

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: P626918 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626918 (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-SA2C-735-U-NR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11610.5 lumens  
Efficiency: N/A  
Efficacy: 140.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 117692 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 3706.6 lumens  
Beam Efficiency: 31.9%

Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 8255.8 lumens  
Field Efficiency: 71.1%

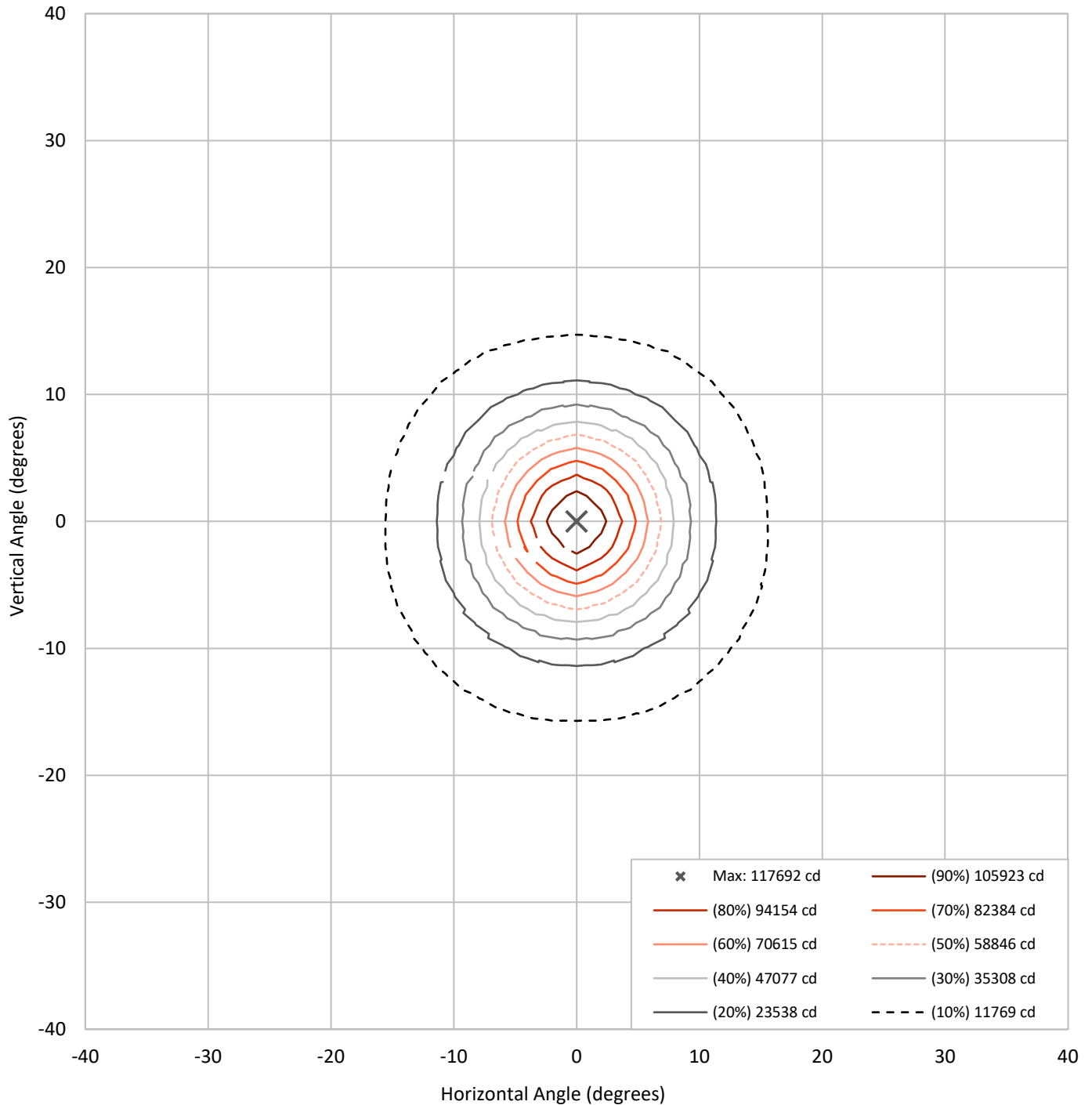
Input Watts (W): 82.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA2C-735-U-NR-VSR-XX

### Iso-Candela Plot





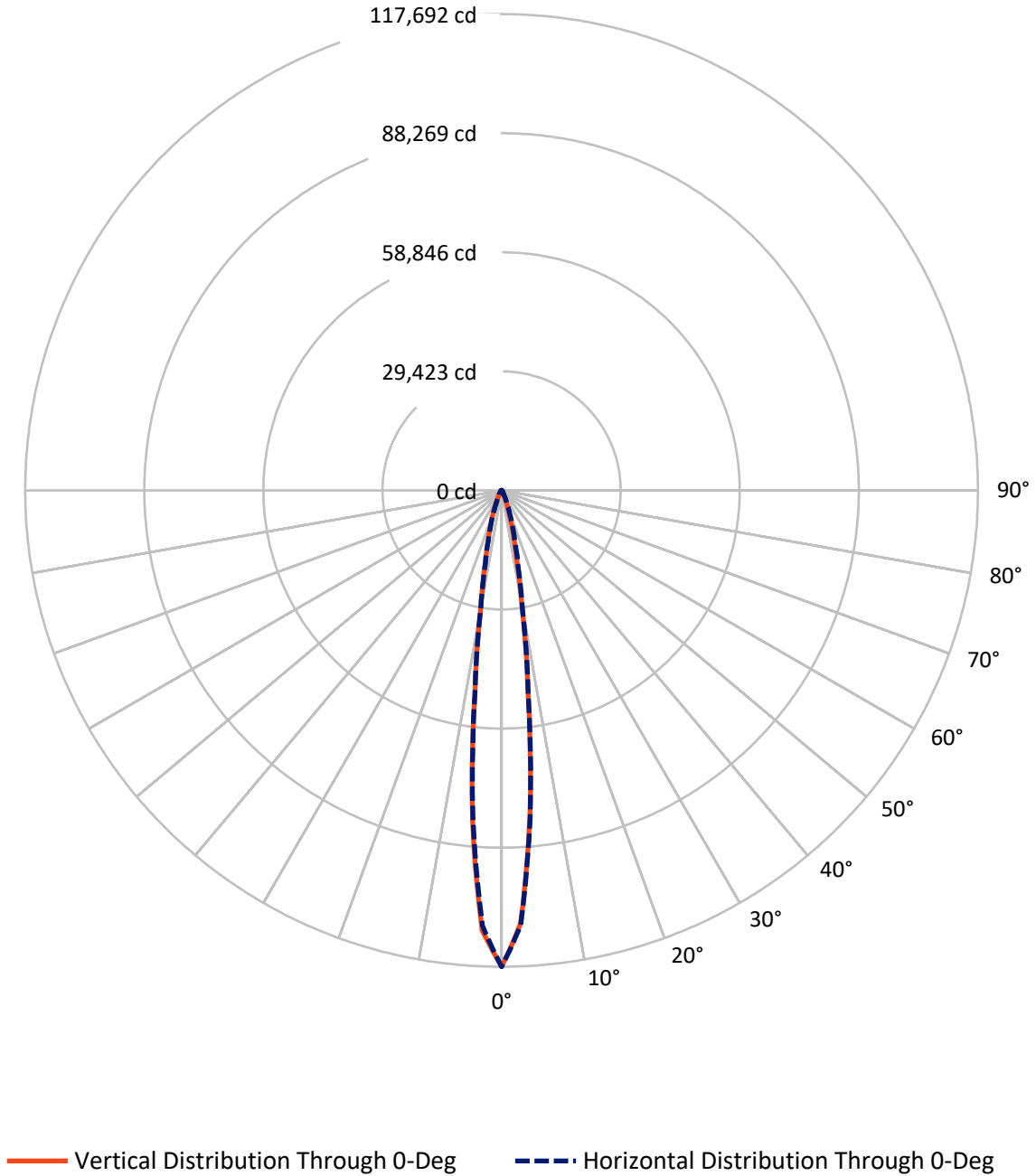
REPORT NUMBER: P626918 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

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	0.0	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	0.0		
60		0.0	0.1	0.3	0.6	1.0	1.4	1.6	1.6	1.4	1.0	0.6	0.3	0.1				0.0	
50	0.1	0.1	0.3	1.0	1.9	2.8	3.9	4.6	4.6	3.9	2.8	1.9	1.0	0.3	0.1	0.1	0.1		
40		0.2	0.8	2.0	3.5	5.6	9.4	12.0	12.0	9.4	5.6	3.5	2.0	0.8				0.2	
30	0.1	0.3	1.3	3.0	5.4	11.8	31.5	52.2	52.2	31.5	11.8	5.4	3.0	1.3	0.1	0.1	0.1		
20		0.5	1.8	4.1	9.0	35.3	148.8	327.1	327.1	148.8	35.3	9.0	4.1	1.8				0.5	
10	0.2	0.6	2.2	4.9	12.2	66.3	356.6	1599.4	1599.4	356.6	66.3	12.2	4.9	2.2	0.2	0.2	0.2		
0		0.7	2.4	5.1	13.1	70.6	369.1	1626.6	1626.6	369.1	70.6	13.1	5.1	2.4				0.7	
-10	0.2	0.8	2.4	5.0	11.5	44.9	179.2	383.3	383.3	179.2	44.9	11.5	5.0	2.4	0.2	0.2	0.2		
-20		0.7	2.3	4.6	8.9	21.0	55.2	92.0	92.0	55.2	21.0	8.9	4.6	2.3				0.7	
-30	0.2	0.6	2.0	4.1	6.9	11.5	18.8	23.9	23.9	18.8	11.5	6.9	4.1	2.0	0.2	0.2	0.2		
-40		0.5	1.7	3.4	5.6	8.1	10.8	12.1	12.1	10.8	8.1	5.6	3.4	1.7				0.5	
-50	0.1	0.4	1.3	2.7	4.4	6.2	7.8	8.5	8.5	7.8	6.2	4.4	2.7	1.3	0.1	0.1	0.1		
-60		0.3	0.8	1.7	3.0	4.3	5.4	6.0	6.0	5.4	4.3	3.0	1.7	0.8				0.3	
-70	0.1	0.3	0.8	1.7	3.0	4.3	5.4	6.0	6.0	5.4	4.3	3.0	1.7	0.8	0.1	0.1	0.1		
-80		0.7	2.9	6.4	8.1	6.4	2.9	0.7	0.1										
-90	0.1	0.7	2.9	6.4	8.1	6.4	2.9	0.7	0.1	0.1	0.7	2.9	6.4	8.1	6.4	2.9	0.7	0.1	
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

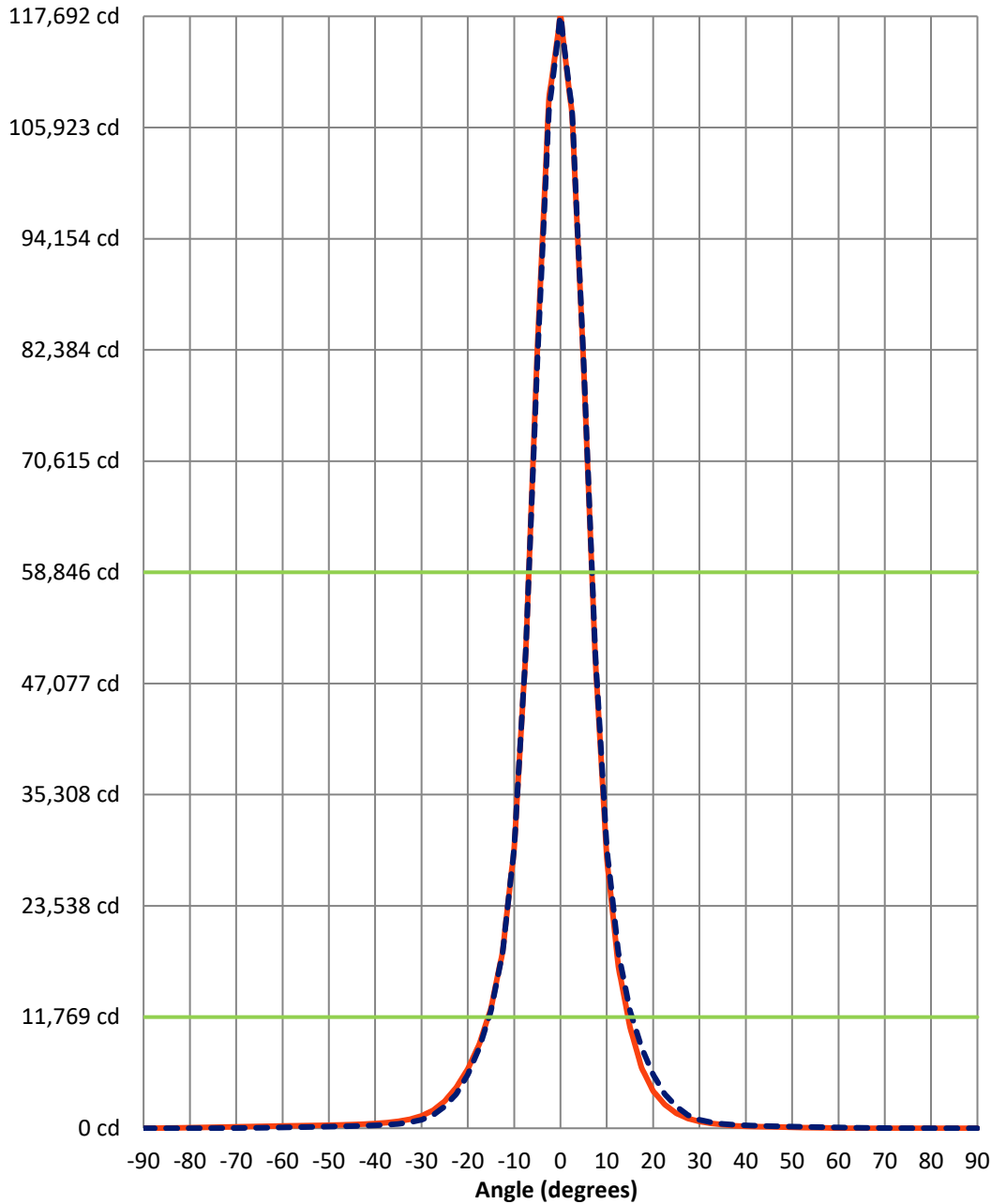
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 3706.6  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 8255.8  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 3354.7  
 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	4.1
42.5°	0.0	1.2	1.6	2.5	2.5	2.5	2.5	2.6	2.7	3.8	5.5
40°	0.0	1.3	1.7	2.5	2.5	2.5	2.5	2.8	3.2	4.6	7.1
37.5°	0.0	1.4	1.9	2.5	2.5	2.5	2.5	3.0	4.1	5.8	8.8
35°	0.0	1.5	2.0	2.5	2.5	2.5	2.5	3.3	5.0	7.4	10.8
32.5°	0.0	1.5	2.1	2.5	2.5	2.5	2.6	3.7	5.9	8.9	13.3
30°	0.0	1.6	2.2	2.5	2.5	2.5	2.8	4.2	6.9	10.3	16.1
27.5°	0.0	1.7	2.2	2.5	2.5	2.5	3.1	5.0	8.0	11.7	19.1
25°	0.0	1.8	2.3	2.5	2.5	2.5	3.4	5.8	9.2	13.8	22.3
22.5°	0.0	1.9	2.4	2.5	2.5	2.5	3.7	6.6	10.3	16.3	26.2
20°	0.0	1.9	2.4	2.5	2.5	2.7	4.0	7.4	11.4	18.9	29.7
17.5°	0.0	2.0	2.4	2.5	2.5	3.0	4.5	8.2	12.4	21.4	32.9
15°	0.0	2.1	2.5	2.5	2.5	3.2	5.0	8.9	13.3	23.9	35.8
12.5°	0.0	2.2	2.5	2.5	2.5	3.5	5.5	9.7	14.6	26.4	38.4
10°	0.0	2.2	2.5	2.5	2.5	3.8	5.9	10.4	16.2	28.7	40.7
7.5°	0.0	2.3	2.5	2.5	2.5	4.1	6.4	11.0	17.8	30.7	42.7
5°	0.0	2.4	2.5	2.5	2.5	4.4	6.8	11.6	19.4	32.3	44.5
2.5°	0.0	2.4	2.5	2.5	2.5	4.7	7.2	12.1	21.0	33.7	46.0
0°	0.0	2.5	2.5	2.5	2.5	5.0	7.5	12.5	22.4	34.9	47.3
-2.5°	0.0	2.5	2.5	2.5	2.7	5.3	8.2	13.2	23.7	35.8	48.9
-5°	0.0	2.5	2.5	2.5	2.9	5.5	8.8	13.9	24.8	36.6	50.2
-7.5°	0.0	2.5	2.5	2.5	3.1	5.7	9.3	14.5	25.7	37.1	51.2
-10°	0.0	2.5	2.5	2.5	3.3	5.9	9.8	15.0	26.3	37.5	51.9
-12.5°	0.0	2.4	2.5	2.5	3.5	6.1	10.2	15.5	26.7	37.9	52.8
-15°	0.0	2.4	2.5	2.5	3.6	6.2	10.5	15.9	26.8	38.6	53.7
-17.5°	0.0	2.4	2.5	2.5	3.7	6.3	10.7	16.2	26.6	39.0	54.2
-20°	0.0	2.3	2.5	2.5	3.8	6.4	10.9	16.6	26.2	39.0	54.1

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Scaled Data Report



REPORT NUMBER: P626918 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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	2.3	2.5	2.5	3.8	6.5	11.0	16.8	25.7	38.5	53.5
-25°	0.0	2.3	2.5	2.5	3.8	6.6	11.1	16.9	24.9	37.6	52.3
-27.5°	0.0	2.2	2.5	2.5	3.8	6.8	11.1	16.8	23.9	36.3	51.2
-30°	0.0	2.2	2.5	2.5	3.7	6.9	11.0	16.6	23.4	35.0	49.4
-32.5°	0.0	2.1	2.5	2.5	3.7	7.0	10.9	16.5	23.1	33.4	47.1
-35°	0.0	2.0	2.5	2.5	3.6	6.9	10.8	16.2	22.6	31.7	44.0
-37.5°	0.0	2.0	2.5	2.5	3.5	6.9	10.8	15.9	22.0	29.7	42.3
-40°	0.0	1.9	2.5	2.5	3.4	6.7	10.7	15.5	21.1	28.4	40.8
-42.5°	0.0	1.8	2.5	2.5	3.4	6.5	10.5	15.1	20.4	27.8	38.9
-45°	0.0	1.8	2.5	2.6	3.5	6.3	10.1	14.6	19.8	27.0	36.8
-47.5°	0.0	1.7	2.5	2.6	3.5	5.9	9.7	14.1	19.1	25.8	35.4
-50°	0.0	1.6	2.5	2.7	3.6	5.5	9.2	13.5	18.4	24.8	33.5
-52.5°	0.0	1.5	2.5	2.7	3.6	5.1	8.7	12.8	17.5	23.5	31.3
-55°	0.0	1.4	2.5	2.7	3.5	5.0	8.0	12.0	16.5	21.7	29.1
-57.5°	0.0	1.3	2.5	2.7	3.5	4.8	7.2	11.0	15.3	20.1	26.3
-60°	0.0	1.2	2.5	2.7	3.4	4.7	6.5	10.0	14.0	18.5	23.6
-62.5°	0.0	1.2	2.3	2.7	3.3	4.5	6.2	8.8	12.6	16.8	21.5
-65°	0.0	1.1	2.1	2.6	3.2	4.2	5.8	7.8	11.0	14.9	19.2
-67.5°	0.0	1.0	1.9	2.6	3.1	4.0	5.3	7.1	9.3	12.8	16.7
-70°	0.0	0.9	1.7	2.5	2.9	3.7	4.9	6.4	8.4	10.7	14.1
-72.5°	0.0	0.8	1.5	2.2	2.7	3.4	4.3	5.7	7.3	9.3	11.6
-75°	0.0	0.6	1.3	1.9	2.5	3.0	3.8	4.9	6.2	7.9	9.8
-77.5°	0.0	0.5	1.1	1.6	2.2	2.6	3.2	4.3	5.4	6.5	7.9
-80°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.6	4.6	5.6	6.6
-82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.8	3.8	4.7	5.6
-85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.9	2.6	3.3	4.2
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.3	1.7	2.1
-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	1.7
60°	2.5	2.1	1.8	2.0	2.5	2.2	1.6	2.4	3.7	4.6	5.6
57.5°	2.5	2.3	2.3	2.7	2.8	2.8	4.4	5.9	8.3	10.3	11.7
55°	2.6	2.5	2.8	3.4	4.2	6.0	8.2	11.5	14.2	18.3	21.7
52.5°	2.8	2.8	3.8	5.1	7.6	10.3	14.1	18.9	24.2	28.2	32.4
50°	3.2	4.2	5.3	8.6	11.9	16.2	22.5	29.4	33.9	38.4	44.5
47.5°	4.4	5.7	8.8	12.5	17.3	24.2	33.0	37.9	42.3	49.4	57.0
45°	6.0	8.5	12.4	17.5	24.1	33.8	40.7	44.7	52.4	60.6	69.2
42.5°	7.7	11.7	16.9	22.4	32.9	42.0	48.2	54.7	62.4	72.0	81.3
40°	10.4	14.9	22.0	30.5	41.2	50.1	57.9	65.3	72.9	85.4	95.4
37.5°	13.1	19.7	27.7	38.4	49.5	59.2	67.9	77.2	88.1	102.2	111.1
35°	15.8	24.7	34.5	45.9	57.6	68.6	79.1	90.0	104.1	117.4	128.1
32.5°	19.6	29.8	40.9	53.1	65.2	77.7	90.5	103.4	117.3	130.9	145.0
30°	24.3	35.3	46.9	60.1	72.2	86.7	101.5	115.2	129.1	143.5	159.4
27.5°	29.1	40.4	53.0	66.2	79.0	95.5	111.4	125.7	140.1	155.6	173.6
25°	33.5	45.5	58.7	71.8	86.8	104.5	121.9	138.4	150.6	168.3	189.3
22.5°	37.7	50.6	64.7	76.7	94.2	113.5	133.7	151.6	166.0	181.7	205.6
20°	41.9	55.7	70.4	83.8	101.7	122.4	146.5	164.8	182.7	203.0	227.4
17.5°	45.9	60.6	75.9	91.8	110.8	132.2	159.5	178.2	199.6	223.9	254.6
15°	49.7	65.0	81.5	99.4	119.0	142.1	168.4	191.7	217.2	245.3	281.6
12.5°	53.2	69.1	86.9	106.4	126.2	150.5	175.8	200.6	230.0	266.7	312.4
10°	56.4	72.8	92.3	112.8	132.5	157.7	182.4	208.2	239.2	279.5	331.9
7.5°	59.1	76.5	97.3	118.6	137.9	163.6	188.0	214.4	246.8	290.0	344.9
5°	61.4	80.5	102.0	122.3	142.4	168.6	192.8	219.3	253.0	298.3	354.3
2.5°	63.3	84.1	106.1	125.0	146.3	173.3	196.5	224.8	259.2	304.7	363.0
0°	64.8	87.2	109.6	127.0	149.5	176.9	199.3	229.2	264.1	308.9	371.2
-2.5°	67.8	89.8	111.7	129.4	152.9	177.5	201.1	229.8	265.9	312.2	372.7
-5°	70.3	91.9	113.2	131.2	155.4	177.4	201.9	229.3	266.5	314.0	375.4
-7.5°	72.3	93.5	114.2	132.6	156.8	178.2	203.0	231.1	268.5	315.7	379.0
-10°	73.5	94.7	115.1	134.4	157.2	179.1	203.4	231.5	268.2	314.6	377.0
-12.5°	74.2	95.3	115.5	135.3	157.1	179.0	202.8	230.4	265.4	310.7	369.3
-15°	74.4	95.6	115.4	135.4	156.7	177.9	201.2	227.8	260.5	304.0	357.2
-17.5°	74.2	95.4	114.9	134.6	156.1	175.9	198.8	224.2	255.5	296.2	347.4
-20°	73.5	94.9	114.1	132.8	155.3	174.0	196.3	220.9	250.2	287.1	333.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626918 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	72.5	94.0	112.8	131.0	152.5	172.2	193.0	216.5	242.8	276.2	316.9
-25°	71.3	92.2	111.2	129.6	149.4	169.5	189.0	211.2	235.4	267.5	304.1
-27.5°	69.7	90.1	109.0	127.7	146.1	165.9	184.9	205.9	229.9	258.1	290.9
-30°	67.4	87.1	106.0	125.0	143.2	161.7	180.1	200.2	222.7	249.4	279.6
-32.5°	64.5	83.7	102.2	121.0	139.9	157.6	174.9	194.2	215.4	238.7	267.5
-35°	61.6	80.0	98.1	116.0	135.9	153.0	169.7	187.4	207.1	228.8	252.2
-37.5°	58.8	76.1	93.7	110.6	129.5	147.3	163.5	180.3	198.5	218.4	239.7
-40°	55.8	72.0	89.1	105.6	122.2	140.3	156.5	172.7	189.6	209.5	228.4
-42.5°	52.7	68.4	84.3	100.4	116.3	132.5	148.7	164.2	182.0	200.9	219.5
-45°	50.1	64.7	79.5	95.1	110.7	125.4	140.6	155.2	173.2	192.1	210.2
-47.5°	47.1	61.0	75.3	89.4	104.7	119.4	133.0	147.7	163.1	181.0	200.0
-50°	44.0	57.1	70.3	83.7	98.1	112.8	126.7	140.2	154.7	169.4	185.9
-52.5°	41.3	52.7	65.0	77.3	91.0	105.3	119.3	132.9	146.2	160.0	174.0
-55°	38.2	48.7	59.5	71.0	83.0	96.7	110.5	123.8	137.4	150.3	164.0
-57.5°	34.7	44.1	53.9	64.7	75.6	86.9	100.3	113.5	126.3	139.3	153.5
-60°	30.7	39.1	48.1	58.0	68.7	79.0	89.8	102.1	114.4	126.8	139.9
-62.5°	26.6	33.9	42.0	50.7	60.4	70.6	80.5	90.9	102.0	112.8	124.1
-65°	23.9	29.0	35.8	43.5	51.5	60.6	70.0	79.6	89.4	98.5	107.3
-67.5°	21.0	25.6	30.6	36.3	43.6	51.2	58.8	67.4	76.1	84.5	92.7
-70°	17.9	22.0	26.4	31.2	36.4	42.6	49.7	56.6	63.3	70.3	77.9
-72.5°	14.7	18.2	22.1	26.2	30.6	35.6	41.0	46.8	52.8	58.7	64.6
-75°	12.1	14.4	17.5	21.0	24.8	28.7	32.7	37.3	42.4	47.5	52.4
-77.5°	9.9	12.1	14.3	16.4	19.1	22.6	26.1	29.6	33.1	37.0	41.1
-80°	8.1	9.8	11.7	13.7	15.5	17.7	20.1	22.8	25.3	27.9	30.7
-82.5°	6.7	8.0	9.4	11.0	12.1	13.2	14.4	16.0	17.7	19.4	21.2
-85°	5.2	6.2	7.2	8.2	8.7	9.3	9.9	10.5	11.6	12.7	13.7
-87.5°	2.6	3.1	3.7	4.3	4.6	4.8	5.1	5.3	6.0	6.7	7.4
-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: P626918 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-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	1.9	2.6	2.9	2.8	2.5	2.3	1.9	1.8	2.0
60°	6.0	5.9	8.2	9.3	8.5	6.0	9.4	11.1	10.7	9.2	9.1
57.5°	14.6	17.7	20.0	21.0	24.4	29.7	30.7	28.9	28.3	28.9	33.4
55°	25.3	27.9	29.2	33.7	37.7	40.6	42.3	44.1	46.6	49.8	53.0
52.5°	35.9	39.3	42.0	46.0	50.8	52.5	52.0	58.2	63.0	66.1	67.3
50°	49.2	53.5	59.8	66.1	68.9	71.5	74.3	79.4	86.8	96.0	101.2
47.5°	63.6	70.5	77.0	84.2	87.9	90.7	94.9	103.7	114.3	124.2	129.3
45°	76.6	82.7	90.2	96.4	100.9	106.4	112.6	120.5	132.3	142.6	149.7
42.5°	87.0	93.9	101.5	109.1	113.7	121.2	130.5	141.3	153.6	164.3	172.3
40°	101.6	107.4	119.6	126.8	128.7	135.6	154.2	169.1	183.0	196.2	202.7
37.5°	119.3	130.6	143.3	149.8	156.3	168.5	193.5	217.4	235.1	253.0	262.8
35°	139.4	154.3	171.5	179.2	193.0	219.7	249.0	282.3	323.7	341.0	356.9
32.5°	158.9	175.6	191.5	208.8	232.9	264.7	297.7	351.7	402.1	441.1	469.6
30°	176.2	193.9	213.6	235.9	269.8	313.7	368.8	438.7	509.7	571.7	624.1
27.5°	193.3	213.4	236.9	270.1	317.8	377.5	465.5	565.1	683.6	771.0	875.3
25°	212.0	235.1	265.2	313.3	377.7	466.9	607.6	769.3	963.7	1121.3	1286.3
22.5°	234.2	268.2	306.3	360.0	472.6	619.5	811.7	1088.1	1387.2	1663.7	1929.9
20°	260.9	307.4	368.8	467.6	612.0	829.3	1163.2	1604.4	2044.2	2512.6	2963.4
17.5°	299.1	366.2	461.5	602.1	792.5	1222.3	1764.1	2446.5	3323.0	4117.4	4811.0
15°	335.0	415.1	565.5	775.8	1107.8	1677.5	2500.5	3626.7	4992.8	6237.8	7552.8
12.5°	372.6	467.2	640.0	907.7	1369.0	2110.7	3267.3	4810.3	6521.0	8397.4	10534.7
10°	402.5	517.3	724.2	1063.5	1632.2	2555.8	3933.4	5804.8	8078.0	10855.0	14271.7
7.5°	422.6	557.5	793.6	1177.6	1874.5	3011.0	4669.4	6918.8	9760.6	13439.6	18220.5
5°	438.3	588.1	845.9	1281.7	2079.5	3358.5	5214.8	7894.2	11256.0	16185.2	24287.5
2.5°	451.0	611.5	878.2	1353.3	2208.2	3600.4	5580.6	8446.2	12146.2	18215.2	28726.7
0°	460.9	632.8	899.3	1397.5	2306.8	3624.6	5694.8	8547.1	12465.7	18581.5	29682.1
-2.5°	465.1	644.1	906.5	1407.2	2296.9	3666.2	5729.6	8627.8	12453.7	18380.8	28615.1
-5°	472.1	643.9	901.1	1397.3	2245.5	3558.8	5502.1	8176.4	11702.4	16799.9	25184.7
-7.5°	477.1	633.7	875.0	1334.0	2110.7	3326.6	5102.2	7428.4	10334.9	14205.4	19398.4
-10°	472.5	613.9	831.5	1227.8	1901.1	2954.1	4494.2	6441.0	8856.6	11724.9	15253.2
-12.5°	454.7	577.6	760.5	1079.1	1629.7	2536.9	3882.6	5540.1	7328.0	9342.4	11780.5
-15°	432.2	538.3	696.6	977.0	1428.4	2123.3	3105.8	4450.4	5884.7	7414.2	9045.1
-17.5°	414.8	503.9	634.9	837.9	1170.0	1722.5	2494.5	3449.8	4503.7	5668.2	6634.7
-20°	391.1	461.5	571.5	737.3	990.6	1356.7	1919.0	2612.9	3308.4	4127.2	4794.8

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626918 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	367.3	428.7	512.4	633.7	822.2	1098.8	1446.2	1909.6	2418.1	2888.1	3350.7
-25°	345.3	392.6	460.3	559.8	687.7	876.4	1123.7	1389.5	1724.7	2010.8	2328.3
-27.5°	327.4	368.0	418.0	491.0	590.2	711.6	888.7	1066.8	1243.1	1387.4	1606.0
-30°	310.2	342.9	384.7	436.7	511.1	604.6	719.6	835.1	936.9	1029.7	1143.5
-32.5°	293.3	319.9	351.9	395.1	448.5	518.8	589.5	672.3	743.0	808.3	868.7
-35°	276.3	300.0	324.5	360.8	403.4	453.3	504.7	560.8	609.8	653.7	692.6
-37.5°	261.0	281.9	304.8	331.9	366.2	403.8	445.7	486.5	518.9	547.4	571.0
-40°	248.1	267.1	286.7	308.4	334.5	364.1	399.8	433.7	456.4	473.8	488.2
-42.5°	236.6	253.2	270.0	288.4	308.5	334.2	362.3	390.3	405.7	419.1	429.5
-45°	227.3	240.1	254.2	269.9	287.7	309.2	331.3	350.7	364.3	375.9	384.6
-47.5°	215.1	227.4	239.6	252.6	269.1	287.1	305.4	320.2	332.2	342.2	348.8
-50°	201.6	214.6	225.7	237.2	252.4	267.6	282.3	294.6	306.0	315.9	321.1
-52.5°	187.7	201.6	213.3	224.4	237.2	250.5	263.8	274.3	284.2	293.6	297.5
-55°	177.6	190.4	202.6	213.0	223.5	234.1	245.0	255.9	265.8	274.6	277.3
-57.5°	166.8	179.8	191.8	201.2	210.7	220.3	230.2	240.0	249.6	258.1	260.2
-60°	153.5	167.7	178.3	187.2	196.4	205.9	214.5	223.3	232.1	239.6	241.9
-62.5°	136.7	149.6	160.1	169.4	178.3	186.5	195.0	203.2	211.2	217.0	218.9
-65°	116.5	127.5	138.3	148.1	156.8	164.8	172.5	180.1	187.3	192.5	195.0
-67.5°	100.6	108.5	117.2	125.6	134.4	142.6	149.6	156.2	162.4	166.8	169.5
-70°	85.3	92.8	100.9	108.9	116.6	123.2	128.8	134.3	139.6	143.4	146.3
-72.5°	70.5	76.9	83.7	90.8	97.8	103.8	109.0	113.8	118.4	121.7	124.4
-75°	57.3	62.5	68.3	74.0	79.7	84.4	88.7	92.9	96.9	99.9	102.3
-77.5°	45.4	49.9	54.4	58.9	63.3	66.8	69.9	73.0	76.0	78.3	80.5
-80°	33.7	37.2	40.7	44.3	47.9	50.5	52.9	55.2	57.3	58.6	59.9
-82.5°	23.0	25.4	28.0	30.5	33.0	35.0	36.8	38.7	40.5	41.1	41.6
-85°	14.7	15.9	17.2	18.6	20.0	21.1	22.1	23.1	24.0	24.9	25.7
-87.5°	8.2	8.4	8.7	8.9	9.1	9.8	10.6	11.3	12.1	12.2	12.3
-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: P626918 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-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	0.2	0.5
62.5°	2.2	2.4	2.5	2.5	2.5	2.4	2.2	2.0	1.8	1.9	2.3
60°	8.6	7.6	7.4	7.5	7.4	7.6	8.6	9.1	9.2	10.7	11.1
57.5°	37.9	42.1	43.3	42.3	43.3	42.1	37.9	33.4	28.9	28.3	28.9
55°	55.2	56.5	57.1	57.3	57.1	56.5	55.2	53.0	49.8	46.6	44.1
52.5°	67.6	67.2	67.1	67.3	67.1	67.2	67.6	67.3	66.1	63.0	58.2
50°	101.6	99.8	99.0	99.6	99.0	99.8	101.6	101.2	96.0	86.8	79.4
47.5°	129.9	130.5	131.4	132.0	131.4	130.5	129.9	129.3	124.2	114.3	103.7
45°	151.7	153.1	154.0	154.5	154.0	153.1	151.7	149.7	142.6	132.3	120.5
42.5°	174.0	174.2	173.9	174.4	173.9	174.2	174.0	172.3	164.3	153.6	141.3
40°	205.4	206.1	205.4	204.3	205.4	206.1	205.4	202.7	196.2	183.0	169.1
37.5°	268.5	269.4	266.4	264.1	266.4	269.4	268.5	262.8	253.0	235.1	217.4
35°	371.3	381.9	387.0	388.6	387.0	381.9	371.3	356.9	341.0	323.7	282.3
32.5°	489.3	504.1	511.6	518.2	511.6	504.1	489.3	469.6	441.1	402.1	351.7
30°	658.5	685.8	697.9	715.0	697.9	685.8	658.5	624.1	571.7	509.7	438.7
27.5°	934.5	982.5	1009.2	1033.8	1009.2	982.5	934.5	875.3	771.0	683.6	565.1
25°	1406.2	1498.7	1558.6	1586.9	1558.6	1498.7	1406.2	1286.3	1121.3	963.7	769.3
22.5°	2187.5	2358.1	2489.7	2516.1	2489.7	2358.1	2187.5	1929.9	1663.7	1387.2	1088.1
20°	3400.8	3644.9	3843.5	3943.5	3843.5	3644.9	3400.8	2963.4	2512.6	2044.2	1604.4
17.5°	5637.1	6144.7	6376.7	6414.7	6376.7	6144.7	5637.1	4811.0	4117.4	3323.0	2446.5
15°	8963.9	9822.9	10368.3	10719.4	10368.3	9822.9	8963.9	7552.8	6237.8	4992.8	3626.7
12.5°	12759.6	15200.7	16589.6	17119.2	16589.6	15200.7	12759.6	10534.7	8397.4	6521.0	4810.3
10°	17911.3	23657.8	26972.7	28640.8	26972.7	23657.8	17911.3	14271.7	10855.0	8078.0	5804.8
7.5°	26655.0	35530.6	45364.4	49914.0	45364.4	35530.6	26655.0	18220.5	13439.6	9760.6	6918.8
5°	35846.7	55333.9	72438.0	80628.6	72438.0	55333.9	35846.7	24287.5	16185.2	11256.0	7894.2
2.5°	46411.1	72691.5	96989.8	107206.7	96989.8	72691.5	46411.1	28726.7	18215.2	12146.2	8446.2
0°	50477.0	81089.5	107663.8	117692.0	107663.8	81089.5	50477.0	29682.1	18581.5	12465.7	8547.1
-2.5°	47039.7	73964.7	97407.3	108865.8	97407.3	73964.7	47039.7	28615.1	18380.8	12453.7	8627.8
-5°	37375.5	55638.9	73000.4	82337.5	73000.4	55638.9	37375.5	25184.7	16799.9	11702.4	8176.4
-7.5°	27431.3	37373.7	47015.6	50387.3	47015.6	37373.7	27431.3	19398.4	14205.4	10334.9	7428.4
-10°	19098.2	24791.6	28549.8	29622.3	28549.8	24791.6	19098.2	15253.2	11724.9	8856.6	6441.0
-12.5°	14159.4	16649.7	18382.3	18683.6	18382.3	16649.7	14159.4	11780.5	9342.4	7328.0	5540.1
-15°	10484.7	11751.1	12644.7	12704.9	12644.7	11751.1	10484.7	9045.1	7414.2	5884.7	4450.4
-17.5°	7664.3	8514.4	8965.4	8933.3	8965.4	8514.4	7664.3	6634.7	5668.2	4503.7	3449.8
-20°	5480.5	5992.9	6356.3	6285.2	6356.3	5992.9	5480.5	4794.8	4127.2	3308.4	2612.9

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626918 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	3821.4	4161.5	4374.4	4319.7	4374.4	4161.5	3821.4	3350.7	2888.1	2418.1	1909.6
-25°	2596.6	2781.9	2887.4	2869.8	2887.4	2781.9	2596.6	2328.3	2010.8	1724.7	1389.5
-27.5°	1769.4	1867.3	1900.0	1898.3	1900.0	1867.3	1769.4	1606.0	1387.4	1243.1	1066.8
-30°	1228.1	1293.9	1331.5	1307.9	1331.5	1293.9	1228.1	1143.5	1029.7	936.9	835.1
-32.5°	915.3	952.4	973.9	951.6	973.9	952.4	915.3	868.7	808.3	743.0	672.3
-35°	721.4	740.1	747.7	734.9	747.7	740.1	721.4	692.6	653.7	609.8	560.8
-37.5°	588.1	599.1	602.8	595.4	602.8	599.1	588.1	571.0	547.4	518.9	486.5
-40°	498.4	505.1	506.8	500.7	506.8	505.1	498.4	488.2	473.8	456.4	433.7
-42.5°	436.0	440.0	441.0	438.4	441.0	440.0	436.0	429.5	419.1	405.7	390.3
-45°	389.7	393.1	393.8	391.1	393.8	393.1	389.7	384.6	375.9	364.3	350.7
-47.5°	352.1	354.3	354.8	353.7	354.8	354.3	352.1	348.8	342.2	332.2	320.2
-50°	323.4	324.9	325.0	323.8	325.0	324.9	323.4	321.1	315.9	306.0	294.6
-52.5°	299.4	300.4	301.1	301.4	301.1	300.4	299.4	297.5	293.6	284.2	274.3
-55°	279.1	280.4	281.2	281.5	281.2	280.4	279.1	277.3	274.6	265.8	255.9
-57.5°	261.9	263.1	263.9	264.1	263.9	263.1	261.9	260.2	258.1	249.6	240.0
-60°	243.9	245.4	246.3	246.6	246.3	245.4	243.9	241.9	239.6	232.1	223.3
-62.5°	220.2	220.8	221.4	221.7	221.4	220.8	220.2	218.9	217.0	211.2	203.2
-65°	197.0	198.3	199.1	199.3	199.1	198.3	197.0	195.0	192.5	187.3	180.1
-67.5°	171.7	173.5	175.3	176.9	175.3	173.5	171.7	169.5	166.8	162.4	156.2
-70°	148.9	151.1	151.8	152.0	151.8	151.1	148.9	146.3	143.4	139.6	134.3
-72.5°	126.7	128.8	130.5	132.0	130.5	128.8	126.7	124.4	121.7	118.4	113.8
-75°	104.5	106.5	107.0	107.1	107.0	106.5	104.5	102.3	99.9	96.9	92.9
-77.5°	82.4	84.2	84.6	84.7	84.6	84.2	82.4	80.5	78.3	76.0	73.0
-80°	61.0	62.0	63.4	64.8	63.4	62.0	61.0	59.9	58.6	57.3	55.2
-82.5°	41.9	42.1	42.3	42.3	42.3	42.1	41.9	41.6	41.1	40.5	38.7
-85°	26.5	27.3	27.4	27.4	27.4	27.3	26.5	25.7	24.9	24.0	23.1
-87.5°	12.4	12.5	12.5	12.5	12.5	12.5	12.4	12.3	12.2	12.1	11.3
-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: P626918 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-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	0.2
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°	2.5	2.8	2.9	2.6	1.9	1.2	1.5	1.7	1.2	0.2	0.9
60°	9.4	6.0	8.5	9.3	8.2	5.9	6.0	5.6	4.6	3.7	2.4
57.5°	30.7	29.7	24.4	21.0	20.0	17.7	14.6	11.7	10.3	8.3	5.9
55°	42.3	40.6	37.7	33.7	29.2	27.9	25.3	21.7	18.3	14.2	11.5
52.5°	52.0	52.5	50.8	46.0	42.0	39.3	35.9	32.4	28.2	24.2	18.9
50°	74.3	71.5	68.9	66.1	59.8	53.5	49.2	44.5	38.4	33.9	29.4
47.5°	94.9	90.7	87.9	84.2	77.0	70.5	63.6	57.0	49.4	42.3	37.9
45°	112.6	106.4	100.9	96.4	90.2	82.7	76.6	69.2	60.6	52.4	44.7
42.5°	130.5	121.2	113.7	109.1	101.5	93.9	87.0	81.3	72.0	62.4	54.7
40°	154.2	135.6	128.7	126.8	119.6	107.4	101.6	95.4	85.4	72.9	65.3
37.5°	193.5	168.5	156.3	149.8	143.3	130.6	119.3	111.1	102.2	88.1	77.2
35°	249.0	219.7	193.0	179.2	171.5	154.3	139.4	128.1	117.4	104.1	90.0
32.5°	297.7	264.7	232.9	208.8	191.5	175.6	158.9	145.0	130.9	117.3	103.4
30°	368.8	313.7	269.8	235.9	213.6	193.9	176.2	159.4	143.5	129.1	115.2
27.5°	465.5	377.5	317.8	270.1	236.9	213.4	193.3	173.6	155.6	140.1	125.7
25°	607.6	466.9	377.7	313.3	265.2	235.1	212.0	189.3	168.3	150.6	138.4
22.5°	811.7	619.5	472.6	360.0	306.3	268.2	234.2	205.6	181.7	166.0	151.6
20°	1163.2	829.3	612.0	467.6	368.8	307.4	260.9	227.4	203.0	182.7	164.8
17.5°	1764.1	1222.3	792.5	602.1	461.5	366.2	299.1	254.6	223.9	199.6	178.2
15°	2500.5	1677.5	1107.8	775.8	565.5	415.1	335.0	281.6	245.3	217.2	191.7
12.5°	3267.3	2110.7	1369.0	907.7	640.0	467.2	372.6	312.4	266.7	230.0	200.6
10°	3933.4	2555.8	1632.2	1063.5	724.2	517.3	402.5	331.9	279.5	239.2	208.2
7.5°	4669.4	3011.0	1874.5	1177.6	793.6	557.5	422.6	344.9	290.0	246.8	214.4
5°	5214.8	3358.5	2079.5	1281.7	845.9	588.1	438.3	354.3	298.3	253.0	219.3
2.5°	5580.6	3600.4	2208.2	1353.3	878.2	611.5	451.0	363.0	304.7	259.2	224.8
0°	5694.8	3624.6	2306.8	1397.5	899.3	632.8	460.9	371.2	308.9	264.1	229.2
-2.5°	5729.6	3666.2	2296.9	1407.2	906.5	644.1	465.1	372.7	312.2	265.9	229.8
-5°	5502.1	3558.8	2245.5	1397.3	901.1	643.9	472.1	375.4	314.0	266.5	229.3
-7.5°	5102.2	3326.6	2110.7	1334.0	875.0	633.7	477.1	379.0	315.7	268.5	231.1
-10°	4494.2	2954.1	1901.1	1227.8	831.5	613.9	472.5	377.0	314.6	268.2	231.5
-12.5°	3882.6	2536.9	1629.7	1079.1	760.5	577.6	454.7	369.3	310.7	265.4	230.4
-15°	3105.8	2123.3	1428.4	977.0	696.6	538.3	432.2	357.2	304.0	260.5	227.8
-17.5°	2494.5	1722.5	1170.0	837.9	634.9	503.9	414.8	347.4	296.2	255.5	224.2
-20°	1919.0	1356.7	990.6	737.3	571.5	461.5	391.1	333.0	287.1	250.2	220.9

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

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REPORT NUMBER: P626918 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	1446.2	1098.8	822.2	633.7	512.4	428.7	367.3	316.9	276.2	242.8	216.5
-25°	1123.7	876.4	687.7	559.8	460.3	392.6	345.3	304.1	267.5	235.4	211.2
-27.5°	888.7	711.6	590.2	491.0	418.0	368.0	327.4	290.9	258.1	229.9	205.9
-30°	719.6	604.6	511.1	436.7	384.7	342.9	310.2	279.6	249.4	222.7	200.2
-32.5°	589.5	518.8	448.5	395.1	351.9	319.9	293.3	267.5	238.7	215.4	194.2
-35°	504.7	453.3	403.4	360.8	324.5	300.0	276.3	252.2	228.8	207.1	187.4
-37.5°	445.7	403.8	366.2	331.9	304.8	281.9	261.0	239.7	218.4	198.5	180.3
-40°	399.8	364.1	334.5	308.4	286.7	267.1	248.1	228.4	209.5	189.6	172.7
-42.5°	362.3	334.2	308.5	288.4	270.0	253.2	236.6	219.5	200.9	182.0	164.2
-45°	331.3	309.2	287.7	269.9	254.2	240.1	227.3	210.2	192.1	173.2	155.2
-47.5°	305.4	287.1	269.1	252.6	239.6	227.4	215.1	200.0	181.0	163.1	147.7
-50°	282.3	267.6	252.4	237.2	225.7	214.6	201.6	185.9	169.4	154.7	140.2
-52.5°	263.8	250.5	237.2	224.4	213.3	201.6	187.7	174.0	160.0	146.2	132.9
-55°	245.0	234.1	223.5	213.0	202.6	190.4	177.6	164.0	150.3	137.4	123.8
-57.5°	230.2	220.3	210.7	201.2	191.8	179.8	166.8	153.5	139.3	126.3	113.5
-60°	214.5	205.9	196.4	187.2	178.3	167.7	153.5	139.9	126.8	114.4	102.1
-62.5°	195.0	186.5	178.3	169.4	160.1	149.6	136.7	124.1	112.8	102.0	90.9
-65°	172.5	164.8	156.8	148.1	138.3	127.5	116.5	107.3	98.5	89.4	79.6
-67.5°	149.6	142.6	134.4	125.6	117.2	108.5	100.6	92.7	84.5	76.1	67.4
-70°	128.8	123.2	116.6	108.9	100.9	92.8	85.3	77.9	70.3	63.3	56.6
-72.5°	109.0	103.8	97.8	90.8	83.7	76.9	70.5	64.6	58.7	52.8	46.8
-75°	88.7	84.4	79.7	74.0	68.3	62.5	57.3	52.4	47.5	42.4	37.3
-77.5°	69.9	66.8	63.3	58.9	54.4	49.9	45.4	41.1	37.0	33.1	29.6
-80°	52.9	50.5	47.9	44.3	40.7	37.2	33.7	30.7	27.9	25.3	22.8
-82.5°	36.8	35.0	33.0	30.5	28.0	25.4	23.0	21.2	19.4	17.7	16.0
-85°	22.1	21.1	20.0	18.6	17.2	15.9	14.7	13.7	12.7	11.6	10.5
-87.5°	10.6	9.8	9.1	8.9	8.7	8.4	8.2	7.4	6.7	6.0	5.3
-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: P626918 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	8.2	6.0	4.2	3.4	2.8	2.5	2.6	2.5	2.5	2.3	2.5
52.5°	14.1	10.3	7.6	5.1	3.8	2.8	2.8	2.5	2.5	2.4	2.5
50°	22.5	16.2	11.9	8.6	5.3	4.2	3.2	2.9	2.5	2.5	2.5
47.5°	33.0	24.2	17.3	12.5	8.8	5.7	4.4	3.5	2.5	2.5	2.5
45°	40.7	33.8	24.1	17.5	12.4	8.5	6.0	4.1	3.1	2.6	2.5
42.5°	48.2	42.0	32.9	22.4	16.9	11.7	7.7	5.5	3.8	2.7	2.6
40°	57.9	50.1	41.2	30.5	22.0	14.9	10.4	7.1	4.6	3.2	2.8
37.5°	67.9	59.2	49.5	38.4	27.7	19.7	13.1	8.8	5.8	4.1	3.0
35°	79.1	68.6	57.6	45.9	34.5	24.7	15.8	10.8	7.4	5.0	3.3
32.5°	90.5	77.7	65.2	53.1	40.9	29.8	19.6	13.3	8.9	5.9	3.7
30°	101.5	86.7	72.2	60.1	46.9	35.3	24.3	16.1	10.3	6.9	4.2
27.5°	111.4	95.5	79.0	66.2	53.0	40.4	29.1	19.1	11.7	8.0	5.0
25°	121.9	104.5	86.8	71.8	58.7	45.5	33.5	22.3	13.8	9.2	5.8
22.5°	133.7	113.5	94.2	76.7	64.7	50.6	37.7	26.2	16.3	10.3	6.6
20°	146.5	122.4	101.7	83.8	70.4	55.7	41.9	29.7	18.9	11.4	7.4
17.5°	159.5	132.2	110.8	91.8	75.9	60.6	45.9	32.9	21.4	12.4	8.2
15°	168.4	142.1	119.0	99.4	81.5	65.0	49.7	35.8	23.9	13.3	8.9
12.5°	175.8	150.5	126.2	106.4	86.9	69.1	53.2	38.4	26.4	14.6	9.7
10°	182.4	157.7	132.5	112.8	92.3	72.8	56.4	40.7	28.7	16.2	10.4
7.5°	188.0	163.6	137.9	118.6	97.3	76.5	59.1	42.7	30.7	17.8	11.0
5°	192.8	168.6	142.4	122.3	102.0	80.5	61.4	44.5	32.3	19.4	11.6
2.5°	196.5	173.3	146.3	125.0	106.1	84.1	63.3	46.0	33.7	21.0	12.1
0°	199.3	176.9	149.5	127.0	109.6	87.2	64.8	47.3	34.9	22.4	12.5
-2.5°	201.1	177.5	152.9	129.4	111.7	89.8	67.8	48.9	35.8	23.7	13.2
-5°	201.9	177.4	155.4	131.2	113.2	91.9	70.3	50.2	36.6	24.8	13.9
-7.5°	203.0	178.2	156.8	132.6	114.2	93.5	72.3	51.2	37.1	25.7	14.5
-10°	203.4	179.1	157.2	134.4	115.1	94.7	73.5	51.9	37.5	26.3	15.0
-12.5°	202.8	179.0	157.1	135.3	115.5	95.3	74.2	52.8	37.9	26.7	15.5
-15°	201.2	177.9	156.7	135.4	115.4	95.6	74.4	53.7	38.6	26.8	15.9
-17.5°	198.8	175.9	156.1	134.6	114.9	95.4	74.2	54.2	39.0	26.6	16.2
-20°	196.3	174.0	155.3	132.8	114.1	94.9	73.5	54.1	39.0	26.2	16.6

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REPORT NUMBER: P626918 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	193.0	172.2	152.5	131.0	112.8	94.0	72.5	53.5	38.5	25.7	16.8
-25°	189.0	169.5	149.4	129.6	111.2	92.2	71.3	52.3	37.6	24.9	16.9
-27.5°	184.9	165.9	146.1	127.7	109.0	90.1	69.7	51.2	36.3	23.9	16.8
-30°	180.1	161.7	143.2	125.0	106.0	87.1	67.4	49.4	35.0	23.4	16.6
-32.5°	174.9	157.6	139.9	121.0	102.2	83.7	64.5	47.1	33.4	23.1	16.5
-35°	169.7	153.0	135.9	116.0	98.1	80.0	61.6	44.0	31.7	22.6	16.2
-37.5°	163.5	147.3	129.5	110.6	93.7	76.1	58.8	42.3	29.7	22.0	15.9
-40°	156.5	140.3	122.2	105.6	89.1	72.0	55.8	40.8	28.4	21.1	15.5
-42.5°	148.7	132.5	116.3	100.4	84.3	68.4	52.7	38.9	27.8	20.4	15.1
-45°	140.6	125.4	110.7	95.1	79.5	64.7	50.1	36.8	27.0	19.8	14.6
-47.5°	133.0	119.4	104.7	89.4	75.3	61.0	47.1	35.4	25.8	19.1	14.1
-50°	126.7	112.8	98.1	83.7	70.3	57.1	44.0	33.5	24.8	18.4	13.5
-52.5°	119.3	105.3	91.0	77.3	65.0	52.7	41.3	31.3	23.5	17.5	12.8
-55°	110.5	96.7	83.0	71.0	59.5	48.7	38.2	29.1	21.7	16.5	12.0
-57.5°	100.3	86.9	75.6	64.7	53.9	44.1	34.7	26.3	20.1	15.3	11.0
-60°	89.8	79.0	68.7	58.0	48.1	39.1	30.7	23.6	18.5	14.0	10.0
-62.5°	80.5	70.6	60.4	50.7	42.0	33.9	26.6	21.5	16.8	12.6	8.8
-65°	70.0	60.6	51.5	43.5	35.8	29.0	23.9	19.2	14.9	11.0	7.8
-67.5°	58.8	51.2	43.6	36.3	30.6	25.6	21.0	16.7	12.8	9.3	7.1
-70°	49.7	42.6	36.4	31.2	26.4	22.0	17.9	14.1	10.7	8.4	6.4
-72.5°	41.0	35.6	30.6	26.2	22.1	18.2	14.7	11.6	9.3	7.3	5.7
-75°	32.7	28.7	24.8	21.0	17.5	14.4	12.1	9.8	7.9	6.2	4.9
-77.5°	26.1	22.6	19.1	16.4	14.3	12.1	9.9	7.9	6.5	5.4	4.3
-80°	20.1	17.7	15.5	13.7	11.7	9.8	8.1	6.6	5.6	4.6	3.6
-82.5°	14.4	13.2	12.1	11.0	9.4	8.0	6.7	5.6	4.7	3.8	2.8
-85°	9.9	9.3	8.7	8.2	7.2	6.2	5.2	4.2	3.3	2.6	1.9
-87.5°	5.1	4.8	4.6	4.3	3.7	3.1	2.6	2.1	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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CATALOG NUMBER: GFLD-SA2C-735-U-NR-VSR-XX

**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°	3.7	2.5	2.5	2.5	2.4	1.9	0.0
20°	4.0	2.7	2.5	2.5	2.4	1.9	0.0
17.5°	4.5	3.0	2.5	2.5	2.4	2.0	0.0
15°	5.0	3.2	2.5	2.5	2.5	2.1	0.0
12.5°	5.5	3.5	2.5	2.5	2.5	2.2	0.0
10°	5.9	3.8	2.5	2.5	2.5	2.2	0.0
7.5°	6.4	4.1	2.5	2.5	2.5	2.3	0.0
5°	6.8	4.4	2.5	2.5	2.5	2.4	0.0
2.5°	7.2	4.7	2.5	2.5	2.5	2.4	0.0
0°	7.5	5.0	2.5	2.5	2.5	2.5	0.0
-2.5°	8.2	5.3	2.7	2.5	2.5	2.5	0.0
-5°	8.8	5.5	2.9	2.5	2.5	2.5	0.0
-7.5°	9.3	5.7	3.1	2.5	2.5	2.5	0.0
-10°	9.8	5.9	3.3	2.5	2.5	2.5	0.0
-12.5°	10.2	6.1	3.5	2.5	2.5	2.4	0.0
-15°	10.5	6.2	3.6	2.5	2.5	2.4	0.0
-17.5°	10.7	6.3	3.7	2.5	2.5	2.4	0.0
-20°	10.9	6.4	3.8	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°	11.0	6.5	3.8	2.5	2.5	2.3	0.0
-25°	11.1	6.6	3.8	2.5	2.5	2.3	0.0
-27.5°	11.1	6.8	3.8	2.5	2.5	2.2	0.0
-30°	11.0	6.9	3.7	2.5	2.5	2.2	0.0
-32.5°	10.9	7.0	3.7	2.5	2.5	2.1	0.0
-35°	10.8	6.9	3.6	2.5	2.5	2.0	0.0
-37.5°	10.8	6.9	3.5	2.5	2.5	2.0	0.0
-40°	10.7	6.7	3.4	2.5	2.5	1.9	0.0
-42.5°	10.5	6.5	3.4	2.5	2.5	1.8	0.0
-45°	10.1	6.3	3.5	2.6	2.5	1.8	0.0
-47.5°	9.7	5.9	3.5	2.6	2.5	1.7	0.0
-50°	9.2	5.5	3.6	2.7	2.5	1.6	0.0
-52.5°	8.7	5.1	3.6	2.7	2.5	1.5	0.0
-55°	8.0	5.0	3.5	2.7	2.5	1.4	0.0
-57.5°	7.2	4.8	3.5	2.7	2.5	1.3	0.0
-60°	6.5	4.7	3.4	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°	5.8	4.2	3.2	2.6	2.1	1.1	0.0
-67.5°	5.3	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°	4.3	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)