

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: P627488 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627488 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4E-722-U-NR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

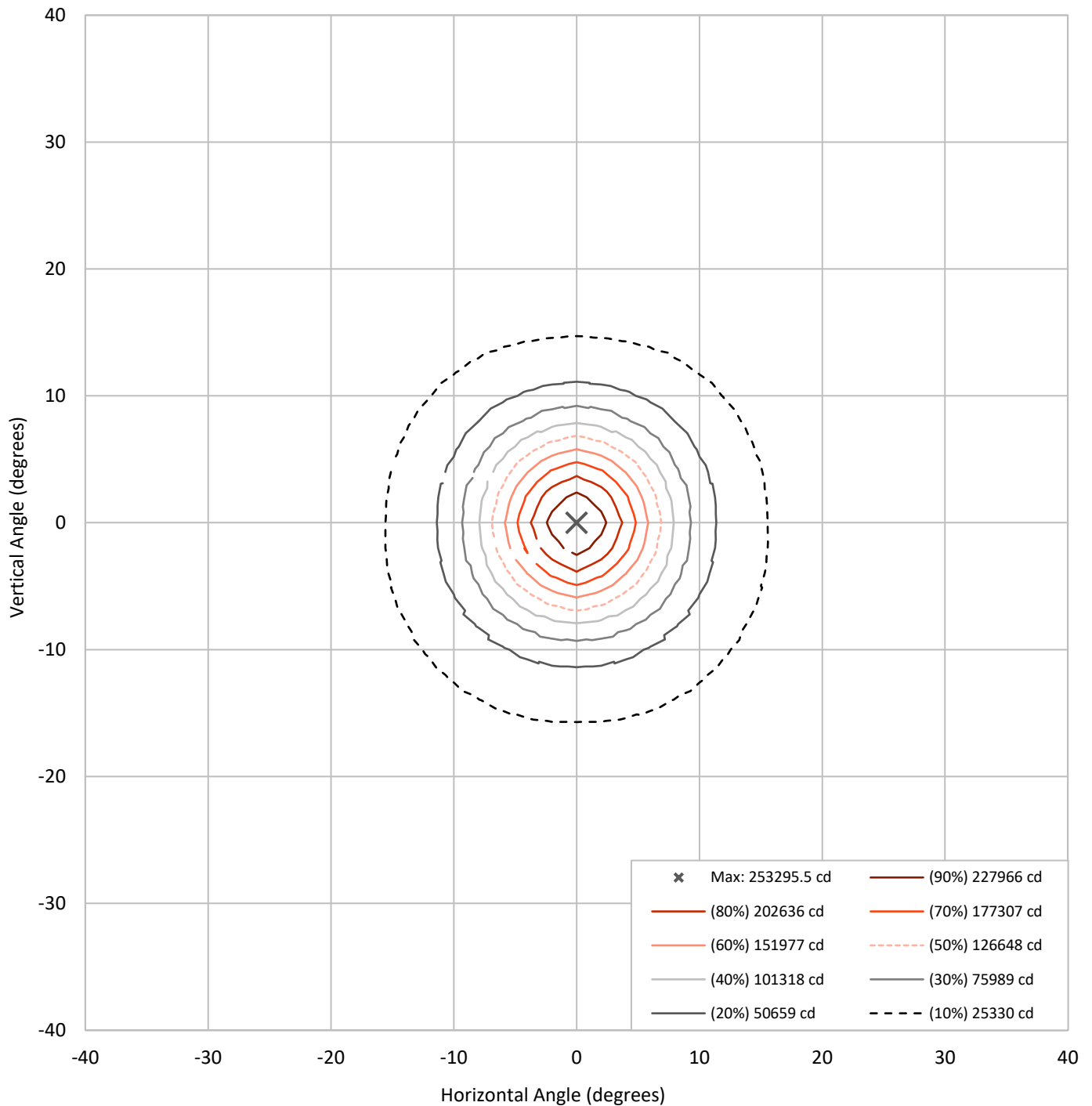
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	24988.1 lumens	Max Intensity:	253295.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	7977.3 lumens	Field Lumens:	17768.1 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	255.9		
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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CATALOG NUMBER: GFLD-SA4E-722-U-NR-VSR-XX

Iso-Candela Plot





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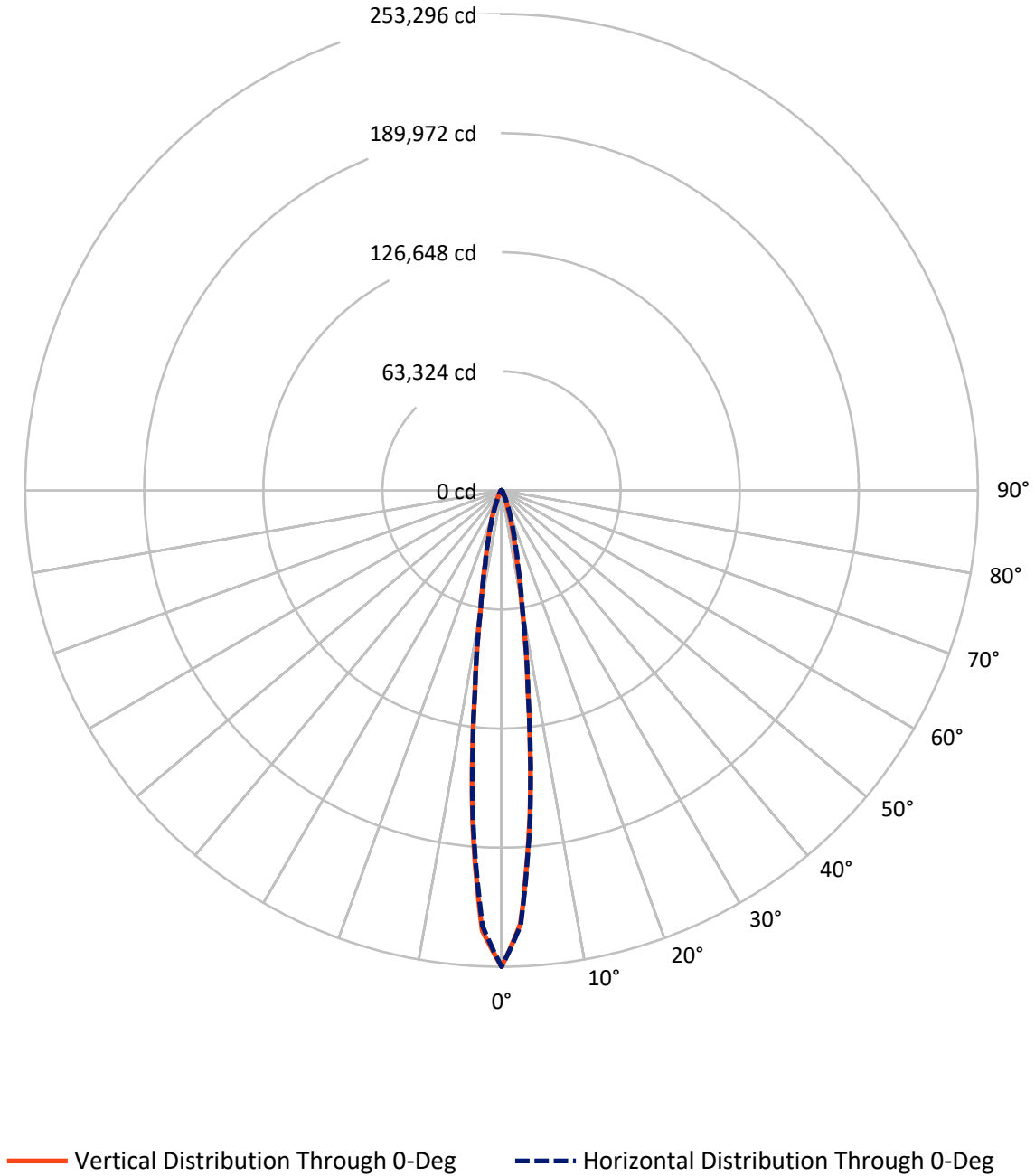
CATALOG NUMBER: GFLD-SA4E-722-U-NR-VSR-XX

Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
70	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1			
60		0.1	0.2	0.6	1.4	2.2	3.0	3.5	3.5	3.0	2.2	1.4	0.6	0.2	0.1				
50	0.1	0.1	0.7	2.2	4.1	6.0	8.4	9.9	9.9	8.4	6.0	4.1	2.2	0.7	0.1	0.1			
40		0.4	1.8	4.2	7.6	12.0	20.3	25.9	25.9	20.3	12.0	7.6	4.2	1.8	0.4				
30	0.2	0.7	2.8	6.4	11.7	25.4	67.9	112.4	112.4	67.9	25.4	11.7	6.4	2.8	0.7	0.2			
20		1.1	3.8	8.9	19.3	76.0	320.3	704.1	704.1	320.3	76.0	19.3	8.9	3.8	1.1				
10	0.4	1.3	4.7	10.5	26.2	142.6	767.5	3442.3	3442.3	767.5	142.6	26.2	10.5	4.7	1.3	0.4			
0		1.5	5.1	11.0	28.2	152.0	794.5	3500.7	3500.7	794.5	152.0	28.2	11.0	5.1	1.5				
-10	0.5	1.6	5.2	10.8	24.7	96.7	385.7	824.9	824.9	385.7	96.7	24.7	10.8	5.2	1.6	0.5			
-20		1.6	4.9	9.9	19.1	45.2	118.8	198.1	198.1	118.8	45.2	19.1	9.9	4.9	1.6				
-30	0.4	1.4	4.4	8.8	15.0	24.8	40.4	51.3	51.3	40.4	24.8	15.0	8.8	4.4	1.4	0.4			
-40		1.1	3.6	7.3	12.1	17.3	23.3	26.0	26.0	23.3	17.3	12.1	7.3	3.6	1.1				
-50	0.3	0.9	2.7	5.7	9.5	13.3	16.8	18.4	18.4	16.8	13.3	9.5	5.7	2.7	0.9	0.3			
-60		0.6	1.7	3.7	6.4	9.3	11.7	12.9	12.9	11.7	9.3	6.4	3.7	1.7	0.6				
-70	0.1	0.6	1.7	3.7	6.4	9.3	11.7	12.9	12.9	11.7	9.3	6.4	3.7	1.7	0.6	0.1			
-80		0.1	1.5	6.3	13.8	17.5	13.8	6.3	1.5	0.1									
-90	0.1	1.5	6.3	13.8	17.5	13.8	6.3	1.5	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

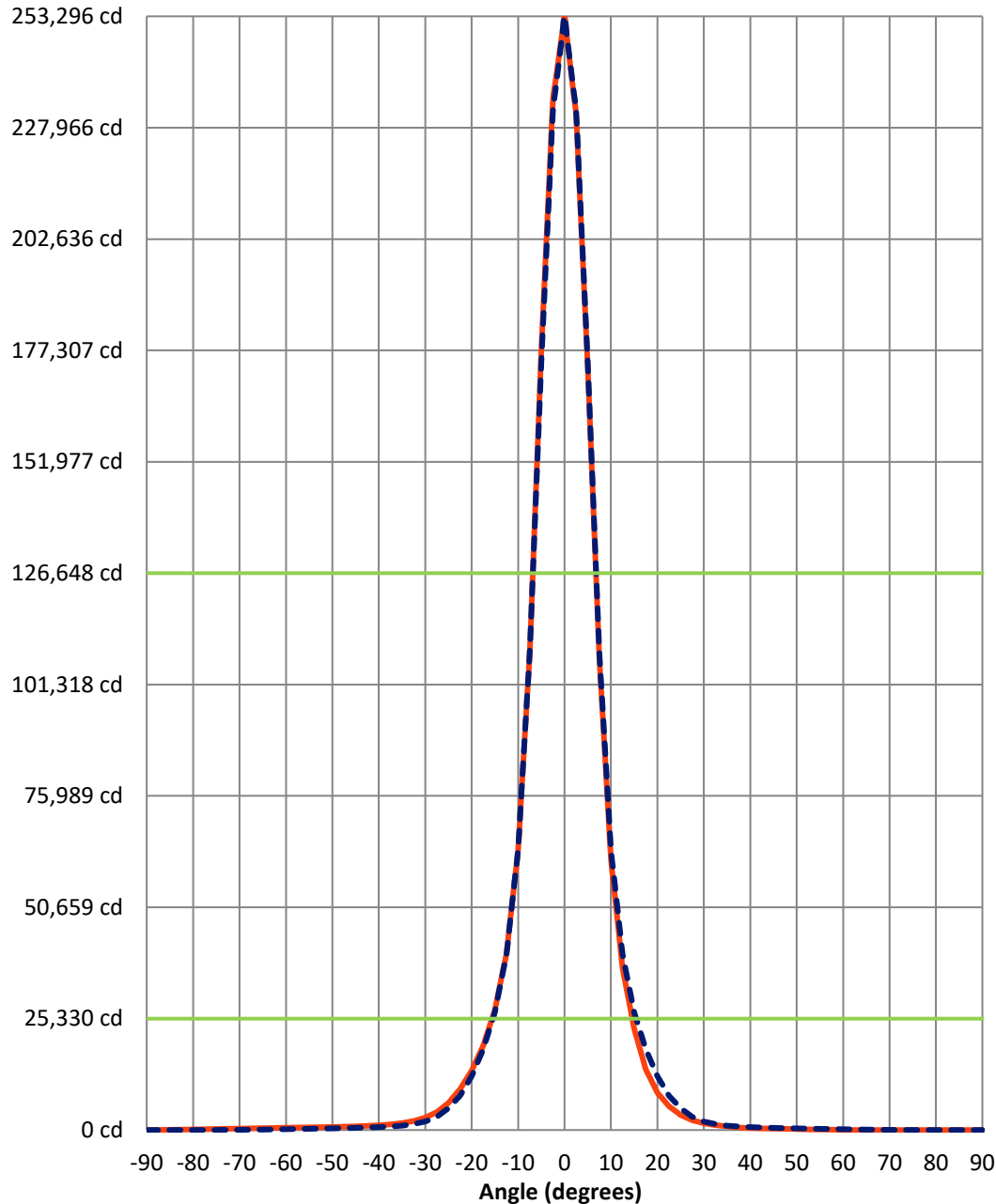
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 7977.3
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 17768.1
 Efficiency: 71.1%

Spill:
 Lumens: 7220
 Efficiency: 28.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.6	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.7	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.5	0.2
72.5°	0.0	0.8	0.1	0.0	0.6	0.8	0.3	0.3	1.1	1.2	0.5
70°	0.0	1.0	0.2	0.1	1.1	1.2	0.6	1.7	2.3	2.0	0.7
67.5°	0.0	1.1	0.3	0.6	1.6	1.7	1.9	3.0	3.5	2.2	0.9
65°	0.0	1.2	0.4	1.2	2.2	2.3	3.1	4.5	3.6	2.4	1.6
62.5°	0.0	1.4	0.6	1.7	2.8	3.1	4.2	5.1	3.8	2.8	3.4
60°	0.0	1.5	0.7	2.3	3.4	3.8	5.3	5.3	4.1	3.9	4.9
57.5°	0.0	1.7	1.2	2.8	3.8	4.4	5.4	5.4	4.5	4.8	5.4
55°	0.0	1.8	1.6	3.4	4.2	5.0	5.4	5.4	5.0	5.4	5.4
52.5°	0.0	2.0	2.0	4.0	4.5	5.4	5.4	5.4	5.3	5.4	5.4
50°	0.0	2.1	2.4	4.6	4.8	5.4	5.4	5.4	5.4	5.4	6.3
47.5°	0.0	2.3	2.8	5.1	5.0	5.4	5.4	5.4	5.4	5.4	7.4
45°	0.0	2.5	3.2	5.2	5.2	5.4	5.4	5.4	5.6	6.7	8.8
42.5°	0.0	2.6	3.5	5.4	5.3	5.4	5.4	5.6	5.9	8.2	11.8
40°	0.0	2.8	3.8	5.4	5.4	5.4	5.4	6.0	6.8	9.8	15.2
37.5°	0.0	3.0	4.0	5.4	5.4	5.4	5.4	6.5	8.7	12.4	18.8
35°	0.0	3.2	4.3	5.4	5.4	5.4	5.4	7.2	10.7	15.7	23.1
32.5°	0.0	3.3	4.5	5.4	5.4	5.4	5.6	7.9	12.7	19.0	28.6
30°	0.0	3.5	4.7	5.4	5.4	5.4	6.1	8.9	14.9	22.2	34.6
27.5°	0.0	3.7	4.8	5.4	5.4	5.4	6.7	10.6	17.2	25.2	41.1
25°	0.0	3.9	5.0	5.4	5.4	5.4	7.3	12.4	19.8	29.7	48.1
22.5°	0.0	4.0	5.1	5.4	5.4	5.5	8.0	14.1	22.2	35.1	56.3
20°	0.0	4.2	5.2	5.4	5.4	5.9	8.7	15.8	24.5	40.6	63.8
17.5°	0.0	4.4	5.2	5.4	5.4	6.4	9.6	17.5	26.7	46.1	70.7
15°	0.0	4.5	5.3	5.4	5.4	6.9	10.7	19.1	28.7	51.5	77.0
12.5°	0.0	4.7	5.3	5.4	5.4	7.5	11.7	20.8	31.5	56.8	82.6
10°	0.0	4.9	5.4	5.4	5.4	8.1	12.7	22.2	34.9	61.7	87.6
7.5°	0.0	5.0	5.4	5.4	5.4	8.8	13.7	23.6	38.4	66.0	91.9
5°	0.0	5.1	5.4	5.4	5.4	9.4	14.5	24.8	41.9	69.6	95.8
2.5°	0.0	5.3	5.4	5.4	5.4	10.1	15.3	25.9	45.2	72.6	99.1
0°	0.0	5.4	5.4	5.4	5.4	10.7	16.1	26.8	48.3	75.1	101.9
-2.5°	0.0	5.4	5.4	5.4	5.9	11.3	17.5	28.4	51.0	77.1	105.4
-5°	0.0	5.4	5.4	5.4	6.3	11.8	18.8	29.9	53.4	78.6	108.2
-7.5°	0.0	5.4	5.4	5.4	6.7	12.3	20.0	31.2	55.3	79.8	110.3
-10°	0.0	5.3	5.4	5.4	7.1	12.7	21.0	32.3	56.7	80.7	111.7
-12.5°	0.0	5.3	5.4	5.4	7.5	13.0	21.9	33.3	57.5	81.5	113.7
-15°	0.0	5.2	5.4	5.4	7.8	13.3	22.6	34.2	57.7	83.1	115.7
-17.5°	0.0	5.1	5.4	5.4	8.0	13.6	23.0	35.0	57.3	83.9	116.6
-20°	0.0	5.1	5.4	5.4	8.2	13.7	23.4	35.7	56.5	83.9	116.4

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Scaled Data Report



REPORT NUMBER: P627488 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.0	5.4	5.4	8.2	13.9	23.6	36.1	55.2	82.9	115.0
-25°	0.0	4.9	5.4	5.4	8.2	14.2	23.8	36.3	53.5	81.0	112.5
-27.5°	0.0	4.8	5.4	5.4	8.1	14.6	23.8	36.2	51.4	78.2	110.1
-30°	0.0	4.7	5.4	5.4	7.9	14.8	23.7	35.8	50.3	75.3	106.4
-32.5°	0.0	4.6	5.4	5.4	7.9	14.9	23.4	35.4	49.7	72.0	101.3
-35°	0.0	4.4	5.4	5.4	7.8	14.9	23.3	34.9	48.7	68.2	94.9
-37.5°	0.0	4.3	5.4	5.4	7.6	14.7	23.2	34.3	47.3	63.9	91.2
-40°	0.0	4.1	5.4	5.4	7.3	14.4	22.9	33.4	45.5	61.2	87.8
-42.5°	0.0	4.0	5.4	5.5	7.3	14.0	22.4	32.5	44.0	59.9	83.7
-45°	0.0	3.8	5.4	5.6	7.5	13.4	21.8	31.5	42.7	58.1	79.1
-47.5°	0.0	3.6	5.4	5.7	7.6	12.7	20.9	30.4	41.3	55.6	76.1
-50°	0.0	3.5	5.4	5.8	7.6	11.9	19.8	29.1	39.7	53.5	72.2
-52.5°	0.0	3.3	5.4	5.8	7.7	11.0	18.6	27.5	37.7	50.5	67.5
-55°	0.0	3.1	5.4	5.8	7.6	10.6	17.1	25.7	35.5	46.8	62.6
-57.5°	0.0	2.9	5.4	5.8	7.5	10.4	15.5	23.6	32.9	43.4	56.7
-60°	0.0	2.7	5.4	5.8	7.3	10.0	13.9	21.4	30.1	39.9	50.8
-62.5°	0.0	2.5	5.0	5.7	7.1	9.6	13.2	18.9	27.0	36.1	46.2
-65°	0.0	2.3	4.6	5.7	6.9	9.1	12.4	16.6	23.6	32.0	41.3
-67.5°	0.0	2.1	4.1	5.5	6.6	8.5	11.4	15.3	20.0	27.6	36.0
-70°	0.0	1.8	3.7	5.4	6.2	7.9	10.4	13.8	17.9	22.9	30.4
-72.5°	0.0	1.6	3.2	4.9	5.9	7.2	9.3	12.1	15.7	19.9	24.9
-75°	0.0	1.4	2.8	4.2	5.5	6.5	8.1	10.6	13.3	16.8	21.0
-77.5°	0.0	1.2	2.3	3.5	4.7	5.7	6.9	9.1	11.5	14.0	16.9
-80°	0.0	0.9	1.9	2.8	3.7	4.7	5.6	7.6	9.8	12.0	14.2
-82.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	6.0	8.1	10.1	12.0
-85°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	4.0	5.5	7.1	9.0
-87.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	2.0	2.7	3.6	4.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.5	1.8	1.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.6	3.5	2.7	1.4	0.1	1.3	1.8	1.5	0.2	0.0	0.0
62.5°	5.0	4.3	3.0	2.2	3.1	4.1	3.2	1.9	0.5	2.6	3.7
60°	5.4	4.6	3.8	4.3	5.5	4.9	3.5	5.2	7.9	9.9	12.0
57.5°	5.4	5.0	4.9	5.8	6.1	6.1	9.4	12.6	17.8	22.1	25.1
55°	5.5	5.3	6.1	7.3	9.0	12.8	17.5	24.7	30.4	39.3	46.8
52.5°	6.1	6.1	8.2	11.0	16.2	22.1	30.4	40.6	52.1	60.7	69.8
50°	7.0	9.0	11.4	18.4	25.6	34.8	48.5	63.3	73.0	82.7	95.8
47.5°	9.5	12.1	18.8	26.9	37.3	52.1	71.0	81.6	91.1	106.3	122.6
45°	12.9	18.2	26.5	37.6	52.0	72.7	87.5	96.2	112.8	130.4	148.9
42.5°	16.4	25.2	36.4	48.2	70.7	90.5	103.8	117.7	134.4	154.9	175.1
40°	22.3	32.0	47.4	65.7	88.7	107.9	124.7	140.6	157.0	183.9	205.4
37.5°	28.2	42.4	59.7	82.6	106.4	127.4	146.2	166.1	189.6	220.0	239.2
35°	34.0	53.2	74.4	98.7	124.0	147.7	170.3	193.6	224.0	252.7	275.7
32.5°	42.1	64.2	88.0	114.3	140.4	167.3	194.7	222.5	252.4	281.8	312.0
30°	52.3	76.0	101.1	129.2	155.5	186.6	218.3	247.8	277.9	308.9	343.0
27.5°	62.6	87.0	114.1	142.6	170.1	205.6	239.8	270.6	301.5	334.8	373.7
25°	72.0	98.1	126.4	154.4	186.8	224.8	262.3	297.9	324.1	362.0	407.4
22.5°	81.1	108.9	139.3	165.2	202.9	244.3	287.9	326.2	357.1	391.1	442.5
20°	90.2	120.0	151.4	180.4	219.0	263.5	315.3	354.8	393.2	436.9	489.5
17.5°	98.8	130.4	163.4	197.7	238.5	284.6	343.4	383.6	429.5	481.8	548.1
15°	106.9	140.0	175.4	213.9	256.1	305.8	362.4	412.6	467.5	527.9	606.2
12.5°	114.5	148.8	187.2	228.9	271.6	324.0	378.4	431.8	495.0	574.0	672.5
10°	121.5	156.7	198.7	242.7	285.1	339.4	392.5	448.1	514.7	601.5	714.2
7.5°	127.3	164.8	209.5	255.1	296.7	352.0	404.7	461.5	531.2	624.2	742.3
5°	132.1	173.2	219.6	263.2	306.4	362.9	414.9	472.1	544.4	642.0	762.5
2.5°	136.2	180.9	228.4	269.0	314.8	372.9	423.0	483.9	557.7	655.8	781.3
0°	139.4	187.7	235.9	273.4	321.7	380.7	428.9	493.3	568.3	664.8	798.9
-2.5°	145.9	193.3	240.4	278.5	329.1	382.0	432.8	494.6	572.3	671.8	802.2
-5°	151.4	197.8	243.6	282.4	334.6	381.8	434.4	493.4	573.6	675.8	808.0
-7.5°	155.6	201.2	245.8	285.4	337.5	383.6	436.8	497.3	577.8	679.4	815.6
-10°	158.3	203.7	247.6	289.2	338.3	385.4	437.8	498.1	577.1	677.1	811.4
-12.5°	159.7	205.2	248.4	291.3	338.1	385.2	436.6	495.8	571.2	668.6	794.8
-15°	160.2	205.7	248.3	291.5	337.3	382.9	433.1	490.2	560.6	654.2	768.8
-17.5°	159.7	205.4	247.3	289.8	336.1	378.5	427.8	482.6	549.8	637.4	747.7
-20°	158.3	204.3	245.4	285.9	334.3	374.4	422.5	475.4	538.6	618.0	716.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627488 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	156.1	202.4	242.8	282.0	328.4	370.6	415.5	466.0	522.7	594.4	682.0
-25°	153.5	198.6	239.4	279.0	321.6	364.9	406.7	454.7	506.8	575.7	654.6
-27.5°	150.1	194.0	234.7	274.8	314.4	357.0	397.9	443.2	494.8	555.6	626.1
-30°	145.1	187.5	228.2	269.1	308.2	348.2	387.7	430.9	479.4	536.8	601.9
-32.5°	138.9	180.2	220.1	260.5	301.1	339.3	376.5	418.0	463.6	513.9	575.8
-35°	132.5	172.3	211.2	249.7	292.5	329.4	365.2	403.3	445.7	492.4	542.9
-37.5°	126.5	163.9	201.8	238.2	278.7	317.1	352.0	388.1	427.3	470.2	516.0
-40°	120.1	154.9	191.9	227.4	262.9	302.0	336.8	371.8	408.0	451.0	491.7
-42.5°	113.5	147.3	181.5	216.3	250.3	285.2	319.9	353.4	391.6	432.4	472.3
-45°	107.9	139.3	171.1	204.8	238.4	269.9	302.5	333.8	372.7	413.3	452.4
-47.5°	101.4	131.2	162.0	192.5	225.4	257.0	286.3	318.0	351.0	389.4	430.4
-50°	94.7	122.8	151.3	180.1	211.3	242.8	272.5	301.8	333.0	364.5	399.9
-52.5°	88.9	113.5	139.9	166.4	195.8	226.7	256.7	286.0	314.7	344.3	374.5
-55°	82.2	104.7	128.0	152.7	178.6	208.1	237.9	266.5	295.8	323.5	353.1
-57.5°	74.7	94.9	116.1	139.3	162.8	187.0	215.9	244.3	271.9	299.9	330.4
-60°	66.1	84.2	103.4	124.8	147.7	169.9	193.3	219.7	246.3	272.8	301.0
-62.5°	57.3	73.0	90.4	109.0	130.0	151.8	173.2	195.7	219.6	242.7	267.1
-65°	51.5	62.5	77.1	93.7	110.9	130.4	150.7	171.4	192.4	212.1	230.9
-67.5°	45.2	55.2	65.9	78.1	93.8	110.3	126.5	145.0	163.9	181.9	199.5
-70°	38.5	47.4	56.9	67.1	78.2	91.7	106.8	121.7	136.2	151.3	167.6
-72.5°	31.5	39.2	47.5	56.4	65.9	76.5	88.2	100.8	113.7	126.2	139.0
-75°	25.9	31.0	37.8	45.2	53.4	61.8	70.3	80.3	91.2	102.2	112.9
-77.5°	21.3	26.0	30.6	35.2	41.1	48.7	56.3	63.7	71.3	79.6	88.4
-80°	17.3	21.0	25.2	29.4	33.4	38.1	43.3	49.2	54.5	60.0	66.0
-82.5°	14.5	17.2	20.3	23.6	25.9	28.4	31.2	34.6	38.1	41.8	45.6
-85°	11.1	13.3	15.4	17.6	18.7	19.9	21.2	22.7	25.0	27.2	29.5
-87.5°	5.6	6.7	7.9	9.2	9.8	10.3	10.9	11.4	12.8	14.4	15.9
-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: P627488 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-722-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.0	0.0	0.0	0.1	1.0	1.3	1.1	0.5	0.0	0.0
62.5°	3.1	2.6	4.1	5.5	6.1	6.0	5.5	4.9	4.2	3.9	4.4
60°	12.9	12.6	17.6	20.0	18.2	12.8	20.2	23.8	22.9	19.6	19.5
57.5°	31.5	38.2	43.1	45.3	52.4	63.9	66.1	62.2	60.9	62.1	71.8
55°	54.5	60.0	62.8	72.5	81.2	87.4	91.1	94.8	100.3	107.0	114.0
52.5°	77.1	84.6	90.3	99.1	109.4	113.0	112.0	125.3	135.7	142.3	145.0
50°	105.9	115.3	128.6	142.2	148.2	154.0	160.0	170.9	186.8	206.6	217.9
47.5°	136.9	151.7	165.7	181.3	189.1	195.3	204.4	223.4	246.0	267.2	278.3
45°	164.8	178.0	194.0	207.5	217.2	229.1	242.2	259.3	284.7	306.9	322.3
42.5°	187.4	202.1	218.6	234.9	244.7	260.7	280.8	304.1	330.6	353.7	370.8
40°	218.8	231.3	257.5	273.0	276.9	291.9	332.0	363.8	393.7	422.2	436.3
37.5°	256.8	281.2	308.5	322.6	336.3	362.7	416.4	467.8	505.9	544.4	565.5
35°	299.9	332.1	369.2	385.8	415.4	472.9	535.9	607.5	696.7	734.0	767.9
32.5°	341.9	377.9	412.1	449.3	501.2	569.7	640.8	756.9	865.3	949.3	1010.6
30°	379.1	417.3	459.8	507.6	580.6	675.2	793.8	944.1	1096.9	1230.4	1343.2
27.5°	415.9	459.3	509.8	581.2	684.0	812.4	1001.8	1216.1	1471.3	1659.3	1883.8
25°	456.2	505.8	570.7	674.3	812.9	1004.9	1307.7	1655.7	2074.1	2413.3	2768.4
22.5°	504.0	577.2	659.4	774.9	1017.0	1333.3	1747.0	2341.9	2985.5	3580.5	4153.6
20°	561.6	661.7	793.7	1006.3	1317.2	1784.8	2503.5	3453.0	4399.5	5407.5	6377.8
17.5°	643.9	788.2	993.2	1295.8	1705.5	2630.6	3796.7	5265.2	7151.8	8861.4	10354.1
15°	721.0	893.4	1217.2	1669.6	2384.2	3610.2	5381.4	7805.2	10745.4	13425.0	16255.2
12.5°	802.0	1005.6	1377.4	1953.5	2946.4	4542.5	7031.7	10352.7	14034.3	18072.8	22672.8
10°	866.2	1113.4	1558.5	2288.9	3512.9	5500.5	8465.5	12493.1	17385.4	23362.1	30715.5
7.5°	909.5	1199.7	1708.1	2534.5	4034.4	6480.2	10049.5	14890.5	21006.8	28924.6	39214.0
5°	943.4	1265.6	1820.6	2758.5	4475.6	7228.1	11223.1	16990.0	24225.2	34833.7	52271.3
2.5°	970.6	1316.1	1890.2	2912.6	4752.5	7748.9	12010.5	18177.7	26141.0	39202.4	61825.4
0°	991.9	1361.8	1935.5	3007.8	4964.7	7800.9	12256.2	18395.1	26828.6	39990.9	63881.5
-2.5°	1000.9	1386.3	1951.1	3028.6	4943.5	7890.3	12331.3	18568.7	26802.8	39558.9	61585.1
-5°	1016.0	1385.9	1939.3	3007.3	4832.6	7659.2	11841.6	17597.2	25185.8	36156.6	54202.3
-7.5°	1026.8	1363.7	1883.2	2871.1	4542.5	7159.5	10981.0	15987.4	22242.8	30572.7	41748.9
-10°	1016.9	1321.3	1789.6	2642.5	4091.5	6357.8	9672.5	13862.4	19061.2	25234.3	32827.7
-12.5°	978.6	1243.0	1636.8	2322.3	3507.3	5459.9	8356.0	11923.3	15771.3	20106.7	25353.8
-15°	930.2	1158.6	1499.2	2102.7	3074.2	4569.9	6684.2	9578.2	12665.0	15956.7	19466.8
-17.5°	892.5	1084.4	1366.5	1803.4	2518.0	3707.2	5368.7	7424.6	9693.0	12199.1	14279.1
-20°	841.5	993.2	1230.0	1586.7	2132.0	2919.9	4130.0	5623.5	7120.4	8882.4	10319.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627488 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	790.5	922.6	1102.8	1363.8	1769.5	2364.8	3112.4	4109.7	5204.3	6215.7	7211.3
-25°	743.1	844.8	990.6	1204.7	1479.9	1886.1	2418.3	2990.4	3711.9	4327.6	5010.8
-27.5°	704.7	792.0	899.6	1056.6	1270.1	1531.4	1912.5	2295.8	2675.3	2986.0	3456.4
-30°	667.6	737.9	827.9	939.9	1099.9	1301.3	1548.7	1797.3	2016.3	2216.1	2461.0
-32.5°	631.2	688.5	757.4	850.3	965.3	1116.6	1268.7	1446.9	1599.0	1739.5	1869.5
-35°	594.8	645.7	698.2	776.6	868.2	975.7	1086.3	1207.0	1312.3	1407.0	1490.7
-37.5°	561.8	606.5	655.9	714.3	788.1	869.1	959.4	1047.0	1116.6	1178.0	1228.8
-40°	534.0	574.7	617.0	663.7	719.9	783.8	860.4	933.5	982.3	1019.8	1050.6
-42.5°	509.2	545.0	581.1	620.7	663.8	719.1	779.6	840.0	873.1	902.1	924.4
-45°	489.3	516.8	547.1	580.9	619.1	665.4	713.0	754.8	784.1	809.1	827.6
-47.5°	462.9	489.4	515.6	543.6	579.2	617.8	657.1	689.2	714.9	736.6	750.8
-50°	433.9	461.8	485.8	510.4	543.1	575.9	607.6	634.1	658.6	679.9	691.0
-52.5°	403.9	433.8	459.0	483.0	510.5	539.0	567.6	590.3	611.7	631.8	640.3
-55°	382.3	409.8	435.9	458.4	481.1	504.0	527.3	550.8	572.0	591.0	596.7
-57.5°	358.9	387.0	412.8	433.0	453.4	474.0	495.4	516.7	537.1	555.4	560.0
-60°	330.4	360.8	383.7	402.8	422.7	443.1	461.6	480.6	499.6	515.6	520.7
-62.5°	294.2	321.9	344.5	364.6	383.8	401.5	419.6	437.3	454.4	467.0	471.2
-65°	250.7	274.3	297.6	318.7	337.6	354.7	371.3	387.5	403.0	414.2	419.7
-67.5°	216.5	233.5	252.2	270.3	289.3	306.9	321.9	336.1	349.5	358.9	364.8
-70°	183.5	199.6	217.1	234.4	251.0	265.2	277.2	289.0	300.3	308.6	314.9
-72.5°	151.9	165.5	180.2	195.4	210.5	223.5	234.5	244.9	254.7	261.9	267.6
-75°	123.3	134.6	147.0	159.3	171.6	181.8	191.0	200.0	208.7	215.0	220.3
-77.5°	97.8	107.4	117.1	126.7	136.4	143.8	150.6	157.2	163.7	168.7	173.2
-80°	72.5	80.0	87.7	95.4	103.1	108.8	113.9	118.7	123.3	126.2	128.8
-82.5°	49.5	54.7	60.2	65.6	71.1	75.2	79.3	83.2	87.1	88.5	89.5
-85°	31.6	34.2	37.1	40.0	43.2	45.5	47.7	49.8	51.7	53.6	55.4
-87.5°	17.5	18.0	18.5	19.0	19.4	21.0	22.6	24.3	25.9	26.2	26.4
-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: P627488 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1
62.5°	4.8	5.2	5.3	5.4	5.3	5.2	4.8	4.4	3.9	4.2	4.9
60°	18.3	16.3	16.0	16.1	16.0	16.3	18.3	19.5	19.6	22.9	23.8
57.5°	81.5	90.7	93.2	91.1	93.2	90.7	81.5	71.8	62.1	60.9	62.2
55°	118.7	121.6	122.9	123.3	122.9	121.6	118.7	114.0	107.0	100.3	94.8
52.5°	145.6	144.7	144.4	144.8	144.4	144.7	145.6	145.0	142.3	135.7	125.3
50°	218.8	214.8	213.2	214.5	213.2	214.8	218.8	217.9	206.6	186.8	170.9
47.5°	279.7	280.9	282.8	284.2	282.8	280.9	279.7	278.3	267.2	246.0	223.4
45°	326.6	329.4	331.3	332.4	331.3	329.4	326.6	322.3	306.9	284.7	259.3
42.5°	374.5	374.8	374.3	375.3	374.3	374.8	374.5	370.8	353.7	330.6	304.1
40°	442.1	443.5	442.0	439.6	442.0	443.5	442.1	436.3	422.2	393.7	363.8
37.5°	577.7	579.7	573.3	568.3	573.3	579.7	577.7	565.5	544.4	505.9	467.8
35°	799.0	821.9	832.8	836.4	832.8	821.9	799.0	767.9	734.0	696.7	607.5
32.5°	1053.1	1085.0	1101.0	1115.2	1101.0	1085.0	1053.1	1010.6	949.3	865.3	756.9
30°	1417.2	1476.0	1502.0	1538.7	1502.0	1476.0	1417.2	1343.2	1230.4	1096.9	944.1
27.5°	2011.2	2114.6	2171.9	2225.0	2171.9	2114.6	2011.2	1883.8	1659.3	1471.3	1216.1
25°	3026.3	3225.5	3354.4	3415.2	3354.4	3225.5	3026.3	2768.4	2413.3	2074.1	1655.7
22.5°	4708.0	5075.2	5358.3	5415.0	5358.3	5075.2	4708.0	4153.6	3580.5	2985.5	2341.9
20°	7319.3	7844.6	8272.0	8487.1	8272.0	7844.6	7319.3	6377.8	5407.5	4399.5	3453.0
17.5°	12132.0	13224.7	13723.7	13805.7	13723.7	13224.7	12132.0	10354.1	8861.4	7151.8	5265.2
15°	19291.9	21140.8	22314.5	23070.2	22314.5	21140.8	19291.9	16255.2	13425.0	10745.4	7805.2
12.5°	27461.2	32714.7	35704.1	36843.8	35704.1	32714.7	27461.2	22672.8	18072.8	14034.3	10352.7
10°	38548.6	50916.3	58050.4	61640.4	58050.4	50916.3	38548.6	30715.5	23362.1	17385.4	12493.1
7.5°	57366.7	76468.7	97632.9	107424.4	97632.9	76468.7	57366.7	39214.0	28924.6	21006.8	14890.5
5°	77148.9	119089.1	155900.4	173528.1	155900.4	119089.1	77148.9	52271.3	34833.7	24225.2	16990.0
2.5°	99885.5	156445.9	208740.5	230729.3	208740.5	156445.9	99885.5	61825.4	39202.4	26141.0	18177.7
0°	108636.1	174520.0	231713.1	253295.5	231713.1	174520.0	108636.1	63881.5	39990.9	26828.6	18395.1
-2.5°	101238.3	159186.1	209639.0	234300.0	209639.0	159186.1	101238.3	61585.1	39558.9	26802.8	18568.7
-5°	80439.0	119745.5	157110.8	177206.1	157110.8	119745.5	80439.0	54202.3	36156.6	25185.8	17597.2
-7.5°	59037.2	80435.3	101186.6	108443.0	101186.6	80435.3	59037.2	41748.9	30572.7	22242.8	15987.4
-10°	41102.9	53356.2	61444.6	63752.8	61444.6	53356.2	41102.9	32827.7	25234.3	19061.2	13862.4
-12.5°	30473.7	35833.3	39562.3	40210.7	39562.3	35833.3	30473.7	25353.8	20106.7	15771.3	11923.3
-15°	22565.0	25290.5	27213.8	27343.3	27213.8	25290.5	22565.0	19466.8	15956.7	12665.0	9578.2
-17.5°	16495.1	18324.6	19295.2	19226.1	19295.2	18324.6	16495.1	14279.1	12199.1	9693.0	7424.6
-20°	11794.9	12897.7	13679.8	13526.9	13679.8	12897.7	11794.9	10319.4	8882.4	7120.4	5623.5



REPORT NUMBER: P627488 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8224.3	8956.3	9414.6	9296.7	9414.6	8956.3	8224.3	7211.3	6215.7	5204.3	4109.7
-25°	5588.2	5987.1	6214.1	6176.4	6214.1	5987.1	5588.2	5010.8	4327.6	3711.9	2990.4
-27.5°	3808.1	4018.8	4089.1	4085.4	4089.1	4018.8	3808.1	3456.4	2986.0	2675.3	2295.8
-30°	2643.2	2784.8	2865.7	2814.8	2865.7	2784.8	2643.2	2461.0	2216.1	2016.3	1797.3
-32.5°	1970.0	2049.8	2096.1	2048.1	2096.1	2049.8	1970.0	1869.5	1739.5	1599.0	1446.9
-35°	1552.5	1592.9	1609.2	1581.6	1609.2	1592.9	1552.5	1490.7	1407.0	1312.3	1207.0
-37.5°	1265.8	1289.4	1297.5	1281.4	1297.5	1289.4	1265.8	1228.8	1178.0	1116.6	1047.0
-40°	1072.5	1087.0	1090.6	1077.6	1090.6	1087.0	1072.5	1050.6	1019.8	982.3	933.5
-42.5°	938.4	947.1	949.1	943.6	949.1	947.1	938.4	924.4	902.1	873.1	840.0
-45°	838.7	846.1	847.5	841.7	847.5	846.1	838.7	827.6	809.1	784.1	754.8
-47.5°	757.9	762.5	763.7	761.3	763.7	762.5	757.9	750.8	736.6	714.9	689.2
-50°	696.1	699.2	699.5	697.0	699.5	699.2	696.1	691.0	679.9	658.6	634.1
-52.5°	644.3	646.5	648.0	648.7	648.0	646.5	644.3	640.3	631.8	611.7	590.3
-55°	600.7	603.5	605.2	605.8	605.2	603.5	600.7	596.7	591.0	572.0	550.8
-57.5°	563.6	566.2	567.8	568.3	567.8	566.2	563.6	560.0	555.4	537.1	516.7
-60°	525.0	528.1	530.1	530.8	530.1	528.1	525.0	520.7	515.6	499.6	480.6
-62.5°	473.9	475.3	476.7	477.2	476.7	475.3	473.9	471.2	467.0	454.4	437.3
-65°	423.8	426.7	428.4	428.9	428.4	426.7	423.8	419.7	414.2	403.0	387.5
-67.5°	369.6	373.3	377.3	380.7	377.3	373.3	369.6	364.8	358.9	349.5	336.1
-70°	320.4	325.1	326.6	327.0	326.6	325.1	320.4	314.9	308.6	300.3	289.0
-72.5°	272.8	277.2	281.0	284.2	281.0	277.2	272.8	267.6	261.9	254.7	244.9
-75°	225.0	229.2	230.2	230.5	230.2	229.2	225.0	220.3	215.0	208.7	200.0
-77.5°	177.4	181.2	182.1	182.3	182.1	181.2	177.4	173.2	168.7	163.7	157.2
-80°	131.2	133.3	136.5	139.4	136.5	133.3	131.2	128.8	126.2	123.3	118.7
-82.5°	90.2	90.7	91.0	91.1	91.0	90.7	90.2	89.5	88.5	87.1	83.2
-85°	57.1	58.7	58.9	59.0	58.9	58.7	57.1	55.4	53.6	51.7	49.8
-87.5°	26.6	26.7	26.8	26.8	26.8	26.7	26.6	26.4	26.2	25.9	24.3
-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: P627488 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-722-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
65°	1.3	1.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.5
62.5°	5.5	6.0	6.1	5.5	4.1	2.6	3.1	3.7	2.6	0.5	1.9
60°	20.2	12.8	18.2	20.0	17.6	12.6	12.9	12.0	9.9	7.9	5.2
57.5°	66.1	63.9	52.4	45.3	43.1	38.2	31.5	25.1	22.1	17.8	12.6
55°	91.1	87.4	81.2	72.5	62.8	60.0	54.5	46.8	39.3	30.4	24.7
52.5°	112.0	113.0	109.4	99.1	90.3	84.6	77.1	69.8	60.7	52.1	40.6
50°	160.0	154.0	148.2	142.2	128.6	115.3	105.9	95.8	82.7	73.0	63.3
47.5°	204.4	195.3	189.1	181.3	165.7	151.7	136.9	122.6	106.3	91.1	81.6
45°	242.2	229.1	217.2	207.5	194.0	178.0	164.8	148.9	130.4	112.8	96.2
42.5°	280.8	260.7	244.7	234.9	218.6	202.1	187.4	175.1	154.9	134.4	117.7
40°	332.0	291.9	276.9	273.0	257.5	231.3	218.8	205.4	183.9	157.0	140.6
37.5°	416.4	362.7	336.3	322.6	308.5	281.2	256.8	239.2	220.0	189.6	166.1
35°	535.9	472.9	415.4	385.8	369.2	332.1	299.9	275.7	252.7	224.0	193.6
32.5°	640.8	569.7	501.2	449.3	412.1	377.9	341.9	312.0	281.8	252.4	222.5
30°	793.8	675.2	580.6	507.6	459.8	417.3	379.1	343.0	308.9	277.9	247.8
27.5°	1001.8	812.4	684.0	581.2	509.8	459.3	415.9	373.7	334.8	301.5	270.6
25°	1307.7	1004.9	812.9	674.3	570.7	505.8	456.2	407.4	362.0	324.1	297.9
22.5°	1747.0	1333.3	1017.0	774.9	659.4	577.2	504.0	442.5	391.1	357.1	326.2
20°	2503.5	1784.8	1317.2	1006.3	793.7	661.7	561.6	489.5	436.9	393.2	354.8
17.5°	3796.7	2630.6	1705.5	1295.8	993.2	788.2	643.9	548.1	481.8	429.5	383.6
15°	5381.4	3610.2	2384.2	1669.6	1217.2	893.4	721.0	606.2	527.9	467.5	412.6
12.5°	7031.7	4542.5	2946.4	1953.5	1377.4	1005.6	802.0	672.5	574.0	495.0	431.8
10°	8465.5	5500.5	3512.9	2288.9	1558.5	1113.4	866.2	714.2	601.5	514.7	448.1
7.5°	10049.5	6480.2	4034.4	2534.5	1708.1	1199.7	909.5	742.3	624.2	531.2	461.5
5°	11223.1	7228.1	4475.6	2758.5	1820.6	1265.6	943.4	762.5	642.0	544.4	472.1
2.5°	12010.5	7748.9	4752.5	2912.6	1890.2	1316.1	970.6	781.3	655.8	557.7	483.9
0°	12256.2	7800.9	4964.7	3007.8	1935.5	1361.8	991.9	798.9	664.8	568.3	493.3
-2.5°	12331.3	7890.3	4943.5	3028.6	1951.1	1386.3	1000.9	802.2	671.8	572.3	494.6
-5°	11841.6	7659.2	4832.6	3007.3	1939.3	1385.9	1016.0	808.0	675.8	573.6	493.4
-7.5°	10981.0	7159.5	4542.5	2871.1	1883.2	1363.7	1026.8	815.6	679.4	577.8	497.3
-10°	9672.5	6357.8	4091.5	2642.5	1789.6	1321.3	1016.9	811.4	677.1	577.1	498.1
-12.5°	8356.0	5459.9	3507.3	2322.3	1636.8	1243.0	978.6	794.8	668.6	571.2	495.8
-15°	6684.2	4569.9	3074.2	2102.7	1499.2	1158.6	930.2	768.8	654.2	560.6	490.2
-17.5°	5368.7	3707.2	2518.0	1803.4	1366.5	1084.4	892.5	747.7	637.4	549.8	482.6
-20°	4130.0	2919.9	2132.0	1586.7	1230.0	993.2	841.5	716.6	618.0	538.6	475.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627488 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3112.4	2364.8	1769.5	1363.8	1102.8	922.6	790.5	682.0	594.4	522.7	466.0
-25°	2418.3	1886.1	1479.9	1204.7	990.6	844.8	743.1	654.6	575.7	506.8	454.7
-27.5°	1912.5	1531.4	1270.1	1056.6	899.6	792.0	704.7	626.1	555.6	494.8	443.2
-30°	1548.7	1301.3	1099.9	939.9	827.9	737.9	667.6	601.9	536.8	479.4	430.9
-32.5°	1268.7	1116.6	965.3	850.3	757.4	688.5	631.2	575.8	513.9	463.6	418.0
-35°	1086.3	975.7	868.2	776.6	698.2	645.7	594.8	542.9	492.4	445.7	403.3
-37.5°	959.4	869.1	788.1	714.3	655.9	606.5	561.8	516.0	470.2	427.3	388.1
-40°	860.4	783.8	719.9	663.7	617.0	574.7	534.0	491.7	451.0	408.0	371.8
-42.5°	779.6	719.1	663.8	620.7	581.1	545.0	509.2	472.3	432.4	391.6	353.4
-45°	713.0	665.4	619.1	580.9	547.1	516.8	489.3	452.4	413.3	372.7	333.8
-47.5°	657.1	617.8	579.2	543.6	515.6	489.4	462.9	430.4	389.4	351.0	318.0
-50°	607.6	575.9	543.1	510.4	485.8	461.8	433.9	399.9	364.5	333.0	301.8
-52.5°	567.6	539.0	510.5	483.0	459.0	433.8	403.9	374.5	344.3	314.7	286.0
-55°	527.3	504.0	481.1	458.4	435.9	409.8	382.3	353.1	323.5	295.8	266.5
-57.5°	495.4	474.0	453.4	433.0	412.8	387.0	358.9	330.4	299.9	271.9	244.3
-60°	461.6	443.1	422.7	402.8	383.7	360.8	330.4	301.0	272.8	246.3	219.7
-62.5°	419.6	401.5	383.8	364.6	344.5	321.9	294.2	267.1	242.7	219.6	195.7
-65°	371.3	354.7	337.6	318.7	297.6	274.3	250.7	230.9	212.1	192.4	171.4
-67.5°	321.9	306.9	289.3	270.3	252.2	233.5	216.5	199.5	181.9	163.9	145.0
-70°	277.2	265.2	251.0	234.4	217.1	199.6	183.5	167.6	151.3	136.2	121.7
-72.5°	234.5	223.5	210.5	195.4	180.2	165.5	151.9	139.0	126.2	113.7	100.8
-75°	191.0	181.8	171.6	159.3	147.0	134.6	123.3	112.9	102.2	91.2	80.3
-77.5°	150.6	143.8	136.4	126.7	117.1	107.4	97.8	88.4	79.6	71.3	63.7
-80°	113.9	108.8	103.1	95.4	87.7	80.0	72.5	66.0	60.0	54.5	49.2
-82.5°	79.3	75.2	71.1	65.6	60.2	54.7	49.5	45.6	41.8	38.1	34.6
-85°	47.7	45.5	43.2	40.0	37.1	34.2	31.6	29.5	27.2	25.0	22.7
-87.5°	22.6	21.0	19.4	19.0	18.5	18.0	17.5	15.9	14.4	12.8	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: P627488 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-722-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	1.1	0.3
70°	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.7	2.0	2.3	1.7
67.5°	0.0	0.0	0.0	1.1	1.8	1.5	0.4	0.9	2.2	3.5	3.0
65°	1.8	1.3	0.1	1.4	2.7	3.5	2.6	1.6	2.4	3.6	4.5
62.5°	3.2	4.1	3.1	2.2	3.0	4.3	5.0	3.4	2.8	3.8	5.1
60°	3.5	4.9	5.5	4.3	3.8	4.6	5.4	4.9	3.9	4.1	5.3
57.5°	9.4	6.1	6.1	5.8	4.9	5.0	5.4	5.4	4.8	4.5	5.4
55°	17.5	12.8	9.0	7.3	6.1	5.3	5.5	5.4	5.4	5.0	5.4
52.5°	30.4	22.1	16.2	11.0	8.2	6.1	6.1	5.4	5.4	5.3	5.4
50°	48.5	34.8	25.6	18.4	11.4	9.0	7.0	6.3	5.4	5.4	5.4
47.5°	71.0	52.1	37.3	26.9	18.8	12.1	9.5	7.4	5.4	5.4	5.4
45°	87.5	72.7	52.0	37.6	26.5	18.2	12.9	8.8	6.7	5.6	5.4
42.5°	103.8	90.5	70.7	48.2	36.4	25.2	16.4	11.8	8.2	5.9	5.6
40°	124.7	107.9	88.7	65.7	47.4	32.0	22.3	15.2	9.8	6.8	6.0
37.5°	146.2	127.4	106.4	82.6	59.7	42.4	28.2	18.8	12.4	8.7	6.5
35°	170.3	147.7	124.0	98.7	74.4	53.2	34.0	23.1	15.7	10.7	7.2
32.5°	194.7	167.3	140.4	114.3	88.0	64.2	42.1	28.6	19.0	12.7	7.9
30°	218.3	186.6	155.5	129.2	101.1	76.0	52.3	34.6	22.2	14.9	8.9
27.5°	239.8	205.6	170.1	142.6	114.1	87.0	62.6	41.1	25.2	17.2	10.6
25°	262.3	224.8	186.8	154.4	126.4	98.1	72.0	48.1	29.7	19.8	12.4
22.5°	287.9	244.3	202.9	165.2	139.3	108.9	81.1	56.3	35.1	22.2	14.1
20°	315.3	263.5	219.0	180.4	151.4	120.0	90.2	63.8	40.6	24.5	15.8
17.5°	343.4	284.6	238.5	197.7	163.4	130.4	98.8	70.7	46.1	26.7	17.5
15°	362.4	305.8	256.1	213.9	175.4	140.0	106.9	77.0	51.5	28.7	19.1
12.5°	378.4	324.0	271.6	228.9	187.2	148.8	114.5	82.6	56.8	31.5	20.8
10°	392.5	339.4	285.1	242.7	198.7	156.7	121.5	87.6	61.7	34.9	22.2
7.5°	404.7	352.0	296.7	255.1	209.5	164.8	127.3	91.9	66.0	38.4	23.6
5°	414.9	362.9	306.4	263.2	219.6	173.2	132.1	95.8	69.6	41.9	24.8
2.5°	423.0	372.9	314.8	269.0	228.4	180.9	136.2	99.1	72.6	45.2	25.9
0°	428.9	380.7	321.7	273.4	235.9	187.7	139.4	101.9	75.1	48.3	26.8
-2.5°	432.8	382.0	329.1	278.5	240.4	193.3	145.9	105.4	77.1	51.0	28.4
-5°	434.4	381.8	334.6	282.4	243.6	197.8	151.4	108.2	78.6	53.4	29.9
-7.5°	436.8	383.6	337.5	285.4	245.8	201.2	155.6	110.3	79.8	55.3	31.2
-10°	437.8	385.4	338.3	289.2	247.6	203.7	158.3	111.7	80.7	56.7	32.3
-12.5°	436.6	385.2	338.1	291.3	248.4	205.2	159.7	113.7	81.5	57.5	33.3
-15°	433.1	382.9	337.3	291.5	248.3	205.7	160.2	115.7	83.1	57.7	34.2
-17.5°	427.8	378.5	336.1	289.8	247.3	205.4	159.7	116.6	83.9	57.3	35.0
-20°	422.5	374.4	334.3	285.9	245.4	204.3	158.3	116.4	83.9	56.5	35.7



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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°	415.5	370.6	328.4	282.0	242.8	202.4	156.1	115.0	82.9	55.2	36.1
-25°	406.7	364.9	321.6	279.0	239.4	198.6	153.5	112.5	81.0	53.5	36.3
-27.5°	397.9	357.0	314.4	274.8	234.7	194.0	150.1	110.1	78.2	51.4	36.2
-30°	387.7	348.2	308.2	269.1	228.2	187.5	145.1	106.4	75.3	50.3	35.8
-32.5°	376.5	339.3	301.1	260.5	220.1	180.2	138.9	101.3	72.0	49.7	35.4
-35°	365.2	329.4	292.5	249.7	211.2	172.3	132.5	94.9	68.2	48.7	34.9
-37.5°	352.0	317.1	278.7	238.2	201.8	163.9	126.5	91.2	63.9	47.3	34.3
-40°	336.8	302.0	262.9	227.4	191.9	154.9	120.1	87.8	61.2	45.5	33.4
-42.5°	319.9	285.2	250.3	216.3	181.5	147.3	113.5	83.7	59.9	44.0	32.5
-45°	302.5	269.9	238.4	204.8	171.1	139.3	107.9	79.1	58.1	42.7	31.5
-47.5°	286.3	257.0	225.4	192.5	162.0	131.2	101.4	76.1	55.6	41.3	30.4
-50°	272.5	242.8	211.3	180.1	151.3	122.8	94.7	72.2	53.5	39.7	29.1
-52.5°	256.7	226.7	195.8	166.4	139.9	113.5	88.9	67.5	50.5	37.7	27.5
-55°	237.9	208.1	178.6	152.7	128.0	104.7	82.2	62.6	46.8	35.5	25.7
-57.5°	215.9	187.0	162.8	139.3	116.1	94.9	74.7	56.7	43.4	32.9	23.6
-60°	193.3	169.9	147.7	124.8	103.4	84.2	66.1	50.8	39.9	30.1	21.4
-62.5°	173.2	151.8	130.0	109.0	90.4	73.0	57.3	46.2	36.1	27.0	18.9
-65°	150.7	130.4	110.9	93.7	77.1	62.5	51.5	41.3	32.0	23.6	16.6
-67.5°	126.5	110.3	93.8	78.1	65.9	55.2	45.2	36.0	27.6	20.0	15.3
-70°	106.8	91.7	78.2	67.1	56.9	47.4	38.5	30.4	22.9	17.9	13.8
-72.5°	88.2	76.5	65.9	56.4	47.5	39.2	31.5	24.9	19.9	15.7	12.1
-75°	70.3	61.8	53.4	45.2	37.8	31.0	25.9	21.0	16.8	13.3	10.6
-77.5°	56.3	48.7	41.1	35.2	30.6	26.0	21.3	16.9	14.0	11.5	9.1
-80°	43.3	38.1	33.4	29.4	25.2	21.0	17.3	14.2	12.0	9.8	7.6
-82.5°	31.2	28.4	25.9	23.6	20.3	17.2	14.5	12.0	10.1	8.1	6.0
-85°	21.2	19.9	18.7	17.6	15.4	13.3	11.1	9.0	7.1	5.5	4.0
-87.5°	10.9	10.3	9.8	9.2	7.9	6.7	5.6	4.5	3.6	2.7	2.0
-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):

	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°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.6	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.7	0.0
72.5°	0.3	0.8	0.6	0.0	0.1	0.8	0.0
70°	0.6	1.2	1.1	0.1	0.2	1.0	0.0
67.5°	1.9	1.7	1.6	0.6	0.3	1.1	0.0
65°	3.1	2.3	2.2	1.2	0.4	1.2	0.0
62.5°	4.2	3.1	2.8	1.7	0.6	1.4	0.0
60°	5.3	3.8	3.4	2.3	0.7	1.5	0.0
57.5°	5.4	4.4	3.8	2.8	1.2	1.7	0.0
55°	5.4	5.0	4.2	3.4	1.6	1.8	0.0
52.5°	5.4	5.4	4.5	4.0	2.0	2.0	0.0
50°	5.4	5.4	4.8	4.6	2.4	2.1	0.0
47.5°	5.4	5.4	5.0	5.1	2.8	2.3	0.0
45°	5.4	5.4	5.2	5.2	3.2	2.5	0.0
42.5°	5.4	5.4	5.3	5.4	3.5	2.6	0.0
40°	5.4	5.4	5.4	5.4	3.8	2.8	0.0
37.5°	5.4	5.4	5.4	5.4	4.0	3.0	0.0
35°	5.4	5.4	5.4	5.4	4.3	3.2	0.0
32.5°	5.6	5.4	5.4	5.4	4.5	3.3	0.0
30°	6.1	5.4	5.4	5.4	4.7	3.5	0.0
27.5°	6.7	5.4	5.4	5.4	4.8	3.7	0.0
25°	7.3	5.4	5.4	5.4	5.0	3.9	0.0
22.5°	8.0	5.5	5.4	5.4	5.1	4.0	0.0
20°	8.7	5.9	5.4	5.4	5.2	4.2	0.0
17.5°	9.6	6.4	5.4	5.4	5.2	4.4	0.0
15°	10.7	6.9	5.4	5.4	5.3	4.5	0.0
12.5°	11.7	7.5	5.4	5.4	5.3	4.7	0.0
10°	12.7	8.1	5.4	5.4	5.4	4.9	0.0
7.5°	13.7	8.8	5.4	5.4	5.4	5.0	0.0
5°	14.5	9.4	5.4	5.4	5.4	5.1	0.0
2.5°	15.3	10.1	5.4	5.4	5.4	5.3	0.0
0°	16.1	10.7	5.4	5.4	5.4	5.4	0.0
-2.5°	17.5	11.3	5.9	5.4	5.4	5.4	0.0
-5°	18.8	11.8	6.3	5.4	5.4	5.4	0.0
-7.5°	20.0	12.3	6.7	5.4	5.4	5.4	0.0
-10°	21.0	12.7	7.1	5.4	5.4	5.3	0.0
-12.5°	21.9	13.0	7.5	5.4	5.4	5.3	0.0
-15°	22.6	13.3	7.8	5.4	5.4	5.2	0.0
-17.5°	23.0	13.6	8.0	5.4	5.4	5.1	0.0
-20°	23.4	13.7	8.2	5.4	5.4	5.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.6	13.9	8.2	5.4	5.4	5.0	0.0
-25°	23.8	14.2	8.2	5.4	5.4	4.9	0.0
-27.5°	23.8	14.6	8.1	5.4	5.4	4.8	0.0
-30°	23.7	14.8	7.9	5.4	5.4	4.7	0.0
-32.5°	23.4	14.9	7.9	5.4	5.4	4.6	0.0
-35°	23.3	14.9	7.8	5.4	5.4	4.4	0.0
-37.5°	23.2	14.7	7.6	5.4	5.4	4.3	0.0
-40°	22.9	14.4	7.3	5.4	5.4	4.1	0.0
-42.5°	22.4	14.0	7.3	5.5	5.4	4.0	0.0
-45°	21.8	13.4	7.5	5.6	5.4	3.8	0.0
-47.5°	20.9	12.7	7.6	5.7	5.4	3.6	0.0
-50°	19.8	11.9	7.6	5.8	5.4	3.5	0.0
-52.5°	18.6	11.0	7.7	5.8	5.4	3.3	0.0
-55°	17.1	10.6	7.6	5.8	5.4	3.1	0.0
-57.5°	15.5	10.4	7.5	5.8	5.4	2.9	0.0
-60°	13.9	10.0	7.3	5.8	5.4	2.7	0.0
-62.5°	13.2	9.6	7.1	5.7	5.0	2.5	0.0
-65°	12.4	9.1	6.9	5.7	4.6	2.3	0.0
-67.5°	11.4	8.5	6.6	5.5	4.1	2.1	0.0
-70°	10.4	7.9	6.2	5.4	3.7	1.8	0.0
-72.5°	9.3	7.2	5.9	4.9	3.2	1.6	0.0
-75°	8.1	6.5	5.5	4.2	2.8	1.4	0.0
-77.5°	6.9	5.7	4.7	3.5	2.3	1.2	0.0
-80°	5.6	4.7	3.7	2.8	1.9	0.9	0.0
-82.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-85°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-87.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)