

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: P723822

Luminaire Tested: **IFLD-M-SA4A-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723822
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	7186.7 lumens	Max Intensity:	169076.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	2606.2 lumens	Field Lumens:	4154.7 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

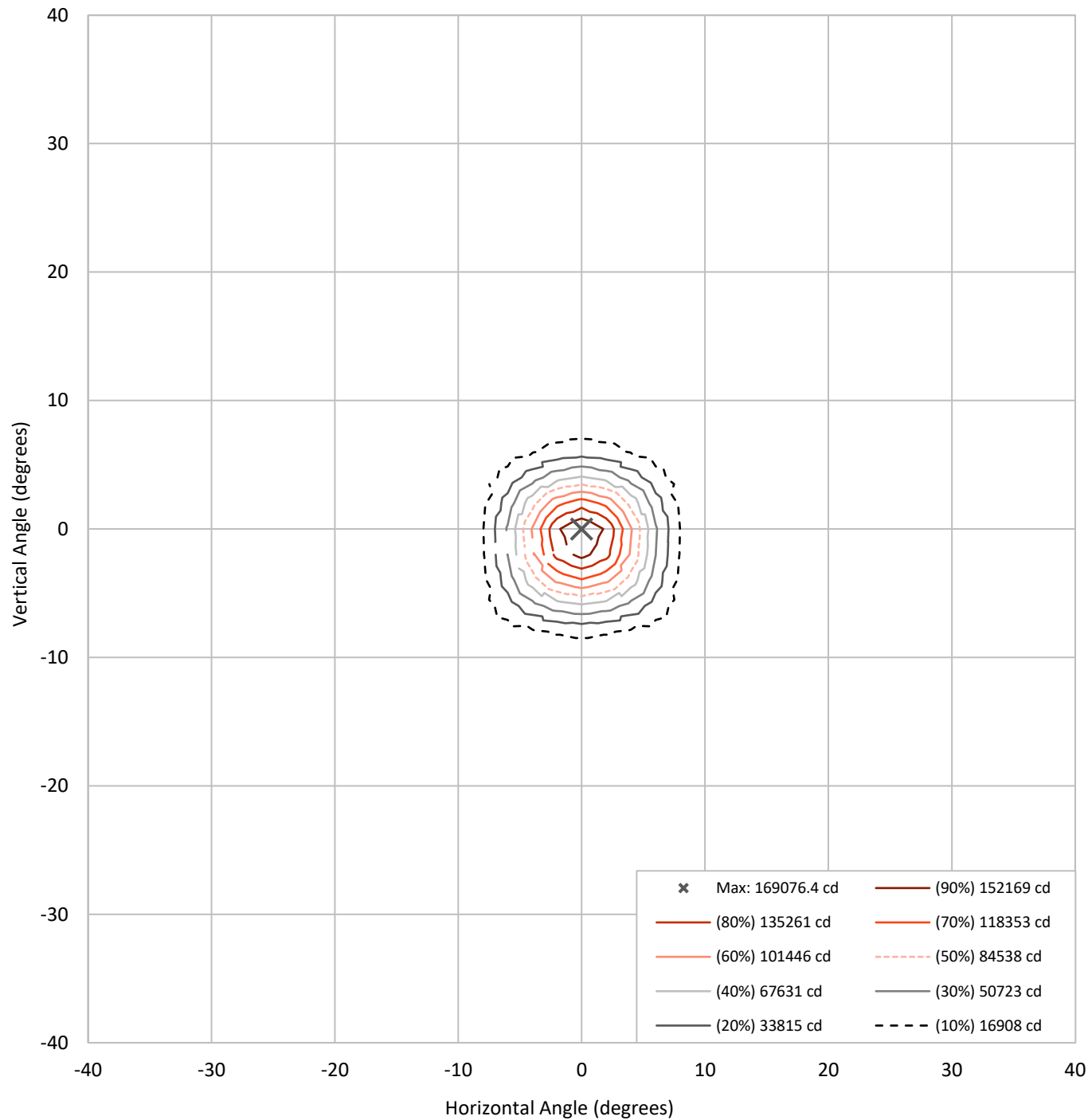
Input Watts (W): 128.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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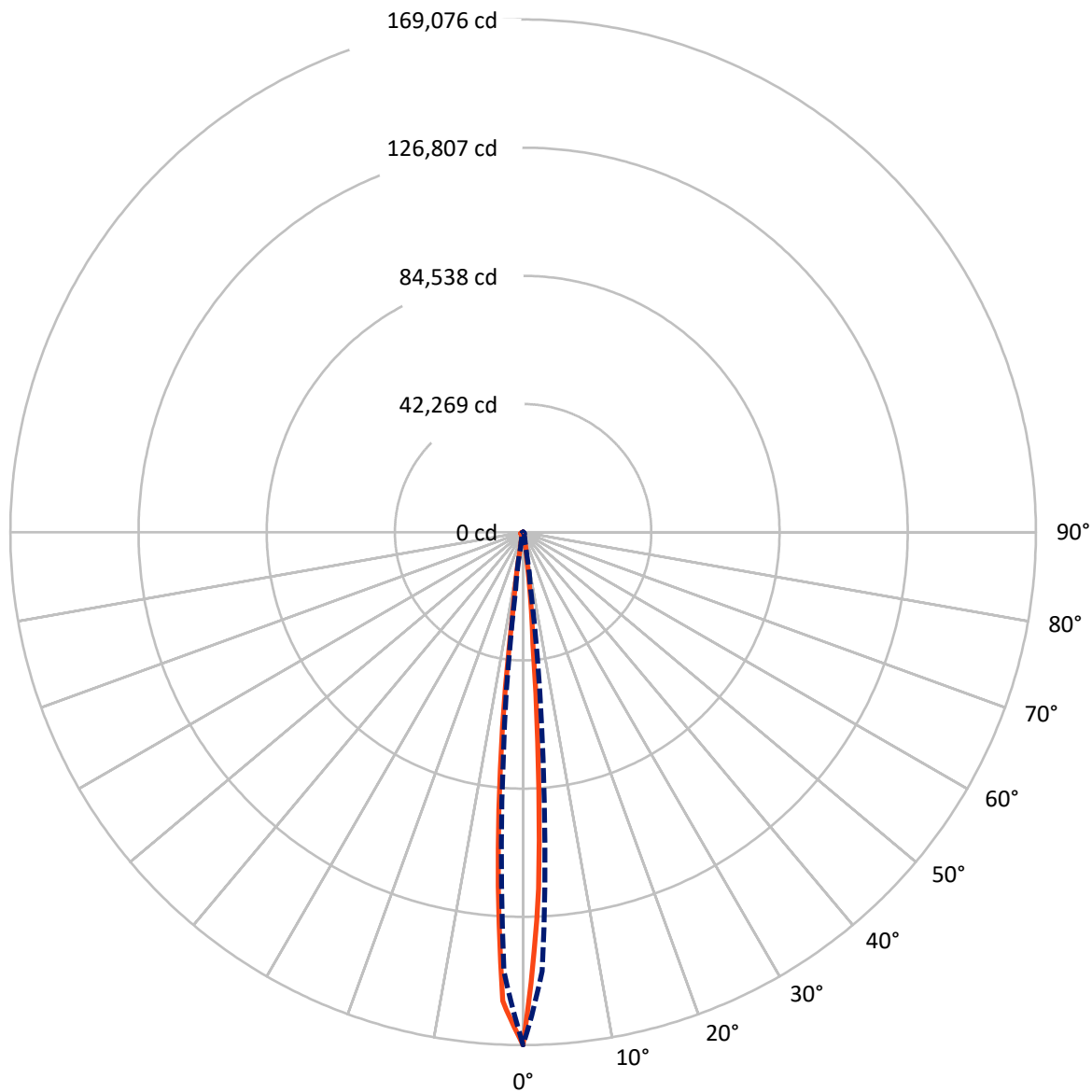
Lumen Table

[illegible]

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Luminous Intensity Polar Plot



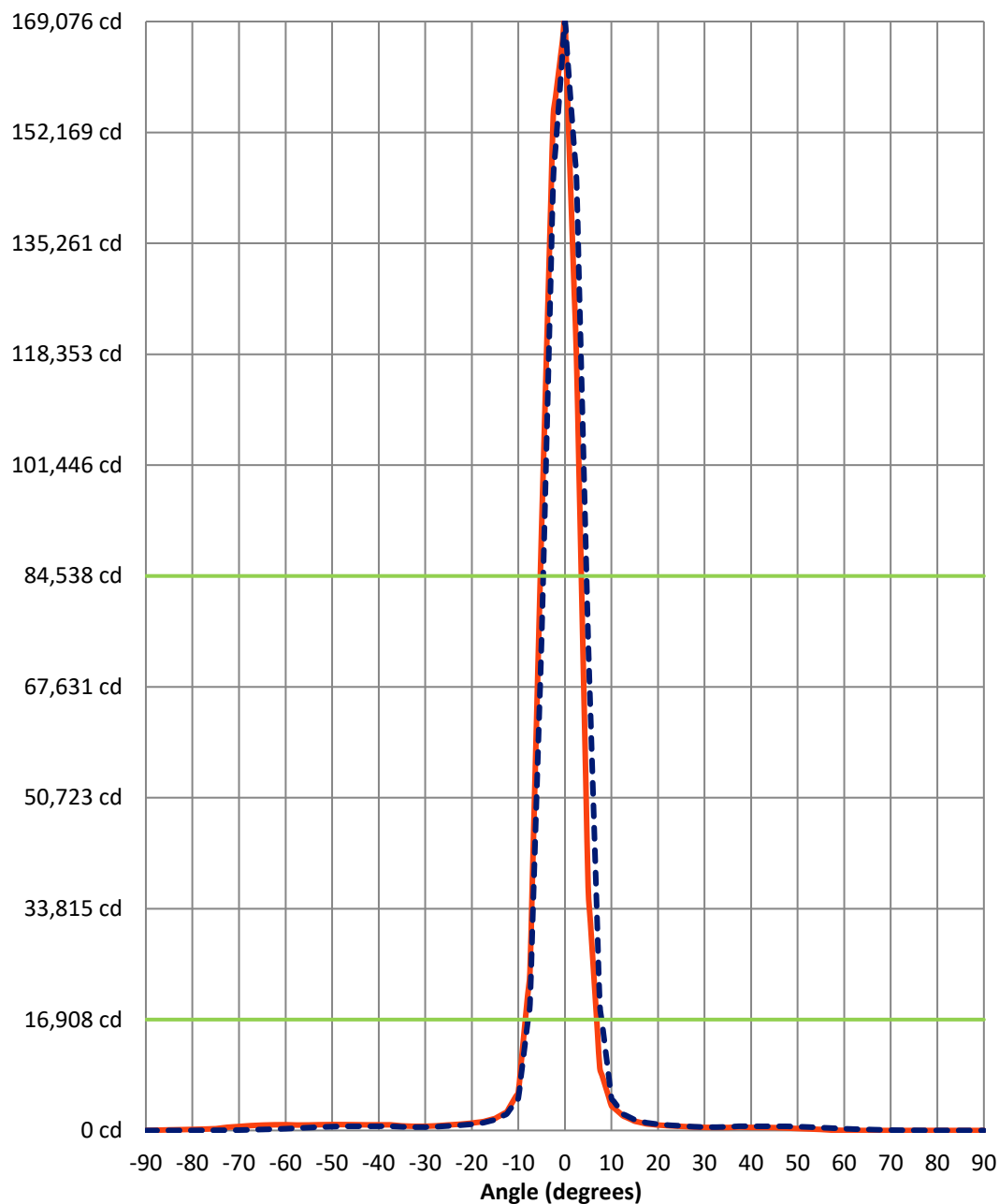
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 2606.2

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 4154.7

Efficiency: 57.8%

Spill:

Lumens: 3031.9

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	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	0.0	1.7	1.7	3.3	3.3	3.3	5.0	6.6	8.3	8.3	10.0
82.5°	0.0	1.7	1.7	3.3	3.3	5.0	5.0	8.3	10.0	11.6	14.9
80°	1.7	1.7	1.7	3.3	3.3	5.0	5.0	6.6	8.3	11.6	13.3
77.5°	0.0	1.7	1.7	1.7	3.3	3.3	3.3	5.0	6.6	8.3	10.0
75°	0.0	1.7	1.7	1.7	3.3	3.3	3.3	3.3	5.0	5.0	6.6
72.5°	0.0	0.0	0.0	1.7	1.7	3.3	3.3	3.3	5.0	5.0	5.0
70°	0.0	0.0	0.0	1.7	1.7	3.3	3.3	3.3	5.0	5.0	5.0
67.5°	0.0	0.0	0.0	1.7	1.7	3.3	3.3	3.3	5.0	5.0	5.0
65°	0.0	0.0	0.0	1.7	1.7	3.3	3.3	5.0	5.0	5.0	5.0
62.5°	1.7	1.7	1.7	3.3	5.0	5.0	6.6	8.3	8.3	8.3	8.3
60°	16.6	18.2	19.9	19.9	18.2	18.2	19.9	19.9	19.9	19.9	19.9
57.5°	44.8	48.1	49.8	49.8	49.8	48.1	54.7	56.4	49.8	46.5	51.4
55°	155.9	160.9	157.6	152.6	142.7	131.1	127.7	126.1	127.7	119.4	106.2
52.5°	227.3	232.3	230.6	227.3	220.6	212.4	205.7	199.1	192.4	179.2	164.2
50°	295.3	297.0	295.3	292.0	285.3	277.1	263.8	248.9	235.6	232.3	219.0
47.5°	371.6	376.6	376.6	374.9	370.0	355.0	335.1	313.6	303.6	300.3	287.0
45°	439.6	443.0	444.6	446.3	444.6	429.7	411.4	399.8	378.3	371.6	371.6
42.5°	457.9	459.5	461.2	462.9	467.8	456.2	441.3	421.4	416.4	414.8	411.4
40°	464.5	461.2	462.9	464.5	466.2	457.9	446.3	434.7	431.3	428.0	428.0
37.5°	527.6	512.6	501.0	491.1	482.8	474.5	462.9	452.9	444.6	438.0	444.6
35°	449.6	449.6	461.2	471.2	481.1	491.1	492.7	481.1	462.9	454.6	466.2
32.5°	459.5	459.5	459.5	462.9	466.2	474.5	482.8	487.7	501.0	486.1	486.1
30°	469.5	471.2	474.5	476.1	471.2	467.8	464.5	464.5	472.8	494.4	506.0
27.5°	527.6	527.6	522.6	516.0	501.0	477.8	466.2	449.6	451.3	461.2	489.4
25°	622.1	618.8	607.2	590.6	564.1	530.9	499.4	464.5	449.6	444.6	456.2
22.5°	711.7	706.7	691.8	676.9	655.3	622.1	569.0	516.0	469.5	449.6	444.6
20°	826.2	814.6	798.0	774.8	739.9	706.7	660.3	590.6	522.6	471.2	451.3
17.5°	1010.3	995.4	963.9	922.4	862.7	811.3	744.9	678.5	602.2	519.3	474.5
15°	1413.5	1375.3	1320.6	1206.1	1088.3	990.4	890.9	779.7	701.8	592.3	524.2
12.5°	2223.1	2118.6	1959.3	1692.2	1428.4	1201.1	1040.2	897.5	771.4	670.2	574.0
10°	3762.6	3538.7	3099.0	2369.1	1883.0	1464.9	1176.2	985.5	826.2	721.7	615.5
7.5°	9516.1	7762.5	5493.0	3751.0	2463.6	1790.1	1345.5	1068.4	884.3	754.8	648.7
5°	37088.8	30552.3	16298.1	6801.9	3706.2	2165.0	1498.1	1134.8	922.4	779.7	673.6
2.5°	117708.5	101649.3	53330.6	14642.4	4550.7	2438.7	1602.6	1176.2	944.0	798.0	691.8
0°	169076.4	144904.6	74846.3	19257.8	4935.6	2508.4	1635.8	1184.5	947.3	801.3	691.8
-2.5°	154676.2	135372.0	72301.4	17920.6	5043.4	2528.3	1662.3	1212.7	972.2	816.2	696.8
-5°	91907.5	80616.3	50435.6	12777.7	4481.0	2347.5	1592.7	1187.9	955.6	807.9	693.5
-7.5°	24214.9	20963.3	13789.7	6667.6	2900.0	1985.8	1463.2	1146.4	934.0	793.0	680.2
-10°	5838.1	5532.8	4942.2	3029.4	2257.9	1659.0	1297.3	1071.7	890.9	773.1	658.6
-12.5°	2815.3	2749.0	2495.2	2057.2	1675.6	1378.6	1174.6	993.7	851.1	738.3	628.8
-15°	1831.5	1793.4	1707.1	1539.6	1345.5	1202.8	1060.1	914.1	801.3	686.8	603.9
-17.5°	1355.4	1353.8	1310.6	1247.6	1151.4	1045.2	940.7	847.8	738.3	640.4	577.3
-20°	1123.2	1123.2	1098.3	1056.8	988.8	919.1	849.4	763.1	673.6	600.6	574.0

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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°	953.9	955.6	942.3	915.8	879.3	821.2	753.2	683.5	618.8	592.3	584.0
-25°	844.4	841.1	826.2	801.3	763.1	716.7	671.9	625.4	607.2	600.6	612.2
-27.5°	715.0	720.0	713.4	701.8	676.9	643.7	633.7	620.5	623.8	633.7	678.5
-30°	638.7	643.7	650.3	655.3	647.0	638.7	642.0	652.0	673.6	711.7	728.3
-32.5°	638.7	640.4	650.3	660.3	665.3	671.9	690.1	723.3	754.8	744.9	741.6
-35°	696.8	691.8	705.1	718.4	736.6	759.8	779.7	773.1	761.5	758.2	761.5
-37.5°	862.7	831.2	817.9	809.6	804.6	801.3	796.3	791.3	786.4	783.1	788.0
-40°	861.0	852.7	844.4	837.8	832.8	826.2	822.9	821.2	816.2	812.9	809.6
-42.5°	857.7	861.0	861.0	859.4	861.0	859.4	854.4	847.8	839.5	832.8	826.2
-45°	882.6	884.3	887.6	890.9	895.9	889.2	879.3	867.7	856.0	846.1	837.8
-47.5°	897.5	899.2	902.5	907.5	910.8	904.2	890.9	876.0	857.7	841.1	824.5
-50°	902.5	907.5	909.1	909.1	907.5	899.2	879.3	857.7	837.8	821.2	806.3
-52.5°	879.3	884.3	885.9	882.6	880.9	872.6	854.4	834.5	812.9	801.3	788.0
-55°	841.1	847.8	852.7	852.7	852.7	851.1	834.5	816.2	799.6	786.4	773.1
-57.5°	826.2	837.8	847.8	849.4	851.1	852.7	841.1	822.9	803.0	783.1	766.5
-60°	880.9	890.9	895.9	889.2	884.3	879.3	861.0	839.5	819.6	799.6	768.1
-62.5°	866.0	882.6	890.9	885.9	879.3	871.0	851.1	826.2	803.0	781.4	749.9
-65°	817.9	832.8	842.8	834.5	824.5	812.9	794.7	771.4	749.9	728.3	700.1
-67.5°	736.6	758.2	774.8	756.5	743.2	728.3	713.4	693.5	671.9	647.0	620.5
-70°	608.9	625.4	640.4	635.4	632.1	628.8	618.8	598.9	580.7	560.7	537.5
-72.5°	489.4	504.3	517.6	509.3	502.7	492.7	477.8	456.2	434.7	413.1	391.5
-75°	270.4	275.4	280.4	278.7	278.7	278.7	278.7	280.4	277.1	272.1	262.1
-77.5°	207.4	214.0	219.0	222.3	227.3	233.9	238.9	230.6	222.3	214.0	204.1
-80°	162.6	169.2	174.2	192.4	205.7	220.6	230.6	219.0	207.4	197.4	189.1
-82.5°	122.8	127.7	132.7	142.7	149.3	157.6	164.2	164.2	162.6	160.9	155.9
-85°	89.6	96.2	102.9	106.2	111.2	111.2	112.8	106.2	99.5	94.6	87.9
-87.5°	51.4	53.1	53.1	53.1	54.7	54.7	54.7	51.4	49.8	46.5	44.8
-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°	1.7	1.7	1.7	3.3	3.3	5.0	5.0	6.6	6.6	8.3	8.3
85°	10.0	10.0	10.0	11.6	11.6	13.3	14.9	16.6	18.2	18.2	19.9
82.5°	16.6	18.2	19.9	21.6	23.2	24.9	26.5	28.2	33.2	36.5	38.2
80°	16.6	18.2	23.2	26.5	29.9	33.2	33.2	33.2	33.2	34.8	38.2
77.5°	11.6	13.3	14.9	18.2	26.5	33.2	38.2	41.5	38.2	36.5	33.2
75°	6.6	8.3	10.0	11.6	16.6	23.2	31.5	39.8	46.5	44.8	41.5
72.5°	6.6	6.6	8.3	10.0	11.6	13.3	14.9	23.2	33.2	41.5	46.5
70°	6.6	8.3	8.3	10.0	11.6	13.3	14.9	18.2	23.2	33.2	43.1
67.5°	6.6	8.3	8.3	11.6	14.9	16.6	18.2	16.6	14.9	21.6	31.5
65°	6.6	6.6	8.3	10.0	11.6	13.3	18.2	18.2	16.6	16.6	16.6
62.5°	10.0	10.0	10.0	10.0	11.6	11.6	11.6	14.9	14.9	14.9	14.9
60°	19.9	18.2	18.2	18.2	18.2	14.9	14.9	14.9	13.3	14.9	13.3
57.5°	48.1	39.8	36.5	36.5	31.5	29.9	24.9	18.2	18.2	14.9	14.9
55°	97.9	92.9	78.0	64.7	58.1	51.4	39.8	33.2	24.9	19.9	18.2
52.5°	151.0	137.7	124.4	107.8	91.2	78.0	66.4	51.4	41.5	29.9	23.2
50°	197.4	185.8	170.9	152.6	131.1	114.5	97.9	78.0	61.4	46.5	33.2
47.5°	268.8	245.5	227.3	205.7	180.8	157.6	136.0	112.8	86.3	68.0	51.4
45°	345.1	311.9	287.0	267.1	233.9	202.4	177.5	152.6	121.1	89.6	69.7
42.5°	398.2	373.3	340.1	313.6	283.7	250.5	217.3	190.8	157.6	121.1	89.6
40°	426.4	409.8	383.2	360.0	328.5	292.0	257.1	230.6	195.8	155.9	112.8
37.5°	447.9	439.6	426.4	408.1	378.3	335.1	300.3	268.8	238.9	192.4	146.0
35°	472.8	471.2	462.9	454.6	429.7	388.2	346.7	310.2	273.7	230.6	179.2
32.5°	496.0	494.4	489.4	486.1	476.1	439.6	394.8	353.4	311.9	267.1	210.7
30°	507.7	504.3	504.3	507.7	497.7	474.5	441.3	396.5	350.1	297.0	243.9
27.5°	507.7	504.3	506.0	511.0	509.3	497.7	472.8	436.3	384.9	325.2	273.7
25°	486.1	502.7	502.7	509.3	511.0	507.7	494.4	471.2	418.1	355.0	297.0
22.5°	456.2	496.0	511.0	509.3	511.0	519.3	520.9	499.4	449.6	384.9	320.2
20°	456.2	484.4	527.6	516.0	519.3	537.5	545.8	527.6	482.8	413.1	343.4
17.5°	466.2	484.4	520.9	539.2	544.2	559.1	572.4	560.7	512.6	443.0	374.9
15°	494.4	491.1	516.0	560.7	569.0	580.7	595.6	582.3	539.2	476.1	404.8
12.5°	514.3	496.0	516.0	564.1	590.6	602.2	607.2	597.2	562.4	506.0	434.7
10°	540.8	509.3	519.3	560.7	598.9	607.2	612.2	608.9	584.0	530.9	461.2
7.5°	560.7	516.0	516.0	555.8	607.2	613.8	617.2	620.5	602.2	552.5	484.4
5°	569.0	516.0	512.6	550.8	615.5	622.1	622.1	627.1	615.5	569.0	501.0
2.5°	570.7	514.3	509.3	547.5	630.4	630.4	627.1	632.1	625.4	579.0	512.6
0°	579.0	512.6	507.7	552.5	647.0	640.4	632.1	633.7	630.4	584.0	519.3
-2.5°	579.0	520.9	514.3	555.8	645.4	643.7	640.4	642.0	638.7	598.9	532.5
-5°	587.3	532.5	525.9	570.7	643.7	648.7	650.3	650.3	645.4	608.9	540.8
-7.5°	588.9	540.8	539.2	585.6	647.0	655.3	660.3	663.6	653.7	615.5	547.5
-10°	580.7	544.2	552.5	603.9	650.3	661.9	671.9	676.9	660.3	618.8	550.8
-12.5°	562.4	544.2	565.7	627.1	658.6	671.9	686.8	688.5	666.9	620.5	552.5
-15°	560.7	557.4	588.9	650.3	663.6	680.2	703.4	698.4	671.9	620.5	552.5
-17.5°	559.1	575.7	623.8	658.6	671.9	690.1	708.4	703.4	675.2	620.5	549.1
-20°	574.0	605.5	665.3	666.9	681.9	701.8	711.7	701.8	670.2	615.5	544.2

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	598.9	658.6	678.5	685.2	698.4	713.4	718.4	703.4	665.3	607.2	535.9
-25°	661.9	691.8	691.8	706.7	720.0	726.6	721.7	705.1	658.6	598.9	527.6
-27.5°	710.1	708.4	716.7	731.6	743.2	743.2	730.0	696.8	648.7	590.6	516.0
-30°	728.3	730.0	741.6	758.2	761.5	753.2	733.3	690.1	640.4	577.3	501.0
-32.5°	746.6	753.2	768.1	776.4	778.1	761.5	725.0	678.5	627.1	562.4	484.4
-35°	768.1	781.4	789.7	791.3	783.1	754.8	713.4	663.6	607.2	540.8	469.5
-37.5°	796.3	803.0	807.9	801.3	778.1	744.9	693.5	643.7	588.9	517.6	447.9
-40°	814.6	817.9	819.6	798.0	769.8	721.7	671.9	620.5	557.4	491.1	424.7
-42.5°	826.2	822.9	809.6	786.4	744.9	698.4	650.3	592.3	529.2	464.5	399.8
-45°	822.9	811.3	791.3	763.1	720.0	673.6	617.2	559.1	499.4	436.3	371.6
-47.5°	809.6	791.3	766.5	733.3	693.5	637.1	580.7	524.2	466.2	404.8	345.1
-50°	793.0	771.4	741.6	700.1	647.0	595.6	544.2	489.4	429.7	373.3	320.2
-52.5°	774.8	751.5	713.4	666.9	608.9	555.8	506.0	452.9	398.2	345.1	298.6
-55°	754.8	731.6	688.5	635.4	577.3	519.3	471.2	426.4	373.3	321.8	280.4
-57.5°	744.9	715.0	670.2	617.2	555.8	496.0	454.6	406.5	358.3	305.3	265.4
-60°	736.6	706.7	665.3	603.9	545.8	489.4	441.3	394.8	343.4	293.6	253.8
-62.5°	713.4	681.9	643.7	584.0	527.6	476.1	433.0	378.3	328.5	282.0	245.5
-65°	666.9	633.7	600.6	547.5	496.0	447.9	404.8	355.0	308.6	268.8	237.2
-67.5°	593.9	565.7	535.9	491.1	447.9	404.8	365.0	321.8	283.7	255.5	238.9
-70°	512.6	482.8	452.9	416.4	379.9	345.1	313.6	282.0	257.1	242.2	228.9
-72.5°	373.3	360.0	345.1	316.9	287.0	265.4	250.5	237.2	219.0	205.7	197.4
-75°	248.9	230.6	207.4	197.4	199.1	195.8	187.5	177.5	169.2	164.2	152.6
-77.5°	194.1	184.2	172.5	160.9	155.9	151.0	144.3	136.0	129.4	117.8	101.2
-80°	179.2	170.9	162.6	154.3	146.0	134.4	121.1	107.8	101.2	96.2	94.6
-82.5°	147.7	137.7	127.7	119.4	107.8	99.5	91.2	84.6	84.6	83.0	81.3
-85°	84.6	81.3	76.3	73.0	69.7	64.7	59.7	56.4	54.7	53.1	51.4
-87.5°	43.1	41.5	38.2	36.5	34.8	33.2	29.9	28.2	26.5	26.5	24.9
-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):

	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°	8.3	8.3	6.6	6.6	6.6	5.0	3.3	3.3	1.7	1.7	0.0
85°	19.9	16.6	14.9	13.3	13.3	10.0	6.6	5.0	3.3	1.7	1.7
82.5°	38.2	33.2	28.2	24.9	19.9	14.9	11.6	8.3	5.0	3.3	1.7
80°	43.1	43.1	41.5	34.8	28.2	21.6	14.9	10.0	6.6	5.0	3.3
77.5°	33.2	36.5	36.5	36.5	34.8	26.5	18.2	11.6	6.6	5.0	3.3
75°	38.2	33.2	31.5	33.2	31.5	26.5	21.6	13.3	8.3	6.6	3.3
72.5°	46.5	39.8	34.8	33.2	29.9	24.9	19.9	14.9	8.3	6.6	5.0
70°	43.1	41.5	38.2	34.8	29.9	24.9	19.9	14.9	10.0	6.6	5.0
67.5°	38.2	38.2	38.2	34.8	29.9	23.2	18.2	13.3	10.0	6.6	5.0
65°	26.5	31.5	34.8	33.2	29.9	23.2	18.2	13.3	10.0	8.3	5.0
62.5°	16.6	21.6	28.2	31.5	28.2	23.2	16.6	13.3	10.0	8.3	5.0
60°	14.9	16.6	19.9	24.9	26.5	21.6	16.6	11.6	10.0	8.3	5.0
57.5°	14.9	14.9	16.6	19.9	21.6	19.9	14.9	10.0	10.0	8.3	6.6
55°	16.6	14.9	14.9	16.6	18.2	18.2	14.9	10.0	10.0	8.3	6.6
52.5°	19.9	16.6	14.9	14.9	14.9	16.6	13.3	10.0	10.0	8.3	6.6
50°	24.9	19.9	18.2	14.9	14.9	14.9	13.3	10.0	8.3	8.3	6.6
47.5°	33.2	26.5	19.9	18.2	14.9	13.3	11.6	10.0	8.3	8.3	6.6
45°	49.8	31.5	26.5	19.9	16.6	14.9	13.3	10.0	8.3	8.3	6.6
42.5°	68.0	46.5	33.2	23.2	18.2	14.9	13.3	11.6	8.3	8.3	6.6
40°	86.3	63.0	41.5	29.9	21.6	16.6	13.3	11.6	10.0	8.3	6.6
37.5°	106.2	78.0	54.7	38.2	24.9	18.2	14.9	11.6	10.0	8.3	6.6
35°	131.1	97.9	68.0	46.5	29.9	21.6	16.6	11.6	10.0	8.3	6.6
32.5°	159.3	116.1	81.3	56.4	38.2	26.5	18.2	13.3	10.0	8.3	6.6
30°	185.8	137.7	96.2	68.0	46.5	29.9	19.9	13.3	10.0	8.3	5.0
27.5°	212.4	159.3	114.5	79.6	56.4	34.8	21.6	14.9	10.0	8.3	6.6
25°	238.9	180.8	132.7	91.2	64.7	41.5	26.5	16.6	10.0	8.3	6.6
22.5°	262.1	202.4	149.3	104.5	74.7	48.1	29.9	18.2	11.6	8.3	6.6
20°	288.7	225.6	167.6	119.4	83.0	54.7	33.2	19.9	11.6	8.3	6.6
17.5°	313.6	248.9	185.8	132.7	92.9	61.4	38.2	21.6	13.3	8.3	6.6
15°	338.4	270.4	202.4	146.0	102.9	68.0	41.5	23.2	14.9	8.3	6.6
12.5°	361.7	290.3	217.3	157.6	111.2	74.7	44.8	24.9	16.6	8.3	6.6
10°	383.2	308.6	232.3	167.6	119.4	79.6	48.1	28.2	18.2	8.3	6.6
7.5°	404.8	323.5	243.9	177.5	129.4	86.3	51.4	29.9	19.9	10.0	6.6
5°	418.1	336.8	253.8	185.8	137.7	92.9	54.7	31.5	21.6	10.0	6.6
2.5°	429.7	346.7	260.5	194.1	146.0	97.9	54.7	33.2	23.2	10.0	6.6
0°	436.3	353.4	265.4	199.1	152.6	101.2	56.4	34.8	24.9	10.0	6.6
-2.5°	451.3	365.0	277.1	205.7	159.3	111.2	59.7	36.5	26.5	11.6	6.6
-5°	461.2	371.6	285.3	212.4	164.2	121.1	64.7	39.8	29.9	14.9	8.3
-7.5°	469.5	378.3	292.0	215.7	169.2	124.4	66.4	41.5	31.5	16.6	8.3
-10°	471.2	381.6	297.0	220.6	172.5	129.4	68.0	43.1	33.2	18.2	8.3
-12.5°	472.8	384.9	298.6	224.0	175.9	132.7	69.7	44.8	34.8	19.9	8.3
-15°	471.2	383.2	298.6	227.3	177.5	129.4	73.0	46.5	36.5	21.6	8.3
-17.5°	467.8	381.6	297.0	225.6	175.9	126.1	74.7	49.8	36.5	23.2	10.0
-20°	462.9	376.6	293.6	224.0	174.2	122.8	76.3	51.4	38.2	23.2	10.0

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CATALOG NUMBER: IFLD-M-SA4A-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°	454.6	368.3	287.0	219.0	170.9	119.4	76.3	54.7	39.8	23.2	10.0
-25°	444.6	360.0	280.4	212.4	165.9	114.5	76.3	56.4	41.5	23.2	10.0
-27.5°	433.0	351.7	270.4	207.4	159.3	111.2	76.3	58.1	43.1	23.2	10.0
-30°	419.7	340.1	262.1	199.1	154.3	111.2	78.0	59.7	44.8	23.2	10.0
-32.5°	406.5	328.5	252.2	192.4	147.7	109.5	78.0	61.4	46.5	21.6	11.6
-35°	391.5	315.2	243.9	187.5	142.7	106.2	79.6	61.4	44.8	21.6	11.6
-37.5°	373.3	298.6	235.6	182.5	139.4	102.9	79.6	63.0	43.1	21.6	11.6
-40°	353.4	285.3	225.6	175.9	134.4	101.2	79.6	63.0	41.5	21.6	13.3
-42.5°	331.8	270.4	215.7	169.2	129.4	99.5	79.6	63.0	39.8	21.6	13.3
-45°	311.9	255.5	204.1	160.9	124.4	99.5	79.6	61.4	36.5	23.2	13.3
-47.5°	290.3	238.9	190.8	152.6	122.8	97.9	78.0	58.1	33.2	23.2	13.3
-50°	272.1	222.3	180.8	144.3	119.4	99.5	79.6	53.1	33.2	23.2	13.3
-52.5°	253.8	210.7	169.2	141.0	116.1	101.2	78.0	49.8	33.2	23.2	13.3
-55°	238.9	199.1	162.6	136.0	119.4	104.5	74.7	44.8	33.2	23.2	13.3
-57.5°	227.3	192.4	157.6	137.7	124.4	101.2	69.7	43.1	33.2	21.6	13.3
-60°	219.0	185.8	159.3	144.3	126.1	96.2	66.4	43.1	33.2	21.6	11.6
-62.5°	212.4	187.5	167.6	149.3	119.4	89.6	63.0	43.1	29.9	19.9	11.6
-65°	214.0	194.1	170.9	142.7	114.5	83.0	58.1	41.5	28.2	18.2	11.6
-67.5°	219.0	189.1	160.9	134.4	102.9	74.7	53.1	38.2	26.5	18.2	11.6
-70°	202.4	174.2	146.0	114.5	87.9	64.7	49.8	34.8	23.2	16.6	11.6
-72.5°	182.5	146.0	116.1	92.9	74.7	59.7	44.8	31.5	21.6	14.9	10.0
-75°	132.7	106.2	86.3	78.0	66.4	53.1	39.8	28.2	19.9	14.9	10.0
-77.5°	94.6	87.9	79.6	71.3	59.7	46.5	34.8	26.5	18.2	13.3	8.3
-80°	92.9	84.6	74.7	61.4	49.8	39.8	29.9	23.2	16.6	11.6	6.6
-82.5°	78.0	66.4	56.4	46.5	38.2	31.5	24.9	18.2	13.3	8.3	5.0
-85°	48.1	41.5	36.5	31.5	26.5	21.6	16.6	11.6	8.3	5.0	3.3
-87.5°	23.2	21.6	18.2	14.9	13.3	10.0	8.3	6.6	5.0	3.3	1.7
-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-M-SA4A-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°	1.7	0.0	0.0	0.0
80°	1.7	0.0	0.0	0.0
77.5°	1.7	0.0	0.0	0.0
75°	1.7	1.7	0.0	0.0
72.5°	1.7	1.7	0.0	0.0
70°	3.3	1.7	1.7	0.0
67.5°	3.3	1.7	1.7	0.0
65°	3.3	1.7	1.7	0.0
62.5°	3.3	1.7	1.7	0.0
60°	3.3	1.7	1.7	0.0
57.5°	3.3	1.7	1.7	0.0
55°	3.3	1.7	1.7	0.0
52.5°	3.3	1.7	1.7	0.0
50°	3.3	1.7	1.7	0.0
47.5°	3.3	3.3	1.7	0.0
45°	3.3	3.3	1.7	0.0
42.5°	3.3	3.3	1.7	0.0
40°	3.3	3.3	1.7	0.0
37.5°	3.3	3.3	1.7	0.0
35°	3.3	3.3	1.7	0.0
32.5°	5.0	3.3	1.7	0.0
30°	5.0	3.3	3.3	0.0
27.5°	5.0	3.3	3.3	0.0
25°	5.0	3.3	3.3	0.0
22.5°	5.0	3.3	3.3	0.0
20°	5.0	3.3	3.3	0.0
17.5°	5.0	3.3	3.3	0.0
15°	5.0	3.3	3.3	0.0
12.5°	5.0	3.3	3.3	0.0
10°	5.0	3.3	3.3	0.0
7.5°	5.0	3.3	3.3	0.0
5°	5.0	3.3	3.3	0.0
2.5°	5.0	3.3	3.3	0.0
0°	5.0	3.3	3.3	0.0
-2.5°	5.0	3.3	3.3	0.0
-5°	5.0	3.3	3.3	0.0
-7.5°	5.0	3.3	3.3	0.0
-10°	5.0	3.3	3.3	0.0
-12.5°	6.6	3.3	3.3	0.0
-15°	6.6	3.3	3.3	0.0
-17.5°	6.6	3.3	3.3	0.0
-20°	6.6	3.3	3.3	0.0

REPORT NUMBER: P723822

CATALOG NUMBER: IFLD-M-SA4A-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.6	3.3	3.3	0.0
-25°	6.6	3.3	3.3	0.0
-27.5°	6.6	3.3	3.3	0.0
-30°	6.6	3.3	3.3	0.0
-32.5°	6.6	3.3	3.3	0.0
-35°	6.6	3.3	3.3	0.0
-37.5°	6.6	3.3	3.3	0.0
-40°	6.6	3.3	3.3	0.0
-42.5°	5.0	3.3	1.7	0.0
-45°	6.6	3.3	1.7	0.0
-47.5°	6.6	3.3	1.7	0.0
-50°	6.6	3.3	1.7	0.0
-52.5°	6.6	3.3	1.7	0.0
-55°	6.6	3.3	1.7	0.0
-57.5°	6.6	3.3	1.7	0.0
-60°	6.6	3.3	1.7	0.0
-62.5°	6.6	3.3	1.7	0.0
-65°	6.6	3.3	1.7	0.0
-67.5°	6.6	3.3	1.7	0.0
-70°	6.6	1.7	1.7	0.0
-72.5°	5.0	1.7	1.7	0.0
-75°	5.0	1.7	1.7	0.0
-77.5°	3.3	1.7	0.0	0.0
-80°	3.3	1.7	0.0	0.0
-82.5°	3.3	1.7	0.0	0.0
-85°	1.7	0.0	0.0	0.0
-87.5°	1.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)