66.1	52.0	39.4	28.1
47.5°	227.8	208.1	192.6	174.4	153.3	133.6	115.3	95.6	73.1	57.7	43.6
45°	292.5	264.4	243.3	226.4	198.3	171.6	150.5	129.4	102.6	75.9	59.1
42.5°	337.5	316.4	288.3	265.8	240.5	212.3	184.2	161.7	133.6	102.6	75.9
40°	361.4	347.3	324.8	305.1	278.4	247.5	218.0	195.5	165.9	132.2	95.6
37.5°	379.7	372.6	361.4	345.9	320.6	284.0	254.5	227.8	202.5	163.1	123.7
35°	400.8	399.3	392.3	385.3	364.2	329.0	293.9	263.0	232.0	195.5	151.9
32.5°	420.4	419.0	414.8	412.0	403.6	372.6	334.7	299.5	264.4	226.4	178.6
30°	430.3	427.5	427.5	430.3	421.8	402.2	374.0	336.1	296.7	251.7	206.7
27.5°	430.3	427.5	428.9	433.1	431.7	421.8	400.8	369.8	326.2	275.6	232.0
25°	412.0	426.1	426.1	431.7	433.1	430.3	419.0	399.3	354.3	300.9	251.7
22.5°	386.7	420.4	433.1	431.7	433.1	440.1	441.5	423.3	381.1	326.2	271.4
20°	386.7	410.6	447.2	437.3	440.1	455.6	462.6	447.2	409.2	350.1	291.1
17.5°	395.1	410.6	441.5	457.0	461.2	473.9	485.1	475.3	434.5	375.4	317.8
15°	419.0	416.2	437.3	475.3	482.3	492.2	504.8	493.6	457.0	403.6	343.1
12.5°	435.9	420.4	437.3	478.1	500.6	510.4	514.7	506.2	476.7	428.9	368.4
10°	458.4	431.7	440.1	475.3	507.6	514.7	518.9	516.1	495.0	450.0	390.9
7.5°	475.3	437.3	437.3	471.1	514.7	520.3	523.1	525.9	510.4	468.2	410.6
5°	482.3	437.3	434.5	466.8	521.7	527.3	527.3	531.5	521.7	482.3	424.7
2.5°	483.7	435.9	431.7	464.0	534.3	534.3	531.5	535.7	530.1	490.7	434.5
0°	490.7	434.5	430.3	468.2	548.4	542.8	535.7	537.1	534.3	495.0	440.1
-2.5°	490.7	441.5	435.9	471.1	547.0	545.6	542.8	544.2	541.4	507.6	451.4
-5°	497.8	451.4	445.7	483.7	545.6	549.8	551.2	551.2	547.0	516.1	458.4
-7.5°	499.2	458.4	457.0	496.4	548.4	555.4	559.6	562.5	554.0	521.7	464.0
-10°	492.2	461.2	468.2	511.8	551.2	561.1	569.5	573.7	559.6	524.5	466.8
-12.5°	476.7	461.2	479.5	531.5	558.2	569.5	582.1	583.6	565.3	525.9	468.2
-15°	475.3	472.5	499.2	551.2	562.5	576.5	596.2	592.0	569.5	525.9	468.2
-17.5°	473.9	487.9	528.7	558.2	569.5	585.0	600.4	596.2	572.3	525.9	465.4
-20°	486.5	513.2	563.9	565.3	577.9	594.8	603.2	594.8	568.1	521.7	461.2

REPORT NUMBER: P723638

CATALOG NUMBER: IFLD-S-SA3A-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°	507.6	558.2	575.1	580.7	592.0	604.6	608.9	596.2	563.9	514.7	454.2
-25°	561.1	586.4	586.4	599.0	610.3	615.9	611.7	597.6	558.2	507.6	447.2
-27.5°	601.8	600.4	607.5	620.1	630.0	630.0	618.7	590.6	549.8	500.6	437.3
-30°	617.3	618.7	628.5	642.6	645.4	638.4	621.5	585.0	542.8	489.3	424.7
-32.5°	632.8	638.4	651.0	658.1	659.5	645.4	614.5	575.1	531.5	476.7	410.6
-35°	651.0	662.3	669.3	670.7	663.7	639.8	604.6	562.5	514.7	458.4	397.9
-37.5°	675.0	680.6	684.8	679.2	659.5	631.4	587.8	545.6	499.2	438.7	379.7
-40°	690.4	693.2	694.6	676.4	652.5	611.7	569.5	525.9	472.5	416.2	360.0
-42.5°	700.3	697.5	686.2	666.5	631.4	592.0	551.2	502.0	448.6	393.7	338.9
-45°	697.5	687.6	670.7	646.8	610.3	570.9	523.1	473.9	423.3	369.8	315.0
-47.5°	686.2	670.7	649.6	621.5	587.8	540.0	492.2	444.3	395.1	343.1	292.5
-50°	672.1	653.9	628.5	593.4	548.4	504.8	461.2	414.8	364.2	316.4	271.4
-52.5°	656.7	637.0	604.6	565.3	516.1	471.1	428.9	383.9	337.5	292.5	253.1
-55°	639.8	620.1	583.6	538.6	489.3	440.1	399.3	361.4	316.4	272.8	237.6
-57.5°	631.4	606.1	568.1	523.1	471.1	420.4	385.3	344.5	303.7	258.7	225.0
-60°	624.3	599.0	563.9	511.8	462.6	414.8	374.0	334.7	291.1	248.9	215.1
-62.5°	604.6	577.9	545.6	495.0	447.2	403.6	367.0	320.6	278.4	239.0	208.1
-65°	565.3	537.1	509.0	464.0	420.4	379.7	343.1	300.9	261.5	227.8	201.1
-67.5°	503.4	479.5	454.2	416.2	379.7	343.1	309.4	272.8	240.5	216.5	202.5
-70°	434.5	409.2	383.9	352.9	322.0	292.5	265.8	239.0	218.0	205.3	194.0
-72.5°	316.4	305.1	292.5	268.6	243.3	225.0	212.3	201.1	185.6	174.4	167.3
-75°	210.9	195.5	175.8	167.3	168.7	165.9	158.9	150.5	143.4	139.2	129.4
-77.5°	164.5	156.1	146.2	136.4	132.2	128.0	122.3	115.3	109.7	99.8	85.8
-80°	151.9	144.8	137.8	130.8	123.7	113.9	102.6	91.4	85.8	81.6	80.2
-82.5°	125.1	116.7	108.3	101.2	91.4	84.4	77.3	71.7	71.7	70.3	68.9
-85°	71.7	68.9	64.7	61.9	59.1	54.8	50.6	47.8	46.4	45.0	43.6
-87.5°	36.6	35.2	32.3	30.9	29.5	28.1	25.3	23.9	22.5	22.5	21.1
-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-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°	7.0	7.0	5.6	5.6	5.6	4.2	2.8	2.8	1.4	1.4	0.0
85°	16.9	14.1	12.7	11.2	11.2	8.4	5.6	4.2	2.8	1.4	1.4
82.5°	32.3	28.1	23.9	21.1	16.9	12.7	9.8	7.0	4.2	2.8	1.4
80°	36.6	36.6	35.2	29.5	23.9	18.3	12.7	8.4	5.6	4.2	2.8
77.5°	28.1	30.9	30.9	30.9	29.5	22.5	15.5	9.8	5.6	4.2	2.8
75°	32.3	28.1	26.7	28.1	26.7	22.5	18.3	11.2	7.0	5.6	2.8
72.5°	39.4	33.7	29.5	28.1	25.3	21.1	16.9	12.7	7.0	5.6	4.2
70°	36.6	35.2	32.3	29.5	25.3	21.1	16.9	12.7	8.4	5.6	4.2
67.5°	32.3	32.3	32.3	29.5	25.3	19.7	15.5	11.2	8.4	5.6	4.2
65°	22.5	26.7	29.5	28.1	25.3	19.7	15.5	11.2	8.4	7.0	4.2
62.5°	14.1	18.3	23.9	26.7	23.9	19.7	14.1	11.2	8.4	7.0	4.2
60°	12.7	14.1	16.9	21.1	22.5	18.3	14.1	9.8	8.4	7.0	4.2
57.5°	12.7	12.7	14.1	16.9	18.3	16.9	12.7	8.4	8.4	7.0	5.6
55°	14.1	12.7	12.7	14.1	15.5	15.5	12.7	8.4	8.4	7.0	5.6
52.5°	16.9	14.1	12.7	12.7	12.7	14.1	11.2	8.4	8.4	7.0	5.6
50°	21.1	16.9	15.5	12.7	12.7	12.7	11.2	8.4	7.0	7.0	5.6
47.5°	28.1	22.5	16.9	15.5	12.7	11.2	9.8	8.4	7.0	7.0	5.6
45°	42.2	26.7	22.5	16.9	14.1	12.7	11.2	8.4	7.0	7.0	5.6
42.5°	57.7	39.4	28.1	19.7	15.5	12.7	11.2	9.8	7.0	7.0	5.6
40°	73.1	53.4	35.2	25.3	18.3	14.1	11.2	9.8	8.4	7.0	5.6
37.5°	90.0	66.1	46.4	32.3	21.1	15.5	12.7	9.8	8.4	7.0	5.6
35°	111.1	83.0	57.7	39.4	25.3	18.3	14.1	9.8	8.4	7.0	5.6
32.5°	135.0	98.4	68.9	47.8	32.3	22.5	15.5	11.2	8.4	7.0	5.6
30°	157.5	116.7	81.6	57.7	39.4	25.3	16.9	11.2	8.4	7.0	4.2
27.5°	180.0	135.0	97.0	67.5	47.8	29.5	18.3	12.7	8.4	7.0	5.6
25°	202.5	153.3	112.5	77.3	54.8	35.2	22.5	14.1	8.4	7.0	5.6
22.5°	222.2	171.6	126.6	88.6	63.3	40.8	25.3	15.5	9.8	7.0	5.6
20°	244.7	191.2	142.0	101.2	70.3	46.4	28.1	16.9	9.8	7.0	5.6
17.5°	265.8	210.9	157.5	112.5	78.7	52.0	32.3	18.3	11.2	7.0	5.6
15°	286.9	229.2	171.6	123.7	87.2	57.7	35.2	19.7	12.7	7.0	5.6
12.5°	306.5	246.1	184.2	133.6	94.2	63.3	38.0	21.1	14.1	7.0	5.6
10°	324.8	261.5	196.9	142.0	101.2	67.5	40.8	23.9	15.5	7.0	5.6
7.5°	343.1	274.2	206.7	150.5	109.7	73.1	43.6	25.3	16.9	8.4	5.6
5°	354.3	285.4	215.1	157.5	116.7	78.7	46.4	26.7	18.3	8.4	5.6
2.5°	364.2	293.9	220.8	164.5	123.7	83.0	46.4	28.1	19.7	8.4	5.6
0°	369.8	299.5	225.0	168.7	129.4	85.8	47.8	29.5	21.1	8.4	5.6
-2.5°	382.5	309.4	234.8	174.4	135.0	94.2	50.6	30.9	22.5	9.8	5.6
-5°	390.9	315.0	241.9	180.0	139.2	102.6	54.8	33.7	25.3	12.7	7.0
-7.5°	397.9	320.6	247.5	182.8	143.4	105.5	56.2	35.2	26.7	14.1	7.0
-10°	399.3	323.4	251.7	187.0	146.2	109.7	57.7	36.6	28.1	15.5	7.0
-12.5°	400.8	326.2	253.1	189.8	149.1	112.5	59.1	38.0	29.5	16.9	7.0
-15°	399.3	324.8	253.1	192.6	150.5	109.7	61.9	39.4	30.9	18.3	7.0
-17.5°	396.5	323.4	251.7	191.2	149.1	106.9	63.3	42.2	30.9	19.7	8.4
-20°	392.3	319.2	248.9	189.8	147.6	104.1	64.7	43.6	32.3	19.7	8.4

REPORT NUMBER: P723638

CATALOG NUMBER: IFLD-S-SA3A-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°	385.3	312.2	243.3	185.6	144.8	101.2	64.7	46.4	33.7	19.7	8.4
-25°	376.8	305.1	237.6	180.0	140.6	97.0	64.7	47.8	35.2	19.7	8.4
-27.5°	367.0	298.1	229.2	175.8	135.0	94.2	64.7	49.2	36.6	19.7	8.4
-30°	355.8	288.3	222.2	168.7	130.8	94.2	66.1	50.6	38.0	19.7	8.4
-32.5°	344.5	278.4	213.7	163.1	125.1	92.8	66.1	52.0	39.4	18.3	9.8
-35°	331.9	267.2	206.7	158.9	120.9	90.0	67.5	52.0	38.0	18.3	9.8
-37.5°	316.4	253.1	199.7	154.7	118.1	87.2	67.5	53.4	36.6	18.3	9.8
-40°	299.5	241.9	191.2	149.1	113.9	85.8	67.5	53.4	35.2	18.3	11.2
-42.5°	281.2	229.2	182.8	143.4	109.7	84.4	67.5	53.4	33.7	18.3	11.2
-45°	264.4	216.5	173.0	136.4	105.5	84.4	67.5	52.0	30.9	19.7	11.2
-47.5°	246.1	202.5	161.7	129.4	104.1	83.0	66.1	49.2	28.1	19.7	11.2
-50°	230.6	188.4	153.3	122.3	101.2	84.4	67.5	45.0	28.1	19.7	11.2
-52.5°	215.1	178.6	143.4	119.5	98.4	85.8	66.1	42.2	28.1	19.7	11.2
-55°	202.5	168.7	137.8	115.3	101.2	88.6	63.3	38.0	28.1	19.7	11.2
-57.5°	192.6	163.1	133.6	116.7	105.5	85.8	59.1	36.6	28.1	18.3	11.2
-60°	185.6	157.5	135.0	122.3	106.9	81.6	56.2	36.6	28.1	18.3	9.8
-62.5°	180.0	158.9	142.0	126.6	101.2	75.9	53.4	36.6	25.3	16.9	9.8
-65°	181.4	164.5	144.8	120.9	97.0	70.3	49.2	35.2	23.9	15.5	9.8
-67.5°	185.6	160.3	136.4	113.9	87.2	63.3	45.0	32.3	22.5	15.5	9.8
-70°	171.6	147.6	123.7	97.0	74.5	54.8	42.2	29.5	19.7	14.1	9.8
-72.5°	154.7	123.7	98.4	78.7	63.3	50.6	38.0	26.7	18.3	12.7	8.4
-75°	112.5	90.0	73.1	66.1	56.2	45.0	33.7	23.9	16.9	12.7	8.4
-77.5°	80.2	74.5	67.5	60.5	50.6	39.4	29.5	22.5	15.5	11.2	7.0
-80°	78.7	71.7	63.3	52.0	42.2	33.7	25.3	19.7	14.1	9.8	5.6
-82.5°	66.1	56.2	47.8	39.4	32.3	26.7	21.1	15.5	11.2	7.0	4.2
-85°	40.8	35.2	30.9	26.7	22.5	18.3	14.1	9.8	7.0	4.2	2.8
-87.5°	19.7	18.3	15.5	12.7	11.2	8.4	7.0	5.6	4.2	2.8	1.4
-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: P723638

CATALOG NUMBER: IFLD-S-SA3A-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°	1.4	0.0	0.0	0.0
80°	1.4	0.0	0.0	0.0
77.5°	1.4	0.0	0.0	0.0
75°	1.4	1.4	0.0	0.0
72.5°	1.4	1.4	0.0	0.0
70°	2.8	1.4	1.4	0.0
67.5°	2.8	1.4	1.4	0.0
65°	2.8	1.4	1.4	0.0
62.5°	2.8	1.4	1.4	0.0
60°	2.8	1.4	1.4	0.0
57.5°	2.8	1.4	1.4	0.0
55°	2.8	1.4	1.4	0.0
52.5°	2.8	1.4	1.4	0.0
50°	2.8	1.4	1.4	0.0
47.5°	2.8	2.8	1.4	0.0
45°	2.8	2.8	1.4	0.0
42.5°	2.8	2.8	1.4	0.0
40°	2.8	2.8	1.4	0.0
37.5°	2.8	2.8	1.4	0.0
35°	2.8	2.8	1.4	0.0
32.5°	4.2	2.8	1.4	0.0
30°	4.2	2.8	2.8	0.0
27.5°	4.2	2.8	2.8	0.0
25°	4.2	2.8	2.8	0.0
22.5°	4.2	2.8	2.8	0.0
20°	4.2	2.8	2.8	0.0
17.5°	4.2	2.8	2.8	0.0
15°	4.2	2.8	2.8	0.0
12.5°	4.2	2.8	2.8	0.0
10°	4.2	2.8	2.8	0.0
7.5°	4.2	2.8	2.8	0.0
5°	4.2	2.8	2.8	0.0
2.5°	4.2	2.8	2.8	0.0
0°	4.2	2.8	2.8	0.0
-2.5°	4.2	2.8	2.8	0.0
-5°	4.2	2.8	2.8	0.0
-7.5°	4.2	2.8	2.8	0.0
-10°	4.2	2.8	2.8	0.0
-12.5°	5.6	2.8	2.8	0.0
-15°	5.6	2.8	2.8	0.0
-17.5°	5.6	2.8	2.8	0.0
-20°	5.6	2.8	2.8	0.0

REPORT NUMBER: P723638

CATALOG NUMBER: IFLD-S-SA3A-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	5.6	2.8	2.8	0.0
-25°	5.6	2.8	2.8	0.0
-27.5°	5.6	2.8	2.8	0.0
-30°	5.6	2.8	2.8	0.0
-32.5°	5.6	2.8	2.8	0.0
-35°	5.6	2.8	2.8	0.0
-37.5°	5.6	2.8	2.8	0.0
-40°	5.6	2.8	2.8	0.0
-42.5°	4.2	2.8	1.4	0.0
-45°	5.6	2.8	1.4	0.0
-47.5°	5.6	2.8	1.4	0.0
-50°	5.6	2.8	1.4	0.0
-52.5°	5.6	2.8	1.4	0.0
-55°	5.6	2.8	1.4	0.0
-57.5°	5.6	2.8	1.4	0.0
-60°	5.6	2.8	1.4	0.0
-62.5°	5.6	2.8	1.4	0.0
-65°	5.6	2.8	1.4	0.0
-67.5°	5.6	2.8	1.4	0.0
-70°	5.6	1.4	1.4	0.0
-72.5°	4.2	1.4	1.4	0.0
-75°	4.2	1.4	1.4	0.0
-77.5°	2.8	1.4	0.0	0.0
-80°	2.8	1.4	0.0	0.0
-82.5°	2.8	1.4	0.0	0.0
-85°	1.4	0.0	0.0	0.0
-87.5°	1.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)