

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: P723609

Luminaire Tested: **IFLD-S-SA3A-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723609
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-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:	5365.1 lumens	Max Intensity:	126222.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.6 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:	1945.6 lumens	Field Lumens:	3101.7 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

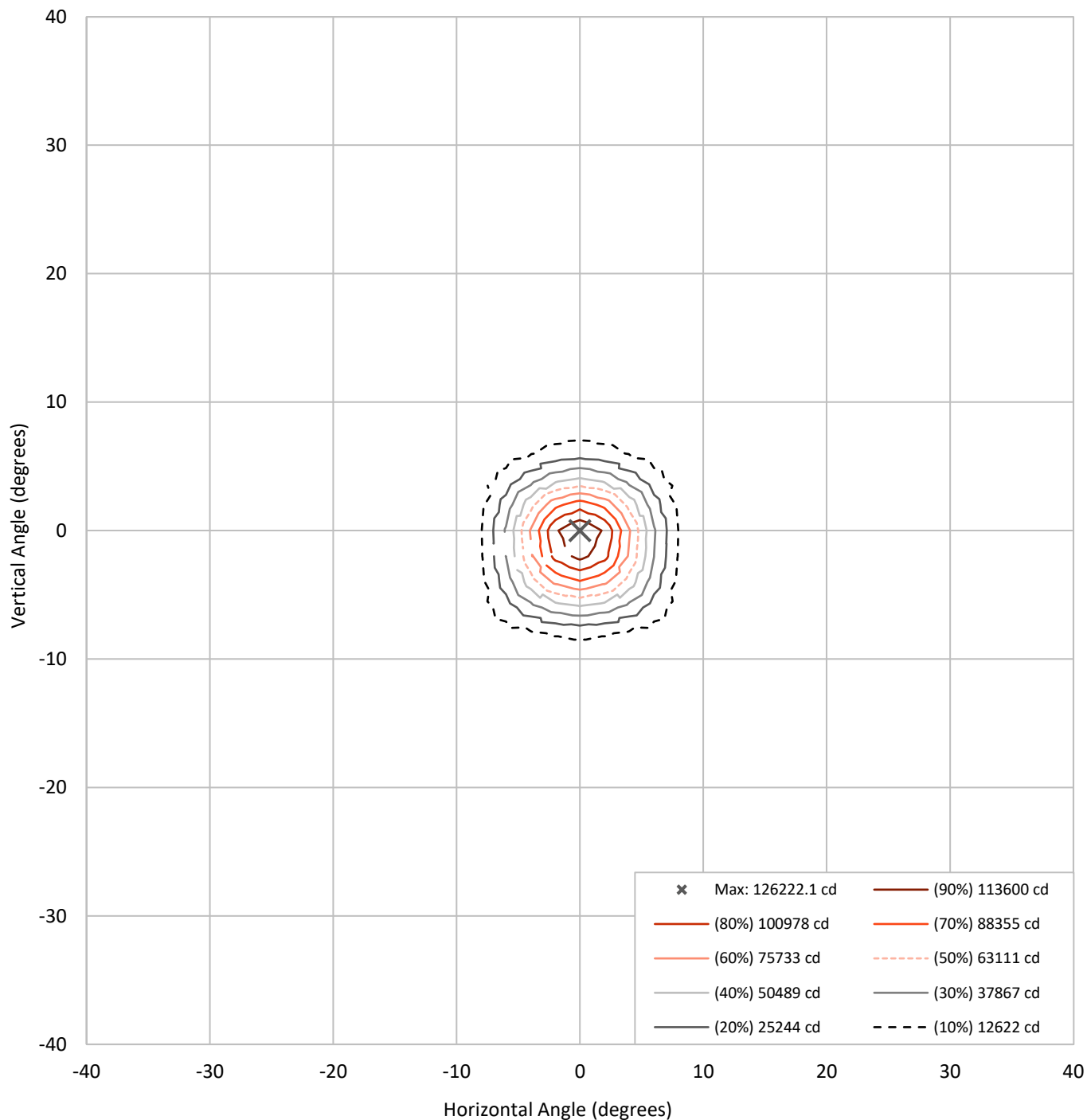
Input Watts (W): 94.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot





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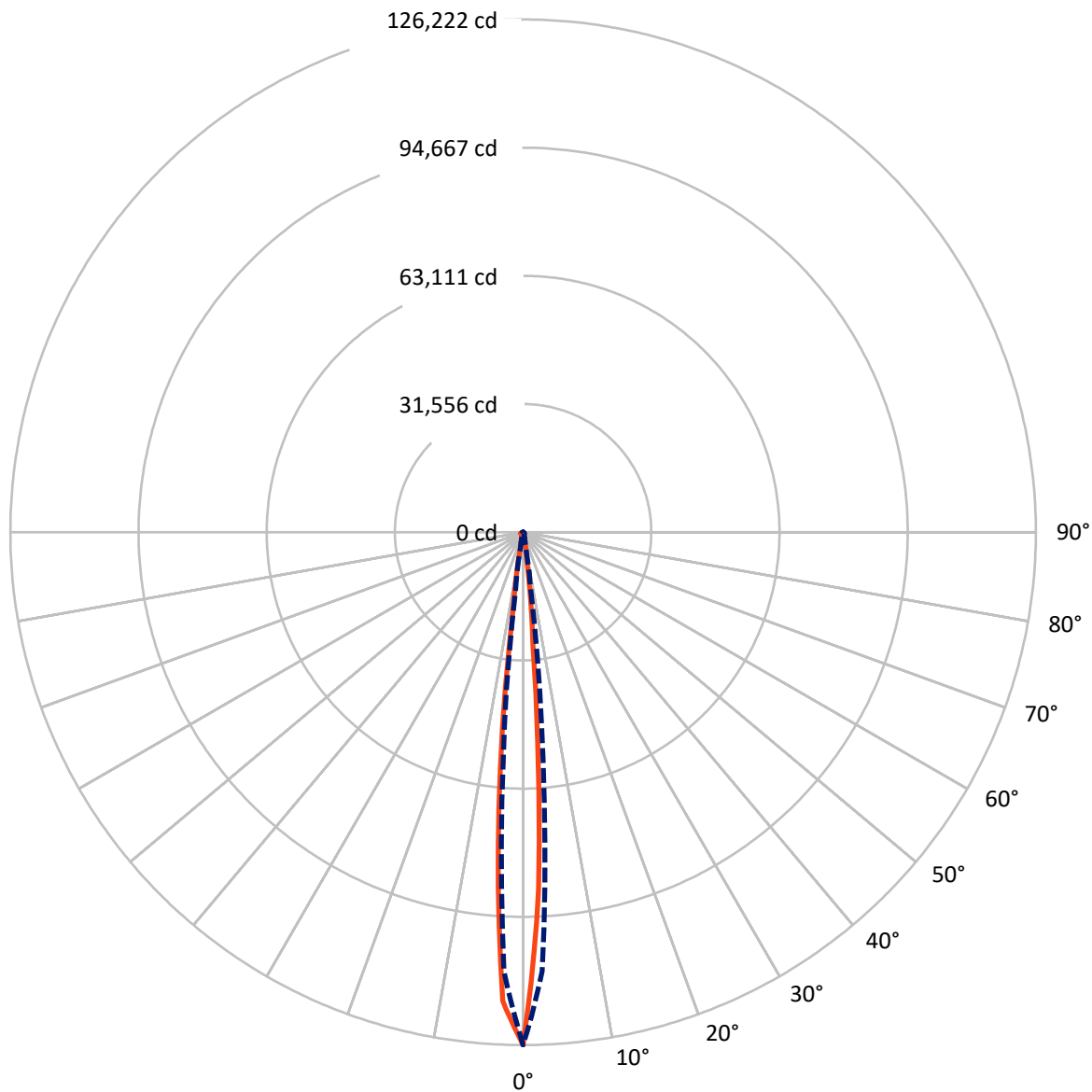
Lumen Table

[illegible]

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Luminous Intensity Polar Plot



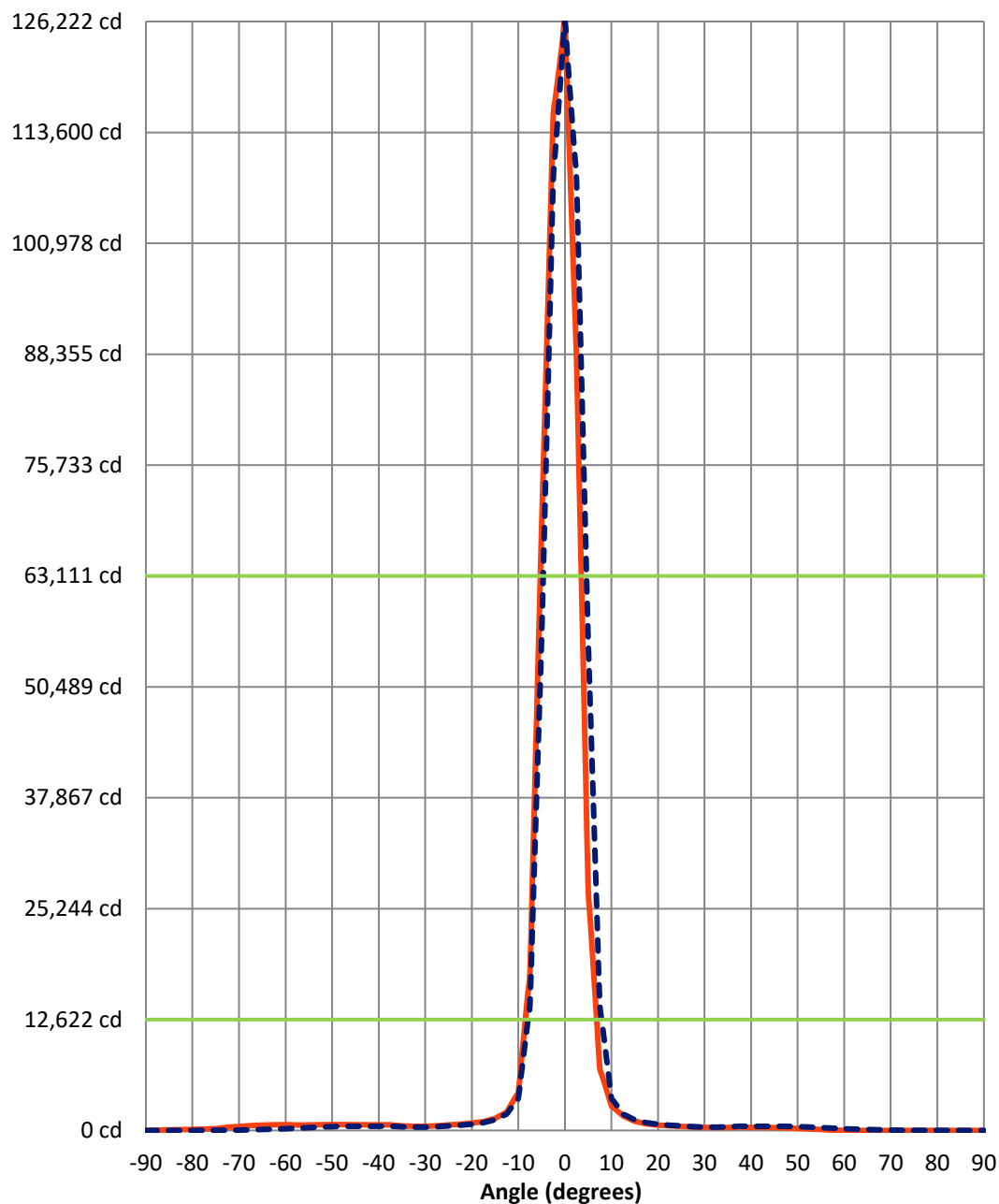
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 1945.6

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 3101.7

Efficiency: 57.8%

Spill:

Lumens: 2263.4

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	1.2	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	5.0	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	5.0	6.2	8.7	9.9
77.5°	0.0	1.2	1.2	1.2	2.5	2.5	2.5	3.7	5.0	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	5.0
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	5.0	6.2	6.2	6.2	6.2
60°	12.4	13.6	14.9	14.9	13.6	13.6	14.9	14.9	14.9	14.9	14.9
57.5°	33.4	35.9	37.2	37.2	37.2	35.9	40.9	42.1	37.2	34.7	38.4
55°	116.4	120.1	117.7	113.9	106.5	97.8	95.4	94.1	95.4	89.2	79.3
52.5°	169.7	173.4	172.2	169.7	164.7	158.5	153.6	148.6	143.7	133.8	122.6
50°	220.5	221.7	220.5	218.0	213.0	206.8	196.9	185.8	175.9	173.4	163.5
47.5°	277.4	281.1	281.1	279.9	276.2	265.0	250.2	234.1	226.6	224.2	214.3
45°	328.2	330.7	331.9	333.2	331.9	320.8	307.2	298.5	282.4	277.4	277.4
42.5°	341.8	343.1	344.3	345.5	349.3	340.6	329.4	314.6	310.9	309.6	307.2
40°	346.8	344.3	345.5	346.8	348.0	341.8	333.2	324.5	322.0	319.5	319.5
37.5°	393.8	382.7	374.0	366.6	360.4	354.2	345.5	338.1	331.9	327.0	331.9
35°	335.6	335.6	344.3	351.7	359.2	366.6	367.8	359.2	345.5	339.4	348.0
32.5°	343.1	343.1	343.1	345.5	348.0	354.2	360.4	364.1	374.0	362.9	362.9
30°	350.5	351.7	354.2	355.5	351.7	349.3	346.8	346.8	353.0	369.1	377.7
27.5°	393.8	393.8	390.1	385.2	374.0	356.7	348.0	335.6	336.9	344.3	365.4
25°	464.4	462.0	453.3	440.9	421.1	396.3	372.8	346.8	335.6	331.9	340.6
22.5°	531.3	527.6	516.5	505.3	489.2	464.4	424.8	385.2	350.5	335.6	331.9
20°	616.8	608.1	595.7	578.4	552.4	527.6	492.9	440.9	390.1	351.7	336.9
17.5°	754.3	743.1	719.6	688.6	644.0	605.6	556.1	506.6	449.6	387.7	354.2
15°	1055.2	1026.7	985.9	900.4	812.5	739.4	665.1	582.1	523.9	442.1	391.4
12.5°	1659.6	1581.6	1462.7	1263.3	1066.4	896.7	776.5	670.0	575.9	500.4	428.5
10°	2809.0	2641.8	2313.5	1768.6	1405.7	1093.6	878.1	735.7	616.8	538.8	459.5
7.5°	7104.1	5795.0	4100.7	2800.3	1839.2	1336.4	1004.4	797.6	660.1	563.5	484.3
5°	27688.3	22808.5	12167.2	5077.9	2766.8	1616.3	1118.4	847.1	688.6	582.1	502.8
2.5°	87873.9	75885.1	39813.3	10931.1	3397.2	1820.6	1196.4	878.1	704.7	595.7	516.5
0°	126222.1	108176.9	55875.6	14376.7	3684.6	1872.6	1221.2	884.3	707.2	598.2	516.5
-2.5°	115471.7	101060.4	53975.7	13378.4	3765.1	1887.5	1241.0	905.4	725.8	609.3	520.2
-5°	68612.5	60183.2	37652.1	9539.0	3345.2	1752.5	1189.0	886.8	713.4	603.2	517.7
-7.5°	18077.4	15649.9	10294.5	4977.6	2164.9	1482.5	1092.4	855.8	697.3	592.0	507.8
-10°	4358.3	4130.4	3689.5	2261.5	1685.6	1238.5	968.5	800.1	665.1	577.1	491.7
-12.5°	2101.8	2052.2	1862.7	1535.8	1250.9	1029.2	876.9	741.9	635.4	551.1	469.4
-15°	1367.3	1338.8	1274.4	1149.3	1004.4	897.9	791.4	682.4	598.2	512.7	450.8
-17.5°	1011.9	1010.6	978.4	931.4	859.5	780.3	702.2	632.9	551.1	478.1	431.0
-20°	838.5	838.5	819.9	788.9	738.2	686.1	634.1	569.7	502.8	448.3	428.5

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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°	712.1	713.4	703.5	683.7	656.4	613.1	562.3	510.3	462.0	442.1	436.0
-25°	630.4	627.9	616.8	598.2	569.7	535.0	501.6	466.9	453.3	448.3	457.0
-27.5°	533.8	537.5	532.6	523.9	505.3	480.5	473.1	463.2	465.7	473.1	506.6
-30°	476.8	480.5	485.5	489.2	483.0	476.8	479.3	486.7	502.8	531.3	543.7
-32.5°	476.8	478.1	485.5	492.9	496.6	501.6	515.2	540.0	563.5	556.1	553.6
-35°	520.2	516.5	526.4	536.3	549.9	567.2	582.1	577.1	568.5	566.0	568.5
-37.5°	644.0	620.5	610.6	604.4	600.7	598.2	594.5	590.8	587.1	584.6	588.3
-40°	642.8	636.6	630.4	625.5	621.7	616.8	614.3	613.1	609.3	606.9	604.4
-42.5°	640.3	642.8	642.8	641.6	642.8	641.6	637.8	632.9	626.7	621.7	616.8
-45°	658.9	660.1	662.6	665.1	668.8	663.8	656.4	647.7	639.1	631.6	625.5
-47.5°	670.0	671.3	673.8	677.5	679.9	675.0	665.1	653.9	640.3	627.9	615.5
-50°	673.8	677.5	678.7	678.7	677.5	671.3	656.4	640.3	625.5	613.1	601.9
-52.5°	656.4	660.1	661.4	658.9	657.7	651.5	637.8	623.0	606.9	598.2	588.3
-55°	627.9	632.9	636.6	636.6	636.6	635.4	623.0	609.3	597.0	587.1	577.1
-57.5°	616.8	625.5	632.9	634.1	635.4	636.6	627.9	614.3	599.4	584.6	572.2
-60°	657.7	665.1	668.8	663.8	660.1	656.4	642.8	626.7	611.8	597.0	573.4
-62.5°	646.5	658.9	665.1	661.4	656.4	650.2	635.4	616.8	599.4	583.3	559.8
-65°	610.6	621.7	629.2	623.0	615.5	606.9	593.2	575.9	559.8	543.7	522.7
-67.5°	549.9	566.0	578.4	564.8	554.9	543.7	532.6	517.7	501.6	483.0	463.2
-70°	454.5	466.9	478.1	474.4	471.9	469.4	462.0	447.1	433.5	418.6	401.3
-72.5°	365.4	376.5	386.4	380.2	375.3	367.8	356.7	340.6	324.5	308.4	292.3
-75°	201.9	205.6	209.3	208.1	208.1	208.1	208.1	209.3	206.8	203.1	195.7
-77.5°	154.8	159.8	163.5	166.0	169.7	174.6	178.3	172.2	166.0	159.8	152.3
-80°	121.4	126.3	130.0	143.7	153.6	164.7	172.2	163.5	154.8	147.4	141.2
-82.5°	91.7	95.4	99.1	106.5	111.5	117.7	122.6	122.6	121.4	120.1	116.4
-85°	66.9	71.8	76.8	79.3	83.0	83.0	84.2	79.3	74.3	70.6	65.6
-87.5°	38.4	39.6	39.6	39.6	40.9	40.9	40.9	38.4	37.2	34.7	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	5.0	5.0	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	14.9
82.5°	12.4	13.6	14.9	16.1	17.3	18.6	19.8	21.1	24.8	27.2	28.5
80°	12.4	13.6	17.3	19.8	22.3	24.8	24.8	24.8	24.8	26.0	28.5
77.5°	8.7	9.9	11.1	13.6	19.8	24.8	28.5	31.0	28.5	27.2	24.8
75°	5.0	6.2	7.4	8.7	12.4	17.3	23.5	29.7	34.7	33.4	31.0
72.5°	5.0	5.0	6.2	7.4	8.7	9.9	11.1	17.3	24.8	31.0	34.7
70°	5.0	6.2	6.2	7.4	8.7	9.9	11.1	13.6	17.3	24.8	32.2
67.5°	5.0	6.2	6.2	8.7	11.1	12.4	13.6	12.4	11.1	16.1	23.5
65°	5.0	5.0	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°	14.9	13.6	13.6	13.6	13.6	11.1	11.1	11.1	9.9	11.1	9.9
57.5°	35.9	29.7	27.2	27.2	23.5	22.3	18.6	13.6	13.6	11.1	11.1
55°	73.1	69.4	58.2	48.3	43.3	38.4	29.7	24.8	18.6	14.9	13.6
52.5°	112.7	102.8	92.9	80.5	68.1	58.2	49.5	38.4	31.0	22.3	17.3
50°	147.4	138.7	127.6	113.9	97.8	85.5	73.1	58.2	45.8	34.7	24.8
47.5°	200.6	183.3	169.7	153.6	135.0	117.7	101.6	84.2	64.4	50.8	38.4
45°	257.6	232.8	214.3	199.4	174.6	151.1	132.5	113.9	90.4	66.9	52.0
42.5°	297.2	278.7	253.9	234.1	211.8	187.0	162.2	142.4	117.7	90.4	66.9
40°	318.3	305.9	286.1	268.8	245.2	218.0	192.0	172.2	146.1	116.4	84.2
37.5°	334.4	328.2	318.3	304.7	282.4	250.2	224.2	200.6	178.3	143.7	109.0
35°	353.0	351.7	345.5	339.4	320.8	289.8	258.8	231.6	204.4	172.2	133.8
32.5°	370.3	369.1	365.4	362.9	355.5	328.2	294.8	263.8	232.8	199.4	157.3
30°	379.0	376.5	376.5	379.0	371.6	354.2	329.4	296.0	261.3	221.7	182.1
27.5°	379.0	376.5	377.7	381.5	380.2	371.6	353.0	325.7	287.3	242.7	204.4
25°	362.9	375.3	375.3	380.2	381.5	379.0	369.1	351.7	312.1	265.0	221.7
22.5°	340.6	370.3	381.5	380.2	381.5	387.7	388.9	372.8	335.6	287.3	239.0
20°	340.6	361.6	393.8	385.2	387.7	401.3	407.5	393.8	360.4	308.4	256.4
17.5°	348.0	361.6	388.9	402.5	406.2	417.4	427.3	418.6	382.7	330.7	279.9
15°	369.1	366.6	385.2	418.6	424.8	433.5	444.6	434.7	402.5	355.5	302.2
12.5°	383.9	370.3	385.2	421.1	440.9	449.6	453.3	445.9	419.9	377.7	324.5
10°	403.8	380.2	387.7	418.6	447.1	453.3	457.0	454.5	436.0	396.3	344.3
7.5°	418.6	385.2	385.2	414.9	453.3	458.3	460.7	463.2	449.6	412.4	361.6
5°	424.8	385.2	382.7	411.2	459.5	464.4	464.4	468.2	459.5	424.8	374.0
2.5°	426.0	383.9	380.2	408.7	470.6	470.6	468.2	471.9	466.9	432.2	382.7
0°	432.2	382.7	379.0	412.4	483.0	478.1	471.9	473.1	470.6	436.0	387.7
-2.5°	432.2	388.9	383.9	414.9	481.8	480.5	478.1	479.3	476.8	447.1	397.6
-5°	438.4	397.6	392.6	426.0	480.5	484.3	485.5	485.5	481.8	454.5	403.8
-7.5°	439.7	403.8	402.5	437.2	483.0	489.2	492.9	495.4	488.0	459.5	408.7
-10°	433.5	406.2	412.4	450.8	485.5	494.2	501.6	505.3	492.9	462.0	411.2
-12.5°	419.9	406.2	422.3	468.2	491.7	501.6	512.7	514.0	497.9	463.2	412.4
-15°	418.6	416.1	439.7	485.5	495.4	507.8	525.1	521.4	501.6	463.2	412.4
-17.5°	417.4	429.8	465.7	491.7	501.6	515.2	528.8	525.1	504.1	463.2	409.9
-20°	428.5	452.1	496.6	497.9	509.0	523.9	531.3	523.9	500.4	459.5	406.2

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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°	447.1	491.7	506.6	511.5	521.4	532.6	536.3	525.1	496.6	453.3	400.0
-25°	494.2	516.5	516.5	527.6	537.5	542.5	538.8	526.4	491.7	447.1	393.8
-27.5°	530.1	528.8	535.0	546.2	554.9	554.9	544.9	520.2	484.3	440.9	385.2
-30°	543.7	544.9	553.6	566.0	568.5	562.3	547.4	515.2	478.1	431.0	374.0
-32.5°	557.3	562.3	573.4	579.6	580.9	568.5	541.2	506.6	468.2	419.9	361.6
-35°	573.4	583.3	589.5	590.8	584.6	563.5	532.6	495.4	453.3	403.8	350.5
-37.5°	594.5	599.4	603.2	598.2	580.9	556.1	517.7	480.5	439.7	386.4	334.4
-40°	608.1	610.6	611.8	595.7	574.7	538.8	501.6	463.2	416.1	366.6	317.1
-42.5°	616.8	614.3	604.4	587.1	556.1	521.4	485.5	442.1	395.1	346.8	298.5
-45°	614.3	605.6	590.8	569.7	537.5	502.8	460.7	417.4	372.8	325.7	277.4
-47.5°	604.4	590.8	572.2	547.4	517.7	475.6	433.5	391.4	348.0	302.2	257.6
-50°	592.0	575.9	553.6	522.7	483.0	444.6	406.2	365.4	320.8	278.7	239.0
-52.5°	578.4	561.0	532.6	497.9	454.5	414.9	377.7	338.1	297.2	257.6	222.9
-55°	563.5	546.2	514.0	474.4	431.0	387.7	351.7	318.3	278.7	240.3	209.3
-57.5°	556.1	533.8	500.4	460.7	414.9	370.3	339.4	303.4	267.5	227.9	198.2
-60°	549.9	527.6	496.6	450.8	407.5	365.4	329.4	294.8	256.4	219.2	189.5
-62.5°	532.6	509.0	480.5	436.0	393.8	355.5	323.3	282.4	245.2	210.5	183.3
-65°	497.9	473.1	448.3	408.7	370.3	334.4	302.2	265.0	230.4	200.6	177.1
-67.5°	443.4	422.3	400.0	366.6	334.4	302.2	272.5	240.3	211.8	190.7	178.3
-70°	382.7	360.4	338.1	310.9	283.6	257.6	234.1	210.5	192.0	180.8	170.9
-72.5°	278.7	268.8	257.6	236.6	214.3	198.2	187.0	177.1	163.5	153.6	147.4
-75°	185.8	172.2	154.8	147.4	148.6	146.1	140.0	132.5	126.3	122.6	113.9
-77.5°	144.9	137.5	128.8	120.1	116.4	112.7	107.8	101.6	96.6	87.9	75.5
-80°	133.8	127.6	121.4	115.2	109.0	100.3	90.4	80.5	75.5	71.8	70.6
-82.5°	110.2	102.8	95.4	89.2	80.5	74.3	68.1	63.2	63.2	61.9	60.7
-85°	63.2	60.7	57.0	54.5	52.0	48.3	44.6	42.1	40.9	39.6	38.4
-87.5°	32.2	31.0	28.5	27.2	26.0	24.8	22.3	21.1	19.8	19.8	18.6
-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-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°	6.2	6.2	5.0	5.0	5.0	3.7	2.5	2.5	1.2	1.2	0.0
85°	14.9	12.4	11.1	9.9	9.9	7.4	5.0	3.7	2.5	1.2	1.2
82.5°	28.5	24.8	21.1	18.6	14.9	11.1	8.7	6.2	3.7	2.5	1.2
80°	32.2	32.2	31.0	26.0	21.1	16.1	11.1	7.4	5.0	3.7	2.5
77.5°	24.8	27.2	27.2	27.2	26.0	19.8	13.6	8.7	5.0	3.7	2.5
75°	28.5	24.8	23.5	24.8	23.5	19.8	16.1	9.9	6.2	5.0	2.5
72.5°	34.7	29.7	26.0	24.8	22.3	18.6	14.9	11.1	6.2	5.0	3.7
70°	32.2	31.0	28.5	26.0	22.3	18.6	14.9	11.1	7.4	5.0	3.7
67.5°	28.5	28.5	28.5	26.0	22.3	17.3	13.6	9.9	7.4	5.0	3.7
65°	19.8	23.5	26.0	24.8	22.3	17.3	13.6	9.9	7.4	6.2	3.7
62.5°	12.4	16.1	21.1	23.5	21.1	17.3	12.4	9.9	7.4	6.2	3.7
60°	11.1	12.4	14.9	18.6	19.8	16.1	12.4	8.7	7.4	6.2	3.7
57.5°	11.1	11.1	12.4	14.9	16.1	14.9	11.1	7.4	7.4	6.2	5.0
55°	12.4	11.1	11.1	12.4	13.6	13.6	11.1	7.4	7.4	6.2	5.0
52.5°	14.9	12.4	11.1	11.1	11.1	12.4	9.9	7.4	7.4	6.2	5.0
50°	18.6	14.9	13.6	11.1	11.1	11.1	9.9	7.4	6.2	6.2	5.0
47.5°	24.8	19.8	14.9	13.6	11.1	9.9	8.7	7.4	6.2	6.2	5.0
45°	37.2	23.5	19.8	14.9	12.4	11.1	9.9	7.4	6.2	6.2	5.0
42.5°	50.8	34.7	24.8	17.3	13.6	11.1	9.9	8.7	6.2	6.2	5.0
40°	64.4	47.1	31.0	22.3	16.1	12.4	9.9	8.7	7.4	6.2	5.0
37.5°	79.3	58.2	40.9	28.5	18.6	13.6	11.1	8.7	7.4	6.2	5.0
35°	97.8	73.1	50.8	34.7	22.3	16.1	12.4	8.7	7.4	6.2	5.0
32.5°	118.9	86.7	60.7	42.1	28.5	19.8	13.6	9.9	7.4	6.2	5.0
30°	138.7	102.8	71.8	50.8	34.7	22.3	14.9	9.9	7.4	6.2	3.7
27.5°	158.5	118.9	85.5	59.4	42.1	26.0	16.1	11.1	7.4	6.2	5.0
25°	178.3	135.0	99.1	68.1	48.3	31.0	19.8	12.4	7.4	6.2	5.0
22.5°	195.7	151.1	111.5	78.0	55.7	35.9	22.3	13.6	8.7	6.2	5.0
20°	215.5	168.4	125.1	89.2	61.9	40.9	24.8	14.9	8.7	6.2	5.0
17.5°	234.1	185.8	138.7	99.1	69.4	45.8	28.5	16.1	9.9	6.2	5.0
15°	252.7	201.9	151.1	109.0	76.8	50.8	31.0	17.3	11.1	6.2	5.0
12.5°	270.0	216.7	162.2	117.7	83.0	55.7	33.4	18.6	12.4	6.2	5.0
10°	286.1	230.4	173.4	125.1	89.2	59.4	35.9	21.1	13.6	6.2	5.0
7.5°	302.2	241.5	182.1	132.5	96.6	64.4	38.4	22.3	14.9	7.4	5.0
5°	312.1	251.4	189.5	138.7	102.8	69.4	40.9	23.5	16.1	7.4	5.0
2.5°	320.8	258.8	194.4	144.9	109.0	73.1	40.9	24.8	17.3	7.4	5.0
0°	325.7	263.8	198.2	148.6	113.9	75.5	42.1	26.0	18.6	7.4	5.0
-2.5°	336.9	272.5	206.8	153.6	118.9	83.0	44.6	27.2	19.8	8.7	5.0
-5°	344.3	277.4	213.0	158.5	122.6	90.4	48.3	29.7	22.3	11.1	6.2
-7.5°	350.5	282.4	218.0	161.0	126.3	92.9	49.5	31.0	23.5	12.4	6.2
-10°	351.7	284.9	221.7	164.7	128.8	96.6	50.8	32.2	24.8	13.6	6.2
-12.5°	353.0	287.3	222.9	167.2	131.3	99.1	52.0	33.4	26.0	14.9	6.2
-15°	351.7	286.1	222.9	169.7	132.5	96.6	54.5	34.7	27.2	16.1	6.2
-17.5°	349.3	284.9	221.7	168.4	131.3	94.1	55.7	37.2	27.2	17.3	7.4
-20°	345.5	281.1	219.2	167.2	130.0	91.7	57.0	38.4	28.5	17.3	7.4

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CATALOG NUMBER: IFLD-S-SA3A-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°	339.4	275.0	214.3	163.5	127.6	89.2	57.0	40.9	29.7	17.3	7.4
-25°	331.9	268.8	209.3	158.5	123.9	85.5	57.0	42.1	31.0	17.3	7.4
-27.5°	323.3	262.6	201.9	154.8	118.9	83.0	57.0	43.3	32.2	17.3	7.4
-30°	313.3	253.9	195.7	148.6	115.2	83.0	58.2	44.6	33.4	17.3	7.4
-32.5°	303.4	245.2	188.3	143.7	110.2	81.7	58.2	45.8	34.7	16.1	8.7
-35°	292.3	235.3	182.1	140.0	106.5	79.3	59.4	45.8	33.4	16.1	8.7
-37.5°	278.7	222.9	175.9	136.2	104.0	76.8	59.4	47.1	32.2	16.1	8.7
-40°	263.8	213.0	168.4	131.3	100.3	75.5	59.4	47.1	31.0	16.1	9.9
-42.5°	247.7	201.9	161.0	126.3	96.6	74.3	59.4	47.1	29.7	16.1	9.9
-45°	232.8	190.7	152.3	120.1	92.9	74.3	59.4	45.8	27.2	17.3	9.9
-47.5°	216.7	178.3	142.4	113.9	91.7	73.1	58.2	43.3	24.8	17.3	9.9
-50°	203.1	166.0	135.0	107.8	89.2	74.3	59.4	39.6	24.8	17.3	9.9
-52.5°	189.5	157.3	126.3	105.3	86.7	75.5	58.2	37.2	24.8	17.3	9.9
-55°	178.3	148.6	121.4	101.6	89.2	78.0	55.7	33.4	24.8	17.3	9.9
-57.5°	169.7	143.7	117.7	102.8	92.9	75.5	52.0	32.2	24.8	16.1	9.9
-60°	163.5	138.7	118.9	107.8	94.1	71.8	49.5	32.2	24.8	16.1	8.7
-62.5°	158.5	140.0	125.1	111.5	89.2	66.9	47.1	32.2	22.3	14.9	8.7
-65°	159.8	144.9	127.6	106.5	85.5	61.9	43.3	31.0	21.1	13.6	8.7
-67.5°	163.5	141.2	120.1	100.3	76.8	55.7	39.6	28.5	19.8	13.6	8.7
-70°	151.1	130.0	109.0	85.5	65.6	48.3	37.2	26.0	17.3	12.4	8.7
-72.5°	136.2	109.0	86.7	69.4	55.7	44.6	33.4	23.5	16.1	11.1	7.4
-75°	99.1	79.3	64.4	58.2	49.5	39.6	29.7	21.1	14.9	11.1	7.4
-77.5°	70.6	65.6	59.4	53.3	44.6	34.7	26.0	19.8	13.6	9.9	6.2
-80°	69.4	63.2	55.7	45.8	37.2	29.7	22.3	17.3	12.4	8.7	5.0
-82.5°	58.2	49.5	42.1	34.7	28.5	23.5	18.6	13.6	9.9	6.2	3.7
-85°	35.9	31.0	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	5.0	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

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CATALOG NUMBER: IFLD-S-SA3A-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°	1.2	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°	5.0	2.5	2.5	0.0
-15°	5.0	2.5	2.5	0.0
-17.5°	5.0	2.5	2.5	0.0
-20°	5.0	2.5	2.5	0.0

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CATALOG NUMBER: IFLD-S-SA3A-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	5.0	2.5	2.5	0.0
-25°	5.0	2.5	2.5	0.0
-27.5°	5.0	2.5	2.5	0.0
-30°	5.0	2.5	2.5	0.0
-32.5°	5.0	2.5	2.5	0.0
-35°	5.0	2.5	2.5	0.0
-37.5°	5.0	2.5	2.5	0.0
-40°	5.0	2.5	2.5	0.0
-42.5°	3.7	2.5	1.2	0.0
-45°	5.0	2.5	1.2	0.0
-47.5°	5.0	2.5	1.2	0.0
-50°	5.0	2.5	1.2	0.0
-52.5°	5.0	2.5	1.2	0.0
-55°	5.0	2.5	1.2	0.0
-57.5°	5.0	2.5	1.2	0.0
-60°	5.0	2.5	1.2	0.0
-62.5°	5.0	2.5	1.2	0.0
-65°	5.0	2.5	1.2	0.0
-67.5°	5.0	2.5	1.2	0.0
-70°	5.0	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)