

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627127 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-722-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627127 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-722-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N60
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

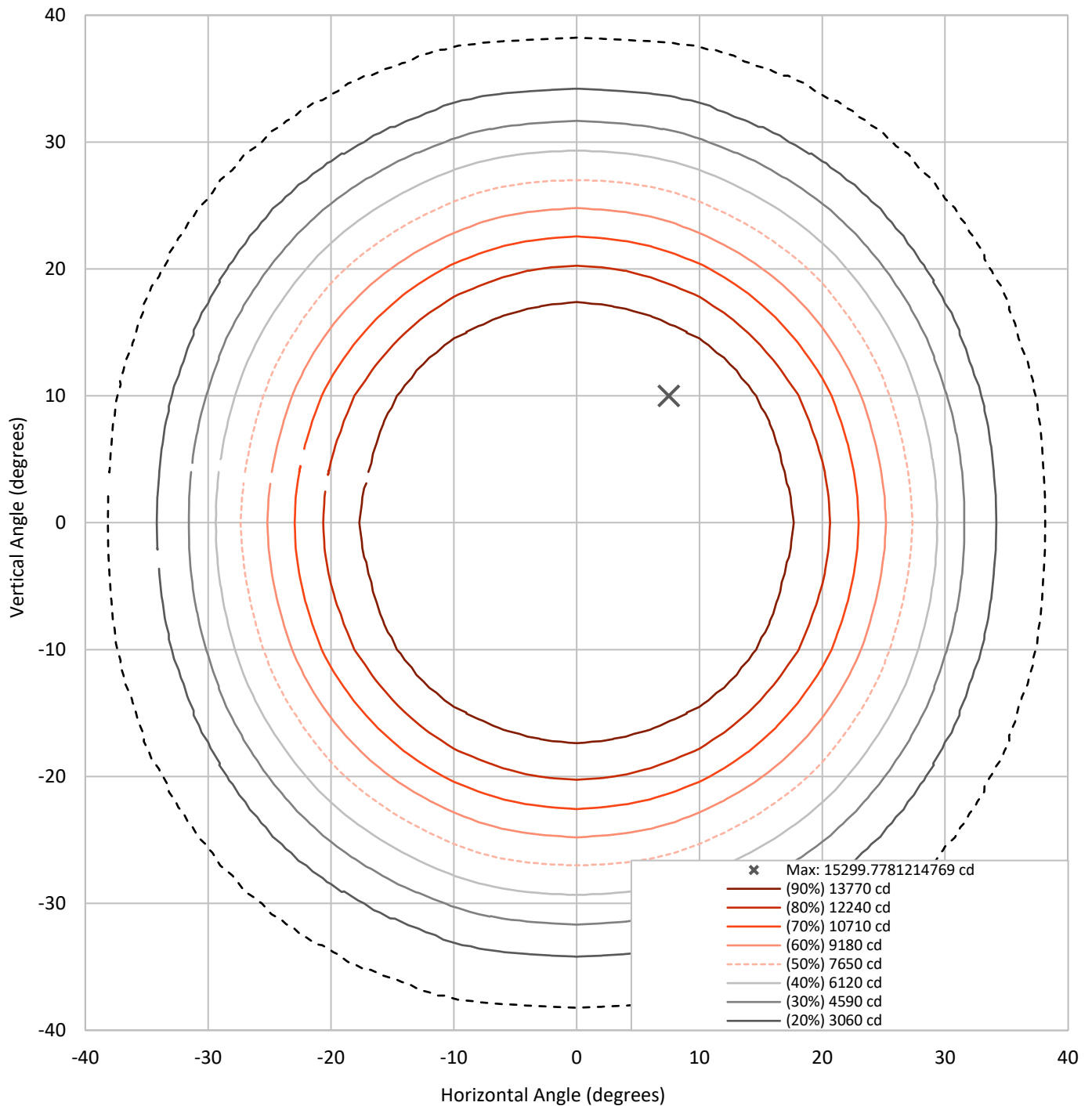
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	13021.5 lumens	Max Intensity:	15299.8 candela
Efficiency:	N/A	Max Intensity Angle:	7.5°H x 10°V
Efficacy:	107.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	8642.9 lumens	Field Lumens:	11238.3 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	121.7		
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:	25 FT		



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Iso-Candela Plot





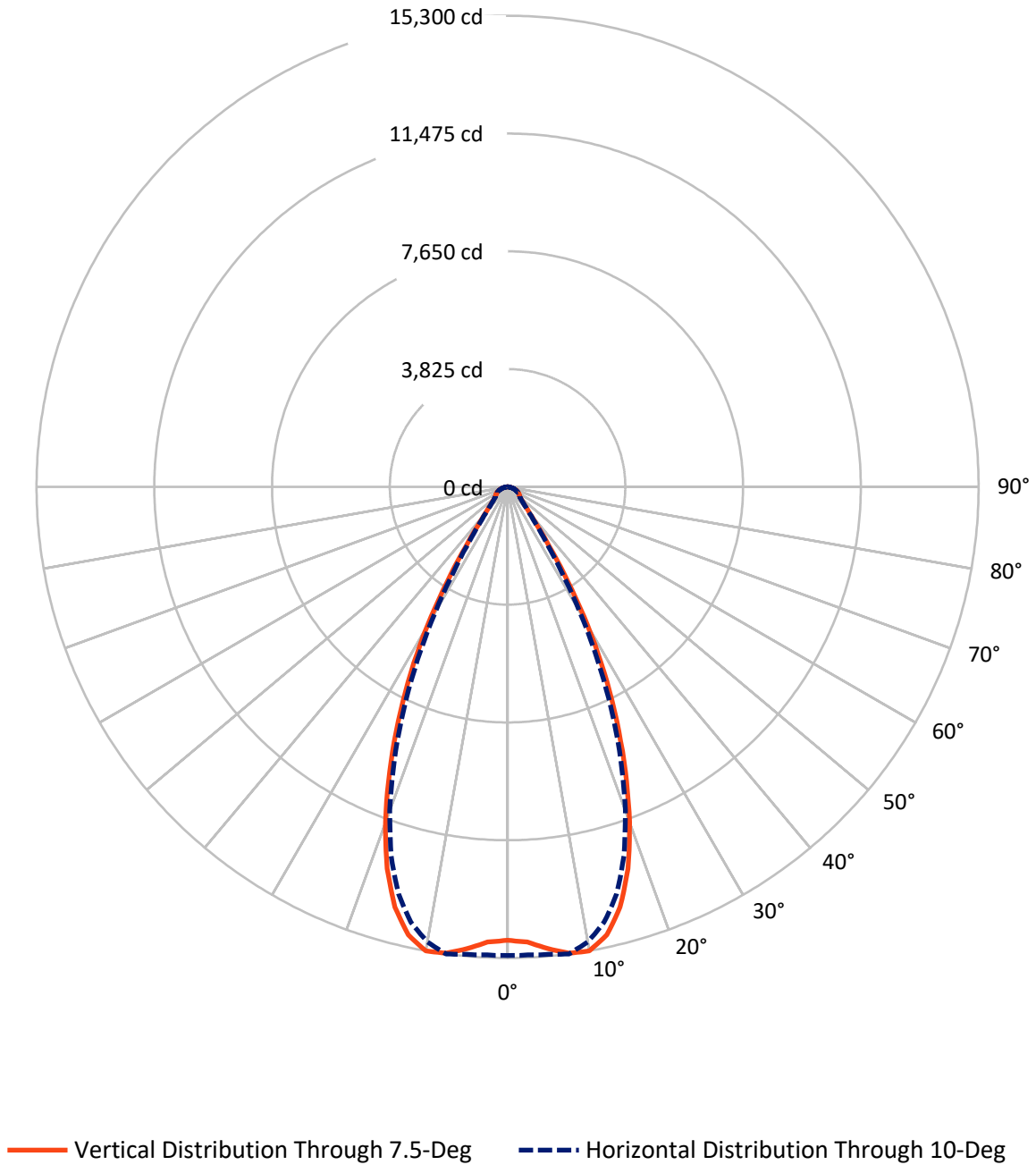
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Lumen Table

90																			
80	0.3	3.1		8.2		12.9		14.4		12.9		8.2		3.1		0.3			
70																			
60	1.4	1.6	3.2	5.2	7.3	8.9	10.0	10.6	10.6	10.0	8.9	7.3	5.2	3.2	1.6	1.4			
50		2.3	4.7	7.5	10.0	12.2	13.6	14.2	14.2	13.6	12.2	10.0	7.5	4.7	2.3				
40	2.4	3.0	6.0	9.1	12.2	15.9	20.0	23.0	23.0	20.0	15.9	12.2	9.1	6.0	3.0	2.4			
30		3.6	6.9	10.5	16.2	29.6	56.6	84.0	84.0	56.6	29.6	16.2	10.5	6.9	3.6				
20	3.2	4.0	7.5	12.2	26.7	83.6	187.5	261.9	261.9	187.5	83.6	26.7	12.2	7.5	4.0	3.2			
10		4.3	7.9	14.5	48.2	178.2	340.3	425.9	425.9	340.3	178.2	48.2	14.5	7.9	4.3				
0	3.4	4.4	8.1	16.4	69.4	243.9	412.9	449.2	449.2	412.9	243.9	69.4	16.4	8.1	4.4	3.4			
-10		4.4	8.1	16.4	69.4	243.9	412.9	449.2	449.2	412.9	243.9	69.4	16.4	8.1	4.4				
-20	3.2	4.3	7.9	14.5	48.2	178.2	340.3	425.9	425.9	340.3	178.2	48.2	14.5	7.9	4.3	3.2			
-30		4.0	7.5	12.2	26.7	83.6	187.5	261.9	261.9	187.5	83.6	26.7	12.2	7.5	4.0				
-40	2.4	3.6	6.9	10.5	16.2	29.6	56.6	84.0	84.0	56.6	29.6	16.2	10.5	6.9	3.6	2.4			
-50		3.0	6.0	9.1	12.2	15.9	20.0	23.0	23.0	20.0	15.9	12.2	9.1	6.0	3.0				
-60	1.4	2.3	4.7	7.5	10.0	12.2	13.6	14.2	14.2	13.6	12.2	10.0	7.5	4.7	2.3	1.4			
-70		1.6	3.2	5.2	7.3	8.9	10.0	10.6	10.6	10.0	8.9	7.3	5.2	3.2	1.6				
-80	0.3	3.1		8.2		12.9		14.4		12.9		8.2		3.1		0.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

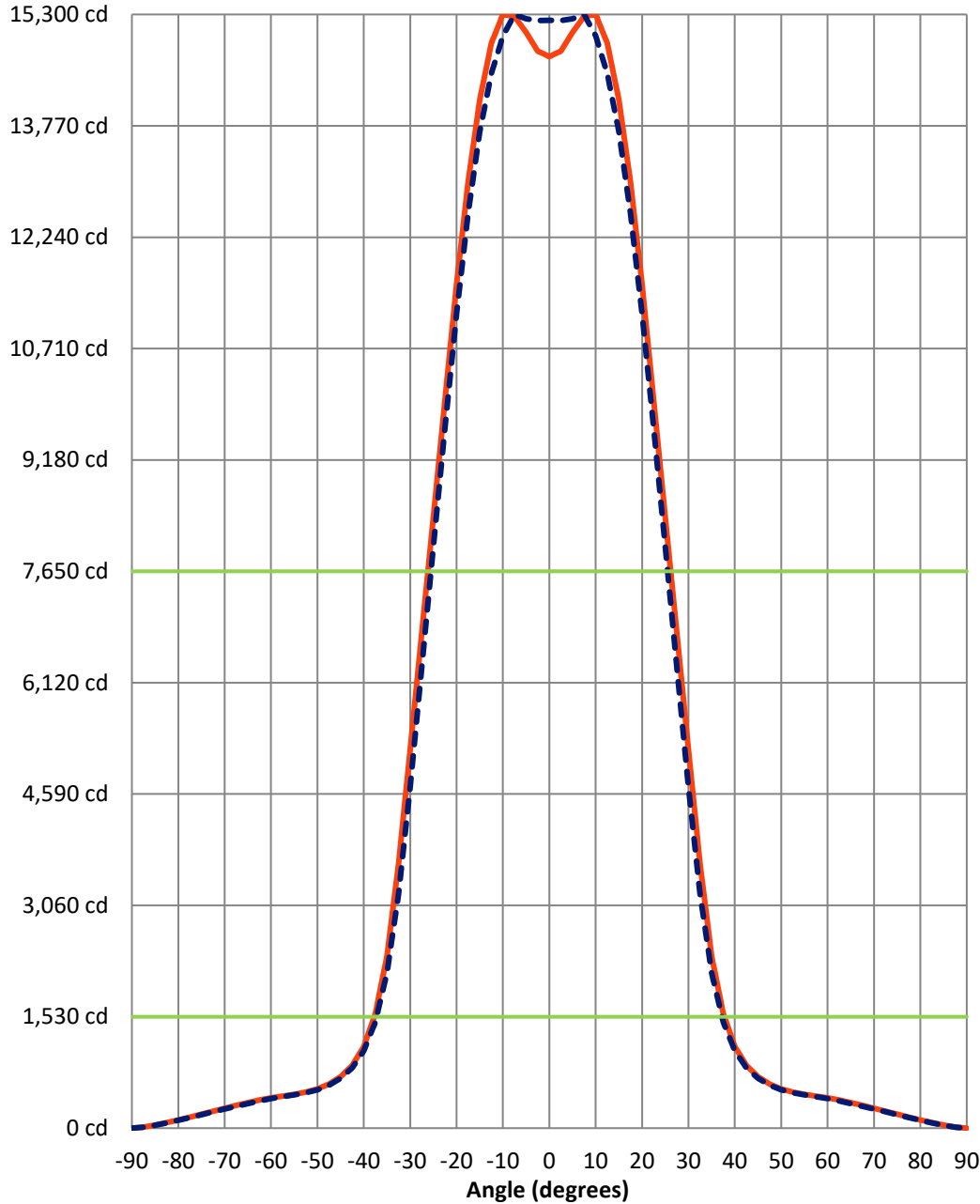
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 8642.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 11238.3
 Efficiency: 86.3%

Spill:
 Lumens: 1783.2
 Efficiency: 13.7%

— Vertical Distribution through 7.5-Deg
 - - Horizontal Distribution through 10-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
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	0.6	1.2	1.7	2.3	2.9	3.5	4.2	5.0	5.9	6.8
85°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.4	10.1	11.8	13.6
82.5°	0.0	1.7	3.5	5.2	7.0	8.7	10.4	12.6	15.4	19.4	23.1
80°	0.0	2.3	4.6	7.0	9.3	11.5	14.3	19.7	24.9	29.7	34.3
77.5°	0.0	2.9	5.8	8.7	11.5	15.6	21.8	28.2	34.3	40.1	46.3
75°	0.0	3.5	6.9	10.4	14.3	21.8	29.2	36.6	43.9	52.3	60.6
72.5°	0.0	4.0	8.0	12.1	19.2	27.9	36.5	45.4	55.4	65.2	74.8
70°	0.0	4.6	9.2	14.1	24.0	33.9	43.9	55.4	66.7	77.9	89.7
67.5°	0.0	5.1	10.2	17.7	28.8	39.9	52.2	65.2	77.9	91.0	104.4
65°	0.0	5.7	11.3	21.2	33.5	46.2	60.4	74.8	89.2	103.9	119.4
62.5°	0.0	6.2	12.4	24.6	38.1	52.7	68.4	84.4	100.2	116.8	135.6
60°	0.0	6.7	13.4	28.0	42.6	59.2	76.2	93.6	111.0	130.8	151.3
57.5°	0.0	7.2	15.5	31.3	47.5	65.4	84.0	102.7	122.6	144.4	166.1
55°	0.0	7.7	17.6	34.5	52.3	71.4	91.7	111.5	134.2	157.5	180.3
52.5°	0.0	8.2	19.7	37.6	56.9	77.3	99.2	121.2	145.4	169.9	194.1
50°	0.0	8.6	21.6	40.6	61.3	83.4	106.4	130.7	156.1	182.0	207.5
47.5°	0.0	9.1	23.5	43.6	65.6	89.3	113.6	139.8	166.4	193.6	220.4
45°	0.0	9.5	25.2	46.6	69.7	95.0	121.0	148.4	176.4	204.7	232.9
42.5°	0.0	9.9	26.9	49.5	73.6	100.5	128.0	156.7	185.9	215.4	244.6
40°	0.0	10.3	28.5	52.2	77.5	105.8	134.7	164.5	194.9	225.6	255.9
37.5°	0.0	10.6	30.0	54.7	81.5	110.8	141.0	171.8	203.6	235.5	266.8
35°	0.0	11.0	31.4	57.1	85.3	115.7	146.9	178.7	211.9	244.7	276.9
32.5°	0.0	11.3	32.7	59.3	88.9	120.3	152.4	185.1	219.8	253.3	285.8
30°	0.0	11.6	34.0	61.3	92.2	124.6	157.5	191.1	227.2	261.2	294.1
27.5°	0.0	11.9	35.1	63.2	95.2	128.6	162.2	197.1	234.0	268.4	301.8
25°	0.0	12.1	36.1	64.9	97.9	132.2	166.5	202.5	239.9	274.8	308.8
22.5°	0.0	12.4	37.0	66.5	100.4	135.4	170.3	207.6	245.2	280.5	315.2
20°	0.0	12.6	37.7	67.8	102.5	138.1	173.6	212.1	249.8	285.5	320.9
17.5°	0.0	12.8	38.4	69.0	104.4	140.5	176.7	216.1	253.9	290.0	325.9
15°	0.0	12.9	39.0	70.1	106.1	142.5	179.5	219.8	257.3	293.7	330.1
12.5°	0.0	13.1	39.5	70.9	107.4	144.2	181.8	223.0	260.4	296.9	333.6
10°	0.0	13.2	39.8	71.5	108.4	145.6	183.8	225.6	263.1	299.8	336.6
7.5°	0.0	13.3	40.1	72.0	109.2	146.5	185.3	227.6	265.1	302.2	339.3
5°	0.0	13.3	40.2	72.3	109.7	147.2	186.5	229.1	266.6	303.8	341.2
2.5°	0.0	13.4	40.3	72.4	109.9	147.4	187.2	230.0	267.5	304.9	342.3
0°	0.0	13.4	40.2	72.3	109.8	147.3	187.4	230.3	267.8	305.2	342.7
-2.5°	0.0	13.4	40.3	72.4	109.9	147.4	187.2	230.0	267.5	304.9	342.3
-5°	0.0	13.3	40.2	72.3	109.7	147.2	186.5	229.1	266.6	303.8	341.2
-7.5°	0.0	13.3	40.1	72.0	109.2	146.5	185.3	227.6	265.1	302.2	339.3
-10°	0.0	13.2	39.8	71.5	108.4	145.6	183.8	225.6	263.1	299.8	336.6
-12.5°	0.0	13.1	39.5	70.9	107.4	144.2	181.8	223.0	260.4	296.9	333.6
-15°	0.0	12.9	39.0	70.1	106.1	142.5	179.5	219.8	257.3	293.7	330.1
-17.5°	0.0	12.8	38.4	69.0	104.4	140.5	176.7	216.1	253.9	290.0	325.9
-20°	0.0	12.6	37.7	67.8	102.5	138.1	173.6	212.1	249.8	285.5	320.9

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Scaled Data Report



REPORT NUMBER: P627127 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.4	37.0	66.5	100.4	135.4	170.3	207.6	245.2	280.5	315.2
-25°	0.0	12.1	36.1	64.9	97.9	132.2	166.5	202.5	239.9	274.8	308.8
-27.5°	0.0	11.9	35.1	63.2	95.2	128.6	162.2	197.1	234.0	268.4	301.8
-30°	0.0	11.6	34.0	61.3	92.2	124.6	157.5	191.1	227.2	261.2	294.1
-32.5°	0.0	11.3	32.7	59.3	88.9	120.3	152.4	185.1	219.8	253.3	285.8
-35°	0.0	11.0	31.4	57.1	85.3	115.7	146.9	178.7	211.9	244.7	276.9
-37.5°	0.0	10.6	30.0	54.7	81.5	110.8	141.0	171.8	203.6	235.5	266.8
-40°	0.0	10.3	28.5	52.2	77.5	105.8	134.7	164.5	194.9	225.6	255.9
-42.5°	0.0	9.9	26.9	49.5	73.6	100.5	128.0	156.7	185.9	215.4	244.6
-45°	0.0	9.5	25.2	46.6	69.7	95.0	121.0	148.4	176.4	204.7	232.9
-47.5°	0.0	9.1	23.5	43.6	65.6	89.3	113.6	139.8	166.4	193.6	220.4
-50°	0.0	8.6	21.6	40.6	61.3	83.4	106.4	130.7	156.1	182.0	207.5
-52.5°	0.0	8.2	19.7	37.6	56.9	77.3	99.2	121.2	145.4	169.9	194.1
-55°	0.0	7.7	17.6	34.5	52.3	71.4	91.7	111.5	134.2	157.5	180.3
-57.5°	0.0	7.2	15.5	31.3	47.5	65.4	84.0	102.7	122.6	144.4	166.1
-60°	0.0	6.7	13.4	28.0	42.6	59.2	76.2	93.6	111.0	130.8	151.3
-62.5°	0.0	6.2	12.4	24.6	38.1	52.7	68.4	84.4	100.2	116.8	135.6
-65°	0.0	5.7	11.3	21.2	33.5	46.2	60.4	74.8	89.2	103.9	119.4
-67.5°	0.0	5.1	10.2	17.7	28.8	39.9	52.2	65.2	77.9	91.0	104.4
-70°	0.0	4.6	9.2	14.1	24.0	33.9	43.9	55.4	66.7	77.9	89.7
-72.5°	0.0	4.0	8.0	12.1	19.2	27.9	36.5	45.4	55.4	65.2	74.8
-75°	0.0	3.5	6.9	10.4	14.3	21.8	29.2	36.6	43.9	52.3	60.6
-77.5°	0.0	2.9	5.8	8.7	11.5	15.6	21.8	28.2	34.3	40.1	46.3
-80°	0.0	2.3	4.6	7.0	9.3	11.5	14.3	19.7	24.9	29.7	34.3
-82.5°	0.0	1.7	3.5	5.2	7.0	8.7	10.4	12.6	15.4	19.4	23.1
-85°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.4	10.1	11.8	13.6
-87.5°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.2	5.0	5.9	6.8
-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):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
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°	7.4	8.0	8.6	9.2	9.8	10.3	10.9	11.4	11.9	12.3	12.8
85°	14.9	16.1	18.2	20.4	22.5	24.5	26.4	28.3	30.0	31.7	33.3
82.5°	26.5	30.0	33.5	37.1	40.3	43.3	46.3	49.3	52.3	55.4	58.4
80°	39.0	43.8	49.4	54.6	59.2	63.6	67.8	71.9	76.3	81.0	85.8
77.5°	53.4	60.3	66.8	72.8	78.7	85.1	91.2	97.2	103.3	109.4	115.3
75°	68.9	76.7	85.0	93.2	101.1	108.7	116.2	123.9	131.6	139.3	146.6
72.5°	84.8	94.8	104.6	114.1	123.9	133.5	142.8	151.7	160.9	170.3	179.3
70°	101.4	112.8	124.8	136.5	147.5	158.7	170.0	180.9	191.5	202.4	213.2
67.5°	118.1	132.5	146.0	158.9	171.9	185.1	197.8	210.9	223.5	236.2	248.2
65°	136.6	152.2	167.0	181.7	196.5	212.0	227.1	241.7	256.3	270.4	283.1
62.5°	154.6	171.2	187.6	204.4	222.1	239.4	255.9	272.6	289.6	304.4	317.2
60°	171.2	189.6	208.0	227.1	246.7	265.3	283.8	301.9	320.2	337.2	347.7
57.5°	187.2	207.6	228.0	248.6	269.1	290.0	309.3	329.3	346.2	360.6	372.8
55°	202.8	225.0	246.7	268.3	290.5	312.3	333.3	352.2	368.8	380.8	392.6
52.5°	218.0	241.4	263.8	287.2	310.7	333.8	355.8	373.4	387.0	399.3	410.2
50°	232.8	256.5	280.2	305.5	330.4	354.8	375.5	390.9	404.8	416.7	428.2
47.5°	246.6	271.4	296.6	323.3	349.4	373.1	392.1	408.2	422.3	435.2	448.8
45°	259.9	286.2	312.9	340.3	367.1	389.9	408.3	425.6	438.8	453.3	469.0
42.5°	272.8	300.4	328.4	356.7	383.8	405.1	423.4	439.3	454.8	472.1	490.9
40°	285.0	313.8	343.0	372.5	399.5	418.4	436.3	453.2	472.1	492.5	514.4
37.5°	296.6	326.4	356.7	387.4	411.1	430.6	448.9	467.7	489.6	513.3	543.0
35°	307.3	338.1	369.5	398.9	421.5	442.1	461.1	482.0	507.7	538.6	576.6
32.5°	317.3	349.0	381.2	408.3	431.0	452.4	471.9	498.1	528.9	565.7	619.5
30°	326.4	358.9	391.3	417.4	439.6	461.1	484.9	514.3	550.4	604.2	673.0
27.5°	335.0	368.0	399.2	425.1	447.3	469.5	497.3	533.0	580.5	644.6	730.2
25°	342.8	376.6	406.7	431.4	454.4	479.0	509.3	549.4	611.8	694.7	810.3
22.5°	349.9	384.4	413.9	437.0	461.1	487.8	523.0	573.2	645.1	741.9	891.1
20°	356.2	390.3	419.4	442.2	467.3	495.0	535.3	595.8	682.6	807.9	998.3
17.5°	361.7	395.4	423.4	447.2	473.3	503.2	547.3	615.4	715.8	865.5	1106.7
15°	366.5	399.8	426.8	451.5	478.5	512.6	563.9	641.0	754.4	925.3	1201.2
12.5°	370.4	403.4	429.6	455.0	482.9	520.4	578.2	665.2	794.5	998.9	1340.4
10°	373.5	406.3	431.8	457.7	486.2	526.7	589.7	684.9	827.8	1062.6	1459.1
7.5°	376.4	408.4	433.3	459.6	488.7	531.4	598.5	700.2	853.3	1112.6	1553.1
5°	378.5	409.6	434.1	460.8	490.7	534.5	604.5	710.7	870.9	1148.4	1619.2
2.5°	379.8	410.1	434.3	461.0	492.2	535.8	607.6	716.6	884.7	1165.3	1654.7
0°	380.2	409.7	433.8	460.5	492.7	535.5	607.8	717.6	891.6	1164.7	1660.1
-2.5°	379.8	410.1	434.3	461.0	492.2	535.8	607.6	716.6	884.7	1165.3	1654.7
-5°	378.5	409.6	434.1	460.8	490.7	534.5	604.5	710.7	870.9	1148.4	1619.2
-7.5°	376.4	408.4	433.3	459.6	488.7	531.4	598.5	700.2	853.3	1112.6	1553.1
-10°	373.5	406.3	431.8	457.7	486.2	526.7	589.7	684.9	827.8	1062.6	1459.1
-12.5°	370.4	403.4	429.6	455.0	482.9	520.4	578.2	665.2	794.5	998.9	1340.4
-15°	366.5	399.8	426.8	451.5	478.5	512.6	563.9	641.0	754.4	925.3	1201.2
-17.5°	361.7	395.4	423.4	447.2	473.3	503.2	547.3	615.4	715.8	865.5	1106.7
-20°	356.2	390.3	419.4	442.2	467.3	495.0	535.3	595.8	682.6	807.9	998.3

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627127 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	349.9	384.4	413.9	437.0	461.1	487.8	523.0	573.2	645.1	741.9	891.1
-25°	342.8	376.6	406.7	431.4	454.4	479.0	509.3	549.4	611.8	694.7	810.3
-27.5°	335.0	368.0	399.2	425.1	447.3	469.5	497.3	533.0	580.5	644.6	730.2
-30°	326.4	358.9	391.3	417.4	439.6	461.1	484.9	514.3	550.4	604.2	673.0
-32.5°	317.3	349.0	381.2	408.3	431.0	452.4	471.9	498.1	528.9	565.7	619.5
-35°	307.3	338.1	369.5	398.9	421.5	442.1	461.1	482.0	507.7	538.6	576.6
-37.5°	296.6	326.4	356.7	387.4	411.1	430.6	448.9	467.7	489.6	513.3	543.0
-40°	285.0	313.8	343.0	372.5	399.5	418.4	436.3	453.2	472.1	492.5	514.4
-42.5°	272.8	300.4	328.4	356.7	383.8	405.1	423.4	439.3	454.8	472.1	490.9
-45°	259.9	286.2	312.9	340.3	367.1	389.9	408.3	425.6	438.8	453.3	469.0
-47.5°	246.6	271.4	296.6	323.3	349.4	373.1	392.1	408.2	422.3	435.2	448.8
-50°	232.8	256.5	280.2	305.5	330.4	354.8	375.5	390.9	404.8	416.7	428.2
-52.5°	218.0	241.4	263.8	287.2	310.7	333.8	355.8	373.4	387.0	399.3	410.2
-55°	202.8	225.0	246.7	268.3	290.5	312.3	333.3	352.2	368.8	380.8	392.6
-57.5°	187.2	207.6	228.0	248.6	269.1	290.0	309.3	329.3	346.2	360.6	372.8
-60°	171.2	189.6	208.0	227.1	246.7	265.3	283.8	301.9	320.2	337.2	347.7
-62.5°	154.6	171.2	187.6	204.4	222.1	239.4	255.9	272.6	289.6	304.4	317.2
-65°	136.6	152.2	167.0	181.7	196.5	212.0	227.1	241.7	256.3	270.4	283.1
-67.5°	118.1	132.5	146.0	158.9	171.9	185.1	197.8	210.9	223.5	236.2	248.2
-70°	101.4	112.8	124.8	136.5	147.5	158.7	170.0	180.9	191.5	202.4	213.2
-72.5°	84.8	94.8	104.6	114.1	123.9	133.5	142.8	151.7	160.9	170.3	179.3
-75°	68.9	76.7	85.0	93.2	101.1	108.7	116.2	123.9	131.6	139.3	146.6
-77.5°	53.4	60.3	66.8	72.8	78.7	85.1	91.2	97.2	103.3	109.4	115.3
-80°	39.0	43.8	49.4	54.6	59.2	63.6	67.8	71.9	76.3	81.0	85.8
-82.5°	26.5	30.0	33.5	37.1	40.3	43.3	46.3	49.3	52.3	55.4	58.4
-85°	14.9	16.1	18.2	20.4	22.5	24.5	26.4	28.3	30.0	31.7	33.3
-87.5°	7.4	8.0	8.6	9.2	9.8	10.3	10.9	11.4	11.9	12.3	12.8
-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: P627127 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
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°	13.2	13.0	12.8	12.5	12.1	13.0	13.9	14.7	15.5	15.1	14.5
85°	34.8	35.6	36.3	36.8	37.3	39.0	40.6	42.1	43.5	43.4	43.3
82.5°	61.3	63.3	65.0	66.5	67.8	69.8	71.5	73.0	74.3	75.3	76.1
80°	90.4	93.6	96.3	98.8	101.0	103.6	106.0	108.1	109.9	111.0	111.6
77.5°	121.0	125.7	129.9	133.9	137.7	141.4	144.9	147.9	150.6	151.2	151.0
75°	153.6	159.9	165.7	171.2	176.3	180.6	184.2	187.3	189.8	191.1	191.8
72.5°	187.8	195.5	202.5	208.7	214.1	218.6	222.4	225.8	228.6	230.4	231.5
70°	223.5	232.6	239.8	245.7	250.3	254.7	259.7	264.4	268.9	271.4	272.3
67.5°	259.3	268.8	275.3	280.7	284.9	289.3	295.5	301.2	306.2	309.6	311.8
65°	294.4	304.3	310.9	316.0	319.9	324.3	331.3	336.9	341.1	344.5	347.6
62.5°	329.0	339.0	346.3	352.4	358.1	362.9	368.6	373.3	377.0	380.3	384.1
60°	359.0	370.9	378.6	384.8	391.7	399.3	403.5	407.0	410.1	412.8	415.1
57.5°	383.5	394.1	403.9	411.4	418.6	425.6	430.6	434.0	436.7	438.7	439.5
55°	404.0	415.0	425.9	434.0	441.1	447.7	453.2	457.5	461.1	463.9	464.5
52.5°	422.4	434.7	445.5	454.8	464.2	471.9	478.0	483.8	489.0	493.1	494.9
50°	442.3	455.3	468.7	481.2	491.2	500.0	507.3	515.6	524.4	531.6	536.2
47.5°	463.4	478.3	494.5	509.8	521.7	534.8	546.9	559.2	575.5	589.2	599.3
45°	485.4	504.5	523.0	542.5	558.9	583.5	606.3	626.0	652.0	675.7	694.5
42.5°	511.4	535.2	557.9	589.1	621.8	655.4	691.7	722.6	763.4	804.9	838.4
40°	542.1	572.6	612.6	654.5	706.1	752.3	815.0	870.8	933.3	1012.4	1077.7
37.5°	579.1	626.1	681.8	740.2	820.7	897.6	1001.1	1110.3	1209.3	1361.4	1489.3
35°	627.3	692.8	766.2	869.6	983.5	1127.5	1289.1	1500.0	1680.8	1937.3	2182.4
32.5°	689.2	773.6	893.4	1053.0	1221.3	1482.9	1739.3	2105.4	2444.4	2850.9	3289.6
30°	758.2	886.6	1069.6	1288.6	1602.6	1987.4	2439.4	3001.6	3616.9	4188.3	4751.3
27.5°	858.2	1042.1	1282.6	1635.9	2125.3	2663.5	3455.5	4218.8	5015.1	5723.0	6313.3
25°	974.9	1217.9	1589.8	2110.1	2771.9	3693.6	4641.6	5583.7	6440.1	7181.1	7833.4
22.5°	1125.6	1475.1	1971.0	2644.8	3675.4	4780.1	5891.8	6930.9	7844.4	8669.6	9375.7
20°	1289.6	1726.9	2435.0	3439.9	4618.3	5877.0	7132.2	8239.0	9244.9	10180.6	10976.4
17.5°	1497.4	2109.9	3006.6	4212.0	5574.5	6953.4	8272.1	9473.3	10614.5	11604.6	12436.1
15°	1674.4	2447.1	3617.5	5031.2	6504.9	7959.5	9351.7	10656.4	11842.9	12858.8	13640.4
12.5°	1910.6	2825.1	4159.8	5735.4	7332.5	8863.0	10329.4	11677.9	12885.3	13890.0	14498.5
10°	2133.9	3216.4	4684.0	6327.2	7986.3	9617.1	11182.8	12565.8	13686.8	14486.0	15004.6
7.5°	2323.7	3552.7	5110.4	6805.5	8505.8	10210.8	11795.7	13141.3	14175.0	14842.4	15203.4
5°	2465.5	3804.1	5426.9	7194.1	8938.9	10673.9	12246.4	13509.6	14403.0	14898.8	15080.1
2.5°	2555.8	3951.7	5610.6	7449.1	9228.8	10966.8	12555.5	13798.9	14556.9	14885.5	14916.8
0°	2591.9	3970.8	5638.9	7582.9	9301.9	11050.3	12643.5	13918.0	14614.1	14884.6	14879.2
-2.5°	2555.8	3951.7	5610.6	7449.1	9228.8	10966.8	12555.5	13798.9	14556.9	14885.5	14916.8
-5°	2465.5	3804.1	5426.9	7194.1	8938.9	10673.9	12246.4	13509.6	14403.0	14898.8	15080.1
-7.5°	2323.7	3552.7	5110.4	6805.5	8505.8	10210.8	11795.7	13141.3	14175.0	14842.4	15203.4
-10°	2133.9	3216.4	4684.0	6327.2	7986.3	9617.1	11182.8	12565.8	13686.8	14486.0	15004.6
-12.5°	1910.6	2825.1	4159.8	5735.4	7332.5	8863.0	10329.4	11677.9	12885.3	13890.0	14498.5
-15°	1674.4	2447.1	3617.5	5031.2	6504.9	7959.5	9351.7	10656.4	11842.9	12858.8	13640.4
-17.5°	1497.4	2109.9	3006.6	4212.0	5574.5	6953.4	8272.1	9473.3	10614.5	11604.6	12436.1
-20°	1289.6	1726.9	2435.0	3439.9	4618.3	5877.0	7132.2	8239.0	9244.9	10180.6	10976.4

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627127 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1125.6	1475.1	1971.0	2644.8	3675.4	4780.1	5891.8	6930.9	7844.4	8669.6	9375.7
-25°	974.9	1217.9	1589.8	2110.1	2771.9	3693.6	4641.6	5583.7	6440.1	7181.1	7833.4
-27.5°	858.2	1042.1	1282.6	1635.9	2125.3	2663.5	3455.5	4218.8	5015.1	5723.0	6313.3
-30°	758.2	886.6	1069.6	1288.6	1602.6	1987.4	2439.4	3001.6	3616.9	4188.3	4751.3
-32.5°	689.2	773.6	893.4	1053.0	1221.3	1482.9	1739.3	2105.4	2444.4	2850.9	3289.6
-35°	627.3	692.8	766.2	869.6	983.5	1127.5	1289.1	1500.0	1680.8	1937.3	2182.4
-37.5°	579.1	626.1	681.8	740.2	820.7	897.6	1001.1	1110.3	1209.3	1361.4	1489.3
-40°	542.1	572.6	612.6	654.5	706.1	752.3	815.0	870.8	933.3	1012.4	1077.7
-42.5°	511.4	535.2	557.9	589.1	621.8	655.4	691.7	722.6	763.4	804.9	838.4
-45°	485.4	504.5	523.0	542.5	558.9	583.5	606.3	626.0	652.0	675.7	694.5
-47.5°	463.4	478.3	494.5	509.8	521.7	534.8	546.9	559.2	575.5	589.2	599.3
-50°	442.3	455.3	468.7	481.2	491.2	500.0	507.3	515.6	524.4	531.6	536.2
-52.5°	422.4	434.7	445.5	454.8	464.2	471.9	478.0	483.8	489.0	493.1	494.9
-55°	404.0	415.0	425.9	434.0	441.1	447.7	453.2	457.5	461.1	463.9	464.5
-57.5°	383.5	394.1	403.9	411.4	418.6	425.6	430.6	434.0	436.7	438.7	439.5
-60°	359.0	370.9	378.6	384.8	391.7	399.3	403.5	407.0	410.1	412.8	415.1
-62.5°	329.0	339.0	346.3	352.4	358.1	362.9	368.6	373.3	377.0	380.3	384.1
-65°	294.4	304.3	310.9	316.0	319.9	324.3	331.3	336.9	341.1	344.5	347.6
-67.5°	259.3	268.8	275.3	280.7	284.9	289.3	295.5	301.2	306.2	309.6	311.8
-70°	223.5	232.6	239.8	245.7	250.3	254.7	259.7	264.4	268.9	271.4	272.3
-72.5°	187.8	195.5	202.5	208.7	214.1	218.6	222.4	225.8	228.6	230.4	231.5
-75°	153.6	159.9	165.7	171.2	176.3	180.6	184.2	187.3	189.8	191.1	191.8
-77.5°	121.0	125.7	129.9	133.9	137.7	141.4	144.9	147.9	150.6	151.2	151.0
-80°	90.4	93.6	96.3	98.8	101.0	103.6	106.0	108.1	109.9	111.0	111.6
-82.5°	61.3	63.3	65.0	66.5	67.8	69.8	71.5	73.0	74.3	75.3	76.1
-85°	34.8	35.6	36.3	36.8	37.3	39.0	40.6	42.1	43.5	43.4	43.3
-87.5°	13.2	13.0	12.8	12.5	12.1	13.0	13.9	14.7	15.5	15.1	14.5
-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: P627127 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
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°	14.0	13.4	13.4	13.4	13.4	13.4	14.0	14.5	15.1	15.5	14.7
85°	43.0	42.6	41.5	40.2	41.5	42.6	43.0	43.3	43.4	43.5	42.1
82.5°	76.7	77.2	76.2	75.0	76.2	77.2	76.7	76.1	75.3	74.3	73.0
80°	111.9	112.0	111.0	109.8	111.0	112.0	111.9	111.6	111.0	109.9	108.1
77.5°	150.4	149.3	149.7	149.9	149.7	149.3	150.4	151.0	151.2	150.6	147.9
75°	192.1	191.9	191.3	190.1	191.3	191.9	192.1	191.8	191.1	189.8	187.3
72.5°	232.0	231.9	231.4	230.3	231.4	231.9	232.0	231.5	230.4	228.6	225.8
70°	272.6	272.1	272.8	273.1	272.8	272.1	272.6	272.3	271.4	268.9	264.4
67.5°	313.5	314.6	314.4	313.3	314.4	314.6	313.5	311.8	309.6	306.2	301.2
65°	350.1	351.9	353.0	353.4	353.0	351.9	350.1	347.6	344.5	341.1	336.9
62.5°	387.1	389.2	389.3	388.2	389.3	389.2	387.1	384.1	380.3	377.0	373.3
60°	416.4	416.7	416.2	415.0	416.2	416.7	416.4	415.1	412.8	410.1	407.0
57.5°	439.4	438.6	437.7	436.4	437.7	438.6	439.4	439.5	438.7	436.7	434.0
55°	464.2	462.9	461.8	460.5	461.8	462.9	464.2	464.5	463.9	461.1	457.5
52.5°	495.3	494.5	493.8	492.7	493.8	494.5	495.3	494.9	493.1	489.0	483.8
50°	538.5	539.2	539.1	538.2	539.1	539.2	538.5	536.2	531.6	524.4	515.6
47.5°	605.7	609.3	611.7	613.2	611.7	609.3	605.7	599.3	589.2	575.5	559.2
45°	706.5	713.7	718.7	722.9	718.7	713.7	706.5	694.5	675.7	652.0	626.0
42.5°	861.9	877.9	885.5	883.6	885.5	877.9	861.9	838.4	804.9	763.4	722.6
40°	1121.2	1147.0	1161.4	1172.8	1161.4	1147.0	1121.2	1077.7	1012.4	933.3	870.8
37.5°	1576.6	1626.8	1653.2	1676.2	1653.2	1626.8	1576.6	1489.3	1361.4	1209.3	1110.3
35°	2365.5	2478.3	2538.8	2559.8	2538.8	2478.3	2365.5	2182.4	1937.3	1680.8	1500.0
32.5°	3631.0	3839.1	3954.2	4043.1	3954.2	3839.1	3631.0	3289.6	2850.9	2444.4	2105.4
30°	5197.2	5471.3	5623.5	5697.9	5623.5	5471.3	5197.2	4751.3	4188.3	3616.9	3001.6
27.5°	6802.7	7114.3	7278.5	7269.6	7278.5	7114.3	6802.7	6313.3	5723.0	5015.1	4218.8
25°	8392.6	8753.6	8917.1	9063.6	8917.1	8753.6	8392.6	7833.4	7181.1	6440.1	5583.7
22.5°	10000.8	10422.8	10653.1	10761.1	10653.1	10422.8	10000.8	9375.7	8669.6	7844.4	6930.9
20°	11589.7	12059.6	12304.1	12410.5	12304.1	12059.6	11589.7	10976.4	10180.6	9244.9	8239.0
17.5°	12999.0	13457.6	13690.7	13789.5	13690.7	13457.6	12999.0	12436.1	11604.6	10614.5	9473.3
15°	14124.2	14462.5	14660.7	14713.2	14660.7	14462.5	14124.2	13640.4	12858.8	11842.9	10656.4
12.5°	14902.1	15033.1	15128.4	15157.7	15128.4	15033.1	14902.1	14498.5	13890.0	12885.3	11677.9
10°	15299.8	15240.6	15216.1	15219.3	15216.1	15240.6	15299.8	15004.6	14486.0	13686.8	12565.8
7.5°	15272.4	15184.8	15008.9	14981.0	15008.9	15184.8	15272.4	15203.4	14842.4	14175.0	13141.3
5°	15052.9	14893.6	14601.7	14517.7	14601.7	14893.6	15052.9	15080.1	14898.8	14403.0	13509.6
2.5°	14797.2	14509.8	14241.0	14067.9	14241.0	14509.8	14797.2	14916.8	14885.5	14556.9	13798.9
0°	14721.2	14389.2	14041.1	13928.7	14041.1	14389.2	14721.2	14879.2	14884.6	14614.1	13918.0
-2.5°	14797.2	14509.8	14241.0	14067.9	14241.0	14509.8	14797.2	14916.8	14885.5	14556.9	13798.9
-5°	15052.9	14893.6	14601.7	14517.7	14601.7	14893.6	15052.9	15080.1	14898.8	14403.0	13509.6
-7.5°	15272.4	15184.8	15008.9	14981.0	15008.9	15184.8	15272.4	15203.4	14842.4	14175.0	13141.3
-10°	15299.8	15240.6	15216.1	15219.3	15216.1	15240.6	15299.8	15004.6	14486.0	13686.8	12565.8
-12.5°	14902.1	15033.1	15128.4	15157.7	15128.4	15033.1	14902.1	14498.5	13890.0	12885.3	11677.9
-15°	14124.2	14462.5	14660.7	14713.2	14660.7	14462.5	14124.2	13640.4	12858.8	11842.9	10656.4
-17.5°	12999.0	13457.6	13690.7	13789.5	13690.7	13457.6	12999.0	12436.1	11604.6	10614.5	9473.3
-20°	11589.7	12059.6	12304.1	12410.5	12304.1	12059.6	11589.7	10976.4	10180.6	9244.9	8239.0



REPORT NUMBER: P627127 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10000.8	10422.8	10653.1	10761.1	10653.1	10422.8	10000.8	9375.7	8669.6	7844.4	6930.9
-25°	8392.6	8753.6	8917.1	9063.6	8917.1	8753.6	8392.6	7833.4	7181.1	6440.1	5583.7
-27.5°	6802.7	7114.3	7278.5	7269.6	7278.5	7114.3	6802.7	6313.3	5723.0	5015.1	4218.8
-30°	5197.2	5471.3	5623.5	5697.9	5623.5	5471.3	5197.2	4751.3	4188.3	3616.9	3001.6
-32.5°	3631.0	3839.1	3954.2	4043.1	3954.2	3839.1	3631.0	3289.6	2850.9	2444.4	2105.4
-35°	2365.5	2478.3	2538.8	2559.8	2538.8	2478.3	2365.5	2182.4	1937.3	1680.8	1500.0
-37.5°	1576.6	1626.8	1653.2	1676.2	1653.2	1626.8	1576.6	1489.3	1361.4	1209.3	1110.3
-40°	1121.2	1147.0	1161.4	1172.8	1161.4	1147.0	1121.2	1077.7	1012.4	933.3	870.8
-42.5°	861.9	877.9	885.5	883.6	885.5	877.9	861.9	838.4	804.9	763.4	722.6
-45°	706.5	713.7	718.7	722.9	718.7	713.7	706.5	694.5	675.7	652.0	626.0
-47.5°	605.7	609.3	611.7	613.2	611.7	609.3	605.7	599.3	589.2	575.5	559.2
-50°	538.5	539.2	539.1	538.2	539.1	539.2	538.5	536.2	531.6	524.4	515.6
-52.5°	495.3	494.5	493.8	492.7	493.8	494.5	495.3	494.9	493.1	489.0	483.8
-55°	464.2	462.9	461.8	460.5	461.8	462.9	464.2	464.5	463.9	461.1	457.5
-57.5°	439.4	438.6	437.7	436.4	437.7	438.6	439.4	439.5	438.7	436.7	434.0
-60°	416.4	416.7	416.2	415.0	416.2	416.7	416.4	415.1	412.8	410.1	407.0
-62.5°	387.1	389.2	389.3	388.2	389.3	389.2	387.1	384.1	380.3	377.0	373.3
-65°	350.1	351.9	353.0	353.4	353.0	351.9	350.1	347.6	344.5	341.1	336.9
-67.5°	313.5	314.6	314.4	313.3	314.4	314.6	313.5	311.8	309.6	306.2	301.2
-70°	272.6	272.1	272.8	273.1	272.8	272.1	272.6	272.3	271.4	268.9	264.4
-72.5°	232.0	231.9	231.4	230.3	231.4	231.9	232.0	231.5	230.4	228.6	225.8
-75°	192.1	191.9	191.3	190.1	191.3	191.9	192.1	191.8	191.1	189.8	187.3
-77.5°	150.4	149.3	149.7	149.9	149.7	149.3	150.4	151.0	151.2	150.6	147.9
-80°	111.9	112.0	111.0	109.8	111.0	112.0	111.9	111.6	111.0	109.9	108.1
-82.5°	76.7	77.2	76.2	75.0	76.2	77.2	76.7	76.1	75.3	74.3	73.0
-85°	43.0	42.6	41.5	40.2	41.5	42.6	43.0	43.3	43.4	43.5	42.1
-87.5°	14.0	13.4	13.4	13.4	13.4	13.4	14.0	14.5	15.1	15.5	14.7
-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: P627127 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
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°	13.9	13.0	12.1	12.5	12.8	13.0	13.2	12.8	12.3	11.9	11.4
85°	40.6	39.0	37.3	36.8	36.3	35.6	34.8	33.3	31.7	30.0	28.3
82.5°	71.5	69.8	67.8	66.5	65.0	63.3	61.3	58.4	55.4	52.3	49.3
80°	106.0	103.6	101.0	98.8	96.3	93.6	90.4	85.8	81.0	76.3	71.9
77.5°	144.9	141.4	137.7	133.9	129.9	125.7	121.0	115.3	109.4	103.3	97.2
75°	184.2	180.6	176.3	171.2	165.7	159.9	153.6	146.6	139.3	131.6	123.9
72.5°	222.4	218.6	214.1	208.7	202.5	195.5	187.8	179.3	170.3	160.9	151.7
70°	259.7	254.7	250.3	245.7	239.8	232.6	223.5	213.2	202.4	191.5	180.9
67.5°	295.5	289.3	284.9	280.7	275.3	268.8	259.3	248.2	236.2	223.5	210.9
65°	331.3	324.3	319.9	316.0	310.9	304.3	294.4	283.1	270.4	256.3	241.7
62.5°	368.6	362.9	358.1	352.4	346.3	339.0	329.0	317.2	304.4	289.6	272.6
60°	403.5	399.3	391.7	384.8	378.6	370.9	359.0	347.7	337.2	320.2	301.9
57.5°	430.6	425.6	418.6	411.4	403.9	394.1	383.5	372.8	360.6	346.2	329.3
55°	453.2	447.7	441.1	434.0	425.9	415.0	404.0	392.6	380.8	368.8	352.2
52.5°	478.0	471.9	464.2	454.8	445.5	434.7	422.4	410.2	399.3	387.0	373.4
50°	507.3	500.0	491.2	481.2	468.7	455.3	442.3	428.2	416.7	404.8	390.9
47.5°	546.9	534.8	521.7	509.8	494.5	478.3	463.4	448.8	435.2	422.3	408.2
45°	606.3	583.5	558.9	542.5	523.0	504.5	485.4	469.0	453.3	438.8	425.6
42.5°	691.7	655.4	621.8	589.1	557.9	535.2	511.4	490.9	472.1	454.8	439.3
40°	815.0	752.3	706.1	654.5	612.6	572.6	542.1	514.4	492.5	472.1	453.2
37.5°	1001.1	897.6	820.7	740.2	681.8	626.1	579.1	543.0	513.3	489.6	467.7
35°	1289.1	1127.5	983.5	869.6	766.2	692.8	627.3	576.6	538.6	507.7	482.0
32.5°	1739.3	1482.9	1221.3	1053.0	893.4	773.6	689.2	619.5	565.7	528.9	498.1
30°	2439.4	1987.4	1602.6	1288.6	1069.6	886.6	758.2	673.0	604.2	550.4	514.3
27.5°	3455.5	2663.5	2125.3	1635.9	1282.6	1042.1	858.2	730.2	644.6	580.5	533.0
25°	4641.6	3693.6	2771.9	2110.1	1589.8	1217.9	974.9	810.3	694.7	611.8	549.4
22.5°	5891.8	4780.1	3675.4	2644.8	1971.0	1475.1	1125.6	891.1	741.9	645.1	573.2
20°	7132.2	5877.0	4618.3	3439.9	2435.0	1726.9	1289.6	998.3	807.9	682.6	595.8
17.5°	8272.1	6953.4	5574.5	4212.0	3006.6	2109.9	1497.4	1106.7	865.5	715.8	615.4
15°	9351.7	7959.5	6504.9	5031.2	3617.5	2447.1	1674.4	1201.2	925.3	754.4	641.0
12.5°	10329.4	8863.0	7332.5	5735.4	4159.8	2825.1	1910.6	1340.4	998.9	794.5	665.2
10°	11182.8	9617.1	7986.3	6327.2	4684.0	3216.4	2133.9	1459.1	1062.6	827.8	684.9
7.5°	11795.7	10210.8	8505.8	6805.5	5110.4	3552.7	2323.7	1553.1	1112.6	853.3	700.2
5°	12246.4	10673.9	8938.9	7194.1	5426.9	3804.1	2465.5	1619.2	1148.4	870.9	710.7
2.5°	12555.5	10966.8	9228.8	7449.1	5610.6	3951.7	2555.8	1654.7	1165.3	884.7	716.6
0°	12643.5	11050.3	9301.9	7582.9	5638.9	3970.8	2591.9	1660.1	1164.7	891.6	717.6
-2.5°	12555.5	10966.8	9228.8	7449.1	5610.6	3951.7	2555.8	1654.7	1165.3	884.7	716.6
-5°	12246.4	10673.9	8938.9	7194.1	5426.9	3804.1	2465.5	1619.2	1148.4	870.9	710.7
-7.5°	11795.7	10210.8	8505.8	6805.5	5110.4	3552.7	2323.7	1553.1	1112.6	853.3	700.2
-10°	11182.8	9617.1	7986.3	6327.2	4684.0	3216.4	2133.9	1459.1	1062.6	827.8	684.9
-12.5°	10329.4	8863.0	7332.5	5735.4	4159.8	2825.1	1910.6	1340.4	998.9	794.5	665.2
-15°	9351.7	7959.5	6504.9	5031.2	3617.5	2447.1	1674.4	1201.2	925.3	754.4	641.0
-17.5°	8272.1	6953.4	5574.5	4212.0	3006.6	2109.9	1497.4	1106.7	865.5	715.8	615.4
-20°	7132.2	5877.0	4618.3	3439.9	2435.0	1726.9	1289.6	998.3	807.9	682.6	595.8

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627127 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5891.8	4780.1	3675.4	2644.8	1971.0	1475.1	1125.6	891.1	741.9	645.1	573.2
-25°	4641.6	3693.6	2771.9	2110.1	1589.8	1217.9	974.9	810.3	694.7	611.8	549.4
-27.5°	3455.5	2663.5	2125.3	1635.9	1282.6	1042.1	858.2	730.2	644.6	580.5	533.0
-30°	2439.4	1987.4	1602.6	1288.6	1069.6	886.6	758.2	673.0	604.2	550.4	514.3
-32.5°	1739.3	1482.9	1221.3	1053.0	893.4	773.6	689.2	619.5	565.7	528.9	498.1
-35°	1289.1	1127.5	983.5	869.6	766.2	692.8	627.3	576.6	538.6	507.7	482.0
-37.5°	1001.1	897.6	820.7	740.2	681.8	626.1	579.1	543.0	513.3	489.6	467.7
-40°	815.0	752.3	706.1	654.5	612.6	572.6	542.1	514.4	492.5	472.1	453.2
-42.5°	691.7	655.4	621.8	589.1	557.9	535.2	511.4	490.9	472.1	454.8	439.3
-45°	606.3	583.5	558.9	542.5	523.0	504.5	485.4	469.0	453.3	438.8	425.6
-47.5°	546.9	534.8	521.7	509.8	494.5	478.3	463.4	448.8	435.2	422.3	408.2
-50°	507.3	500.0	491.2	481.2	468.7	455.3	442.3	428.2	416.7	404.8	390.9
-52.5°	478.0	471.9	464.2	454.8	445.5	434.7	422.4	410.2	399.3	387.0	373.4
-55°	453.2	447.7	441.1	434.0	425.9	415.0	404.0	392.6	380.8	368.8	352.2
-57.5°	430.6	425.6	418.6	411.4	403.9	394.1	383.5	372.8	360.6	346.2	329.3
-60°	403.5	399.3	391.7	384.8	378.6	370.9	359.0	347.7	337.2	320.2	301.9
-62.5°	368.6	362.9	358.1	352.4	346.3	339.0	329.0	317.2	304.4	289.6	272.6
-65°	331.3	324.3	319.9	316.0	310.9	304.3	294.4	283.1	270.4	256.3	241.7
-67.5°	295.5	289.3	284.9	280.7	275.3	268.8	259.3	248.2	236.2	223.5	210.9
-70°	259.7	254.7	250.3	245.7	239.8	232.6	223.5	213.2	202.4	191.5	180.9
-72.5°	222.4	218.6	214.1	208.7	202.5	195.5	187.8	179.3	170.3	160.9	151.7
-75°	184.2	180.6	176.3	171.2	165.7	159.9	153.6	146.6	139.3	131.6	123.9
-77.5°	144.9	141.4	137.7	133.9	129.9	125.7	121.0	115.3	109.4	103.3	97.2
-80°	106.0	103.6	101.0	98.8	96.3	93.6	90.4	85.8	81.0	76.3	71.9
-82.5°	71.5	69.8	67.8	66.5	65.0	63.3	61.3	58.4	55.4	52.3	49.3
-85°	40.6	39.0	37.3	36.8	36.3	35.6	34.8	33.3	31.7	30.0	28.3
-87.5°	13.9	13.0	12.1	12.5	12.8	13.0	13.2	12.8	12.3	11.9	11.4
-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: P627127 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
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°	10.9	10.3	9.8	9.2	8.6	8.0	7.4	6.8	5.9	5.0	4.2
85°	26.4	24.5	22.5	20.4	18.2	16.1	14.9	13.6	11.8	10.1	8.4
82.5°	46.3	43.3	40.3	37.1	33.5	30.0	26.5	23.1	19.4	15.4	12.6
80°	67.8	63.6	59.2	54.6	49.4	43.8	39.0	34.3	29.7	24.9	19.7
77.5°	91.2	85.1	78.7	72.8	66.8	60.3	53.4	46.3	40.1	34.3	28.2
75°	116.2	108.7	101.1	93.2	85.0	76.7	68.9	60.6	52.3	43.9	36.6
72.5°	142.8	133.5	123.9	114.1	104.6	94.8	84.8	74.8	65.2	55.4	45.4
70°	170.0	158.7	147.5	136.5	124.8	112.8	101.4	89.7	77.9	66.7	55.4
67.5°	197.8	185.1	171.9	158.9	146.0	132.5	118.1	104.4	91.0	77.9	65.2
65°	227.1	212.0	196.5	181.7	167.0	152.2	136.6	119.4	103.9	89.2	74.8
62.5°	255.9	239.4	222.1	204.4	187.6	171.2	154.6	135.6	116.8	100.2	84.4
60°	283.8	265.3	246.7	227.1	208.0	189.6	171.2	151.3	130.8	111.0	93.6
57.5°	309.3	290.0	269.1	248.6	228.0	207.6	187.2	166.1	144.4	122.6	102.7
55°	333.3	312.3	290.5	268.3	246.7	225.0	202.8	180.3	157.5	134.2	111.5
52.5°	355.8	333.8	310.7	287.2	263.8	241.4	218.0	194.1	169.9	145.4	121.2
50°	375.5	354.8	330.4	305.5	280.2	256.5	232.8	207.5	182.0	156.1	130.7
47.5°	392.1	373.1	349.4	323.3	296.6	271.4	246.6	220.4	193.6	166.4	139.8
45°	408.3	389.9	367.1	340.3	312.9	286.2	259.9	232.9	204.7	176.4	148.4
42.5°	423.4	405.1	383.8	356.7	328.4	300.4	272.8	244.6	215.4	185.9	156.7
40°	436.3	418.4	399.5	372.5	343.0	313.8	285.0	255.9	225.6	194.9	164.5
37.5°	448.9	430.6	411.1	387.4	356.7	326.4	296.6	266.8	235.5	203.6	171.8
35°	461.1	442.1	421.5	398.9	369.5	338.1	307.3	276.9	244.7	211.9	178.7
32.5°	471.9	452.4	431.0	408.3	381.2	349.0	317.3	285.8	253.3	219.8	185.1
30°	484.9	461.1	439.6	417.4	391.3	358.9	326.4	294.1	261.2	227.2	191.1
27.5°	497.3	469.5	447.3	425.1	399.2	368.0	335.0	301.8	268.4	234.0	197.1
25°	509.3	479.0	454.4	431.4	406.7	376.6	342.8	308.8	274.8	239.9	202.5
22.5°	523.0	487.8	461.1	437.0	413.9	384.4	349.9	315.2	280.5	245.2	207.6
20°	535.3	495.0	467.3	442.2	419.4	390.3	356.2	320.9	285.5	249.8	212.1
17.5°	547.3	503.2	473.3	447.2	423.4	395.4	361.7	325.9	290.0	253.9	216.1
15°	563.9	512.6	478.5	451.5	426.8	399.8	366.5	330.1	293.7	257.3	219.8
12.5°	578.2	520.4	482.9	455.0	429.6	403.4	370.4	333.6	296.9	260.4	223.0
10°	589.7	526.7	486.2	457.7	431.8	406.3	373.5	336.6	299.8	263.1	225.6
7.5°	598.5	531.4	488.7	459.6	433.3	408.4	376.4	339.3	302.2	265.1	227.6
5°	604.5	534.5	490.7	460.8	434.1	409.6	378.5	341.2	303.8	266.6	229.1
2.5°	607.6	535.8	492.2	461.0	434.3	410.1	379.8	342.3	304.9	267.5	230.0
0°	607.8	535.5	492.7	460.5	433.8	409.7	380.2	342.7	305.2	267.8	230.3
-2.5°	607.6	535.8	492.2	461.0	434.3	410.1	379.8	342.3	304.9	267.5	230.0
-5°	604.5	534.5	490.7	460.8	434.1	409.6	378.5	341.2	303.8	266.6	229.1
-7.5°	598.5	531.4	488.7	459.6	433.3	408.4	376.4	339.3	302.2	265.1	227.6
-10°	589.7	526.7	486.2	457.7	431.8	406.3	373.5	336.6	299.8	263.1	225.6
-12.5°	578.2	520.4	482.9	455.0	429.6	403.4	370.4	333.6	296.9	260.4	223.0
-15°	563.9	512.6	478.5	451.5	426.8	399.8	366.5	330.1	293.7	257.3	219.8
-17.5°	547.3	503.2	473.3	447.2	423.4	395.4	361.7	325.9	290.0	253.9	216.1
-20°	535.3	495.0	467.3	442.2	419.4	390.3	356.2	320.9	285.5	249.8	212.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	523.0	487.8	461.1	437.0	413.9	384.4	349.9	315.2	280.5	245.2	207.6
-25°	509.3	479.0	454.4	431.4	406.7	376.6	342.8	308.8	274.8	239.9	202.5
-27.5°	497.3	469.5	447.3	425.1	399.2	368.0	335.0	301.8	268.4	234.0	197.1
-30°	484.9	461.1	439.6	417.4	391.3	358.9	326.4	294.1	261.2	227.2	191.1
-32.5°	471.9	452.4	431.0	408.3	381.2	349.0	317.3	285.8	253.3	219.8	185.1
-35°	461.1	442.1	421.5	398.9	369.5	338.1	307.3	276.9	244.7	211.9	178.7
-37.5°	448.9	430.6	411.1	387.4	356.7	326.4	296.6	266.8	235.5	203.6	171.8
-40°	436.3	418.4	399.5	372.5	343.0	313.8	285.0	255.9	225.6	194.9	164.5
-42.5°	423.4	405.1	383.8	356.7	328.4	300.4	272.8	244.6	215.4	185.9	156.7
-45°	408.3	389.9	367.1	340.3	312.9	286.2	259.9	232.9	204.7	176.4	148.4
-47.5°	392.1	373.1	349.4	323.3	296.6	271.4	246.6	220.4	193.6	166.4	139.8
-50°	375.5	354.8	330.4	305.5	280.2	256.5	232.8	207.5	182.0	156.1	130.7
-52.5°	355.8	333.8	310.7	287.2	263.8	241.4	218.0	194.1	169.9	145.4	121.2
-55°	333.3	312.3	290.5	268.3	246.7	225.0	202.8	180.3	157.5	134.2	111.5
-57.5°	309.3	290.0	269.1	248.6	228.0	207.6	187.2	166.1	144.4	122.6	102.7
-60°	283.8	265.3	246.7	227.1	208.0	189.6	171.2	151.3	130.8	111.0	93.6
-62.5°	255.9	239.4	222.1	204.4	187.6	171.2	154.6	135.6	116.8	100.2	84.4
-65°	227.1	212.0	196.5	181.7	167.0	152.2	136.6	119.4	103.9	89.2	74.8
-67.5°	197.8	185.1	171.9	158.9	146.0	132.5	118.1	104.4	91.0	77.9	65.2
-70°	170.0	158.7	147.5	136.5	124.8	112.8	101.4	89.7	77.9	66.7	55.4
-72.5°	142.8	133.5	123.9	114.1	104.6	94.8	84.8	74.8	65.2	55.4	45.4
-75°	116.2	108.7	101.1	93.2	85.0	76.7	68.9	60.6	52.3	43.9	36.6
-77.5°	91.2	85.1	78.7	72.8	66.8	60.3	53.4	46.3	40.1	34.3	28.2
-80°	67.8	63.6	59.2	54.6	49.4	43.8	39.0	34.3	29.7	24.9	19.7
-82.5°	46.3	43.3	40.3	37.1	33.5	30.0	26.5	23.1	19.4	15.4	12.6
-85°	26.4	24.5	22.5	20.4	18.2	16.1	14.9	13.6	11.8	10.1	8.4
-87.5°	10.9	10.3	9.8	9.2	8.6	8.0	7.4	6.8	5.9	5.0	4.2
-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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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
85°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
82.5°	10.4	8.7	7.0	5.2	3.5	1.7	0.0
80°	14.3	11.5	9.3	7.0	4.6	2.3	0.0
77.5°	21.8	15.6	11.5	8.7	5.8	2.9	0.0
75°	29.2	21.8	14.3	10.4	6.9	3.5	0.0
72.5°	36.5	27.9	19.2	12.1	8.0	4.0	0.0
70°	43.9	33.9	24.0	14.1	9.2	4.6	0.0
67.5°	52.2	39.9	28.8	17.7	10.2	5.1	0.0
65°	60.4	46.2	33.5	21.2	11.3	5.7	0.0
62.5°	68.4	52.7	38.1	24.6	12.4	6.2	0.0
60°	76.2	59.2	42.6	28.0	13.4	6.7	0.0
57.5°	84.0	65.4	47.5	31.3	15.5	7.2	0.0
55°	91.7	71.4	52.3	34.5	17.6	7.7	0.0
52.5°	99.2	77.3	56.9	37.6	19.7	8.2	0.0
50°	106.4	83.4	61.3	40.6	21.6	8.6	0.0
47.5°	113.6	89.3	65.6	43.6	23.5	9.1	0.0
45°	121.0	95.0	69.7	46.6	25.2	9.5	0.0
42.5°	128.0	100.5	73.6	49.5	26.9	9.9	0.0
40°	134.7	105.8	77.5	52.2	28.5	10.3	0.0
37.5°	141.0	110.8	81.5	54.7	30.0	10.6	0.0
35°	146.9	115.7	85.3	57.1	31.4	11.0	0.0
32.5°	152.4	120.3	88.9	59.3	32.7	11.3	0.0
30°	157.5	124.6	92.2	61.3	34.0	11.6	0.0
27.5°	162.2	128.6	95.2	63.2	35.1	11.9	0.0
25°	166.5	132.2	97.9	64.9	36.1	12.1	0.0
22.5°	170.3	135.4	100.4	66.5	37.0	12.4	0.0
20°	173.6	138.1	102.5	67.8	37.7	12.6	0.0
17.5°	176.7	140.5	104.4	69.0	38.4	12.8	0.0
15°	179.5	142.5	106.1	70.1	39.0	12.9	0.0
12.5°	181.8	144.2	107.4	70.9	39.5	13.1	0.0
10°	183.8	145.6	108.4	71.5	39.8	13.2	0.0
7.5°	185.3	146.5	109.2	72.0	40.1	13.3	0.0
5°	186.5	147.2	109.7	72.3	40.2	13.3	0.0
2.5°	187.2	147.4	109.9	72.4	40.3	13.4	0.0
0°	187.4	147.3	109.8	72.3	40.2	13.4	0.0
-2.5°	187.2	147.4	109.9	72.4	40.3	13.4	0.0
-5°	186.5	147.2	109.7	72.3	40.2	13.3	0.0
-7.5°	185.3	146.5	109.2	72.0	40.1	13.3	0.0
-10°	183.8	145.6	108.4	71.5	39.8	13.2	0.0
-12.5°	181.8	144.2	107.4	70.9	39.5	13.1	0.0
-15°	179.5	142.5	106.1	70.1	39.0	12.9	0.0
-17.5°	176.7	140.5	104.4	69.0	38.4	12.8	0.0
-20°	173.6	138.1	102.5	67.8	37.7	12.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	170.3	135.4	100.4	66.5	37.0	12.4	0.0
-25°	166.5	132.2	97.9	64.9	36.1	12.1	0.0
-27.5°	162.2	128.6	95.2	63.2	35.1	11.9	0.0
-30°	157.5	124.6	92.2	61.3	34.0	11.6	0.0
-32.5°	152.4	120.3	88.9	59.3	32.7	11.3	0.0
-35°	146.9	115.7	85.3	57.1	31.4	11.0	0.0
-37.5°	141.0	110.8	81.5	54.7	30.0	10.6	0.0
-40°	134.7	105.8	77.5	52.2	28.5	10.3	0.0
-42.5°	128.0	100.5	73.6	49.5	26.9	9.9	0.0
-45°	121.0	95.0	69.7	46.6	25.2	9.5	0.0
-47.5°	113.6	89.3	65.6	43.6	23.5	9.1	0.0
-50°	106.4	83.4	61.3	40.6	21.6	8.6	0.0
-52.5°	99.2	77.3	56.9	37.6	19.7	8.2	0.0
-55°	91.7	71.4	52.3	34.5	17.6	7.7	0.0
-57.5°	84.0	65.4	47.5	31.3	15.5	7.2	0.0
-60°	76.2	59.2	42.6	28.0	13.4	6.7	0.0
-62.5°	68.4	52.7	38.1	24.6	12.4	6.2	0.0
-65°	60.4	46.2	33.5	21.2	11.3	5.7	0.0
-67.5°	52.2	39.9	28.8	17.7	10.2	5.1	0.0
-70°	43.9	33.9	24.0	14.1	9.2	4.6	0.0
-72.5°	36.5	27.9	19.2	12.1	8.0	4.0	0.0
-75°	29.2	21.8	14.3	10.4	6.9	3.5	0.0
-77.5°	21.8	15.6	11.5	8.7	5.8	2.9	0.0
-80°	14.3	11.5	9.3	7.0	4.6	2.3	0.0
-82.5°	10.4	8.7	7.0	5.2	3.5	1.7	0.0
-85°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
-87.5°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)