

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



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

Brand: McGRAW-EDISON

Report Number: P626958 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2D-727-U-NR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626958 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-727-U-NR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	11827.6 lumens	Max Intensity:	119891.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		

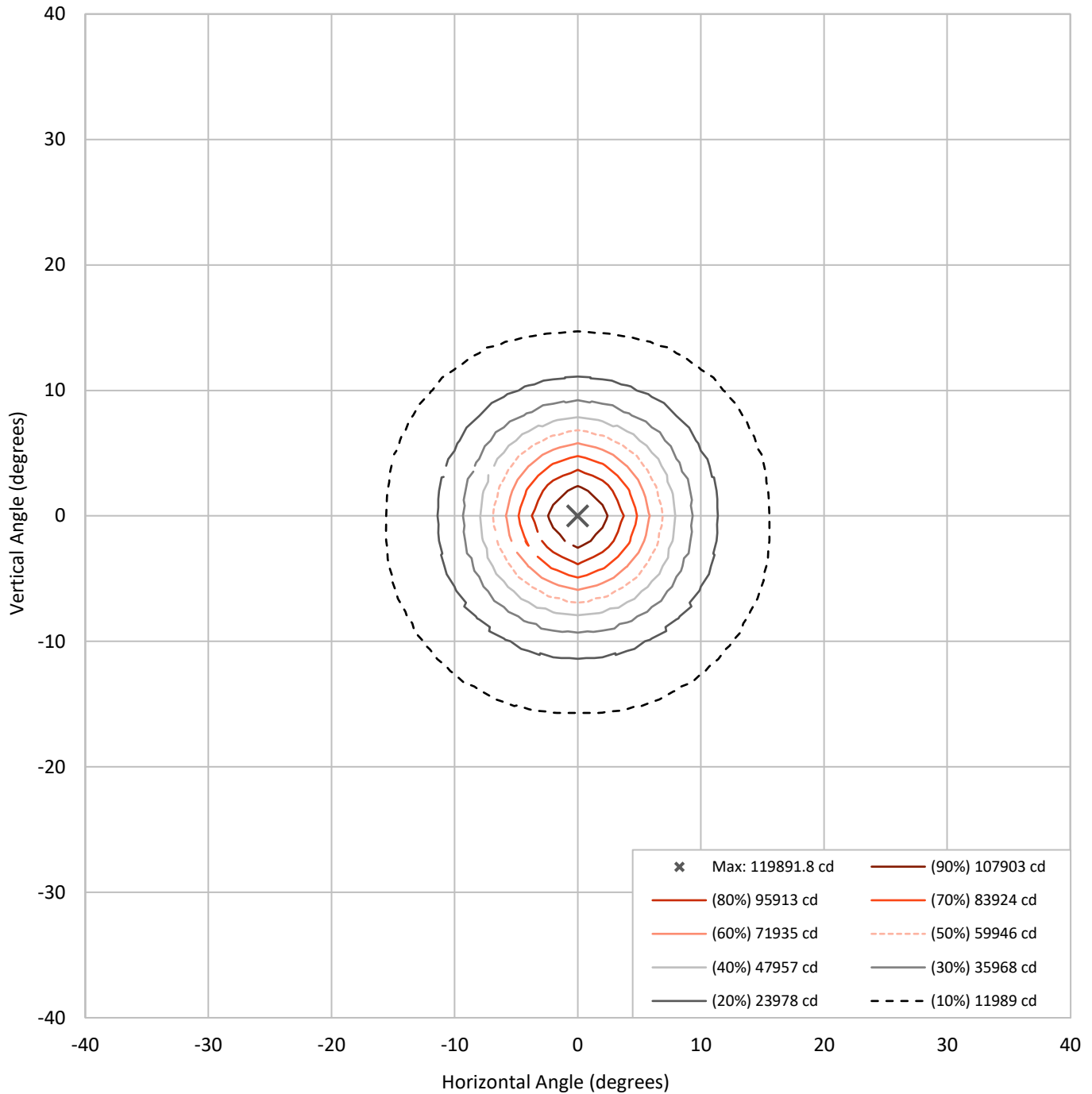
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	3775.9 lumens	Field Lumens:	8410.1 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%

Input Watts (W): 108.74
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





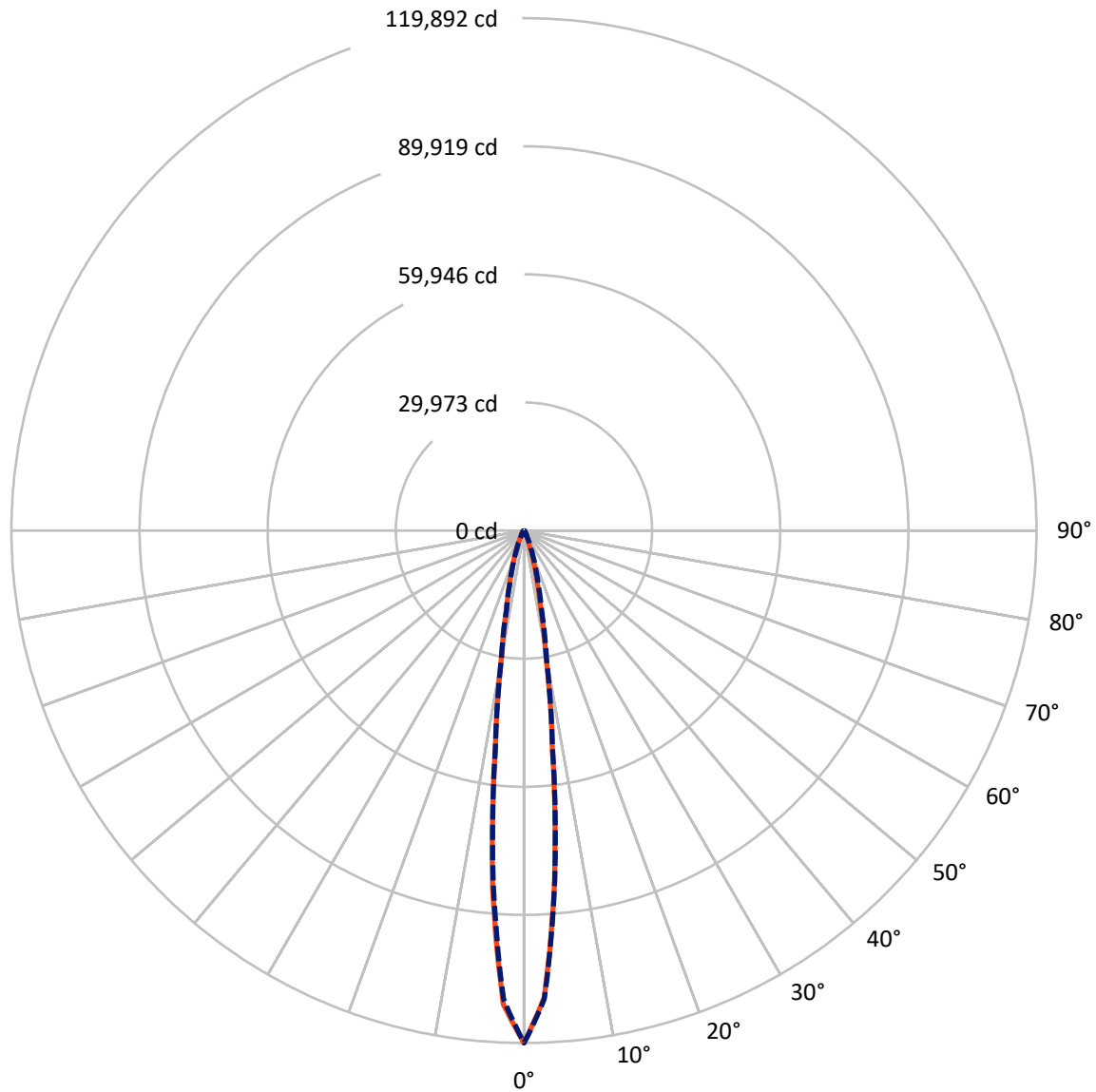
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Lumen Table

90																			
80	0.0	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																			
60	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
50		0.0	0.1	0.3	0.7	1.1	1.4	1.7	1.7	1.4	1.1	0.7	0.3	0.1	0.0				
40	0.1	0.1	0.4	1.0	1.9	2.8	4.0	4.7	4.7	4.0	2.8	1.9	1.0	0.4	0.1	0.1			
30		0.2	0.8	2.0	3.6	5.7	9.6	12.2	12.2	9.6	5.7	3.6	2.0	0.8	0.2				
20	0.1	0.3	1.3	3.0	5.5	12.0	32.1	53.2	53.2	32.1	12.0	5.5	3.0	1.3	0.3	0.1			
10		0.5	1.8	4.2	9.2	36.0	151.6	333.3	333.3	151.6	36.0	9.2	4.2	1.8	0.5				
0	0.2	0.6	2.2	4.9	12.4	67.5	363.3	1629.3	1629.3	363.3	67.5	12.4	4.9	2.2	0.6	0.2			
-10		0.7	2.4	5.2	13.3	71.9	376.0	1657.0	1657.0	376.0	71.9	13.3	5.2	2.4	0.7				
-20	0.2	0.8	2.4	5.1	11.7	45.8	182.5	390.4	390.4	182.5	45.8	11.7	5.1	2.4	0.8	0.2			
-30		0.7	2.3	4.7	9.0	21.4	56.2	93.7	93.7	56.2	21.4	9.0	4.7	2.3	0.7				
-40	0.2	0.6	2.1	4.2	7.1	11.7	19.1	24.3	24.3	19.1	11.7	7.1	4.2	2.1	0.6	0.2			
-50		0.5	1.7	3.5	5.7	8.2	11.0	12.3	12.3	11.0	8.2	5.7	3.5	1.7	0.5				
-60	0.1	0.4	1.3	2.7	4.5	6.3	8.0	8.7	8.7	8.0	6.3	4.5	2.7	1.3	0.4	0.1			
-70		0.3	0.8	1.8	3.0	4.4	5.6	6.1	6.1	5.6	4.4	3.0	1.8	0.8	0.3				
-80	0.1	0.7	3.0	6.5	8.3	6.5	3.0	0.7	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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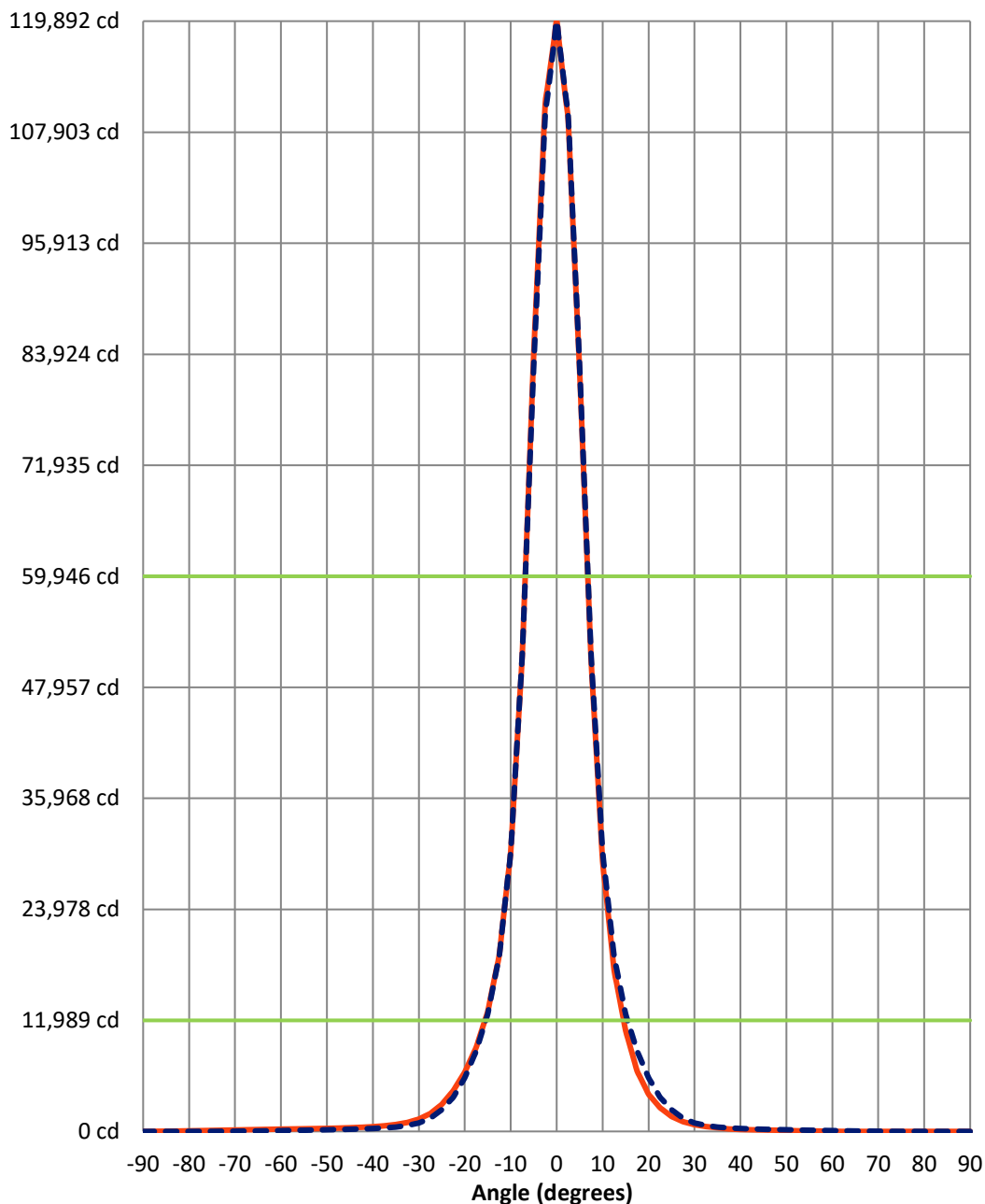
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
H Angle: 13.6°
V Angle: 13.6°
Lumens: 3775.9
Efficiency: 31.9%

Field:
H Angle: 30.9°
V Angle: 30.2°
Lumens: 8410.1
Efficiency: 71.1%

Spill:
Lumens: 3417.4
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.3	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.2	0.1
72.5°	0.0	0.4	0.1	0.0	0.3	0.4	0.1	0.2	0.5	0.6	0.2
70°	0.0	0.5	0.1	0.0	0.5	0.6	0.3	0.8	1.1	0.9	0.3
67.5°	0.0	0.5	0.1	0.3	0.8	0.8	0.9	1.4	1.6	1.0	0.4
65°	0.0	0.6	0.2	0.5	1.0	1.1	1.4	2.1	1.7	1.1	0.8
62.5°	0.0	0.6	0.3	0.8	1.3	1.4	2.0	2.3	1.8	1.3	1.6
60°	0.0	0.7	0.3	1.1	1.6	1.7	2.4	2.4	1.9	1.8	2.3
57.5°	0.0	0.8	0.5	1.3	1.8	2.0	2.5	2.5	2.1	2.2	2.5
55°	0.0	0.8	0.8	1.6	1.9	2.3	2.5	2.5	2.3	2.5	2.5
52.5°	0.0	0.9	0.9	1.9	2.1	2.5	2.5	2.5	2.4	2.5	2.5
50°	0.0	1.0	1.1	2.1	2.2	2.5	2.5	2.5	2.5	2.5	2.9
47.5°	0.0	1.1	1.3	2.4	2.3	2.5	2.5	2.5	2.5	2.5	3.5
45°	0.0	1.1	1.5	2.4	2.4	2.5	2.5	2.5	2.6	3.1	4.2
42.5°	0.0	1.2	1.6	2.5	2.5	2.5	2.5	2.6	2.8	3.9	5.6
40°	0.0	1.3	1.7	2.5	2.5	2.5	2.5	2.8	3.2	4.7	7.3
37.5°	0.0	1.4	1.9	2.5	2.5	2.5	2.5	3.1	4.1	5.9	9.0
35°	0.0	1.5	2.0	2.5	2.5	2.5	2.5	3.4	5.1	7.5	11.0
32.5°	0.0	1.5	2.1	2.5	2.5	2.5	2.6	3.7	6.1	9.0	13.6
30°	0.0	1.6	2.2	2.5	2.5	2.5	2.8	4.2	7.1	10.5	16.5
27.5°	0.0	1.7	2.2	2.5	2.5	2.5	3.1	5.1	8.2	12.0	19.5
25°	0.0	1.8	2.3	2.5	2.5	2.5	3.4	5.9	9.4	14.1	22.8
22.5°	0.0	1.9	2.4	2.5	2.5	2.5	3.8	6.7	10.6	16.6	26.7
20°	0.0	1.9	2.4	2.5	2.5	2.7	4.1	7.5	11.6	19.2	30.3
17.5°	0.0	2.0	2.4	2.5	2.5	3.0	4.6	8.3	12.6	21.8	33.5
15°	0.0	2.1	2.5	2.5	2.5	3.2	5.1	9.1	13.6	24.4	36.5
12.5°	0.0	2.2	2.5	2.5	2.5	3.5	5.6	9.9	14.9	26.9	39.1
10°	0.0	2.2	2.5	2.5	2.5	3.8	6.0	10.6	16.5	29.2	41.4
7.5°	0.0	2.3	2.5	2.5	2.5	4.2	6.5	11.2	18.1	31.2	43.5
5°	0.0	2.4	2.5	2.5	2.5	4.5	6.9	11.8	19.8	32.9	45.3
2.5°	0.0	2.4	2.5	2.5	2.5	4.8	7.3	12.3	21.3	34.3	46.9
0°	0.0	2.5	2.5	2.5	2.5	5.1	7.6	12.7	22.8	35.5	48.2
-2.5°	0.0	2.5	2.5	2.5	2.7	5.4	8.3	13.5	24.1	36.4	49.8
-5°	0.0	2.5	2.5	2.5	3.0	5.6	8.9	14.2	25.2	37.2	51.2
-7.5°	0.0	2.5	2.5	2.5	3.2	5.8	9.5	14.8	26.2	37.8	52.2
-10°	0.0	2.5	2.5	2.5	3.4	6.0	10.0	15.3	26.9	38.2	52.8
-12.5°	0.0	2.4	2.5	2.5	3.5	6.2	10.4	15.8	27.3	38.6	53.8
-15°	0.0	2.4	2.5	2.5	3.7	6.3	10.7	16.2	27.4	39.3	54.7
-17.5°	0.0	2.4	2.5	2.5	3.8	6.4	10.9	16.6	27.2	39.7	55.1
-20°	0.0	2.3	2.5	2.5	3.9	6.5	11.1	16.9	26.8	39.7	55.1

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.3	2.5	2.5	3.9	6.6	11.2	17.1	26.2	39.3	54.4
-25°	0.0	2.3	2.5	2.5	3.9	6.7	11.3	17.2	25.4	38.3	53.2
-27.5°	0.0	2.2	2.5	2.5	3.8	6.9	11.3	17.1	24.4	37.0	52.1
-30°	0.0	2.2	2.5	2.5	3.7	7.0	11.2	16.9	23.8	35.7	50.3
-32.5°	0.0	2.1	2.5	2.5	3.7	7.1	11.1	16.7	23.5	34.1	47.9
-35°	0.0	2.0	2.5	2.5	3.7	7.1	11.1	16.5	23.0	32.3	44.9
-37.5°	0.0	2.0	2.5	2.5	3.6	7.0	11.0	16.2	22.4	30.3	43.2
-40°	0.0	1.9	2.5	2.5	3.4	6.8	10.9	15.8	21.5	29.0	41.6
-42.5°	0.0	1.8	2.5	2.5	3.4	6.6	10.6	15.4	20.8	28.4	39.6
-45°	0.0	1.8	2.5	2.6	3.5	6.4	10.3	14.9	20.2	27.5	37.5
-47.5°	0.0	1.7	2.5	2.6	3.5	6.0	9.9	14.4	19.5	26.3	36.0
-50°	0.0	1.6	2.5	2.7	3.6	5.6	9.4	13.8	18.8	25.3	34.1
-52.5°	0.0	1.5	2.5	2.7	3.6	5.1	8.8	13.0	17.9	23.9	31.9
-55°	0.0	1.4	2.5	2.7	3.6	5.0	8.1	12.2	16.8	22.1	29.6
-57.5°	0.0	1.3	2.5	2.7	3.5	4.9	7.3	11.2	15.6	20.5	26.8
-60°	0.0	1.2	2.5	2.7	3.5	4.7	6.6	10.1	14.2	18.9	24.0
-62.5°	0.0	1.2	2.3	2.7	3.3	4.5	6.2	8.9	12.8	17.1	21.9
-65°	0.0	1.1	2.1	2.6	3.2	4.3	5.9	7.9	11.2	15.1	19.5
-67.5°	0.0	1.0	1.9	2.6	3.1	4.0	5.4	7.2	9.5	13.1	17.0
-70°	0.0	0.9	1.7	2.5	2.9	3.7	4.9	6.5	8.5	10.9	14.4
-72.5°	0.0	0.8	1.5	2.2	2.7	3.4	4.4	5.8	7.4	9.4	11.8
-75°	0.0	0.6	1.3	1.9	2.5	3.0	3.8	5.0	6.3	8.0	9.9
-77.5°	0.0	0.5	1.1	1.6	2.2	2.6	3.2	4.3	5.5	6.6	8.0
-80°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.6	4.7	5.7	6.7
-82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.8	3.8	4.8	5.7
-85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.9	2.6	3.4	4.3
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.3	1.7	2.2
-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):

	-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	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.7	0.8	0.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.2	1.6	1.2	0.7	0.0	0.6	0.8	0.7	0.1	0.0	0.0
62.5°	2.3	2.0	1.4	1.0	1.4	1.9	1.5	0.9	0.2	1.2	1.8
60°	2.5	2.1	1.8	2.0	2.5	2.2	1.6	2.5	3.7	4.7	5.7
57.5°	2.5	2.3	2.3	2.7	2.8	2.8	4.4	6.0	8.4	10.5	11.9
55°	2.6	2.5	2.8	3.4	4.3	6.0	8.3	11.7	14.4	18.6	22.2
52.5°	2.9	2.8	3.9	5.2	7.7	10.5	14.4	19.2	24.6	28.7	33.0
50°	3.3	4.2	5.4	8.7	12.1	16.5	23.0	30.0	34.5	39.1	45.3
47.5°	4.5	5.8	8.9	12.7	17.6	24.7	33.6	38.6	43.1	50.3	58.1
45°	6.1	8.7	12.6	17.8	24.6	34.4	41.4	45.6	53.4	61.7	70.5
42.5°	7.8	11.9	17.2	22.8	33.5	42.8	49.2	55.7	63.6	73.4	82.9
40°	10.6	15.2	22.4	31.1	42.0	51.1	59.0	66.5	74.3	87.1	97.2
37.5°	13.4	20.1	28.2	39.1	50.4	60.3	69.2	78.6	89.7	104.1	113.2
35°	16.1	25.2	35.2	46.7	58.7	69.9	80.6	91.6	106.0	119.6	130.5
32.5°	20.0	30.4	41.6	54.1	66.5	79.2	92.1	105.3	119.5	133.4	147.7
30°	24.8	36.0	47.8	61.2	73.6	88.3	103.3	117.3	131.5	146.2	162.4
27.5°	29.6	41.2	54.0	67.5	80.5	97.3	113.5	128.0	142.7	158.5	176.8
25°	34.1	46.4	59.8	73.1	88.4	106.4	124.1	141.0	153.4	171.4	192.8
22.5°	38.4	51.5	66.0	78.2	96.0	115.6	136.2	154.4	169.0	185.1	209.5
20°	42.7	56.8	71.7	85.4	103.6	124.7	149.2	167.9	186.1	206.8	231.7
17.5°	46.7	61.7	77.3	93.6	112.9	134.7	162.5	181.6	203.3	228.1	259.4
15°	50.6	66.3	83.0	101.2	121.2	144.7	171.6	195.3	221.3	249.9	286.9
12.5°	54.2	70.4	88.6	108.3	128.5	153.3	179.1	204.4	234.3	271.7	318.3
10°	57.5	74.2	94.0	114.8	134.9	160.6	185.8	212.1	243.7	284.7	338.1
7.5°	60.2	78.0	99.2	120.7	140.4	166.6	191.5	218.4	251.5	295.5	351.4
5°	62.5	82.0	103.9	124.5	145.0	171.8	196.3	223.5	257.7	303.9	360.9
2.5°	64.5	85.6	108.1	127.3	149.0	176.5	200.2	229.1	264.0	310.4	369.8
0°	66.0	88.8	111.7	129.4	152.3	180.2	203.0	233.5	269.0	314.7	378.1
-2.5°	69.1	91.5	113.8	131.8	155.8	180.8	204.9	234.1	270.9	318.0	379.7
-5°	71.7	93.6	115.4	133.6	158.4	180.7	205.6	233.6	271.6	319.9	382.4
-7.5°	73.7	95.3	116.4	135.1	159.8	181.5	206.8	235.4	273.5	321.6	386.0
-10°	74.9	96.4	117.2	136.9	160.1	182.4	207.2	235.8	273.2	320.5	384.0
-12.5°	75.6	97.1	117.6	137.9	160.0	182.3	206.6	234.7	270.4	316.5	376.2
-15°	75.8	97.4	117.6	138.0	159.6	181.2	205.0	232.0	265.4	309.7	363.9
-17.5°	75.6	97.2	117.1	137.1	159.1	179.1	202.5	228.5	260.3	301.7	353.9
-20°	74.9	96.7	116.2	135.3	158.3	177.2	200.0	225.1	255.0	292.5	339.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626958 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-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°	73.9	95.8	114.9	133.5	155.4	175.4	196.6	220.6	247.4	281.3	322.8
-25°	72.6	94.0	113.3	132.0	152.2	172.7	192.5	215.2	239.9	272.5	309.8
-27.5°	71.0	91.8	111.1	130.1	148.8	169.0	188.3	209.8	234.2	263.0	296.3
-30°	68.7	88.7	108.0	127.4	145.9	164.8	183.5	203.9	226.9	254.1	284.8
-32.5°	65.7	85.3	104.2	123.3	142.5	160.6	178.2	197.8	219.4	243.3	272.5
-35°	62.7	81.5	100.0	118.2	138.5	155.9	172.8	190.8	211.0	233.1	257.0
-37.5°	59.9	77.5	95.5	112.7	131.9	150.1	166.6	183.7	202.2	222.6	244.3
-40°	56.8	73.3	90.8	107.6	124.5	142.9	159.4	175.9	193.1	213.5	232.8
-42.5°	53.7	69.7	85.9	102.3	118.5	135.0	151.4	167.3	185.3	204.6	223.6
-45°	51.1	65.9	80.9	96.9	112.8	127.8	143.2	158.0	176.4	195.6	214.2
-47.5°	48.0	62.1	76.6	91.1	106.7	121.6	135.5	150.5	166.1	184.3	203.7
-50°	44.8	58.1	71.6	85.2	100.0	114.9	129.0	142.9	157.6	172.5	189.3
-52.5°	42.1	53.7	66.2	78.7	92.7	107.3	121.5	135.4	149.0	163.0	177.3
-55°	38.9	49.6	60.6	72.3	84.5	98.5	112.6	126.1	140.0	153.1	167.1
-57.5°	35.3	44.9	54.9	65.9	77.1	88.5	102.2	115.7	128.7	141.9	156.4
-60°	31.3	39.9	49.0	59.1	70.0	80.5	91.5	104.0	116.6	129.1	142.5
-62.5°	27.1	34.6	42.8	51.6	61.6	71.9	82.0	92.6	103.9	114.9	126.4
-65°	24.3	29.6	36.5	44.3	52.5	61.8	71.3	81.1	91.1	100.4	109.3
-67.5°	21.4	26.1	31.2	37.0	44.4	52.2	59.9	68.6	77.6	86.1	94.4
-70°	18.2	22.4	26.9	31.8	37.1	43.5	50.6	57.6	64.5	71.6	79.4
-72.5°	14.9	18.6	22.5	26.7	31.2	36.2	41.8	47.8	53.9	59.8	65.8
-75°	12.3	14.7	17.9	21.4	25.3	29.2	33.2	38.0	43.2	48.4	53.4
-77.5°	10.1	12.3	14.5	16.7	19.5	23.1	26.6	30.1	33.7	37.7	41.9
-80°	8.2	9.9	11.9	14.0	15.9	18.0	20.5	23.3	25.8	28.4	31.3
-82.5°	6.9	8.2	9.6	11.2	12.3	13.4	14.7	16.3	18.0	19.8	21.6
-85°	5.3	6.3	7.3	8.3	8.8	9.4	10.0	10.7	11.8	12.9	14.0
-87.5°	2.6	3.2	3.7	4.4	4.6	4.9	5.1	5.4	6.1	6.8	7.6
-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: P626958 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-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°	0.1	0.0	0.0	0.0	0.0	0.5	0.6	0.5	0.2	0.0	0.0
62.5°	1.5	1.2	2.0	2.6	2.9	2.8	2.6	2.3	2.0	1.8	2.0
60°	6.1	6.0	8.3	9.5	8.6	6.1	9.6	11.3	10.8	9.3	9.2
57.5°	14.9	18.1	20.4	21.4	24.8	30.3	31.3	29.5	28.8	29.4	34.0
55°	25.8	28.4	29.8	34.4	38.4	41.4	43.1	44.9	47.5	50.7	54.0
52.5°	36.5	40.1	42.8	46.9	51.8	53.5	53.0	59.3	64.2	67.4	68.6
50°	50.1	54.6	60.9	67.4	70.2	72.9	75.8	80.9	88.4	97.8	103.1
47.5°	64.8	71.8	78.4	85.8	89.6	92.4	96.7	105.7	116.4	126.5	131.7
45°	78.0	84.2	91.8	98.2	102.8	108.4	114.7	122.8	134.7	145.3	152.5
42.5°	88.6	95.7	103.5	111.2	115.9	123.4	132.9	143.9	156.5	167.4	175.5
40°	103.6	109.5	121.9	129.2	131.1	138.1	157.1	172.2	186.4	199.8	206.6
37.5°	121.5	133.1	146.0	152.7	159.2	171.6	197.1	221.4	239.5	257.7	267.7
35°	142.0	157.2	174.8	182.6	196.6	223.8	253.7	287.5	329.7	347.4	363.5
32.5°	161.8	178.8	195.1	212.7	237.2	269.7	303.3	358.2	409.6	449.3	478.4
30°	179.4	197.5	217.6	240.3	274.8	319.6	375.7	446.8	519.2	582.4	635.8
27.5°	196.9	217.4	241.3	275.1	323.7	384.5	474.2	575.6	696.4	785.4	891.7
25°	216.0	239.4	270.1	319.1	384.8	475.6	618.9	783.7	981.7	1142.3	1310.3
22.5°	238.5	273.2	312.1	366.8	481.4	631.1	826.9	1108.5	1413.1	1694.8	1966.0
20°	265.8	313.2	375.7	476.3	623.5	844.8	1185.0	1634.4	2082.4	2559.5	3018.8
17.5°	304.7	373.1	470.1	613.3	807.3	1245.1	1797.1	2492.2	3385.1	4194.4	4900.9
15°	341.3	422.9	576.1	790.2	1128.5	1708.8	2547.2	3694.4	5086.1	6354.5	7694.0
12.5°	379.6	476.0	651.9	924.6	1394.6	2150.1	3328.3	4900.2	6642.9	8554.3	10731.7
10°	410.0	527.0	737.7	1083.4	1662.8	2603.6	4006.9	5913.3	8229.0	11057.9	14538.5
7.5°	430.5	567.9	808.5	1199.7	1909.6	3067.3	4756.7	7048.1	9943.1	13690.8	18561.1
5°	446.5	599.1	861.7	1305.7	2118.4	3421.3	5312.2	8041.8	11466.5	16487.8	24741.4
2.5°	459.4	623.0	894.6	1378.6	2249.5	3667.8	5684.9	8604.0	12373.3	18555.6	29263.7
0°	469.5	644.6	916.1	1423.7	2349.9	3692.4	5801.2	8706.9	12698.7	18928.8	30236.9
-2.5°	473.7	656.1	923.5	1433.5	2339.8	3734.7	5836.7	8789.1	12686.5	18724.3	29149.9
-5°	480.9	655.9	917.9	1423.4	2287.4	3625.3	5604.9	8329.2	11921.2	17113.9	25655.4
-7.5°	486.0	645.5	891.4	1359.0	2150.1	3388.8	5197.6	7567.3	10528.1	14470.9	19761.0
-10°	481.3	625.4	847.0	1250.8	1936.6	3009.3	4578.3	6561.4	9022.2	11944.1	15538.3
-12.5°	463.2	588.3	774.7	1099.2	1660.1	2584.3	3955.1	5643.7	7465.0	9517.0	12000.7
-15°	440.3	548.4	709.6	995.2	1455.1	2163.0	3163.9	4533.6	5994.7	7552.7	9214.2
-17.5°	422.5	513.3	646.8	853.6	1191.8	1754.7	2541.2	3514.3	4587.9	5774.2	6758.7
-20°	398.3	470.1	582.2	751.0	1009.1	1382.1	1954.8	2661.8	3370.3	4204.3	4884.4

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Scaled Data Report



REPORT NUMBER: P626958 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-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°	374.1	436.7	522.0	645.5	837.5	1119.3	1473.2	1945.2	2463.4	2942.1	3413.3
-25°	351.7	399.8	468.9	570.2	700.5	892.8	1144.7	1415.5	1757.0	2048.4	2371.8
-27.5°	333.5	374.9	425.8	500.1	601.2	724.9	905.2	1086.7	1266.3	1413.4	1636.0
-30°	316.0	349.3	391.8	444.9	520.6	615.9	733.0	850.7	954.4	1048.9	1164.9
-32.5°	298.7	325.9	358.5	402.5	456.9	528.5	600.4	684.8	756.9	823.4	884.9
-35°	281.5	305.6	330.5	367.6	410.9	461.8	514.1	571.3	621.2	666.0	705.6
-37.5°	265.9	287.1	310.5	338.1	373.1	411.4	454.1	495.6	528.5	557.6	581.6
-40°	252.8	272.0	292.1	314.2	340.8	371.0	407.3	441.8	464.9	482.7	497.3
-42.5°	241.1	258.0	275.0	293.8	314.2	340.4	369.0	397.6	413.2	427.0	437.5
-45°	231.6	244.6	258.9	275.0	293.1	315.0	337.5	357.2	371.1	382.9	391.7
-47.5°	219.1	231.7	244.1	257.3	274.1	292.4	311.0	326.2	338.4	348.7	355.4
-50°	205.4	218.6	230.0	241.6	257.1	272.6	287.5	300.1	311.7	321.8	327.1
-52.5°	191.2	205.3	217.3	228.6	241.6	255.1	268.7	279.4	289.6	299.1	303.1
-55°	181.0	194.0	206.3	217.0	227.7	238.6	249.6	260.7	270.8	279.8	282.5
-57.5°	169.9	183.2	195.4	205.0	214.6	224.4	234.5	244.5	254.2	262.9	265.1
-60°	156.4	170.8	181.6	190.7	200.1	209.7	218.5	227.5	236.5	244.0	246.5
-62.5°	139.2	152.3	163.0	172.6	181.7	190.1	198.6	207.0	215.1	221.1	223.0
-65°	118.7	129.8	140.9	150.8	159.8	167.9	175.8	183.4	190.8	196.0	198.6
-67.5°	102.5	110.5	119.4	127.9	136.9	145.2	152.4	159.1	165.4	169.9	172.6
-70°	86.9	94.5	102.8	110.9	118.8	125.5	131.2	136.8	142.1	146.1	149.0
-72.5°	71.9	78.4	85.3	92.5	99.6	105.8	111.0	115.9	120.6	124.0	126.7
-75°	58.4	63.7	69.6	75.4	81.2	86.0	90.4	94.6	98.8	101.7	104.2
-77.5°	46.3	50.8	55.4	60.0	64.5	68.1	71.3	74.4	77.4	79.8	82.0
-80°	34.4	37.9	41.5	45.2	48.8	51.5	53.9	56.2	58.3	59.7	60.9
-82.5°	23.5	26.0	28.5	31.1	33.6	35.6	37.5	39.4	41.2	41.9	42.3
-85°	15.0	16.2	17.6	18.9	20.4	21.5	22.6	23.6	24.5	25.4	26.2
-87.5°	8.3	8.6	8.8	9.0	9.2	10.0	10.8	11.5	12.3	12.4	12.5
-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: P626958 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0.2	0.5
62.5°	2.2	2.4	2.5	2.5	2.5	2.4	2.2	2.0	1.8	2.0	2.3
60°	8.7	7.7	7.5	7.6	7.5	7.7	8.7	9.2	9.3	10.8	11.3
57.5°	38.6	42.9	44.1	43.1	44.1	42.9	38.6	34.0	29.4	28.8	29.5
55°	56.2	57.6	58.2	58.4	58.2	57.6	56.2	54.0	50.7	47.5	44.9
52.5°	68.9	68.4	68.3	68.5	68.3	68.4	68.9	68.6	67.4	64.2	59.3
50°	103.6	101.6	100.9	101.5	100.9	101.6	103.6	103.1	97.8	88.4	80.9
47.5°	132.4	132.9	133.8	134.5	133.8	132.9	132.4	131.7	126.5	116.4	105.7
45°	154.6	155.9	156.8	157.3	156.8	155.9	154.6	152.5	145.3	134.7	122.8
42.5°	177.3	177.4	177.1	177.6	177.1	177.4	177.3	175.5	167.4	156.5	143.9
40°	209.3	209.9	209.2	208.1	209.2	209.9	209.3	206.6	199.8	186.4	172.2
37.5°	273.5	274.4	271.4	269.0	271.4	274.4	273.5	267.7	257.7	239.5	221.4
35°	378.2	389.0	394.2	395.9	394.2	389.0	378.2	363.5	347.4	329.7	287.5
32.5°	498.4	513.5	521.1	527.8	521.1	513.5	498.4	478.4	449.3	409.6	358.2
30°	670.8	698.7	710.9	728.3	710.9	698.7	670.8	635.8	582.4	519.2	446.8
27.5°	951.9	1000.9	1028.0	1053.2	1028.0	1000.9	951.9	891.7	785.4	696.4	575.6
25°	1432.4	1526.7	1587.7	1616.5	1587.7	1526.7	1432.4	1310.3	1142.3	981.7	783.7
22.5°	2228.4	2402.2	2536.2	2563.1	2536.2	2402.2	2228.4	1966.0	1694.8	1413.1	1108.5
20°	3464.4	3713.1	3915.4	4017.2	3915.4	3713.1	3464.4	3018.8	2559.5	2082.4	1634.4
17.5°	5742.4	6259.6	6495.8	6534.6	6495.8	6259.6	5742.4	4900.9	4194.4	3385.1	2492.2
15°	9131.4	10006.5	10562.1	10919.8	10562.1	10006.5	9131.4	7694.0	6354.5	5086.1	3694.4
12.5°	12998.1	15484.8	16899.7	17439.2	16899.7	15484.8	12998.1	10731.7	8554.3	6642.9	4900.2
10°	18246.1	24100.1	27476.9	29176.1	27476.9	24100.1	18246.1	14538.5	11057.9	8229.0	5913.3
7.5°	27153.2	36194.7	46212.3	50847.0	46212.3	36194.7	27153.2	18561.1	13690.8	9943.1	7048.1
5°	36516.7	56368.2	73792.0	82135.7	73792.0	56368.2	36516.7	24741.4	16487.8	11466.5	8041.8
2.5°	47278.6	74050.2	98802.7	109210.6	98802.7	74050.2	47278.6	29263.7	18555.6	12373.3	8604.0
0°	51420.5	82605.2	109676.2	119891.8	109676.2	82605.2	51420.5	30236.9	18928.8	12698.7	8706.9
-2.5°	47918.9	75347.2	99228.0	110900.7	99228.0	75347.2	47918.9	29149.9	18724.3	12686.5	8789.1
-5°	38074.0	56678.9	74364.9	83876.6	74364.9	56678.9	38074.0	25655.4	17113.9	11921.2	8329.2
-7.5°	27944.0	38072.3	47894.4	51329.1	47894.4	38072.3	27944.0	19761.0	14470.9	10528.1	7567.3
-10°	19455.2	25254.9	29083.5	30176.0	29083.5	25254.9	19455.2	15538.3	11944.1	9022.2	6561.4
-12.5°	14424.1	16960.9	18725.9	19032.9	18725.9	16960.9	14424.1	12000.7	9517.0	7465.0	5643.7
-15°	10680.6	11970.7	12881.1	12942.3	12881.1	11970.7	10680.6	9214.2	7552.7	5994.7	4533.6
-17.5°	7807.6	8673.5	9133.0	9100.2	9133.0	8673.5	7807.6	6758.7	5774.2	4587.9	3514.3
-20°	5582.9	6104.8	6475.0	6402.7	6475.0	6104.8	5582.9	4884.4	4204.3	3370.3	2661.8

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626958 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-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°	3892.8	4239.3	4456.2	4400.4	4456.2	4239.3	3892.8	3413.3	2942.1	2463.4	1945.2
-25°	2645.1	2833.9	2941.4	2923.4	2941.4	2833.9	2645.1	2371.8	2048.4	1757.0	1415.5
-27.5°	1802.5	1902.2	1935.5	1933.7	1935.5	1902.2	1802.5	1636.0	1413.4	1266.3	1086.7
-30°	1251.1	1318.1	1356.4	1332.3	1356.4	1318.1	1251.1	1164.9	1048.9	954.4	850.7
-32.5°	932.5	970.3	992.1	969.4	992.1	970.3	932.5	884.9	823.4	756.9	684.8
-35°	734.9	754.0	761.6	748.6	761.6	754.0	734.9	705.6	666.0	621.2	571.3
-37.5°	599.1	610.3	614.1	606.5	614.1	610.3	599.1	581.6	557.6	528.5	495.6
-40°	507.6	514.5	516.2	510.1	516.2	514.5	507.6	497.3	482.7	464.9	441.8
-42.5°	444.2	448.3	449.2	446.6	449.2	448.3	444.2	437.5	427.0	413.2	397.6
-45°	397.0	400.5	401.1	398.4	401.1	400.5	397.0	391.7	382.9	371.1	357.2
-47.5°	358.7	360.9	361.5	360.4	361.5	360.9	358.7	355.4	348.7	338.4	326.2
-50°	329.5	330.9	331.1	329.9	331.1	330.9	329.5	327.1	321.8	311.7	300.1
-52.5°	305.0	306.0	306.8	307.1	306.8	306.0	305.0	303.1	299.1	289.6	279.4
-55°	284.4	285.7	286.5	286.8	286.5	285.7	284.4	282.5	279.8	270.8	260.7
-57.5°	266.8	268.0	268.8	269.0	268.8	268.0	266.8	265.1	262.9	254.2	244.5
-60°	248.4	249.9	250.9	251.2	250.9	249.9	248.4	246.5	244.0	236.5	227.5
-62.5°	224.3	225.0	225.6	225.9	225.6	225.0	224.3	223.0	221.1	215.1	207.0
-65°	200.6	202.0	202.8	203.0	202.8	202.0	200.6	198.6	196.0	190.8	183.4
-67.5°	174.9	176.7	178.6	180.2	178.6	176.7	174.9	172.6	169.9	165.4	159.1
-70°	151.7	153.9	154.6	154.8	154.6	153.9	151.7	149.0	146.1	142.1	136.8
-72.5°	129.1	131.2	133.0	134.5	133.0	131.2	129.1	126.7	124.0	120.6	115.9
-75°	106.5	108.5	109.0	109.1	109.0	108.5	106.5	104.2	101.7	98.8	94.6
-77.5°	84.0	85.8	86.2	86.3	86.2	85.8	84.0	82.0	79.8	77.4	74.4
-80°	62.1	63.1	64.6	66.0	64.6	63.1	62.1	60.9	59.7	58.3	56.2
-82.5°	42.7	42.9	43.1	43.1	43.1	42.9	42.7	42.3	41.9	41.2	39.4
-85°	27.0	27.8	27.9	27.9	27.9	27.8	27.0	26.2	25.4	24.5	23.6
-87.5°	12.6	12.7	12.7	12.7	12.7	12.7	12.6	12.5	12.4	12.3	11.5
-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: P626958 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0.2
65°	0.6	0.5	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.7
62.5°	2.6	2.8	2.9	2.6	2.0	1.2	1.5	1.8	1.2	0.2	0.9
60°	9.6	6.1	8.6	9.5	8.3	6.0	6.1	5.7	4.7	3.7	2.5
57.5°	31.3	30.3	24.8	21.4	20.4	18.1	14.9	11.9	10.5	8.4	6.0
55°	43.1	41.4	38.4	34.4	29.8	28.4	25.8	22.2	18.6	14.4	11.7
52.5°	53.0	53.5	51.8	46.9	42.8	40.1	36.5	33.0	28.7	24.6	19.2
50°	75.8	72.9	70.2	67.4	60.9	54.6	50.1	45.3	39.1	34.5	30.0
47.5°	96.7	92.4	89.6	85.8	78.4	71.8	64.8	58.1	50.3	43.1	38.6
45°	114.7	108.4	102.8	98.2	91.8	84.2	78.0	70.5	61.7	53.4	45.6
42.5°	132.9	123.4	115.9	111.2	103.5	95.7	88.6	82.9	73.4	63.6	55.7
40°	157.1	138.1	131.1	129.2	121.9	109.5	103.6	97.2	87.1	74.3	66.5
37.5°	197.1	171.6	159.2	152.7	146.0	133.1	121.5	113.2	104.1	89.7	78.6
35°	253.7	223.8	196.6	182.6	174.8	157.2	142.0	130.5	119.6	106.0	91.6
32.5°	303.3	269.7	237.2	212.7	195.1	178.8	161.8	147.7	133.4	119.5	105.3
30°	375.7	319.6	274.8	240.3	217.6	197.5	179.4	162.4	146.2	131.5	117.3
27.5°	474.2	384.5	323.7	275.1	241.3	217.4	196.9	176.8	158.5	142.7	128.0
25°	618.9	475.6	384.8	319.1	270.1	239.4	216.0	192.8	171.4	153.4	141.0
22.5°	826.9	631.1	481.4	366.8	312.1	273.2	238.5	209.5	185.1	169.0	154.4
20°	1185.0	844.8	623.5	476.3	375.7	313.2	265.8	231.7	206.8	186.1	167.9
17.5°	1797.1	1245.1	807.3	613.3	470.1	373.1	304.7	259.4	228.1	203.3	181.6
15°	2547.2	1708.8	1128.5	790.2	576.1	422.9	341.3	286.9	249.9	221.3	195.3
12.5°	3328.3	2150.1	1394.6	924.6	651.9	476.0	379.6	318.3	271.7	234.3	204.4
10°	4006.9	2603.6	1662.8	1083.4	737.7	527.0	410.0	338.1	284.7	243.7	212.1
7.5°	4756.7	3067.3	1909.6	1199.7	808.5	567.9	430.5	351.4	295.5	251.5	218.4
5°	5312.2	3421.3	2118.4	1305.7	861.7	599.1	446.5	360.9	303.9	257.7	223.5
2.5°	5684.9	3667.8	2249.5	1378.6	894.6	623.0	459.4	369.8	310.4	264.0	229.1
0°	5801.2	3692.4	2349.9	1423.7	916.1	644.6	469.5	378.1	314.7	269.0	233.5
-2.5°	5836.7	3734.7	2339.8	1433.5	923.5	656.1	473.7	379.7	318.0	270.9	234.1
-5°	5604.9	3625.3	2287.4	1423.4	917.9	655.9	480.9	382.4	319.9	271.6	233.6
-7.5°	5197.6	3388.8	2150.1	1359.0	891.4	645.5	486.0	386.0	321.6	273.5	235.4
-10°	4578.3	3009.3	1936.6	1250.8	847.0	625.4	481.3	384.0	320.5	273.2	235.8
-12.5°	3955.1	2584.3	1660.1	1099.2	774.7	588.3	463.2	376.2	316.5	270.4	234.7
-15°	3163.9	2163.0	1455.1	995.2	709.6	548.4	440.3	363.9	309.7	265.4	232.0
-17.5°	2541.2	1754.7	1191.8	853.6	646.8	513.3	422.5	353.9	301.7	260.3	228.5
-20°	1954.8	1382.1	1009.1	751.0	582.2	470.1	398.3	339.2	292.5	255.0	225.1

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REPORT NUMBER: P626958 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1473.2	1119.3	837.5	645.5	522.0	436.7	374.1	322.8	281.3	247.4	220.6
-25°	1144.7	892.8	700.5	570.2	468.9	399.8	351.7	309.8	272.5	239.9	215.2
-27.5°	905.2	724.9	601.2	500.1	425.8	374.9	333.5	296.3	263.0	234.2	209.8
-30°	733.0	615.9	520.6	444.9	391.8	349.3	316.0	284.8	254.1	226.9	203.9
-32.5°	600.4	528.5	456.9	402.5	358.5	325.9	298.7	272.5	243.3	219.4	197.8
-35°	514.1	461.8	410.9	367.6	330.5	305.6	281.5	257.0	233.1	211.0	190.8
-37.5°	454.1	411.4	373.1	338.1	310.5	287.1	265.9	244.3	222.6	202.2	183.7
-40°	407.3	371.0	340.8	314.2	292.1	272.0	252.8	232.8	213.5	193.1	175.9
-42.5°	369.0	340.4	314.2	293.8	275.0	258.0	241.1	223.6	204.6	185.3	167.3
-45°	337.5	315.0	293.1	275.0	258.9	244.6	231.6	214.2	195.6	176.4	158.0
-47.5°	311.0	292.4	274.1	257.3	244.1	231.7	219.1	203.7	184.3	166.1	150.5
-50°	287.5	272.6	257.1	241.6	230.0	218.6	205.4	189.3	172.5	157.6	142.9
-52.5°	268.7	255.1	241.6	228.6	217.3	205.3	191.2	177.3	163.0	149.0	135.4
-55°	249.6	238.6	227.7	217.0	206.3	194.0	181.0	167.1	153.1	140.0	126.1
-57.5°	234.5	224.4	214.6	205.0	195.4	183.2	169.9	156.4	141.9	128.7	115.7
-60°	218.5	209.7	200.1	190.7	181.6	170.8	156.4	142.5	129.1	116.6	104.0
-62.5°	198.6	190.1	181.7	172.6	163.0	152.3	139.2	126.4	114.9	103.9	92.6
-65°	175.8	167.9	159.8	150.8	140.9	129.8	118.7	109.3	100.4	91.1	81.1
-67.5°	152.4	145.2	136.9	127.9	119.4	110.5	102.5	94.4	86.1	77.6	68.6
-70°	131.2	125.5	118.8	110.9	102.8	94.5	86.9	79.4	71.6	64.5	57.6
-72.5°	111.0	105.8	99.6	92.5	85.3	78.4	71.9	65.8	59.8	53.9	47.8
-75°	90.4	86.0	81.2	75.4	69.6	63.7	58.4	53.4	48.4	43.2	38.0
-77.5°	71.3	68.1	64.5	60.0	55.4	50.8	46.3	41.9	37.7	33.7	30.1
-80°	53.9	51.5	48.8	45.2	41.5	37.9	34.4	31.3	28.4	25.8	23.3
-82.5°	37.5	35.6	33.6	31.1	28.5	26.0	23.5	21.6	19.8	18.0	16.3
-85°	22.6	21.5	20.4	18.9	17.6	16.2	15.0	14.0	12.9	11.8	10.7
-87.5°	10.8	10.0	9.2	9.0	8.8	8.6	8.3	7.6	6.8	6.1	5.4
-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):

	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	0.1	0.2	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.5	0.2
70°	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.3	0.9	1.1	0.8
67.5°	0.0	0.0	0.0	0.5	0.8	0.7	0.2	0.4	1.0	1.6	1.4
65°	0.8	0.6	0.0	0.7	1.2	1.6	1.2	0.8	1.1	1.7	2.1
62.5°	1.5	1.9	1.4	1.0	1.4	2.0	2.3	1.6	1.3	1.8	2.3
60°	1.6	2.2	2.5	2.0	1.8	2.1	2.5	2.3	1.8	1.9	2.4
57.5°	4.4	2.8	2.8	2.7	2.3	2.3	2.5	2.5	2.2	2.1	2.5
55°	8.3	6.0	4.3	3.4	2.8	2.5	2.6	2.5	2.5	2.3	2.5
52.5°	14.4	10.5	7.7	5.2	3.9	2.8	2.9	2.5	2.5	2.4	2.5
50°	23.0	16.5	12.1	8.7	5.4	4.2	3.3	2.9	2.5	2.5	2.5
47.5°	33.6	24.7	17.6	12.7	8.9	5.8	4.5	3.5	2.5	2.5	2.5
45°	41.4	34.4	24.6	17.8	12.6	8.7	6.1	4.2	3.1	2.6	2.5
42.5°	49.2	42.8	33.5	22.8	17.2	11.9	7.8	5.6	3.9	2.8	2.6
40°	59.0	51.1	42.0	31.1	22.4	15.2	10.6	7.3	4.7	3.2	2.8
37.5°	69.2	60.3	50.4	39.1	28.2	20.1	13.4	9.0	5.9	4.1	3.1
35°	80.6	69.9	58.7	46.7	35.2	25.2	16.1	11.0	7.5	5.1	3.4
32.5°	92.1	79.2	66.5	54.1	41.6	30.4	20.0	13.6	9.0	6.1	3.7
30°	103.3	88.3	73.6	61.2	47.8	36.0	24.8	16.5	10.5	7.1	4.2
27.5°	113.5	97.3	80.5	67.5	54.0	41.2	29.6	19.5	12.0	8.2	5.1
25°	124.1	106.4	88.4	73.1	59.8	46.4	34.1	22.8	14.1	9.4	5.9
22.5°	136.2	115.6	96.0	78.2	66.0	51.5	38.4	26.7	16.6	10.6	6.7
20°	149.2	124.7	103.6	85.4	71.7	56.8	42.7	30.3	19.2	11.6	7.5
17.5°	162.5	134.7	112.9	93.6	77.3	61.7	46.7	33.5	21.8	12.6	8.3
15°	171.6	144.7	121.2	101.2	83.0	66.3	50.6	36.5	24.4	13.6	9.1
12.5°	179.1	153.3	128.5	108.3	88.6	70.4	54.2	39.1	26.9	14.9	9.9
10°	185.8	160.6	134.9	114.8	94.0	74.2	57.5	41.4	29.2	16.5	10.6
7.5°	191.5	166.6	140.4	120.7	99.2	78.0	60.2	43.5	31.2	18.1	11.2
5°	196.3	171.8	145.0	124.5	103.9	82.0	62.5	45.3	32.9	19.8	11.8
2.5°	200.2	176.5	149.0	127.3	108.1	85.6	64.5	46.9	34.3	21.3	12.3
0°	203.0	180.2	152.3	129.4	111.7	88.8	66.0	48.2	35.5	22.8	12.7
-2.5°	204.9	180.8	155.8	131.8	113.8	91.5	69.1	49.8	36.4	24.1	13.5
-5°	205.6	180.7	158.4	133.6	115.4	93.6	71.7	51.2	37.2	25.2	14.2
-7.5°	206.8	181.5	159.8	135.1	116.4	95.3	73.7	52.2	37.8	26.2	14.8
-10°	207.2	182.4	160.1	136.9	117.2	96.4	74.9	52.8	38.2	26.9	15.3
-12.5°	206.6	182.3	160.0	137.9	117.6	97.1	75.6	53.8	38.6	27.3	15.8
-15°	205.0	181.2	159.6	138.0	117.6	97.4	75.8	54.7	39.3	27.4	16.2
-17.5°	202.5	179.1	159.1	137.1	117.1	97.2	75.6	55.1	39.7	27.2	16.6
-20°	200.0	177.2	158.3	135.3	116.2	96.7	74.9	55.1	39.7	26.8	16.9

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REPORT NUMBER: P626958 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	196.6	175.4	155.4	133.5	114.9	95.8	73.9	54.4	39.3	26.2	17.1
-25°	192.5	172.7	152.2	132.0	113.3	94.0	72.6	53.2	38.3	25.4	17.2
-27.5°	188.3	169.0	148.8	130.1	111.1	91.8	71.0	52.1	37.0	24.4	17.1
-30°	183.5	164.8	145.9	127.4	108.0	88.7	68.7	50.3	35.7	23.8	16.9
-32.5°	178.2	160.6	142.5	123.3	104.2	85.3	65.7	47.9	34.1	23.5	16.7
-35°	172.8	155.9	138.5	118.2	100.0	81.5	62.7	44.9	32.3	23.0	16.5
-37.5°	166.6	150.1	131.9	112.7	95.5	77.5	59.9	43.2	30.3	22.4	16.2
-40°	159.4	142.9	124.5	107.6	90.8	73.3	56.8	41.6	29.0	21.5	15.8
-42.5°	151.4	135.0	118.5	102.3	85.9	69.7	53.7	39.6	28.4	20.8	15.4
-45°	143.2	127.8	112.8	96.9	80.9	65.9	51.1	37.5	27.5	20.2	14.9
-47.5°	135.5	121.6	106.7	91.1	76.6	62.1	48.0	36.0	26.3	19.5	14.4
-50°	129.0	114.9	100.0	85.2	71.6	58.1	44.8	34.1	25.3	18.8	13.8
-52.5°	121.5	107.3	92.7	78.7	66.2	53.7	42.1	31.9	23.9	17.9	13.0
-55°	112.6	98.5	84.5	72.3	60.6	49.6	38.9	29.6	22.1	16.8	12.2
-57.5°	102.2	88.5	77.1	65.9	54.9	44.9	35.3	26.8	20.5	15.6	11.2
-60°	91.5	80.5	70.0	59.1	49.0	39.9	31.3	24.0	18.9	14.2	10.1
-62.5°	82.0	71.9	61.6	51.6	42.8	34.6	27.1	21.9	17.1	12.8	8.9
-65°	71.3	61.8	52.5	44.3	36.5	29.6	24.3	19.5	15.1	11.2	7.9
-67.5°	59.9	52.2	44.4	37.0	31.2	26.1	21.4	17.0	13.1	9.5	7.2
-70°	50.6	43.5	37.1	31.8	26.9	22.4	18.2	14.4	10.9	8.5	6.5
-72.5°	41.8	36.2	31.2	26.7	22.5	18.6	14.9	11.8	9.4	7.4	5.8
-75°	33.2	29.2	25.3	21.4	17.9	14.7	12.3	9.9	8.0	6.3	5.0
-77.5°	26.6	23.1	19.5	16.7	14.5	12.3	10.1	8.0	6.6	5.5	4.3
-80°	20.5	18.0	15.9	14.0	11.9	9.9	8.2	6.7	5.7	4.7	3.6
-82.5°	14.7	13.4	12.3	11.2	9.6	8.2	6.9	5.7	4.8	3.8	2.8
-85°	10.0	9.4	8.8	8.3	7.3	6.3	5.3	4.3	3.4	2.6	1.9
-87.5°	5.1	4.9	4.6	4.4	3.7	3.2	2.6	2.2	1.7	1.3	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	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	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.3	0.0
75°	0.1	0.2	0.0	0.0	0.0	0.3	0.0
72.5°	0.1	0.4	0.3	0.0	0.1	0.4	0.0
70°	0.3	0.6	0.5	0.0	0.1	0.5	0.0
67.5°	0.9	0.8	0.8	0.3	0.1	0.5	0.0
65°	1.4	1.1	1.0	0.5	0.2	0.6	0.0
62.5°	2.0	1.4	1.3	0.8	0.3	0.6	0.0
60°	2.4	1.7	1.6	1.1	0.3	0.7	0.0
57.5°	2.5	2.0	1.8	1.3	0.5	0.8	0.0
55°	2.5	2.3	1.9	1.6	0.8	0.8	0.0
52.5°	2.5	2.5	2.1	1.9	0.9	0.9	0.0
50°	2.5	2.5	2.2	2.1	1.1	1.0	0.0
47.5°	2.5	2.5	2.3	2.4	1.3	1.1	0.0
45°	2.5	2.5	2.4	2.4	1.5	1.1	0.0
42.5°	2.5	2.5	2.5	2.5	1.6	1.2	0.0
40°	2.5	2.5	2.5	2.5	1.7	1.3	0.0
37.5°	2.5	2.5	2.5	2.5	1.9	1.4	0.0
35°	2.5	2.5	2.5	2.5	2.0	1.5	0.0
32.5°	2.6	2.5	2.5	2.5	2.1	1.5	0.0
30°	2.8	2.5	2.5	2.5	2.2	1.6	0.0
27.5°	3.1	2.5	2.5	2.5	2.2	1.7	0.0
25°	3.4	2.5	2.5	2.5	2.3	1.8	0.0
22.5°	3.8	2.5	2.5	2.5	2.4	1.9	0.0
20°	4.1	2.7	2.5	2.5	2.4	1.9	0.0
17.5°	4.6	3.0	2.5	2.5	2.4	2.0	0.0
15°	5.1	3.2	2.5	2.5	2.5	2.1	0.0
12.5°	5.6	3.5	2.5	2.5	2.5	2.2	0.0
10°	6.0	3.8	2.5	2.5	2.5	2.2	0.0
7.5°	6.5	4.2	2.5	2.5	2.5	2.3	0.0
5°	6.9	4.5	2.5	2.5	2.5	2.4	0.0
2.5°	7.3	4.8	2.5	2.5	2.5	2.4	0.0
0°	7.6	5.1	2.5	2.5	2.5	2.5	0.0
-2.5°	8.3	5.4	2.7	2.5	2.5	2.5	0.0
-5°	8.9	5.6	3.0	2.5	2.5	2.5	0.0
-7.5°	9.5	5.8	3.2	2.5	2.5	2.5	0.0
-10°	10.0	6.0	3.4	2.5	2.5	2.5	0.0
-12.5°	10.4	6.2	3.5	2.5	2.5	2.4	0.0
-15°	10.7	6.3	3.7	2.5	2.5	2.4	0.0
-17.5°	10.9	6.4	3.8	2.5	2.5	2.4	0.0
-20°	11.1	6.5	3.9	2.5	2.5	2.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	11.2	6.6	3.9	2.5	2.5	2.3	0.0
-25°	11.3	6.7	3.9	2.5	2.5	2.3	0.0
-27.5°	11.3	6.9	3.8	2.5	2.5	2.2	0.0
-30°	11.2	7.0	3.7	2.5	2.5	2.2	0.0
-32.5°	11.1	7.1	3.7	2.5	2.5	2.1	0.0
-35°	11.1	7.1	3.7	2.5	2.5	2.0	0.0
-37.5°	11.0	7.0	3.6	2.5	2.5	2.0	0.0
-40°	10.9	6.8	3.4	2.5	2.5	1.9	0.0
-42.5°	10.6	6.6	3.4	2.5	2.5	1.8	0.0
-45°	10.3	6.4	3.5	2.6	2.5	1.8	0.0
-47.5°	9.9	6.0	3.5	2.6	2.5	1.7	0.0
-50°	9.4	5.6	3.6	2.7	2.5	1.6	0.0
-52.5°	8.8	5.1	3.6	2.7	2.5	1.5	0.0
-55°	8.1	5.0	3.6	2.7	2.5	1.4	0.0
-57.5°	7.3	4.9	3.5	2.7	2.5	1.3	0.0
-60°	6.6	4.7	3.5	2.7	2.5	1.2	0.0
-62.5°	6.2	4.5	3.3	2.7	2.3	1.2	0.0
-65°	5.9	4.3	3.2	2.6	2.1	1.1	0.0
-67.5°	5.4	4.0	3.1	2.6	1.9	1.0	0.0
-70°	4.9	3.7	2.9	2.5	1.7	0.9	0.0
-72.5°	4.4	3.4	2.7	2.2	1.5	0.8	0.0
-75°	3.8	3.0	2.5	1.9	1.3	0.6	0.0
-77.5°	3.2	2.6	2.2	1.6	1.1	0.5	0.0
-80°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)