

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: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-727-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626538 (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-727-U-NR-VSR-XX  
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
 Light Source: (16) 2700K CCT, 70 CRI LEDS  
 Ballast/Driver: -

**Summary**

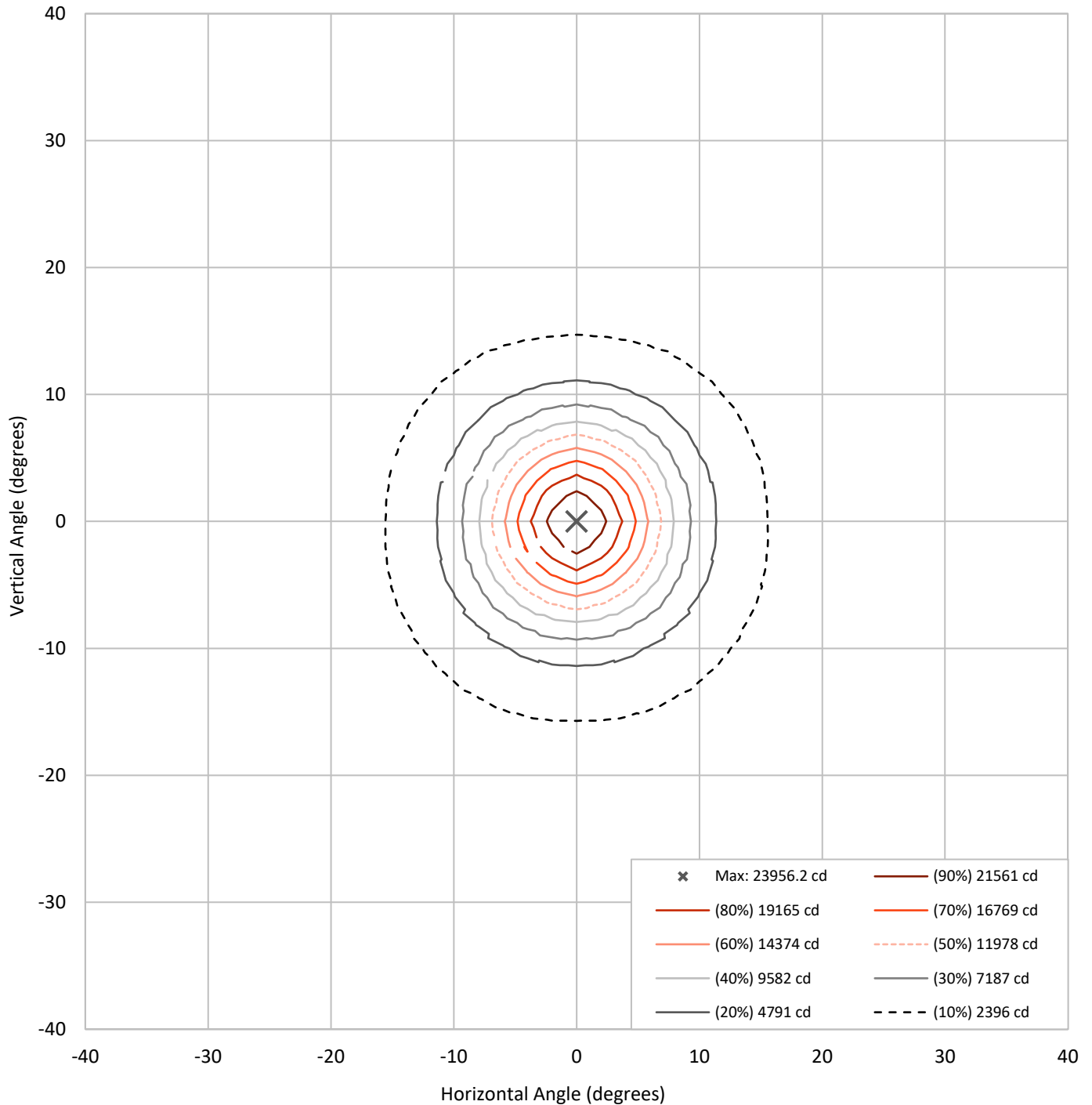
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	2363.3 lumens	Max Intensity:	23956.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	130.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	754.5 lumens	Field Lumens:	1680.5 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%

Input Watts (W): 18.1  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): 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



REPORT NUMBER: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-727-U-NR-VSR-XX

### Iso-Candela Plot





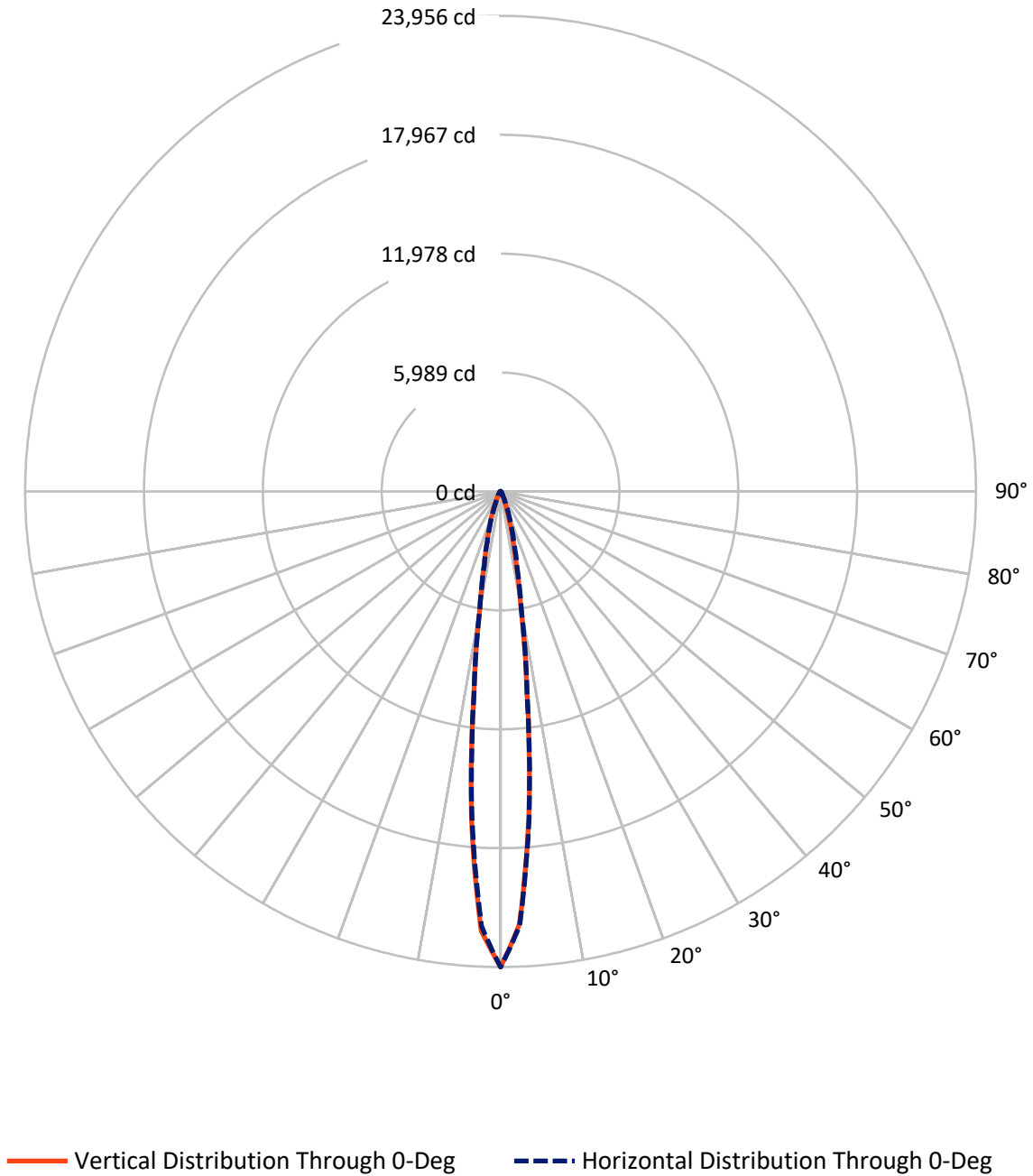
REPORT NUMBER: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

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	0.0	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	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0		
50	0.0	0.0	0.1	0.2	0.4	0.6	0.8	0.9	0.9	0.8	0.6	0.4	0.2	0.1	0.0	0.0	
40		0.0	0.2	0.4	0.7	1.1	1.9	2.4	2.4	1.9	1.1	0.7	0.4	0.2	0.0		
30	0.0	0.1	0.3	0.6	1.1	2.4	6.4	10.6	10.6	6.4	2.4	1.1	0.6	0.3	0.1	0.0	
20		0.1	0.4	0.8	1.8	7.2	30.3	66.6	66.6	30.3	7.2	1.8	0.8	0.4	0.1		
10	0.0	0.1	0.4	1.0	2.5	13.5	72.6	325.6	325.6	72.6	13.5	2.5	1.0	0.4	0.1	0.0	
0		0.1	0.5	1.0	2.7	14.4	75.1	331.1	331.1	75.1	14.4	2.7	1.0	0.5	0.1		
-10	0.0	0.2	0.5	1.0	2.3	9.1	36.5	78.0	78.0	36.5	9.1	2.3	1.0	0.5	0.2	0.0	
-20		0.1	0.5	0.9	1.8	4.3	11.2	18.7	18.7	11.2	4.3	1.8	0.9	0.5	0.1		
-30	0.0	0.1	0.4	0.8	1.4	2.3	3.8	4.9	4.9	3.8	2.3	1.4	0.8	0.4	0.1	0.0	
-40		0.1	0.3	0.7	1.1	1.6	2.2	2.5	2.5	2.2	1.6	1.1	0.7	0.3	0.1		
-50	0.0	0.1	0.3	0.5	0.9	1.3	1.6	1.7	1.7	1.6	1.3	0.9	0.5	0.3	0.1	0.0	
-60		0.1	0.2	0.3	0.6	0.9	1.1	1.2	1.2	1.1	0.9	0.6	0.3	0.2	0.1		
-70	0.0	0.1	0.3	0.5	0.9	1.3	1.6	1.7	1.7	1.6	1.3	0.9	0.5	0.3	0.1	0.0	
-80		0.1	0.2	0.3	0.6	0.9	1.1	1.2	1.2	1.1	0.9	0.6	0.3	0.2	0.1		
-90	0.0	0.1	0.6	1.3	1.7	1.3	0.6	0.1	0.0								

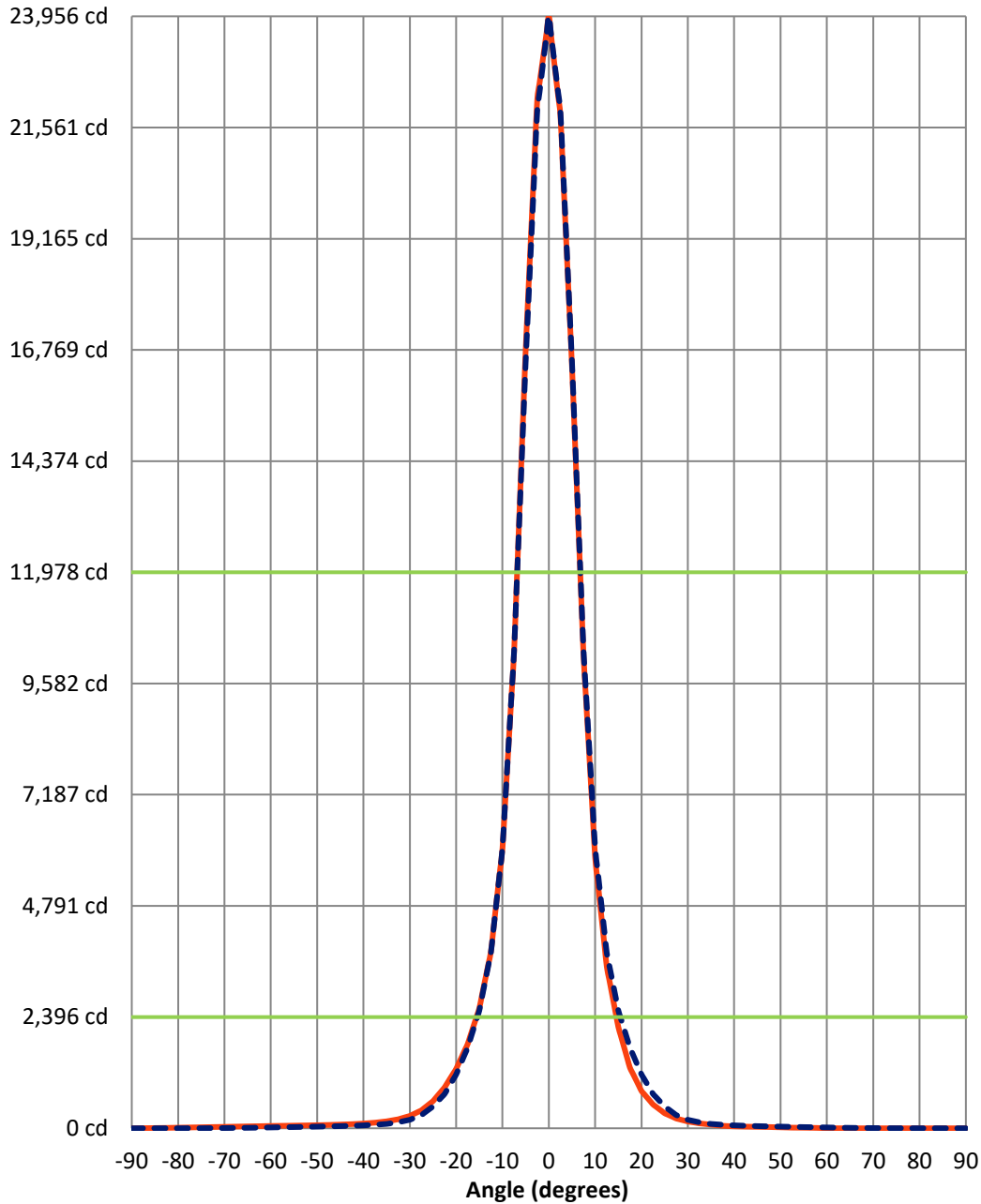
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CATALOG NUMBER: GFLD-SA1A-727-U-NR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 13.6°  
V Angle: 13.6°  
Lumens: 754.5  
Efficiency: 31.9%

**Field:**  
H Angle: 30.9°  
V Angle: 30.2°  
Lumens: 1680.5  
Efficiency: 71.1%

**Spill:**  
Lumens: 682.8  
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	0.0	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	0.0	0.0
72.5°	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0
70°	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.1
67.5°	0.0	0.1	0.0	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.1
65°	0.0	0.1	0.0	0.1	0.2	0.2	0.3	0.4	0.3	0.2	0.2
62.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.4	0.3	0.3
60°	0.0	0.1	0.1	0.2	0.3	0.3	0.5	0.5	0.4	0.4	0.5
57.5°	0.0	0.2	0.1	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.5
55°	0.0	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5
52.5°	0.0	0.2	0.2	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
50°	0.0	0.2	0.2	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6
47.5°	0.0	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7
45°	0.0	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.8
42.5°	0.0	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.8	1.1
40°	0.0	0.3	0.3	0.5	0.5	0.5	0.5	0.6	0.6	0.9	1.4
37.5°	0.0	0.3	0.4	0.5	0.5	0.5	0.5	0.6	0.8	1.2	1.8
35°	0.0	0.3	0.4	0.5	0.5	0.5	0.5	0.7	1.0	1.5	2.2
32.5°	0.0	0.3	0.4	0.5	0.5	0.5	0.5	0.7	1.2	1.8	2.7
30°	0.0	0.3	0.4	0.5	0.5	0.5	0.6	0.8	1.4	2.1	3.2
27.5°	0.0	0.3	0.4	0.5	0.5	0.5	0.6	1.0	1.6	2.4	3.9
25°	0.0	0.4	0.5	0.5	0.5	0.5	0.7	1.2	1.8	2.8	4.5
22.5°	0.0	0.4	0.5	0.5	0.5	0.5	0.7	1.3	2.1	3.3	5.3
20°	0.0	0.4	0.5	0.5	0.5	0.5	0.8	1.5	2.3	3.8	6.0
17.5°	0.0	0.4	0.5	0.5	0.5	0.6	0.9	1.6	2.5	4.3	6.7
15°	0.0	0.4	0.5	0.5	0.5	0.6	1.0	1.8	2.7	4.9	7.3
12.5°	0.0	0.4	0.5	0.5	0.5	0.7	1.1	1.9	2.9	5.4	7.8
10°	0.0	0.4	0.5	0.5	0.5	0.8	1.2	2.1	3.3	5.8	8.3
7.5°	0.0	0.5	0.5	0.5	0.5	0.8	1.3	2.2	3.6	6.2	8.7
5°	0.0	0.5	0.5	0.5	0.5	0.9	1.4	2.3	4.0	6.6	9.0
2.5°	0.0	0.5	0.5	0.5	0.5	0.9	1.4	2.4	4.3	6.9	9.3
0°	0.0	0.5	0.5	0.5	0.5	1.0	1.5	2.5	4.6	7.1	9.6
-2.5°	0.0	0.5	0.5	0.5	0.5	1.1	1.6	2.7	4.9	7.3	9.9
-5°	0.0	0.5	0.5	0.5	0.6	1.1	1.8	2.8	5.1	7.4	10.2
-7.5°	0.0	0.5	0.5	0.5	0.6	1.1	1.9	2.9	5.2	7.5	10.4
-10°	0.0	0.5	0.5	0.5	0.7	1.2	2.0	3.0	5.4	7.6	10.6
-12.5°	0.0	0.5	0.5	0.5	0.7	1.2	2.0	3.1	5.4	7.7	10.8
-15°	0.0	0.5	0.5	0.5	0.7	1.2	2.1	3.2	5.5	7.9	11.0
-17.5°	0.0	0.5	0.5	0.5	0.7	1.3	2.1	3.3	5.4	7.9	11.0
-20°	0.0	0.5	0.5	0.5	0.8	1.3	2.2	3.3	5.3	7.9	11.0

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Scaled Data Report



REPORT NUMBER: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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	0.5	0.5	0.5	0.8	1.3	2.2	3.4	5.2	7.8	10.9
-25°	0.0	0.5	0.5	0.5	0.8	1.3	2.2	3.4	5.0	7.7	10.7
-27.5°	0.0	0.4	0.5	0.5	0.8	1.4	2.2	3.4	4.8	7.4	10.4
-30°	0.0	0.4	0.5	0.5	0.7	1.4	2.2	3.4	4.7	7.1	10.1
-32.5°	0.0	0.4	0.5	0.5	0.7	1.4	2.2	3.3	4.7	6.8	9.6
-35°	0.0	0.4	0.5	0.5	0.7	1.4	2.2	3.3	4.6	6.4	9.0
-37.5°	0.0	0.4	0.5	0.5	0.7	1.4	2.2	3.2	4.5	6.1	8.6
-40°	0.0	0.4	0.5	0.5	0.7	1.3	2.1	3.1	4.3	5.8	8.3
-42.5°	0.0	0.4	0.5	0.5	0.7	1.3	2.1	3.0	4.2	5.7	7.9
-45°	0.0	0.4	0.5	0.5	0.7	1.3	2.0	2.9	4.0	5.5	7.5
-47.5°	0.0	0.3	0.5	0.5	0.7	1.2	1.9	2.8	3.9	5.3	7.2
-50°	0.0	0.3	0.5	0.5	0.7	1.1	1.8	2.7	3.7	5.1	6.8
-52.5°	0.0	0.3	0.5	0.5	0.7	1.0	1.7	2.6	3.5	4.8	6.4
-55°	0.0	0.3	0.5	0.5	0.7	1.0	1.6	2.4	3.3	4.4	5.9
-57.5°	0.0	0.3	0.5	0.5	0.7	1.0	1.4	2.2	3.1	4.1	5.4
-60°	0.0	0.2	0.5	0.5	0.7	0.9	1.3	2.0	2.8	3.8	4.8
-62.5°	0.0	0.2	0.5	0.5	0.7	0.9	1.2	1.8	2.5	3.4	4.4
-65°	0.0	0.2	0.4	0.5	0.6	0.8	1.2	1.6	2.2	3.0	3.9
-67.5°	0.0	0.2	0.4	0.5	0.6	0.8	1.1	1.4	1.9	2.6	3.4
-70°	0.0	0.2	0.3	0.5	0.6	0.7	1.0	1.3	1.7	2.1	2.9
-72.5°	0.0	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.5	1.9	2.3
-75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.6	2.0
-77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.1	1.3	1.6
-80°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.7	0.9	1.1	1.3
-82.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.8	0.9	1.1
-85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.8
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4
-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):**

	-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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.2	0.3	0.2	0.1	0.0	0.1	0.2	0.1	0.0	0.0	0.0
62.5°	0.5	0.4	0.3	0.2	0.3	0.4	0.3	0.2	0.0	0.2	0.3
60°	0.5	0.4	0.4	0.4	0.5	0.4	0.3	0.5	0.7	0.9	1.1
57.5°	0.5	0.5	0.5	0.5	0.6	0.6	0.9	1.2	1.7	2.1	2.3
55°	0.5	0.5	0.6	0.7	0.8	1.2	1.6	2.3	2.8	3.7	4.4
52.5°	0.6	0.6	0.8	1.0	1.5	2.1	2.8	3.8	4.9	5.8	6.6
50°	0.6	0.8	1.1	1.7	2.4	3.3	4.6	6.0	6.9	7.8	9.1
47.5°	0.9	1.1	1.8	2.5	3.5	4.9	6.7	7.7	8.6	10.1	11.6
45°	1.2	1.7	2.5	3.6	4.9	6.9	8.3	9.1	10.7	12.4	14.1
42.5°	1.5	2.3	3.4	4.6	6.7	8.6	9.8	11.1	12.7	14.7	16.5
40°	2.1	3.0	4.5	6.2	8.4	10.2	11.8	13.3	14.8	17.4	19.4
37.5°	2.6	4.0	5.7	7.8	10.1	12.1	13.8	15.7	17.9	20.8	22.6
35°	3.2	5.0	7.0	9.3	11.8	14.0	16.1	18.3	21.2	23.9	26.1
32.5°	3.9	6.1	8.3	10.8	13.3	15.8	18.4	21.0	23.9	26.7	29.5
30°	4.9	7.2	9.5	12.2	14.7	17.7	20.7	23.4	26.3	29.2	32.4
27.5°	5.9	8.2	10.8	13.5	16.1	19.5	22.7	25.6	28.5	31.6	35.3
25°	6.8	9.3	12.0	14.6	17.7	21.3	24.8	28.2	30.6	34.2	38.5
22.5°	7.7	10.3	13.2	15.6	19.2	23.1	27.3	30.9	33.7	37.0	41.9
20°	8.5	11.3	14.3	17.0	20.7	25.0	29.9	33.5	37.2	41.3	46.3
17.5°	9.3	12.3	15.4	18.7	22.6	27.0	32.5	36.3	40.6	45.6	51.8
15°	10.1	13.2	16.6	20.2	24.2	29.0	34.3	39.0	44.2	49.9	57.3
12.5°	10.8	14.1	17.7	21.6	25.7	30.7	35.8	40.8	46.8	54.3	63.6
10°	11.5	14.8	18.8	22.9	27.0	32.1	37.1	42.4	48.7	56.9	67.5
7.5°	12.1	15.6	19.8	24.1	28.1	33.3	38.3	43.6	50.2	59.0	70.2
5°	12.5	16.4	20.8	24.9	29.0	34.3	39.3	44.6	51.5	60.7	72.1
2.5°	12.9	17.1	21.6	25.5	29.8	35.3	40.0	45.8	52.7	62.1	73.9
0°	13.2	17.7	22.3	25.9	30.4	36.0	40.6	46.7	53.7	62.9	75.6
-2.5°	13.8	18.3	22.7	26.4	31.1	36.1	41.0	46.8	54.1	63.5	75.9
-5°	14.3	18.7	23.0	26.7	31.7	36.1	41.1	46.7	54.3	63.9	76.4
-7.5°	14.7	19.0	23.2	27.0	32.0	36.3	41.3	47.1	54.7	64.3	77.2
-10°	15.0	19.3	23.4	27.4	32.0	36.5	41.4	47.1	54.6	64.0	76.8
-12.5°	15.1	19.4	23.5	27.5	32.0	36.5	41.3	46.9	54.0	63.2	75.2
-15°	15.2	19.5	23.5	27.6	31.9	36.2	41.0	46.3	53.0	61.9	72.7
-17.5°	15.1	19.4	23.4	27.4	31.8	35.8	40.5	45.6	52.0	60.3	70.7
-20°	15.0	19.3	23.2	27.0	31.6	35.4	40.0	45.0	50.9	58.4	67.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-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°	14.8	19.1	22.9	26.7	31.0	35.1	39.3	44.1	49.4	56.2	64.5
-25°	14.5	18.8	22.6	26.4	30.4	34.5	38.5	43.0	47.9	54.5	61.9
-27.5°	14.2	18.3	22.2	26.0	29.7	33.7	37.7	41.9	46.8	52.6	59.2
-30°	13.7	17.7	21.6	25.4	29.1	32.9	36.7	40.8	45.3	50.8	56.9
-32.5°	13.1	17.0	20.8	24.6	28.5	32.1	35.6	39.6	43.9	48.6	54.5
-35°	12.5	16.3	20.0	23.6	27.7	31.1	34.5	38.2	42.2	46.6	51.3
-37.5°	12.0	15.5	19.1	22.5	26.4	30.0	33.3	36.7	40.4	44.5	48.8
-40°	11.4	14.6	18.1	21.5	24.8	28.6	31.8	35.2	38.6	42.7	46.5
-42.5°	10.7	13.9	17.2	20.5	23.7	27.0	30.2	33.4	37.1	40.9	44.7
-45°	10.2	13.2	16.2	19.4	22.5	25.5	28.6	31.5	35.2	39.1	42.8
-47.5°	9.6	12.4	15.3	18.2	21.3	24.3	27.1	30.1	33.2	36.8	40.7
-50°	8.9	11.6	14.3	17.0	20.0	22.9	25.7	28.6	31.5	34.5	37.8
-52.5°	8.4	10.7	13.2	15.7	18.5	21.4	24.3	27.0	29.8	32.6	35.4
-55°	7.8	9.9	12.1	14.4	16.9	19.7	22.5	25.2	27.9	30.6	33.4
-57.5°	7.1	8.9	10.9	13.2	15.4	17.7	20.4	23.1	25.7	28.4	31.2
-60°	6.3	8.0	9.8	11.8	14.0	16.1	18.3	20.8	23.3	25.8	28.5
-62.5°	5.4	6.9	8.5	10.3	12.3	14.4	16.4	18.5	20.8	23.0	25.3
-65°	4.9	5.9	7.3	8.8	10.4	12.3	14.2	16.2	18.2	20.0	21.8
-67.5°	4.3	5.2	6.2	7.4	8.9	10.4	11.9	13.7	15.5	17.2	18.9
-70°	3.7	4.5	5.4	6.4	7.4	8.7	10.1	11.5	12.9	14.3	15.8
-72.5°	3.0	3.7	4.5	5.4	6.2	7.2	8.3	9.5	10.7	11.9	13.1
-75°	2.4	2.9	3.5	4.3	5.1	5.9	6.7	7.6	8.6	9.6	10.7
-77.5°	2.0	2.4	2.9	3.3	3.9	4.6	5.3	6.0	6.7	7.5	8.3
-80°	1.6	2.0	2.4	2.7	3.1	3.6	4.1	4.7	5.2	5.7	6.3
-82.5°	1.3	1.6	1.9	2.2	2.4	2.6	2.9	3.2	3.6	3.9	4.3
-85°	1.0	1.2	1.4	1.6	1.7	1.9	2.0	2.1	2.3	2.5	2.7
-87.5°	0.5	0.6	0.7	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.5
-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: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.3	0.2	0.4	0.5	0.6	0.6	0.5	0.5	0.4	0.4	0.4
60°	1.2	1.2	1.7	1.9	1.7	1.2	1.9	2.2	2.1	1.8	1.8
57.5°	3.0	3.6	4.1	4.3	5.0	6.0	6.2	5.9	5.7	5.9	6.8
55°	5.2	5.7	6.0	6.9	7.7	8.3	8.6	9.0	9.5	10.1	10.8
52.5°	7.3	8.0	8.5	9.3	10.3	10.7	10.6	11.8	12.8	13.5	13.7
50°	10.0	10.9	12.2	13.4	14.0	14.5	15.1	16.2	17.7	19.5	20.6
47.5°	13.0	14.3	15.7	17.2	17.9	18.5	19.3	21.1	23.3	25.3	26.3
45°	15.6	16.8	18.4	19.6	20.6	21.7	22.9	24.5	26.9	29.0	30.5
42.5°	17.7	19.1	20.7	22.2	23.1	24.6	26.5	28.7	31.2	33.4	35.0
40°	20.7	21.9	24.4	25.8	26.2	27.6	31.4	34.4	37.2	39.9	41.3
37.5°	24.3	26.6	29.2	30.5	31.8	34.3	39.4	44.3	47.9	51.5	53.5
35°	28.4	31.4	34.9	36.5	39.3	44.7	50.7	57.4	65.9	69.4	72.6
32.5°	32.3	35.8	39.0	42.5	47.4	53.9	60.6	71.6	81.8	89.8	95.6
30°	35.9	39.5	43.5	48.1	54.9	63.8	75.1	89.3	103.8	116.4	127.1
27.5°	39.4	43.5	48.3	55.0	64.7	76.8	94.7	115.0	139.2	156.9	178.2
25°	43.2	47.9	54.0	63.8	76.8	95.0	123.7	156.6	196.2	228.3	261.8
22.5°	47.7	54.6	62.4	73.3	96.2	126.1	165.3	221.5	282.3	338.6	392.8
20°	53.1	62.6	75.1	95.2	124.6	168.8	236.8	326.6	416.0	511.4	603.2
17.5°	60.9	74.5	93.9	122.6	161.3	248.8	359.1	497.9	676.4	838.1	979.3
15°	68.2	84.5	115.1	157.9	225.5	341.4	509.0	738.2	1016.3	1269.7	1537.4
12.5°	75.9	95.1	130.3	184.8	278.6	429.6	665.1	979.2	1327.3	1709.3	2144.4
10°	81.9	105.3	147.4	216.5	332.2	520.2	800.7	1181.6	1644.3	2209.6	2905.0
7.5°	86.0	113.5	161.5	239.7	381.6	612.9	950.5	1408.3	1986.8	2735.6	3708.8
5°	89.2	119.7	172.2	260.9	423.3	683.6	1061.5	1606.8	2291.2	3294.5	4943.7
2.5°	91.8	124.4	178.8	275.5	449.5	732.8	1135.9	1719.2	2472.3	3707.7	5847.3
0°	93.8	128.8	183.1	284.5	469.5	737.8	1159.2	1739.8	2537.4	3782.3	6041.8
-2.5°	94.6	131.1	184.5	286.5	467.5	746.3	1166.3	1756.2	2534.9	3741.4	5824.6
-5°	96.1	131.1	183.4	284.4	457.0	724.4	1119.9	1664.3	2382.0	3419.6	5126.3
-7.5°	97.1	129.0	178.1	271.5	429.6	677.1	1038.5	1512.0	2103.7	2891.5	3948.5
-10°	96.2	125.0	169.3	249.9	386.9	601.3	914.8	1311.1	1802.8	2386.6	3104.8
-12.5°	92.6	117.5	154.8	219.7	331.7	516.4	790.3	1127.7	1491.6	1901.7	2397.9
-15°	88.0	109.6	141.8	198.9	290.8	432.2	632.2	905.9	1197.9	1509.2	1841.1
-17.5°	84.4	102.6	129.2	170.6	238.2	350.6	507.7	702.2	916.8	1153.8	1350.5
-20°	79.6	93.9	116.3	150.1	201.7	276.2	390.6	531.9	673.5	840.1	976.0

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	74.8	87.3	104.3	129.0	167.4	223.7	294.4	388.7	492.3	587.9	682.0
-25°	70.3	79.9	93.7	114.0	140.0	178.4	228.7	282.9	351.1	409.3	473.9
-27.5°	66.7	74.9	85.1	99.9	120.1	144.8	180.9	217.1	253.0	282.4	326.9
-30°	63.2	69.8	78.3	88.9	104.0	123.1	146.5	170.0	190.7	209.6	232.7
-32.5°	59.7	65.1	71.6	80.4	91.3	105.6	120.0	136.9	151.3	164.5	176.8
-35°	56.3	61.1	66.0	73.4	82.1	92.3	102.8	114.2	124.2	133.1	141.0
-37.5°	53.1	57.3	62.0	67.5	74.5	82.2	90.8	99.1	105.6	111.4	116.2
-40°	50.5	54.3	58.3	62.8	68.1	74.1	81.4	88.3	92.9	96.5	99.4
-42.5°	48.2	51.5	54.9	58.7	62.8	68.0	73.7	79.4	82.6	85.3	87.4
-45°	46.2	48.9	51.7	54.9	58.6	62.9	67.4	71.4	74.1	76.5	78.3
-47.5°	43.8	46.3	48.8	51.4	54.8	58.4	62.1	65.2	67.6	69.6	71.0
-50°	41.0	43.7	46.0	48.3	51.4	54.4	57.4	60.0	62.3	64.3	65.3
-52.5°	38.2	41.0	43.4	45.7	48.3	51.0	53.6	55.8	57.9	59.8	60.6
-55°	36.2	38.8	41.2	43.4	45.5	47.7	49.9	52.1	54.1	55.9	56.4
-57.5°	33.9	36.6	39.0	40.9	42.9	44.8	46.8	48.8	50.8	52.5	52.9
-60°	31.3	34.1	36.3	38.1	40.0	41.9	43.7	45.4	47.2	48.8	49.2
-62.5°	27.8	30.4	32.6	34.5	36.3	38.0	39.7	41.4	43.0	44.2	44.5
-65°	23.7	25.9	28.1	30.2	32.0	33.6	35.1	36.7	38.1	39.2	39.7
-67.5°	20.5	22.1	23.8	25.6	27.4	29.1	30.5	31.8	33.1	33.9	34.5
-70°	17.4	18.9	20.5	22.2	23.7	25.1	26.2	27.3	28.4	29.2	29.8
-72.5°	14.4	15.6	17.0	18.5	19.9	21.1	22.2	23.2	24.1	24.8	25.3
-75°	11.7	12.8	13.9	15.1	16.2	17.2	18.1	18.9	19.7	20.3	20.8
-77.5°	9.2	10.2	11.1	12.0	12.9	13.6	14.2	14.9	15.5	15.9	16.3
-80°	6.9	7.6	8.3	9.0	9.8	10.3	10.8	11.3	11.7	12.0	12.2
-82.5°	4.7	5.2	5.7	6.2	6.7	7.1	7.5	7.9	8.2	8.4	8.5
-85°	3.0	3.2	3.5	3.8	4.1	4.3	4.5	4.7	4.9	5.1	5.3
-87.5°	1.6	1.7	1.7	1.8	1.8	2.0	2.1	2.3	2.4	2.4	2.5
-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: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-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°
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	0.0	0.1
62.5°	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5
60°	1.7	1.5	1.5	1.5	1.5	1.5	1.7	1.8	1.8	2.1	2.2
57.5°	7.7	8.6	8.8	8.6	8.8	8.6	7.7	6.8	5.9	5.7	5.9
55°	11.3	11.5	11.7	11.7	11.7	11.5	11.3	10.8	10.1	9.5	9.0
52.5°	13.8	13.7	13.7	13.7	13.7	13.7	13.8	13.7	13.5	12.8	11.8
50°	20.7	20.3	20.2	20.3	20.2	20.3	20.7	20.6	19.5	17.7	16.2
47.5°	26.5	26.6	26.8	26.9	26.8	26.6	26.5	26.3	25.3	23.3	21.1
45°	30.9	31.1	31.3	31.4	31.3	31.1	30.9	30.5	29.0	26.9	24.5
42.5°	35.4	35.4	35.4	35.5	35.4	35.4	35.4	35.0	33.4	31.2	28.7
40°	41.8	42.0	41.8	41.6	41.8	42.0	41.8	41.3	39.9	37.2	34.4
37.5°	54.6	54.8	54.2	53.7	54.2	54.8	54.6	53.5	51.5	47.9	44.3
35°	75.6	77.7	78.8	79.1	78.8	77.7	75.6	72.6	69.4	65.9	57.4
32.5°	99.6	102.6	104.2	105.5	104.2	102.6	99.6	95.6	89.8	81.8	71.6
30°	134.1	139.6	142.1	145.5	142.1	139.6	134.1	127.1	116.4	103.8	89.3
27.5°	190.2	200.0	205.4	210.4	205.4	200.0	190.2	178.2	156.9	139.2	115.0
25°	286.2	305.1	317.3	323.0	317.3	305.1	286.2	261.8	228.3	196.2	156.6
22.5°	445.3	480.0	506.8	512.1	506.8	480.0	445.3	392.8	338.6	282.3	221.5
20°	692.2	741.9	782.3	802.7	782.3	741.9	692.2	603.2	511.4	416.0	326.6
17.5°	1147.4	1250.8	1298.0	1305.7	1298.0	1250.8	1147.4	979.3	838.1	676.4	497.9
15°	1824.6	1999.5	2110.5	2181.9	2110.5	1999.5	1824.6	1537.4	1269.7	1016.3	738.2
12.5°	2597.2	3094.1	3376.8	3484.6	3376.8	3094.1	2597.2	2144.4	1709.3	1327.3	979.2
10°	3645.9	4815.6	5490.3	5829.8	5490.3	4815.6	3645.9	2905.0	2209.6	1644.3	1181.6
7.5°	5425.6	7232.3	9233.9	10160.0	9233.9	7232.3	5425.6	3708.8	2735.6	1986.8	1408.3
5°	7296.6	11263.2	14744.7	16411.9	14744.7	11263.2	7296.6	4943.7	3294.5	2291.2	1606.8
2.5°	9446.9	14796.3	19742.3	21821.9	19742.3	14796.3	9446.9	5847.3	3707.7	2472.3	1719.2
0°	10274.6	16505.7	21914.9	23956.2	21914.9	16505.7	10274.6	6041.8	3782.3	2537.4	1739.8
-2.5°	9574.9	15055.5	19827.2	22159.6	19827.2	15055.5	9574.9	5824.6	3741.4	2534.9	1756.2
-5°	7607.8	11325.3	14859.2	16759.8	14859.2	11325.3	7607.8	5126.3	3419.6	2382.0	1664.3
-7.5°	5583.6	7607.4	9570.0	10256.4	9570.0	7607.4	5583.6	3948.5	2891.5	2103.7	1512.0
-10°	3887.4	5046.3	5811.3	6029.6	5811.3	5046.3	3887.4	3104.8	2386.6	1802.8	1311.1
-12.5°	2882.1	3389.0	3741.7	3803.0	3741.7	3389.0	2882.1	2397.9	1901.7	1491.6	1127.7
-15°	2134.1	2391.9	2573.8	2586.1	2573.8	2391.9	2134.1	1841.1	1509.2	1197.9	905.9
-17.5°	1560.1	1733.1	1824.9	1818.4	1824.9	1733.1	1560.1	1350.5	1153.8	916.8	702.2
-20°	1115.5	1219.8	1293.8	1279.3	1293.8	1219.8	1115.5	976.0	840.1	673.5	531.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	777.8	847.1	890.4	879.3	890.4	847.1	777.8	682.0	587.9	492.3	388.7
-25°	528.5	566.3	587.7	584.1	587.7	566.3	528.5	473.9	409.3	351.1	282.9
-27.5°	360.1	380.1	386.8	386.4	386.8	380.1	360.1	326.9	282.4	253.0	217.1
-30°	250.0	263.4	271.0	266.2	271.0	263.4	250.0	232.7	209.6	190.7	170.0
-32.5°	186.3	193.9	198.2	193.7	198.2	193.9	186.3	176.8	164.5	151.3	136.9
-35°	146.8	150.6	152.2	149.6	152.2	150.6	146.8	141.0	133.1	124.2	114.2
-37.5°	119.7	121.9	122.7	121.2	122.7	121.9	119.7	116.2	111.4	105.6	99.1
-40°	101.4	102.8	103.1	101.9	103.1	102.8	101.4	99.4	96.5	92.9	88.3
-42.5°	88.8	89.6	89.8	89.2	89.8	89.6	88.8	87.4	85.3	82.6	79.4
-45°	79.3	80.0	80.1	79.6	80.1	80.0	79.3	78.3	76.5	74.1	71.4
-47.5°	71.7	72.1	72.2	72.0	72.2	72.1	71.7	71.0	69.6	67.6	65.2
-50°	65.8	66.1	66.1	65.9	66.1	66.1	65.8	65.3	64.3	62.3	60.0
-52.5°	61.0	61.2	61.3	61.4	61.3	61.2	61.0	60.6	59.8	57.9	55.8
-55°	56.8	57.1	57.2	57.3	57.2	57.1	56.8	56.4	55.9	54.1	52.1
-57.5°	53.3	53.5	53.7	53.7	53.7	53.5	53.3	52.9	52.5	50.8	48.8
-60°	49.6	49.9	50.1	50.2	50.1	49.9	49.6	49.2	48.8	47.2	45.4
-62.5°	44.8	44.9	45.0	45.1	45.0	44.9	44.8	44.5	44.2	43.0	41.4
-65°	40.1	40.4	40.6	40.6	40.6	40.4	40.1	39.7	39.2	38.1	36.7
-67.5°	35.0	35.3	35.7	36.0	35.7	35.3	35.0	34.5	33.9	33.1	31.8
-70°	30.3	30.7	30.9	30.9	30.9	30.7	30.3	29.8	29.2	28.4	27.3
-72.5°	25.8	26.2	26.6	26.9	26.6	26.2	25.8	25.3	24.8	24.1	23.2
-75°	21.3	21.7	21.8	21.8	21.8	21.7	21.3	20.8	20.3	19.7	18.9
-77.5°	16.7	17.1	17.2	17.2	17.2	17.1	16.7	16.3	15.9	15.5	14.9
-80°	12.4	12.6	12.9	13.2	12.9	12.6	12.4	12.2	12.0	11.7	11.3
-82.5°	8.5	8.6	8.6	8.6	8.6	8.6	8.5	8.5	8.4	8.2	7.9
-85°	5.4	5.6	5.6	5.6	5.6	5.6	5.4	5.3	5.1	4.9	4.7
-87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.3
-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: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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	0.1
62.5°	0.5	0.6	0.6	0.5	0.4	0.2	0.3	0.3	0.2	0.0	0.2
60°	1.9	1.2	1.7	1.9	1.7	1.2	1.2	1.1	0.9	0.7	0.5
57.5°	6.2	6.0	5.0	4.3	4.1	3.6	3.0	2.3	2.1	1.7	1.2
55°	8.6	8.3	7.7	6.9	6.0	5.7	5.2	4.4	3.7	2.8	2.3
52.5°	10.6	10.7	10.3	9.3	8.5	8.0	7.3	6.6	5.8	4.9	3.8
50°	15.1	14.5	14.0	13.4	12.2	10.9	10.0	9.1	7.8	6.9	6.0
47.5°	19.3	18.5	17.9	17.2	15.7	14.3	13.0	11.6	10.1	8.6	7.7
45°	22.9	21.7	20.6	19.6	18.4	16.8	15.6	14.1	12.4	10.7	9.1
42.5°	26.5	24.6	23.1	22.2	20.7	19.1	17.7	16.5	14.7	12.7	11.1
40°	31.4	27.6	26.2	25.8	24.4	21.9	20.7	19.4	17.4	14.8	13.3
37.5°	39.4	34.3	31.8	30.5	29.2	26.6	24.3	22.6	20.8	17.9	15.7
35°	50.7	44.7	39.3	36.5	34.9	31.4	28.4	26.1	23.9	21.2	18.3
32.5°	60.6	53.9	47.4	42.5	39.0	35.8	32.3	29.5	26.7	23.9	21.0
30°	75.1	63.8	54.9	48.1	43.5	39.5	35.9	32.4	29.2	26.3	23.4
27.5°	94.7	76.8	64.7	55.0	48.3	43.5	39.4	35.3	31.6	28.5	25.6
25°	123.7	95.0	76.8	63.8	54.0	47.9	43.2	38.5	34.2	30.6	28.2
22.5°	165.3	126.1	96.2	73.3	62.4	54.6	47.7	41.9	37.0	33.7	30.9
20°	236.8	168.8	124.6	95.2	75.1	62.6	53.1	46.3	41.3	37.2	33.5
17.5°	359.1	248.8	161.3	122.6	93.9	74.5	60.9	51.8	45.6	40.6	36.3
15°	509.0	341.4	225.5	157.9	115.1	84.5	68.2	57.3	49.9	44.2	39.0
12.5°	665.1	429.6	278.6	184.8	130.3	95.1	75.9	63.6	54.3	46.8	40.8
10°	800.7	520.2	332.2	216.5	147.4	105.3	81.9	67.5	56.9	48.7	42.4
7.5°	950.5	612.9	381.6	239.7	161.5	113.5	86.0	70.2	59.0	50.2	43.6
5°	1061.5	683.6	423.3	260.9	172.2	119.7	89.2	72.1	60.7	51.5	44.6
2.5°	1135.9	732.8	449.5	275.5	178.8	124.4	91.8	73.9	62.1	52.7	45.8
0°	1159.2	737.8	469.5	284.5	183.1	128.8	93.8	75.6	62.9	53.7	46.7
-2.5°	1166.3	746.3	467.5	286.5	184.5	131.1	94.6	75.9	63.5	54.1	46.8
-5°	1119.9	724.4	457.0	284.4	183.4	131.1	96.1	76.4	63.9	54.3	46.7
-7.5°	1038.5	677.1	429.6	271.5	178.1	129.0	97.1	77.2	64.3	54.7	47.1
-10°	914.8	601.3	386.9	249.9	169.3	125.0	96.2	76.8	64.0	54.6	47.1
-12.5°	790.3	516.4	331.7	219.7	154.8	117.5	92.6	75.2	63.2	54.0	46.9
-15°	632.2	432.2	290.8	198.9	141.8	109.6	88.0	72.7	61.9	53.0	46.3
-17.5°	507.7	350.6	238.2	170.6	129.2	102.6	84.4	70.7	60.3	52.0	45.6
-20°	390.6	276.2	201.7	150.1	116.3	93.9	79.6	67.8	58.4	50.9	45.0

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REPORT NUMBER: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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°	294.4	223.7	167.4	129.0	104.3	87.3	74.8	64.5	56.2	49.4	44.1
-25°	228.7	178.4	140.0	114.0	93.7	79.9	70.3	61.9	54.5	47.9	43.0
-27.5°	180.9	144.8	120.1	99.9	85.1	74.9	66.7	59.2	52.6	46.8	41.9
-30°	146.5	123.1	104.0	88.9	78.3	69.8	63.2	56.9	50.8	45.3	40.8
-32.5°	120.0	105.6	91.3	80.4	71.6	65.1	59.7	54.5	48.6	43.9	39.6
-35°	102.8	92.3	82.1	73.4	66.0	61.1	56.3	51.3	46.6	42.2	38.2
-37.5°	90.8	82.2	74.5	67.5	62.0	57.3	53.1	48.8	44.5	40.4	36.7
-40°	81.4	74.1	68.1	62.8	58.3	54.3	50.5	46.5	42.7	38.6	35.2
-42.5°	73.7	68.0	62.8	58.7	54.9	51.5	48.2	44.7	40.9	37.1	33.4
-45°	67.4	62.9	58.6	54.9	51.7	48.9	46.2	42.8	39.1	35.2	31.5
-47.5°	62.1	58.4	54.8	51.4	48.8	46.3	43.8	40.7	36.8	33.2	30.1
-50°	57.4	54.4	51.4	48.3	46.0	43.7	41.0	37.8	34.5	31.5	28.6
-52.5°	53.6	51.0	48.3	45.7	43.4	41.0	38.2	35.4	32.6	29.8	27.0
-55°	49.9	47.7	45.5	43.4	41.2	38.8	36.2	33.4	30.6	27.9	25.2
-57.5°	46.8	44.8	42.9	40.9	39.0	36.6	33.9	31.2	28.4	25.7	23.1
-60°	43.7	41.9	40.0	38.1	36.3	34.1	31.3	28.5	25.8	23.3	20.8
-62.5°	39.7	38.0	36.3	34.5	32.6	30.4	27.8	25.3	23.0	20.8	18.5
-65°	35.1	33.6	32.0	30.2	28.1	25.9	23.7	21.8	20.0	18.2	16.2
-67.5°	30.5	29.1	27.4	25.6	23.8	22.1	20.5	18.9	17.2	15.5	13.7
-70°	26.2	25.1	23.7	22.2	20.5	18.9	17.4	15.8	14.3	12.9	11.5
-72.5°	22.2	21.1	19.9	18.5	17.0	15.6	14.4	13.1	11.9	10.7	9.5
-75°	18.1	17.2	16.2	15.1	13.9	12.8	11.7	10.7	9.6	8.6	7.6
-77.5°	14.2	13.6	12.9	12.0	11.1	10.2	9.2	8.3	7.5	6.7	6.0
-80°	10.8	10.3	9.8	9.0	8.3	7.6	6.9	6.3	5.7	5.2	4.7
-82.5°	7.5	7.1	6.7	6.2	5.7	5.2	4.7	4.3	3.9	3.6	3.2
-85°	4.5	4.3	4.1	3.8	3.5	3.2	3.0	2.7	2.5	2.3	2.1
-87.5°	2.1	2.0	1.8	1.8	1.7	1.7	1.6	1.5	1.3	1.2	1.1
-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: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-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°
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	0.1	0.1	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2
67.5°	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.1	0.2	0.3	0.3
65°	0.2	0.1	0.0	0.1	0.2	0.3	0.2	0.2	0.2	0.3	0.4
62.5°	0.3	0.4	0.3	0.2	0.3	0.4	0.5	0.3	0.3	0.4	0.5
60°	0.3	0.4	0.5	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.5
57.5°	0.9	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5
55°	1.6	1.2	0.8	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5
52.5°	2.8	2.1	1.5	1.0	0.8	0.6	0.6	0.5	0.5	0.5	0.5
50°	4.6	3.3	2.4	1.7	1.1	0.8	0.6	0.6	0.5	0.5	0.5
47.5°	6.7	4.9	3.5	2.5	1.8	1.1	0.9	0.7	0.5	0.5	0.5
45°	8.3	6.9	4.9	3.6	2.5	1.7	1.2	0.8	0.6	0.5	0.5
42.5°	9.8	8.6	6.7	4.6	3.4	2.3	1.5	1.1	0.8	0.5	0.5
40°	11.8	10.2	8.4	6.2	4.5	3.0	2.1	1.4	0.9	0.6	0.6
37.5°	13.8	12.1	10.1	7.8	5.7	4.0	2.6	1.8	1.2	0.8	0.6
35°	16.1	14.0	11.8	9.3	7.0	5.0	3.2	2.2	1.5	1.0	0.7
32.5°	18.4	15.8	13.3	10.8	8.3	6.1	3.9	2.7	1.8	1.2	0.7
30°	20.7	17.7	14.7	12.2	9.5	7.2	4.9	3.2	2.1	1.4	0.8
27.5°	22.7	19.5	16.1	13.5	10.8	8.2	5.9	3.9	2.4	1.6	1.0
25°	24.8	21.3	17.7	14.6	12.0	9.3	6.8	4.5	2.8	1.8	1.2
22.5°	27.3	23.1	19.2	15.6	13.2	10.3	7.7	5.3	3.3	2.1	1.3
20°	29.9	25.0	20.7	17.0	14.3	11.3	8.5	6.0	3.8	2.3	1.5
17.5°	32.5	27.0	22.6	18.7	15.4	12.3	9.3	6.7	4.3	2.5	1.6
15°	34.3	29.0	24.2	20.2	16.6	13.2	10.1	7.3	4.9	2.7	1.8
12.5°	35.8	30.7	25.7	21.6	17.7	14.1	10.8	7.8	5.4	2.9	1.9
10°	37.1	32.1	27.0	22.9	18.8	14.8	11.5	8.3	5.8	3.3	2.1
7.5°	38.3	33.3	28.1	24.1	19.8	15.6	12.1	8.7	6.2	3.6	2.2
5°	39.3	34.3	29.0	24.9	20.8	16.4	12.5	9.0	6.6	4.0	2.3
2.5°	40.0	35.3	29.8	25.5	21.6	17.1	12.9	9.3	6.9	4.3	2.4
0°	40.6	36.0	30.4	25.9	22.3	17.7	13.2	9.6	7.1	4.6	2.5
-2.5°	41.0	36.1	31.1	26.4	22.7	18.3	13.8	9.9	7.3	4.9	2.7
-5°	41.1	36.1	31.7	26.7	23.0	18.7	14.3	10.2	7.4	5.1	2.8
-7.5°	41.3	36.3	32.0	27.0	23.2	19.0	14.7	10.4	7.5	5.2	2.9
-10°	41.4	36.5	32.0	27.4	23.4	19.3	15.0	10.6	7.6	5.4	3.0
-12.5°	41.3	36.5	32.0	27.5	23.5	19.4	15.1	10.8	7.7	5.4	3.1
-15°	41.0	36.2	31.9	27.6	23.5	19.5	15.2	11.0	7.9	5.5	3.2
-17.5°	40.5	35.8	31.8	27.4	23.4	19.4	15.1	11.0	7.9	5.4	3.3
-20°	40.0	35.4	31.6	27.0	23.2	19.3	15.0	11.0	7.9	5.3	3.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	39.3	35.1	31.0	26.7	22.9	19.1	14.8	10.9	7.8	5.2	3.4
-25°	38.5	34.5	30.4	26.4	22.6	18.8	14.5	10.7	7.7	5.0	3.4
-27.5°	37.7	33.7	29.7	26.0	22.2	18.3	14.2	10.4	7.4	4.8	3.4
-30°	36.7	32.9	29.1	25.4	21.6	17.7	13.7	10.1	7.1	4.7	3.4
-32.5°	35.6	32.1	28.5	24.6	20.8	17.0	13.1	9.6	6.8	4.7	3.3
-35°	34.5	31.1	27.7	23.6	20.0	16.3	12.5	9.0	6.4	4.6	3.3
-37.5°	33.3	30.0	26.4	22.5	19.1	15.5	12.0	8.6	6.1	4.5	3.2
-40°	31.8	28.6	24.8	21.5	18.1	14.6	11.4	8.3	5.8	4.3	3.1
-42.5°	30.2	27.0	23.7	20.5	17.2	13.9	10.7	7.9	5.7	4.2	3.0
-45°	28.6	25.5	22.5	19.4	16.2	13.2	10.2	7.5	5.5	4.0	2.9
-47.5°	27.1	24.3	21.3	18.2	15.3	12.4	9.6	7.2	5.3	3.9	2.8
-50°	25.7	22.9	20.0	17.0	14.3	11.6	8.9	6.8	5.1	3.7	2.7
-52.5°	24.3	21.4	18.5	15.7	13.2	10.7	8.4	6.4	4.8	3.5	2.6
-55°	22.5	19.7	16.9	14.4	12.1	9.9	7.8	5.9	4.4	3.3	2.4
-57.5°	20.4	17.7	15.4	13.2	10.9	8.9	7.1	5.4	4.1	3.1	2.2
-60°	18.3	16.1	14.0	11.8	9.8	8.0	6.3	4.8	3.8	2.8	2.0
-62.5°	16.4	14.4	12.3	10.3	8.5	6.9	5.4	4.4	3.4	2.5	1.8
-65°	14.2	12.3	10.4	8.8	7.3	5.9	4.9	3.9	3.0	2.2	1.6
-67.5°	11.9	10.4	8.9	7.4	6.2	5.2	4.3	3.4	2.6	1.9	1.4
-70°	10.1	8.7	7.4	6.4	5.4	4.5	3.7	2.9	2.1	1.7	1.3
-72.5°	8.3	7.2	6.2	5.4	4.5	3.7	3.0	2.3	1.9	1.5	1.1
-75°	6.7	5.9	5.1	4.3	3.5	2.9	2.4	2.0	1.6	1.2	1.0
-77.5°	5.3	4.6	3.9	3.3	2.9	2.4	2.0	1.6	1.3	1.1	0.9
-80°	4.1	3.6	3.1	2.7	2.4	2.0	1.6	1.3	1.1	0.9	0.7
-82.5°	2.9	2.6	2.4	2.2	1.9	1.6	1.3	1.1	0.9	0.8	0.6
-85°	2.0	1.9	1.7	1.6	1.4	1.2	1.0	0.8	0.7	0.5	0.4
-87.5°	1.0	1.0	0.9	0.9	0.7	0.6	0.5	0.4	0.3	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: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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	0.0	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	0.2	0.2	0.1	0.0	0.1	0.0
62.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
60°	0.5	0.3	0.3	0.2	0.1	0.1	0.0
57.5°	0.5	0.4	0.4	0.3	0.1	0.2	0.0
55°	0.5	0.5	0.4	0.3	0.2	0.2	0.0
52.5°	0.5	0.5	0.4	0.4	0.2	0.2	0.0
50°	0.5	0.5	0.4	0.4	0.2	0.2	0.0
47.5°	0.5	0.5	0.5	0.5	0.3	0.2	0.0
45°	0.5	0.5	0.5	0.5	0.3	0.2	0.0
42.5°	0.5	0.5	0.5	0.5	0.3	0.2	0.0
40°	0.5	0.5	0.5	0.5	0.3	0.3	0.0
37.5°	0.5	0.5	0.5	0.5	0.4	0.3	0.0
35°	0.5	0.5	0.5	0.5	0.4	0.3	0.0
32.5°	0.5	0.5	0.5	0.5	0.4	0.3	0.0
30°	0.6	0.5	0.5	0.5	0.4	0.3	0.0
27.5°	0.6	0.5	0.5	0.5	0.4	0.3	0.0
25°	0.7	0.5	0.5	0.5	0.5	0.4	0.0
22.5°	0.7	0.5	0.5	0.5	0.5	0.4	0.0
20°	0.8	0.5	0.5	0.5	0.5	0.4	0.0
17.5°	0.9	0.6	0.5	0.5	0.5	0.4	0.0
15°	1.0	0.6	0.5	0.5	0.5	0.4	0.0
12.5°	1.1	0.7	0.5	0.5	0.5	0.4	0.0
10°	1.2	0.8	0.5	0.5	0.5	0.4	0.0
7.5°	1.3	0.8	0.5	0.5	0.5	0.5	0.0
5°	1.4	0.9	0.5	0.5	0.5	0.5	0.0
2.5°	1.4	0.9	0.5	0.5	0.5	0.5	0.0
0°	1.5	1.0	0.5	0.5	0.5	0.5	0.0
-2.5°	1.6	1.1	0.5	0.5	0.5	0.5	0.0
-5°	1.8	1.1	0.6	0.5	0.5	0.5	0.0
-7.5°	1.9	1.1	0.6	0.5	0.5	0.5	0.0
-10°	2.0	1.2	0.7	0.5	0.5	0.5	0.0
-12.5°	2.0	1.2	0.7	0.5	0.5	0.5	0.0
-15°	2.1	1.2	0.7	0.5	0.5	0.5	0.0
-17.5°	2.1	1.3	0.7	0.5	0.5	0.5	0.0
-20°	2.2	1.3	0.8	0.5	0.5	0.5	0.0

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REPORT NUMBER: P626538 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	2.2	1.3	0.8	0.5	0.5	0.5	0.0
-25°	2.2	1.3	0.8	0.5	0.5	0.5	0.0
-27.5°	2.2	1.4	0.8	0.5	0.5	0.4	0.0
-30°	2.2	1.4	0.7	0.5	0.5	0.4	0.0
-32.5°	2.2	1.4	0.7	0.5	0.5	0.4	0.0
-35°	2.2	1.4	0.7	0.5	0.5	0.4	0.0
-37.5°	2.2	1.4	0.7	0.5	0.5	0.4	0.0
-40°	2.1	1.3	0.7	0.5	0.5	0.4	0.0
-42.5°	2.1	1.3	0.7	0.5	0.5	0.4	0.0
-45°	2.0	1.3	0.7	0.5	0.5	0.4	0.0
-47.5°	1.9	1.2	0.7	0.5	0.5	0.3	0.0
-50°	1.8	1.1	0.7	0.5	0.5	0.3	0.0
-52.5°	1.7	1.0	0.7	0.5	0.5	0.3	0.0
-55°	1.6	1.0	0.7	0.5	0.5	0.3	0.0
-57.5°	1.4	1.0	0.7	0.5	0.5	0.3	0.0
-60°	1.3	0.9	0.7	0.5	0.5	0.2	0.0
-62.5°	1.2	0.9	0.7	0.5	0.5	0.2	0.0
-65°	1.2	0.8	0.6	0.5	0.4	0.2	0.0
-67.5°	1.1	0.8	0.6	0.5	0.4	0.2	0.0
-70°	1.0	0.7	0.6	0.5	0.3	0.2	0.0
-72.5°	0.9	0.7	0.5	0.4	0.3	0.2	0.0
-75°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-77.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-80°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-82.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-85°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
-87.5°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)