

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: P626558 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626558 (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-SA1A-735-U-NR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (16) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

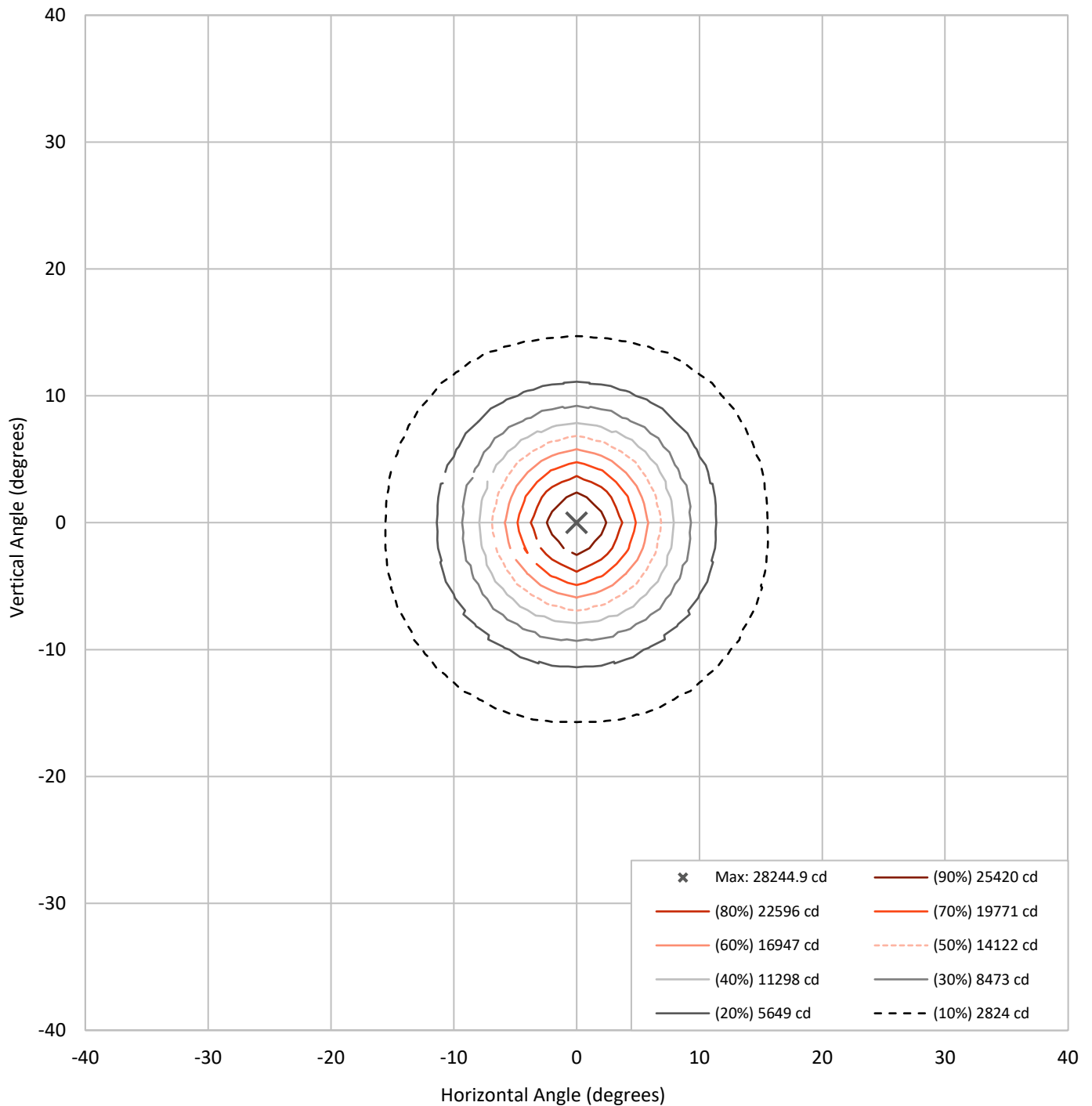
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	2786.4 lumens	Max Intensity:	28244.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	153.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	889.5 lumens	Field Lumens:	1981.3 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	18.1		
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-SA1A-735-U-NR-VSR-XX

### Iso-Candela Plot





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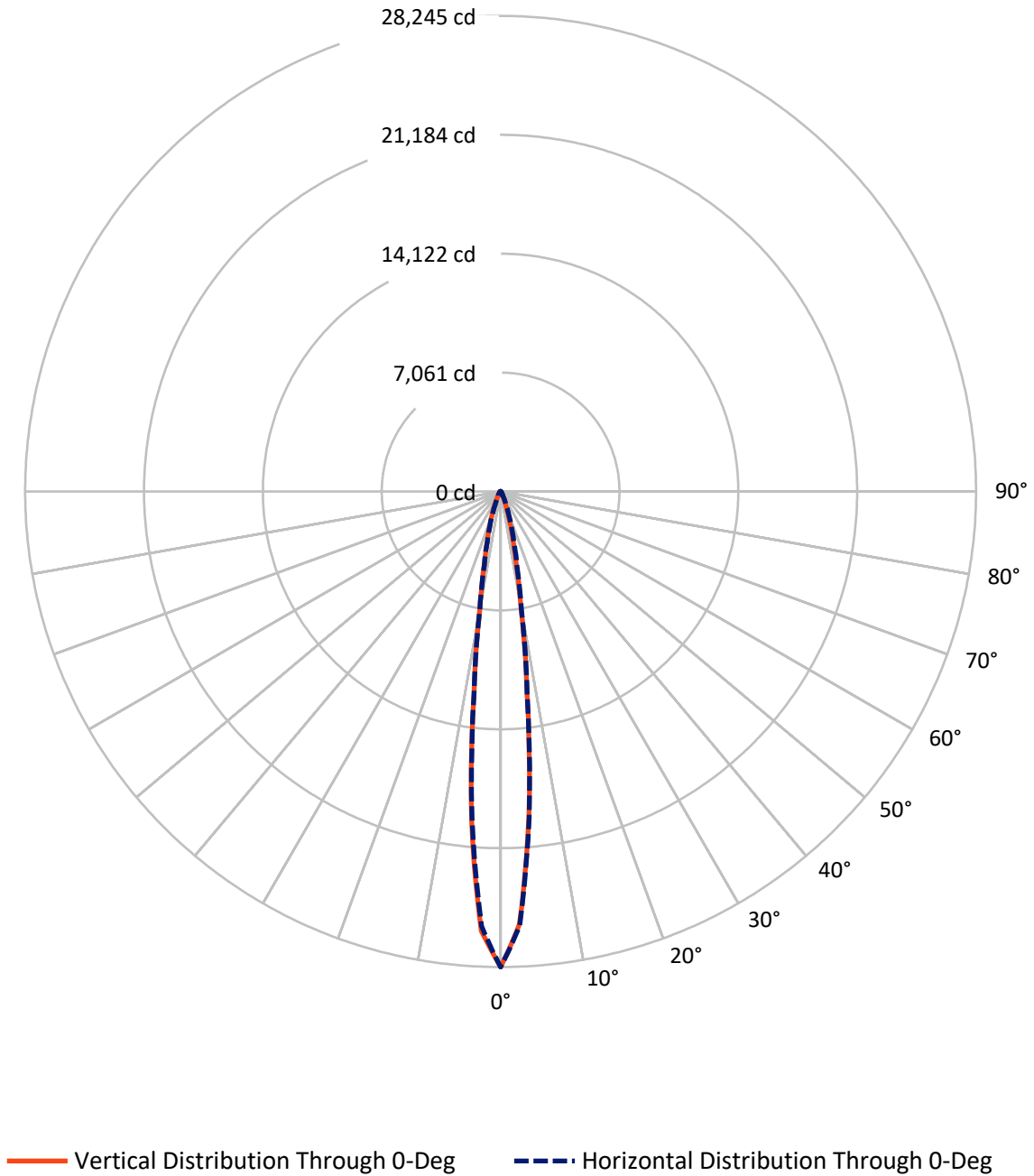
CATALOG NUMBER: GFLD-SA1A-735-U-NR-VSR-XX

### 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	0.0	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
60		0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.4	0.3	0.2	0.2	0.1	0.0	0.0		
50	0.0	0.0	0.1	0.2	0.5	0.7	0.9	1.1	1.1	0.9	0.7	0.5	0.2	0.1	0.0	0.0	
40		0.0	0.2	0.5	0.8	1.3	2.3	2.9	2.9	2.3	1.3	0.8	0.5	0.2	0.0		
30	0.0	0.1	0.3	0.7	1.3	2.8	7.6	12.5	12.5	7.6	2.8	1.3	0.7	0.3	0.1	0.0	
20		0.1	0.4	1.0	2.2	8.5	35.7	78.5	78.5	35.7	8.5	2.2	1.0	0.4	0.1		
10	0.0	0.1	0.5	1.2	2.9	15.9	85.6	383.8	383.8	85.6	15.9	2.9	1.2	0.5	0.1	0.0	
0		0.2	0.6	1.2	3.1	16.9	88.6	390.4	390.4	88.6	16.9	3.1	1.2	0.6	0.2		
-10	0.1	0.2	0.6	1.2	2.8	10.8	43.0	92.0	92.0	43.0	10.8	2.8	1.2	0.6	0.2	0.1	
-20		0.2	0.6	1.1	2.1	5.0	13.2	22.1	22.1	13.2	5.0	2.1	1.1	0.6	0.2		
-30	0.0	0.2	0.5	1.0	1.7	2.8	4.5	5.7	5.7	4.5	2.8	1.7	1.0	0.5	0.2	0.0	
-40		0.1	0.4	0.8	1.3	1.9	2.6	2.9	2.9	2.6	1.9	1.3	0.8	0.4	0.1		
-50	0.0	0.1	0.3	0.6	1.1	1.5	1.9	2.1	2.1	1.9	1.5	1.1	0.6	0.3	0.1	0.0	
-60		0.1	0.2	0.4	0.7	1.0	1.3	1.4	1.4	1.3	1.0	0.7	0.4	0.2	0.1		
-70	0.0	0.1	0.3	0.6	1.1	1.5	1.9	2.1	2.1	1.9	1.5	1.1	0.6	0.3	0.1	0.0	
-80		0.1	0.2	0.4	0.7	1.0	1.3	1.4	1.4	1.3	1.0	0.7	0.4	0.2	0.1		
-90	0.0	0.2	0.7	1.5	2.0	1.5	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

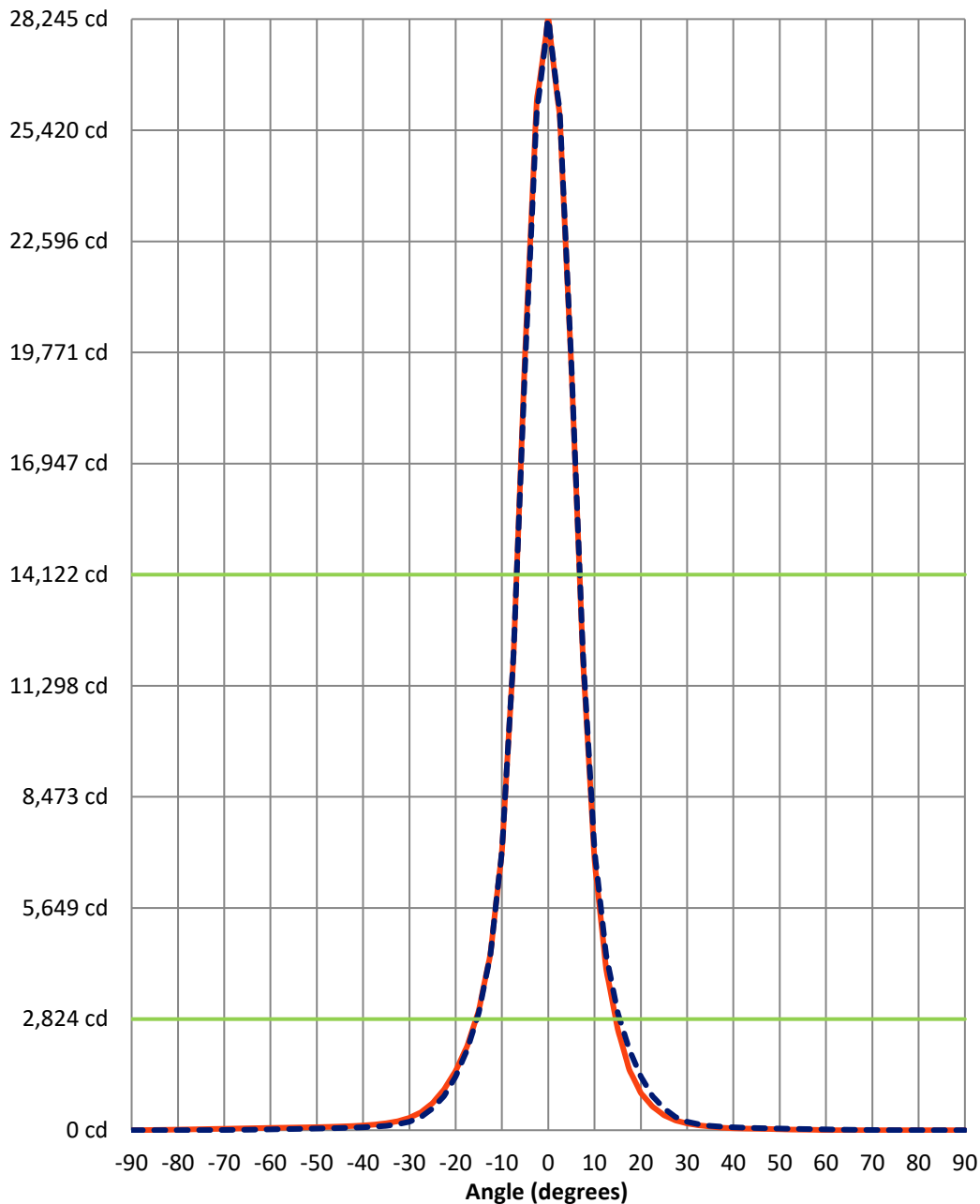
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 889.5  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 1981.3  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 805.1  
 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	0.0	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
72.5°	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1
70°	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.2	0.1
67.5°	0.0	0.1	0.0	0.1	0.2	0.2	0.2	0.3	0.4	0.2	0.1
65°	0.0	0.1	0.0	0.1	0.2	0.3	0.3	0.5	0.4	0.3	0.2
62.5°	0.0	0.2	0.1	0.2	0.3	0.3	0.5	0.6	0.4	0.3	0.4
60°	0.0	0.2	0.1	0.3	0.4	0.4	0.6	0.6	0.5	0.4	0.5
57.5°	0.0	0.2	0.1	0.3	0.4	0.5	0.6	0.6	0.5	0.5	0.6
55°	0.0	0.2	0.2	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6
52.5°	0.0	0.2	0.2	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6
50°	0.0	0.2	0.3	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7
47.5°	0.0	0.3	0.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8
45°	0.0	0.3	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.7	1.0
42.5°	0.0	0.3	0.4	0.6	0.6	0.6	0.6	0.6	0.7	0.9	1.3
40°	0.0	0.3	0.4	0.6	0.6	0.6	0.6	0.7	0.8	1.1	1.7
37.5°	0.0	0.3	0.4	0.6	0.6	0.6	0.6	0.7	1.0	1.4	2.1
35°	0.0	0.4	0.5	0.6	0.6	0.6	0.6	0.8	1.2	1.8	2.6
32.5°	0.0	0.4	0.5	0.6	0.6	0.6	0.6	0.9	1.4	2.1	3.2
30°	0.0	0.4	0.5	0.6	0.6	0.6	0.7	1.0	1.7	2.5	3.9
27.5°	0.0	0.4	0.5	0.6	0.6	0.6	0.7	1.2	1.9	2.8	4.6
25°	0.0	0.4	0.6	0.6	0.6	0.6	0.8	1.4	2.2	3.3	5.4
22.5°	0.0	0.4	0.6	0.6	0.6	0.6	0.9	1.6	2.5	3.9	6.3
20°	0.0	0.5	0.6	0.6	0.6	0.7	1.0	1.8	2.7	4.5	7.1
17.5°	0.0	0.5	0.6	0.6	0.6	0.7	1.1	2.0	3.0	5.2	7.9
15°	0.0	0.5	0.6	0.6	0.6	0.8	1.2	2.1	3.2	5.8	8.6
12.5°	0.0	0.5	0.6	0.6	0.6	0.8	1.3	2.3	3.5	6.4	9.2
10°	0.0	0.5	0.6	0.6	0.6	0.9	1.4	2.5	3.9	6.9	9.8
7.5°	0.0	0.6	0.6	0.6	0.6	1.0	1.5	2.6	4.3	7.4	10.3
5°	0.0	0.6	0.6	0.6	0.6	1.1	1.6	2.8	4.7	7.8	10.7
2.5°	0.0	0.6	0.6	0.6	0.6	1.1	1.7	2.9	5.1	8.1	11.1
0°	0.0	0.6	0.6	0.6	0.6	1.2	1.8	3.0	5.4	8.4	11.4
-2.5°	0.0	0.6	0.6	0.6	0.7	1.3	2.0	3.2	5.7	8.6	11.8
-5°	0.0	0.6	0.6	0.6	0.7	1.3	2.1	3.3	6.0	8.8	12.1
-7.5°	0.0	0.6	0.6	0.6	0.8	1.4	2.2	3.5	6.2	8.9	12.3
-10°	0.0	0.6	0.6	0.6	0.8	1.4	2.4	3.6	6.3	9.0	12.5
-12.5°	0.0	0.6	0.6	0.6	0.8	1.5	2.5	3.7	6.4	9.1	12.7
-15°	0.0	0.6	0.6	0.6	0.9	1.5	2.5	3.8	6.5	9.3	12.9
-17.5°	0.0	0.6	0.6	0.6	0.9	1.5	2.6	3.9	6.4	9.4	13.0
-20°	0.0	0.6	0.6	0.6	0.9	1.5	2.6	4.0	6.3	9.4	13.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1A-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	0.6	0.6	0.6	0.9	1.6	2.6	4.0	6.2	9.3	12.8
-25°	0.0	0.5	0.6	0.6	0.9	1.6	2.7	4.1	6.0	9.1	12.5
-27.5°	0.0	0.5	0.6	0.6	0.9	1.6	2.7	4.1	5.8	8.8	12.3
-30°	0.0	0.5	0.6	0.6	0.9	1.7	2.6	4.0	5.6	8.4	11.9
-32.5°	0.0	0.5	0.6	0.6	0.9	1.7	2.6	4.0	5.6	8.1	11.3
-35°	0.0	0.5	0.6	0.6	0.9	1.7	2.6	3.9	5.4	7.6	10.6
-37.5°	0.0	0.5	0.6	0.6	0.8	1.6	2.6	3.8	5.3	7.2	10.2
-40°	0.0	0.5	0.6	0.6	0.8	1.6	2.6	3.7	5.1	6.8	9.8
-42.5°	0.0	0.4	0.6	0.6	0.8	1.6	2.5	3.6	4.9	6.7	9.4
-45°	0.0	0.4	0.6	0.6	0.8	1.5	2.4	3.5	4.8	6.5	8.9
-47.5°	0.0	0.4	0.6	0.6	0.8	1.4	2.3	3.4	4.6	6.2	8.5
-50°	0.0	0.4	0.6	0.6	0.9	1.3	2.2	3.3	4.4	6.0	8.1
-52.5°	0.0	0.4	0.6	0.6	0.9	1.2	2.1	3.1	4.2	5.7	7.5
-55°	0.0	0.3	0.6	0.6	0.8	1.2	1.9	2.9	4.0	5.2	7.0
-57.5°	0.0	0.3	0.6	0.6	0.8	1.2	1.7	2.6	3.7	4.9	6.3
-60°	0.0	0.3	0.6	0.6	0.8	1.1	1.6	2.4	3.4	4.5	5.7
-62.5°	0.0	0.3	0.6	0.6	0.8	1.1	1.5	2.1	3.0	4.0	5.2
-65°	0.0	0.3	0.5	0.6	0.8	1.0	1.4	1.9	2.6	3.6	4.6
-67.5°	0.0	0.2	0.5	0.6	0.7	1.0	1.3	1.7	2.2	3.1	4.0
-70°	0.0	0.2	0.4	0.6	0.7	0.9	1.2	1.5	2.0	2.6	3.4
-72.5°	0.0	0.2	0.4	0.5	0.7	0.8	1.0	1.4	1.8	2.2	2.8
-75°	0.0	0.2	0.3	0.5	0.6	0.7	0.9	1.2	1.5	1.9	2.3
-77.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.0	1.3	1.6	1.9
-80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.1	1.3	1.6
-82.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.3
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.6	0.8	1.0
-87.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5
-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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.4	0.3	0.2	0.0	0.1	0.2	0.2	0.0	0.0	0.0
62.5°	0.6	0.5	0.3	0.2	0.3	0.5	0.4	0.2	0.1	0.3	0.4
60°	0.6	0.5	0.4	0.5	0.6	0.5	0.4	0.6	0.9	1.1	1.3
57.5°	0.6	0.6	0.5	0.6	0.7	0.7	1.1	1.4	2.0	2.5	2.8
55°	0.6	0.6	0.7	0.8	1.0	1.4	2.0	2.8	3.4	4.4	5.2
52.5°	0.7	0.7	0.9	1.2	1.8	2.5	3.4	4.5	5.8	6.8	7.8
50°	0.8	1.0	1.3	2.1	2.9	3.9	5.4	7.1	8.2	9.3	10.7
47.5°	1.1	1.4	2.1	3.0	4.2	5.8	7.9	9.1	10.2	11.9	13.7
45°	1.4	2.0	3.0	4.2	5.8	8.1	9.8	10.8	12.6	14.5	16.6
42.5°	1.8	2.8	4.1	5.4	7.9	10.1	11.6	13.1	14.9	17.3	19.5
40°	2.5	3.6	5.3	7.4	9.9	12.1	13.9	15.6	17.5	20.5	22.9
37.5°	3.2	4.7	6.7	9.2	11.9	14.2	16.3	18.5	21.1	24.5	26.7
35°	3.8	6.0	8.3	11.0	13.9	16.5	19.0	21.6	25.0	28.2	30.8
32.5°	4.7	7.2	9.8	12.8	15.7	18.6	21.7	24.8	28.2	31.4	34.8
30°	5.9	8.5	11.3	14.4	17.3	20.8	24.3	27.6	31.0	34.5	38.2
27.5°	7.0	9.7	12.7	15.9	18.9	22.9	26.7	30.2	33.6	37.4	41.6
25°	8.1	11.0	14.1	17.2	20.8	25.1	29.3	33.2	36.2	40.4	45.4
22.5°	9.1	12.2	15.5	18.4	22.6	27.2	32.1	36.4	39.8	43.6	49.3
20°	10.1	13.4	16.8	20.1	24.4	29.4	35.2	39.6	43.8	48.7	54.6
17.5°	11.0	14.5	18.2	22.0	26.6	31.8	38.3	42.8	47.9	53.7	61.1
15°	11.9	15.6	19.5	23.8	28.6	34.1	40.4	46.0	52.1	58.9	67.6
12.5°	12.8	16.6	20.8	25.5	30.3	36.2	42.2	48.1	55.2	64.0	75.0
10°	13.5	17.4	22.1	27.1	31.8	37.9	43.8	49.9	57.4	67.1	79.6
7.5°	14.1	18.3	23.3	28.5	33.1	39.3	45.1	51.4	59.3	69.6	82.8
5°	14.7	19.3	24.5	29.4	34.2	40.5	46.2	52.6	60.7	71.6	85.0
2.5°	15.1	20.1	25.5	30.0	35.1	41.6	47.1	54.0	62.2	73.1	87.1
0°	15.5	20.9	26.3	30.5	35.9	42.4	47.8	55.0	63.4	74.1	89.1
-2.5°	16.2	21.5	26.8	31.1	36.7	42.5	48.2	55.1	63.8	74.9	89.5
-5°	16.8	22.0	27.2	31.5	37.3	42.5	48.4	55.0	64.0	75.3	90.1
-7.5°	17.3	22.4	27.4	31.8	37.7	42.7	48.7	55.5	64.4	75.7	90.9
-10°	17.6	22.7	27.6	32.3	37.7	42.9	48.8	55.5	64.4	75.5	90.5
-12.5°	17.8	22.9	27.7	32.5	37.7	42.9	48.7	55.3	63.7	74.5	88.6
-15°	17.9	22.9	27.7	32.5	37.6	42.7	48.3	54.7	62.5	72.9	85.7
-17.5°	17.8	22.9	27.6	32.3	37.5	42.2	47.7	53.8	61.3	71.1	83.4
-20°	17.7	22.8	27.4	31.9	37.3	41.7	47.1	53.0	60.1	68.9	79.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626558 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	17.4	22.5	27.1	31.5	36.6	41.3	46.3	51.9	58.3	66.3	76.0
-25°	17.1	22.1	26.7	31.1	35.9	40.7	45.3	50.7	56.5	64.2	73.0
-27.5°	16.7	21.6	26.2	30.7	35.1	39.8	44.3	49.4	55.2	62.0	69.8
-30°	16.1	20.9	25.4	30.0	34.4	38.8	43.2	48.0	53.5	59.9	67.1
-32.5°	15.4	20.1	24.5	29.0	33.6	37.9	41.9	46.6	51.7	57.3	64.2
-35°	14.7	19.2	23.5	27.8	32.6	36.8	40.7	44.9	49.7	54.9	60.6
-37.5°	14.1	18.2	22.5	26.6	31.1	35.4	39.2	43.2	47.6	52.4	57.5
-40°	13.4	17.2	21.4	25.3	29.3	33.7	37.6	41.4	45.5	50.3	54.8
-42.5°	12.7	16.4	20.2	24.1	27.9	31.8	35.7	39.4	43.6	48.2	52.7
-45°	12.0	15.5	19.0	22.8	26.6	30.1	33.8	37.3	41.5	46.1	50.4
-47.5°	11.3	14.6	18.0	21.4	25.1	28.7	31.9	35.5	39.1	43.4	48.0
-50°	10.6	13.7	16.8	20.1	23.5	27.1	30.4	33.7	37.1	40.6	44.6
-52.5°	10.0	12.7	15.6	18.5	21.8	25.3	28.6	31.9	35.1	38.4	41.8
-55°	9.2	11.7	14.3	17.0	19.9	23.2	26.5	29.7	33.0	36.1	39.4
-57.5°	8.4	10.6	13.0	15.5	18.1	20.8	24.1	27.2	30.3	33.5	36.9
-60°	7.4	9.4	11.6	13.9	16.4	18.9	21.5	24.5	27.5	30.4	33.6
-62.5°	6.4	8.2	10.1	12.2	14.5	16.9	19.3	21.8	24.5	27.1	29.8
-65°	5.8	7.0	8.6	10.5	12.4	14.6	16.8	19.1	21.4	23.6	25.7
-67.5°	5.1	6.2	7.4	8.7	10.5	12.3	14.1	16.1	18.2	20.3	22.2
-70°	4.3	5.3	6.4	7.5	8.8	10.3	11.9	13.6	15.2	16.8	18.7
-72.5°	3.5	4.4	5.3	6.3	7.4	8.6	9.9	11.3	12.7	14.1	15.5
-75°	2.9	3.5	4.2	5.1	6.0	6.9	7.9	9.0	10.2	11.4	12.6
-77.5°	2.4	2.9	3.4	3.9	4.6	5.5	6.3	7.1	8.0	8.9	9.9
-80°	1.9	2.3	2.8	3.3	3.7	4.3	4.8	5.5	6.1	6.7	7.4
-82.5°	1.6	1.9	2.3	2.6	2.9	3.2	3.5	3.9	4.3	4.7	5.1
-85°	1.2	1.5	1.7	2.0	2.1	2.2	2.4	2.5	2.8	3.0	3.3
-87.5°	0.6	0.7	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.6	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626558 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0
62.5°	0.4	0.3	0.5	0.6	0.7	0.7	0.6	0.5	0.5	0.4	0.5
60°	1.4	1.4	2.0	2.2	2.0	1.4	2.3	2.7	2.6	2.2	2.2
57.5°	3.5	4.3	4.8	5.1	5.9	7.1	7.4	7.0	6.8	7.0	8.0
55°	6.1	6.7	7.0	8.1	9.1	9.8	10.2	10.6	11.2	12.0	12.8
52.5°	8.6	9.5	10.1	11.1	12.2	12.6	12.5	14.0	15.1	15.9	16.2
50°	11.9	12.9	14.3	15.8	16.5	17.2	17.8	19.0	20.8	23.0	24.3
47.5°	15.3	16.9	18.4	20.2	21.1	21.8	22.8	24.9	27.4	29.8	31.0
45°	18.3	19.8	21.6	23.1	24.2	25.5	27.0	28.9	31.8	34.2	36.0
42.5°	20.9	22.5	24.4	26.2	27.3	29.1	31.3	33.9	36.9	39.4	41.3
40°	24.4	25.8	28.7	30.5	30.9	32.6	37.0	40.5	43.9	47.0	48.6
37.5°	28.6	31.4	34.4	36.0	37.5	40.4	46.4	52.2	56.4	60.7	63.0
35°	33.5	37.0	41.2	43.0	46.3	52.7	59.8	67.7	77.7	81.8	85.6
32.5°	38.1	42.1	45.9	50.1	55.9	63.5	71.4	84.4	96.5	105.8	112.7
30°	42.2	46.5	51.2	56.6	64.8	75.3	88.5	105.3	122.3	137.2	149.8
27.5°	46.3	51.2	56.9	64.8	76.3	90.6	111.7	135.6	164.0	185.0	210.0
25°	50.9	56.4	63.7	75.2	90.7	112.1	145.8	184.6	231.3	269.1	308.7
22.5°	56.2	64.4	73.5	86.4	113.4	148.7	194.8	261.1	332.9	399.3	463.2
20°	62.6	73.8	88.5	112.2	146.9	199.0	279.1	385.0	490.6	603.0	711.2
17.5°	71.8	87.9	110.7	144.5	190.2	293.3	423.4	587.1	797.5	988.1	1154.6
15°	80.4	99.6	135.7	186.2	265.9	402.6	600.1	870.3	1198.2	1497.0	1812.6
12.5°	89.4	112.1	153.6	217.8	328.6	506.5	784.1	1154.4	1565.0	2015.3	2528.2
10°	96.6	124.2	173.8	255.2	391.7	613.4	944.0	1393.1	1938.6	2605.1	3425.1
7.5°	101.4	133.8	190.5	282.6	449.9	722.6	1120.6	1660.4	2342.5	3225.4	4372.8
5°	105.2	141.2	203.0	307.6	499.1	806.0	1251.5	1894.6	2701.3	3884.3	5828.8
2.5°	108.2	146.8	210.7	324.8	530.0	864.1	1339.3	2027.0	2915.0	4371.4	6894.1
0°	110.6	151.9	215.8	335.4	553.6	869.9	1366.7	2051.2	2991.6	4459.4	7123.4
-2.5°	111.6	154.6	217.6	337.7	551.3	879.9	1375.1	2070.6	2988.8	4411.2	6867.3
-5°	113.3	154.5	216.3	335.4	538.9	854.1	1320.4	1962.3	2808.4	4031.8	6044.1
-7.5°	114.5	152.1	210.0	320.2	506.6	798.4	1224.5	1782.8	2480.3	3409.2	4655.4
-10°	113.4	147.3	199.6	294.7	456.2	709.0	1078.6	1545.8	2125.5	2813.9	3660.6
-12.5°	109.1	138.6	182.5	258.9	391.1	608.8	931.8	1329.6	1758.7	2242.1	2827.2
-15°	103.7	129.2	167.1	234.4	342.8	509.6	745.3	1068.1	1412.2	1779.3	2170.7
-17.5°	99.5	120.9	152.4	201.1	280.7	413.4	598.7	827.9	1080.8	1360.3	1592.2
-20°	93.9	110.8	137.2	177.0	237.7	325.6	460.5	627.1	793.9	990.5	1150.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626558 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	88.2	102.9	123.0	152.1	197.3	263.7	347.1	458.3	580.3	693.1	804.2
-25°	82.9	94.2	110.5	134.3	165.0	210.3	269.7	333.5	413.9	482.6	558.8
-27.5°	78.6	88.3	100.3	117.8	141.6	170.8	213.2	256.0	298.3	333.0	385.4
-30°	74.4	82.3	92.3	104.8	122.6	145.1	172.7	200.4	224.8	247.1	274.4
-32.5°	70.4	76.7	84.5	94.8	107.6	124.5	141.5	161.3	178.3	193.9	208.5
-35°	66.4	72.0	77.8	86.6	96.8	108.8	121.1	134.6	146.4	156.9	166.2
-37.5°	62.7	67.7	73.2	79.6	87.9	96.9	107.0	116.8	124.6	131.4	137.1
-40°	59.6	64.1	68.8	74.0	80.3	87.4	95.9	104.1	109.5	113.7	117.2
-42.5°	56.8	60.8	64.8	69.2	74.0	80.2	86.9	93.7	97.4	100.6	103.1
-45°	54.6	57.6	61.0	64.8	69.1	74.2	79.5	84.2	87.4	90.2	92.3
-47.5°	51.6	54.6	57.5	60.6	64.6	68.9	73.3	76.8	79.7	82.1	83.7
-50°	48.4	51.5	54.2	56.9	60.6	64.2	67.8	70.7	73.4	75.8	77.0
-52.5°	45.0	48.3	51.2	53.9	56.9	60.1	63.3	65.9	68.2	70.5	71.4
-55°	42.6	45.7	48.6	51.1	53.6	56.2	58.8	61.4	63.8	65.9	66.6
-57.5°	40.0	43.1	46.0	48.3	50.5	52.9	55.2	57.6	59.9	62.0	62.5
-60°	36.9	40.3	42.8	44.9	47.1	49.4	51.5	53.6	55.7	57.5	58.1
-62.5°	32.8	35.9	38.4	40.7	42.8	44.7	46.8	48.7	50.7	52.1	52.5
-65°	28.0	30.6	33.2	35.6	37.7	39.6	41.4	43.2	44.9	46.2	46.8
-67.5°	24.1	26.0	28.1	30.2	32.3	34.2	35.9	37.5	39.0	40.1	40.7
-70°	20.4	22.2	24.2	26.1	28.0	29.6	30.9	32.2	33.5	34.4	35.1
-72.5°	16.9	18.4	20.1	21.8	23.5	24.9	26.1	27.3	28.4	29.2	29.9
-75°	13.7	15.0	16.3	17.7	19.1	20.2	21.3	22.3	23.3	24.0	24.6
-77.5°	10.9	12.0	13.1	14.1	15.2	16.0	16.8	17.5	18.2	18.8	19.3
-80°	8.1	9.0	9.8	10.7	11.5	12.2	12.7	13.2	13.7	14.0	14.3
-82.5°	5.5	6.1	6.7	7.3	8.0	8.4	8.9	9.3	9.8	9.9	10.0
-85°	3.5	3.8	4.1	4.5	4.8	5.1	5.3	5.6	5.8	6.0	6.2
-87.5°	2.0	2.0	2.1	2.1	2.2	2.4	2.5	2.7	2.9	2.9	3.0
-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: P626558 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-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	0.1	0.1
62.5°	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.5	0.5
60°	2.1	1.8	1.8	1.8	1.8	1.8	2.1	2.2	2.2	2.6	2.7
57.5°	9.1	10.1	10.4	10.2	10.4	10.1	9.1	8.0	7.0	6.8	7.0
55°	13.3	13.6	13.8	13.8	13.8	13.6	13.3	12.8	12.0	11.2	10.6
52.5°	16.2	16.1	16.1	16.1	16.1	16.1	16.2	16.2	15.9	15.1	14.0
50°	24.4	23.9	23.8	23.9	23.8	23.9	24.4	24.3	23.0	20.8	19.0
47.5°	31.2	31.3	31.5	31.7	31.5	31.3	31.2	31.0	29.8	27.4	24.9
45°	36.4	36.8	37.0	37.1	37.0	36.8	36.4	36.0	34.2	31.8	28.9
42.5°	41.7	41.8	41.7	41.8	41.7	41.8	41.7	41.3	39.4	36.9	33.9
40°	49.3	49.4	49.3	49.0	49.3	49.4	49.3	48.6	47.0	43.9	40.5
37.5°	64.4	64.6	64.0	63.4	64.0	64.6	64.4	63.0	60.7	56.4	52.2
35°	89.1	91.7	92.9	93.3	92.9	91.7	89.1	85.6	81.8	77.7	67.7
32.5°	117.4	121.0	122.8	124.4	122.8	121.0	117.4	112.7	105.8	96.5	84.4
30°	158.0	164.6	167.5	171.6	167.5	164.6	158.0	149.8	137.2	122.3	105.3
27.5°	224.3	235.8	242.2	248.1	242.2	235.8	224.3	210.0	185.0	164.0	135.6
25°	337.5	359.7	374.0	380.8	374.0	359.7	337.5	308.7	269.1	231.3	184.6
22.5°	525.0	565.9	597.5	603.8	597.5	565.9	525.0	463.2	399.3	332.9	261.1
20°	816.2	874.8	922.4	946.4	922.4	874.8	816.2	711.2	603.0	490.6	385.0
17.5°	1352.9	1474.7	1530.4	1539.5	1530.4	1474.7	1352.9	1154.6	988.1	797.5	587.1
15°	2151.2	2357.4	2488.3	2572.6	2488.3	2357.4	2151.2	1812.6	1497.0	1198.2	870.3
12.5°	3062.2	3648.0	3981.4	4108.4	3981.4	3648.0	3062.2	2528.2	2015.3	1565.0	1154.4
10°	4298.5	5677.7	6473.2	6873.5	6473.2	5677.7	4298.5	3425.1	2605.1	1938.6	1393.1
7.5°	6396.9	8527.0	10887.0	11978.9	10887.0	8527.0	6396.9	4372.8	3225.4	2342.5	1660.4
5°	8602.8	13279.6	17384.4	19350.0	17384.4	13279.6	8602.8	5828.8	3884.3	2701.3	1894.6
2.5°	11138.2	17445.2	23276.6	25728.5	23276.6	17445.2	11138.2	6894.1	4371.4	2915.0	2027.0
0°	12114.0	19460.6	25838.2	28244.9	25838.2	19460.6	12114.0	7123.4	4459.4	2991.6	2051.2
-2.5°	11289.0	17750.8	23376.8	26126.6	23376.8	17750.8	11289.0	6867.3	4411.2	2988.8	2070.6
-5°	8969.7	13352.8	17519.3	19760.2	17519.3	13352.8	8969.7	6044.1	4031.8	2808.4	1962.3
-7.5°	6583.2	8969.3	11283.3	12092.5	11283.3	8969.3	6583.2	4655.4	3409.2	2480.3	1782.8
-10°	4583.4	5949.7	6851.6	7109.0	6851.6	5949.7	4583.4	3660.6	2813.9	2125.5	1545.8
-12.5°	3398.1	3995.8	4411.6	4483.9	4411.6	3995.8	3398.1	2827.2	2242.1	1758.7	1329.6
-15°	2516.2	2820.1	3034.6	3049.0	3034.6	2820.1	2516.2	2170.7	1779.3	1412.2	1068.1
-17.5°	1839.3	2043.4	2151.6	2143.9	2151.6	2043.4	1839.3	1592.2	1360.3	1080.8	827.9
-20°	1315.2	1438.2	1525.4	1508.4	1525.4	1438.2	1315.2	1150.7	990.5	793.9	627.1



REPORT NUMBER: P626558 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	917.1	998.7	1049.8	1036.7	1049.8	998.7	917.1	804.2	693.1	580.3	458.3
-25°	623.1	667.6	693.0	688.7	693.0	667.6	623.1	558.8	482.6	413.9	333.5
-27.5°	424.6	448.1	455.9	455.6	455.9	448.1	424.6	385.4	333.0	298.3	256.0
-30°	294.7	310.5	319.5	313.9	319.5	310.5	294.7	274.4	247.1	224.8	200.4
-32.5°	219.7	228.6	233.8	228.4	233.8	228.6	219.7	208.5	193.9	178.3	161.3
-35°	173.1	177.6	179.4	176.4	179.4	177.6	173.1	166.2	156.9	146.4	134.6
-37.5°	141.2	143.8	144.7	142.9	144.7	143.8	141.2	137.1	131.4	124.6	116.8
-40°	119.6	121.3	121.7	120.2	121.7	121.3	119.6	117.2	113.7	109.5	104.1
-42.5°	104.6	105.6	105.8	105.2	105.8	105.6	104.6	103.1	100.6	97.4	93.7
-45°	93.6	94.4	94.5	93.9	94.5	94.4	93.6	92.3	90.2	87.4	84.2
-47.5°	84.5	85.0	85.2	84.9	85.2	85.0	84.5	83.7	82.1	79.7	76.8
-50°	77.6	78.0	78.0	77.7	78.0	78.0	77.6	77.0	75.8	73.4	70.7
-52.5°	71.8	72.1	72.2	72.3	72.2	72.1	71.8	71.4	70.5	68.2	65.9
-55°	67.0	67.3	67.5	67.6	67.5	67.3	67.0	66.6	65.9	63.8	61.4
-57.5°	62.9	63.2	63.3	63.4	63.3	63.2	62.9	62.5	62.0	59.9	57.6
-60°	58.5	58.9	59.1	59.2	59.1	58.9	58.5	58.1	57.5	55.7	53.6
-62.5°	52.8	53.0	53.1	53.2	53.1	53.0	52.8	52.5	52.1	50.7	48.7
-65°	47.2	47.6	47.7	47.8	47.7	47.6	47.2	46.8	46.2	44.9	43.2
-67.5°	41.2	41.6	42.0	42.4	42.0	41.6	41.2	40.7	40.1	39.0	37.5
-70°	35.8	36.3	36.5	36.5	36.5	36.3	35.8	35.1	34.4	33.5	32.2
-72.5°	30.4	30.9	31.3	31.7	31.3	30.9	30.4	29.9	29.2	28.4	27.3
-75°	25.1	25.6	25.7	25.7	25.7	25.6	25.1	24.6	24.0	23.3	22.3
-77.5°	19.8	20.2	20.3	20.3	20.3	20.2	19.8	19.3	18.8	18.2	17.5
-80°	14.6	14.8	15.2	15.5	15.2	14.8	14.6	14.3	14.0	13.7	13.2
-82.5°	10.1	10.2	10.2	10.2	10.2	10.2	10.1	10.0	9.9	9.8	9.3
-85°	6.4	6.6	6.6	6.6	6.6	6.6	6.4	6.2	6.0	5.8	5.6
-87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626558 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-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	0.0
65°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
62.5°	0.6	0.7	0.7	0.6	0.5	0.3	0.4	0.4	0.3	0.1	0.2
60°	2.3	1.4	2.0	2.2	2.0	1.4	1.4	1.3	1.1	0.9	0.6
57.5°	7.4	7.1	5.9	5.1	4.8	4.3	3.5	2.8	2.5	2.0	1.4
55°	10.2	9.8	9.1	8.1	7.0	6.7	6.1	5.2	4.4	3.4	2.8
52.5°	12.5	12.6	12.2	11.1	10.1	9.5	8.6	7.8	6.8	5.8	4.5
50°	17.8	17.2	16.5	15.8	14.3	12.9	11.9	10.7	9.3	8.2	7.1
47.5°	22.8	21.8	21.1	20.2	18.4	16.9	15.3	13.7	11.9	10.2	9.1
45°	27.0	25.5	24.2	23.1	21.6	19.8	18.3	16.6	14.5	12.6	10.8
42.5°	31.3	29.1	27.3	26.2	24.4	22.5	20.9	19.5	17.3	14.9	13.1
40°	37.0	32.6	30.9	30.5	28.7	25.8	24.4	22.9	20.5	17.5	15.6
37.5°	46.4	40.4	37.5	36.0	34.4	31.4	28.6	26.7	24.5	21.1	18.5
35°	59.8	52.7	46.3	43.0	41.2	37.0	33.5	30.8	28.2	25.0	21.6
32.5°	71.4	63.5	55.9	50.1	45.9	42.1	38.1	34.8	31.4	28.2	24.8
30°	88.5	75.3	64.8	56.6	51.2	46.5	42.2	38.2	34.5	31.0	27.6
27.5°	111.7	90.6	76.3	64.8	56.9	51.2	46.3	41.6	37.4	33.6	30.2
25°	145.8	112.1	90.7	75.2	63.7	56.4	50.9	45.4	40.4	36.2	33.2
22.5°	194.8	148.7	113.4	86.4	73.5	64.4	56.2	49.3	43.6	39.8	36.4
20°	279.1	199.0	146.9	112.2	88.5	73.8	62.6	54.6	48.7	43.8	39.6
17.5°	423.4	293.3	190.2	144.5	110.7	87.9	71.8	61.1	53.7	47.9	42.8
15°	600.1	402.6	265.9	186.2	135.7	99.6	80.4	67.6	58.9	52.1	46.0
12.5°	784.1	506.5	328.6	217.8	153.6	112.1	89.4	75.0	64.0	55.2	48.1
10°	944.0	613.4	391.7	255.2	173.8	124.2	96.6	79.6	67.1	57.4	49.9
7.5°	1120.6	722.6	449.9	282.6	190.5	133.8	101.4	82.8	69.6	59.3	51.4
5°	1251.5	806.0	499.1	307.6	203.0	141.2	105.2	85.0	71.6	60.7	52.6
2.5°	1339.3	864.1	530.0	324.8	210.7	146.8	108.2	87.1	73.1	62.2	54.0
0°	1366.7	869.9	553.6	335.4	215.8	151.9	110.6	89.1	74.1	63.4	55.0
-2.5°	1375.1	879.9	551.3	337.7	217.6	154.6	111.6	89.5	74.9	63.8	55.1
-5°	1320.4	854.1	538.9	335.4	216.3	154.5	113.3	90.1	75.3	64.0	55.0
-7.5°	1224.5	798.4	506.6	320.2	210.0	152.1	114.5	90.9	75.7	64.4	55.5
-10°	1078.6	709.0	456.2	294.7	199.6	147.3	113.4	90.5	75.5	64.4	55.5
-12.5°	931.8	608.8	391.1	258.9	182.5	138.6	109.1	88.6	74.5	63.7	55.3
-15°	745.3	509.6	342.8	234.4	167.1	129.2	103.7	85.7	72.9	62.5	54.7
-17.5°	598.7	413.4	280.7	201.1	152.4	120.9	99.5	83.4	71.1	61.3	53.8
-20°	460.5	325.6	237.7	177.0	137.2	110.8	93.9	79.9	68.9	60.1	53.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626558 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	347.1	263.7	197.3	152.1	123.0	102.9	88.2	76.0	66.3	58.3	51.9
-25°	269.7	210.3	165.0	134.3	110.5	94.2	82.9	73.0	64.2	56.5	50.7
-27.5°	213.2	170.8	141.6	117.8	100.3	88.3	78.6	69.8	62.0	55.2	49.4
-30°	172.7	145.1	122.6	104.8	92.3	82.3	74.4	67.1	59.9	53.5	48.0
-32.5°	141.5	124.5	107.6	94.8	84.5	76.7	70.4	64.2	57.3	51.7	46.6
-35°	121.1	108.8	96.8	86.6	77.8	72.0	66.4	60.6	54.9	49.7	44.9
-37.5°	107.0	96.9	87.9	79.6	73.2	67.7	62.7	57.5	52.4	47.6	43.2
-40°	95.9	87.4	80.3	74.0	68.8	64.1	59.6	54.8	50.3	45.5	41.4
-42.5°	86.9	80.2	74.0	69.2	64.8	60.8	56.8	52.7	48.2	43.6	39.4
-45°	79.5	74.2	69.1	64.8	61.0	57.6	54.6	50.4	46.1	41.5	37.3
-47.5°	73.3	68.9	64.6	60.6	57.5	54.6	51.6	48.0	43.4	39.1	35.5
-50°	67.8	64.2	60.6	56.9	54.2	51.5	48.4	44.6	40.6	37.1	33.7
-52.5°	63.3	60.1	56.9	53.9	51.2	48.3	45.0	41.8	38.4	35.1	31.9
-55°	58.8	56.2	53.6	51.1	48.6	45.7	42.6	39.4	36.1	33.0	29.7
-57.5°	55.2	52.9	50.5	48.3	46.0	43.1	40.0	36.9	33.5	30.3	27.2
-60°	51.5	49.4	47.1	44.9	42.8	40.3	36.9	33.6	30.4	27.5	24.5
-62.5°	46.8	44.7	42.8	40.7	38.4	35.9	32.8	29.8	27.1	24.5	21.8
-65°	41.4	39.6	37.7	35.6	33.2	30.6	28.0	25.7	23.6	21.4	19.1
-67.5°	35.9	34.2	32.3	30.2	28.1	26.0	24.1	22.2	20.3	18.2	16.1
-70°	30.9	29.6	28.0	26.1	24.2	22.2	20.4	18.7	16.8	15.2	13.6
-72.5°	26.1	24.9	23.5	21.8	20.1	18.4	16.9	15.5	14.1	12.7	11.3
-75°	21.3	20.2	19.1	17.7	16.3	15.0	13.7	12.6	11.4	10.2	9.0
-77.5°	16.8	16.0	15.2	14.1	13.1	12.0	10.9	9.9	8.9	8.0	7.1
-80°	12.7	12.2	11.5	10.7	9.8	9.0	8.1	7.4	6.7	6.1	5.5
-82.5°	8.9	8.4	8.0	7.3	6.7	6.1	5.5	5.1	4.7	4.3	3.9
-85°	5.3	5.1	4.8	4.5	4.1	3.8	3.5	3.3	3.0	2.8	2.5
-87.5°	2.5	2.4	2.2	2.1	2.1	2.0	2.0	1.8	1.6	1.4	1.3
-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: P626558 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°
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	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.2	0.3	0.2
67.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.1	0.2	0.4	0.3
65°	0.2	0.1	0.0	0.2	0.3	0.4	0.3	0.2	0.3	0.4	0.5
62.5°	0.4	0.5	0.3	0.2	0.3	0.5	0.6	0.4	0.3	0.4	0.6
60°	0.4	0.5	0.6	0.5	0.4	0.5	0.6	0.5	0.4	0.5	0.6
57.5°	1.1	0.7	0.7	0.6	0.5	0.6	0.6	0.6	0.5	0.5	0.6
55°	2.0	1.4	1.0	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6
52.5°	3.4	2.5	1.8	1.2	0.9	0.7	0.7	0.6	0.6	0.6	0.6
50°	5.4	3.9	2.9	2.1	1.3	1.0	0.8	0.7	0.6	0.6	0.6
47.5°	7.9	5.8	4.2	3.0	2.1	1.4	1.1	0.8	0.6	0.6	0.6
45°	9.8	8.1	5.8	4.2	3.0	2.0	1.4	1.0	0.7	0.6	0.6
42.5°	11.6	10.1	7.9	5.4	4.1	2.8	1.8	1.3	0.9	0.7	0.6
40°	13.9	12.1	9.9	7.4	5.3	3.6	2.5	1.7	1.1	0.8	0.7
37.5°	16.3	14.2	11.9	9.2	6.7	4.7	3.2	2.1	1.4	1.0	0.7
35°	19.0	16.5	13.9	11.0	8.3	6.0	3.8	2.6	1.8	1.2	0.8
32.5°	21.7	18.6	15.7	12.8	9.8	7.2	4.7	3.2	2.1	1.4	0.9
30°	24.3	20.8	17.3	14.4	11.3	8.5	5.9	3.9	2.5	1.7	1.0
27.5°	26.7	22.9	18.9	15.9	12.7	9.7	7.0	4.6	2.8	1.9	1.2
25°	29.3	25.1	20.8	17.2	14.1	11.0	8.1	5.4	3.3	2.2	1.4
22.5°	32.1	27.2	22.6	18.4	15.5	12.2	9.1	6.3	3.9	2.5	1.6
20°	35.2	29.4	24.4	20.1	16.8	13.4	10.1	7.1	4.5	2.7	1.8
17.5°	38.3	31.8	26.6	22.0	18.2	14.5	11.0	7.9	5.2	3.0	2.0
15°	40.4	34.1	28.6	23.8	19.5	15.6	11.9	8.6	5.8	3.2	2.1
12.5°	42.2	36.2	30.3	25.5	20.8	16.6	12.8	9.2	6.4	3.5	2.3
10°	43.8	37.9	31.8	27.1	22.1	17.4	13.5	9.8	6.9	3.9	2.5
7.5°	45.1	39.3	33.1	28.5	23.3	18.3	14.1	10.3	7.4	4.3	2.6
5°	46.2	40.5	34.2	29.4	24.5	19.3	14.7	10.7	7.8	4.7	2.8
2.5°	47.1	41.6	35.1	30.0	25.5	20.1	15.1	11.1	8.1	5.1	2.9
0°	47.8	42.4	35.9	30.5	26.3	20.9	15.5	11.4	8.4	5.4	3.0
-2.5°	48.2	42.5	36.7	31.1	26.8	21.5	16.2	11.8	8.6	5.7	3.2
-5°	48.4	42.5	37.3	31.5	27.2	22.0	16.8	12.1	8.8	6.0	3.3
-7.5°	48.7	42.7	37.7	31.8	27.4	22.4	17.3	12.3	8.9	6.2	3.5
-10°	48.8	42.9	37.7	32.3	27.6	22.7	17.6	12.5	9.0	6.3	3.6
-12.5°	48.7	42.9	37.7	32.5	27.7	22.9	17.8	12.7	9.1	6.4	3.7
-15°	48.3	42.7	37.6	32.5	27.7	22.9	17.9	12.9	9.3	6.5	3.8
-17.5°	47.7	42.2	37.5	32.3	27.6	22.9	17.8	13.0	9.4	6.4	3.9
-20°	47.1	41.7	37.3	31.9	27.4	22.8	17.7	13.0	9.4	6.3	4.0

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626558 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	46.3	41.3	36.6	31.5	27.1	22.5	17.4	12.8	9.3	6.2	4.0
-25°	45.3	40.7	35.9	31.1	26.7	22.1	17.1	12.5	9.1	6.0	4.1
-27.5°	44.3	39.8	35.1	30.7	26.2	21.6	16.7	12.3	8.8	5.8	4.1
-30°	43.2	38.8	34.4	30.0	25.4	20.9	16.1	11.9	8.4	5.6	4.0
-32.5°	41.9	37.9	33.6	29.0	24.5	20.1	15.4	11.3	8.1	5.6	4.0
-35°	40.7	36.8	32.6	27.8	23.5	19.2	14.7	10.6	7.6	5.4	3.9
-37.5°	39.2	35.4	31.1	26.6	22.5	18.2	14.1	10.2	7.2	5.3	3.8
-40°	37.6	33.7	29.3	25.3	21.4	17.2	13.4	9.8	6.8	5.1	3.7
-42.5°	35.7	31.8	27.9	24.1	20.2	16.4	12.7	9.4	6.7	4.9	3.6
-45°	33.8	30.1	26.6	22.8	19.0	15.5	12.0	8.9	6.5	4.8	3.5
-47.5°	31.9	28.7	25.1	21.4	18.0	14.6	11.3	8.5	6.2	4.6	3.4
-50°	30.4	27.1	23.5	20.1	16.8	13.7	10.6	8.1	6.0	4.4	3.3
-52.5°	28.6	25.3	21.8	18.5	15.6	12.7	10.0	7.5	5.7	4.2	3.1
-55°	26.5	23.2	19.9	17.0	14.3	11.7	9.2	7.0	5.2	4.0	2.9
-57.5°	24.1	20.8	18.1	15.5	13.0	10.6	8.4	6.3	4.9	3.7	2.6
-60°	21.5	18.9	16.4	13.9	11.6	9.4	7.4	5.7	4.5	3.4	2.4
-62.5°	19.3	16.9	14.5	12.2	10.1	8.2	6.4	5.2	4.0	3.0	2.1
-65°	16.8	14.6	12.4	10.5	8.6	7.0	5.8	4.6	3.6	2.6	1.9
-67.5°	14.1	12.3	10.5	8.7	7.4	6.2	5.1	4.0	3.1	2.2	1.7
-70°	11.9	10.3	8.8	7.5	6.4	5.3	4.3	3.4	2.6	2.0	1.5
-72.5°	9.9	8.6	7.4	6.3	5.3	4.4	3.5	2.8	2.2	1.8	1.4
-75°	7.9	6.9	6.0	5.1	4.2	3.5	2.9	2.3	1.9	1.5	1.2
-77.5°	6.3	5.5	4.6	3.9	3.4	2.9	2.4	1.9	1.6	1.3	1.0
-80°	4.8	4.3	3.7	3.3	2.8	2.3	1.9	1.6	1.3	1.1	0.9
-82.5°	3.5	3.2	2.9	2.6	2.3	1.9	1.6	1.3	1.1	0.9	0.7
-85°	2.4	2.2	2.1	2.0	1.7	1.5	1.2	1.0	0.8	0.6	0.4
-87.5°	1.2	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.2
-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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REPORT NUMBER: P626558 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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	0.0	0.0
85°	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
80°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
72.5°	0.0	0.1	0.1	0.0	0.0	0.1	0.0
70°	0.1	0.1	0.1	0.0	0.0	0.1	0.0
67.5°	0.2	0.2	0.2	0.1	0.0	0.1	0.0
65°	0.3	0.3	0.2	0.1	0.0	0.1	0.0
62.5°	0.5	0.3	0.3	0.2	0.1	0.2	0.0
60°	0.6	0.4	0.4	0.3	0.1	0.2	0.0
57.5°	0.6	0.5	0.4	0.3	0.1	0.2	0.0
55°	0.6	0.6	0.5	0.4	0.2	0.2	0.0
52.5°	0.6	0.6	0.5	0.4	0.2	0.2	0.0
50°	0.6	0.6	0.5	0.5	0.3	0.2	0.0
47.5°	0.6	0.6	0.6	0.6	0.3	0.3	0.0
45°	0.6	0.6	0.6	0.6	0.4	0.3	0.0
42.5°	0.6	0.6	0.6	0.6	0.4	0.3	0.0
40°	0.6	0.6	0.6	0.6	0.4	0.3	0.0
37.5°	0.6	0.6	0.6	0.6	0.4	0.3	0.0
35°	0.6	0.6	0.6	0.6	0.5	0.4	0.0
32.5°	0.6	0.6	0.6	0.6	0.5	0.4	0.0
30°	0.7	0.6	0.6	0.6	0.5	0.4	0.0
27.5°	0.7	0.6	0.6	0.6	0.5	0.4	0.0
25°	0.8	0.6	0.6	0.6	0.6	0.4	0.0
22.5°	0.9	0.6	0.6	0.6	0.6	0.4	0.0
20°	1.0	0.7	0.6	0.6	0.6	0.5	0.0
17.5°	1.1	0.7	0.6	0.6	0.6	0.5	0.0
15°	1.2	0.8	0.6	0.6	0.6	0.5	0.0
12.5°	1.3	0.8	0.6	0.6	0.6	0.5	0.0
10°	1.4	0.9	0.6	0.6	0.6	0.5	0.0
7.5°	1.5	1.0	0.6	0.6	0.6	0.6	0.0
5°	1.6	1.1	0.6	0.6	0.6	0.6	0.0
2.5°	1.7	1.1	0.6	0.6	0.6	0.6	0.0
0°	1.8	1.2	0.6	0.6	0.6	0.6	0.0
-2.5°	2.0	1.3	0.7	0.6	0.6	0.6	0.0
-5°	2.1	1.3	0.7	0.6	0.6	0.6	0.0
-7.5°	2.2	1.4	0.8	0.6	0.6	0.6	0.0
-10°	2.4	1.4	0.8	0.6	0.6	0.6	0.0
-12.5°	2.5	1.5	0.8	0.6	0.6	0.6	0.0
-15°	2.5	1.5	0.9	0.6	0.6	0.6	0.0
-17.5°	2.6	1.5	0.9	0.6	0.6	0.6	0.0
-20°	2.6	1.5	0.9	0.6	0.6	0.6	0.0

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CATALOG NUMBER: GFLD-SA1A-735-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	2.6	1.6	0.9	0.6	0.6	0.6	0.0
-25°	2.7	1.6	0.9	0.6	0.6	0.5	0.0
-27.5°	2.7	1.6	0.9	0.6	0.6	0.5	0.0
-30°	2.6	1.7	0.9	0.6	0.6	0.5	0.0
-32.5°	2.6	1.7	0.9	0.6	0.6	0.5	0.0
-35°	2.6	1.7	0.9	0.6	0.6	0.5	0.0
-37.5°	2.6	1.6	0.8	0.6	0.6	0.5	0.0
-40°	2.6	1.6	0.8	0.6	0.6	0.5	0.0
-42.5°	2.5	1.6	0.8	0.6	0.6	0.4	0.0
-45°	2.4	1.5	0.8	0.6	0.6	0.4	0.0
-47.5°	2.3	1.4	0.8	0.6	0.6	0.4	0.0
-50°	2.2	1.3	0.9	0.6	0.6	0.4	0.0
-52.5°	2.1	1.2	0.9	0.6	0.6	0.4	0.0
-55°	1.9	1.2	0.8	0.6	0.6	0.3	0.0
-57.5°	1.7	1.2	0.8	0.6	0.6	0.3	0.0
-60°	1.6	1.1	0.8	0.6	0.6	0.3	0.0
-62.5°	1.5	1.1	0.8	0.6	0.6	0.3	0.0
-65°	1.4	1.0	0.8	0.6	0.5	0.3	0.0
-67.5°	1.3	1.0	0.7	0.6	0.5	0.2	0.0
-70°	1.2	0.9	0.7	0.6	0.4	0.2	0.0
-72.5°	1.0	0.8	0.7	0.5	0.4	0.2	0.0
-75°	0.9	0.7	0.6	0.5	0.3	0.2	0.0
-77.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-80°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-82.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-85°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-87.5°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)