

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: P626528 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626528 (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-722-U-NR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2081.6 lumens  
Efficiency: N/A  
Efficacy: 115.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 21100.4 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 664.5 lumens  
Beam Efficiency: 31.9%

Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 1480.1 lumens  
Field Efficiency: 71.1%

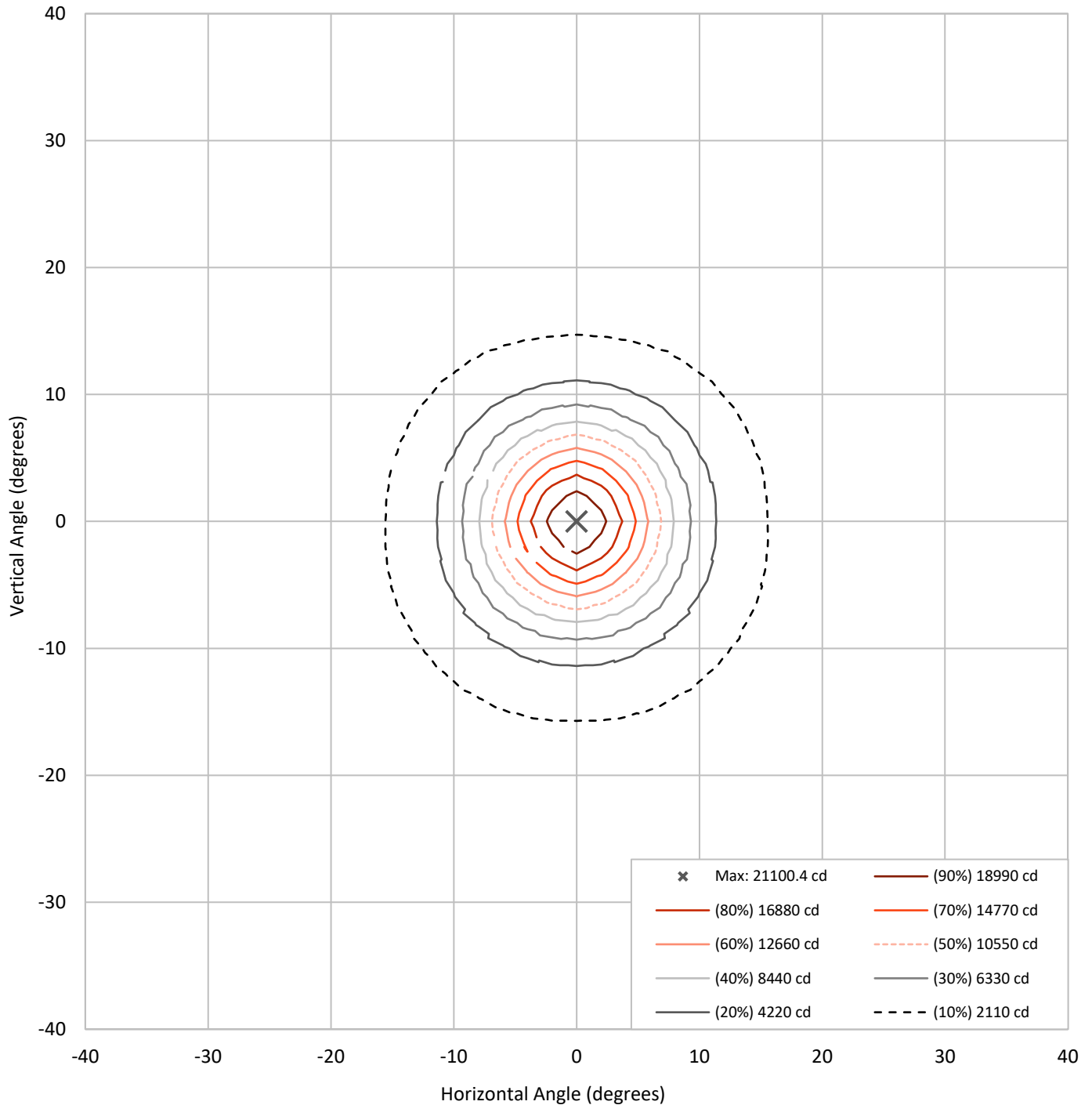
Input Watts (W): 18.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA1A-722-U-NR-VSR-XX

### Iso-Candela Plot





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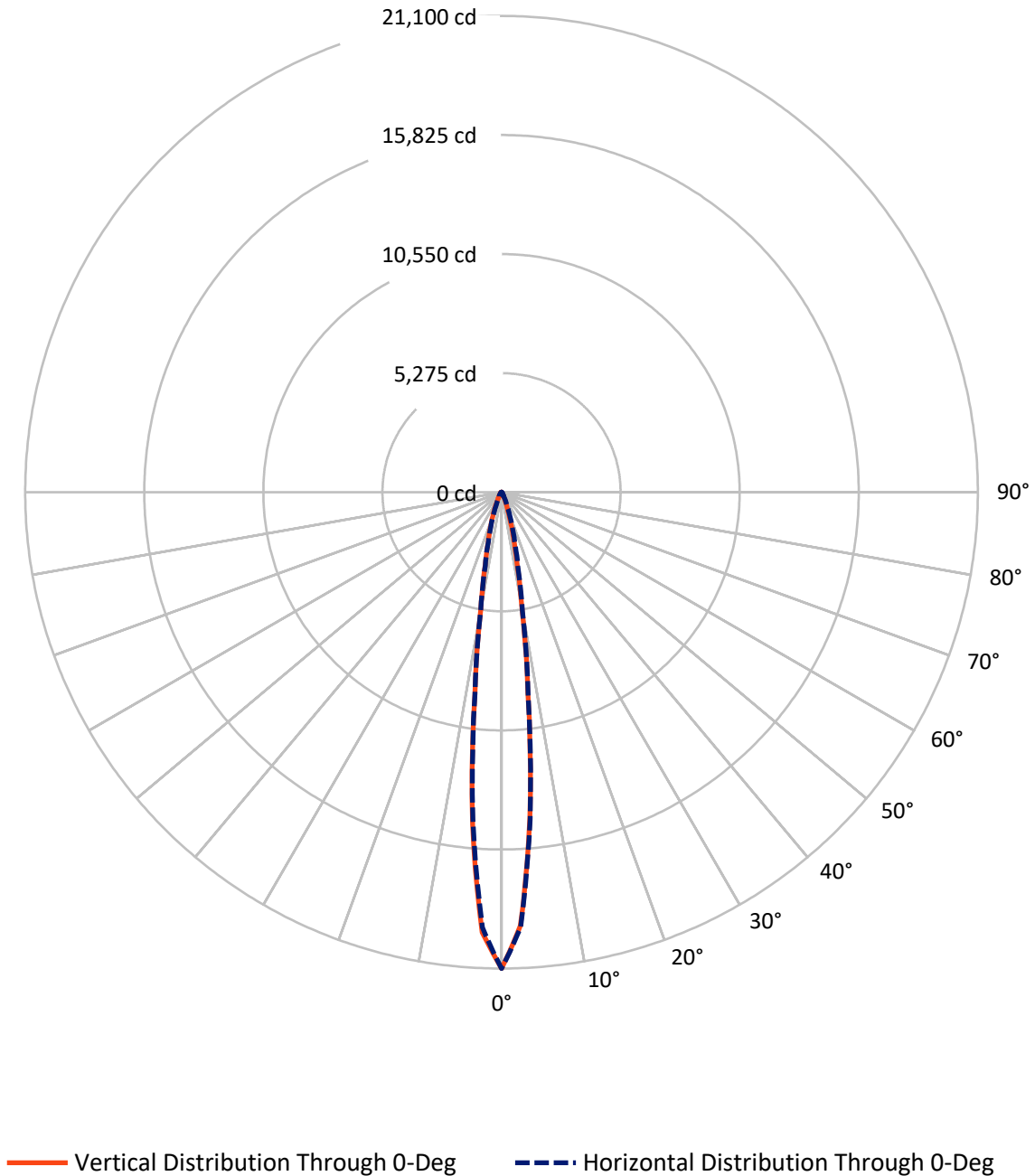
CATALOG NUMBER: GFLD-SA1A-722-U-NR-VSR-XX

### Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
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	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	
50	0.0	0.0	0.1	0.2	0.3	0.5	0.7	0.8	0.8	0.7	0.5	0.3	0.2	0.1	0.0	0.0
40		0.0	0.1	0.4	0.6	1.0	1.7	2.2	2.2	1.7	1.0	0.6	0.4	0.1	0.0	
30	0.0	0.1	0.2	0.5	1.0	2.1	5.7	9.4	9.4	5.7	2.1	1.0	0.5	0.2	0.1	0.0
20		0.1	0.3	0.7	1.6	6.3	26.7	58.7	58.7	26.7	6.3	1.6	0.7	0.3	0.1	
10	0.0	0.1	0.4	0.9	2.2	11.9	63.9	286.8	286.8	63.9	11.9	2.2	0.9	0.4	0.1	0.0
0		0.1	0.4	0.9	2.3	12.7	66.2	291.6	291.6	66.2	12.7	2.3	0.9	0.4	0.1	
-10	0.0	0.1	0.4	0.9	2.1	8.1	32.1	68.7	68.7	32.1	8.1	2.1	0.9	0.4	0.1	0.0
-20		0.1	0.4	0.8	1.6	3.8	9.9	16.5	16.5	9.9	3.8	1.6	0.8	0.4	0.1	
-30	0.0	0.1	0.4	0.7	1.2	2.1	3.4	4.3	4.3	3.4	2.1	1.2	0.7	0.4	0.1	0.0
-40		0.1	0.3	0.6	1.0	1.4	1.9	2.2	2.2	1.9	1.4	1.0	0.6	0.3	0.1	
-50	0.0	0.1	0.2	0.5	0.8	1.1	1.4	1.5	1.5	1.4	1.1	0.8	0.5	0.2	0.1	0.0
-60		0.0	0.1	0.3	0.5	0.8	1.0	1.1	1.1	1.0	0.8	0.5	0.3	0.1	0.0	
-70	0.0	0.0	0.1	0.3	0.5	0.8	1.0	1.1	1.1	1.0	0.8	0.5	0.3	0.1	0.0	0.0
-80		0.0	0.1	0.3	0.5	0.8	1.0	1.1	1.1	1.0	0.8	0.5	0.3	0.1	0.0	
-90	0.0	0.1	0.5	1.2	1.5	1.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

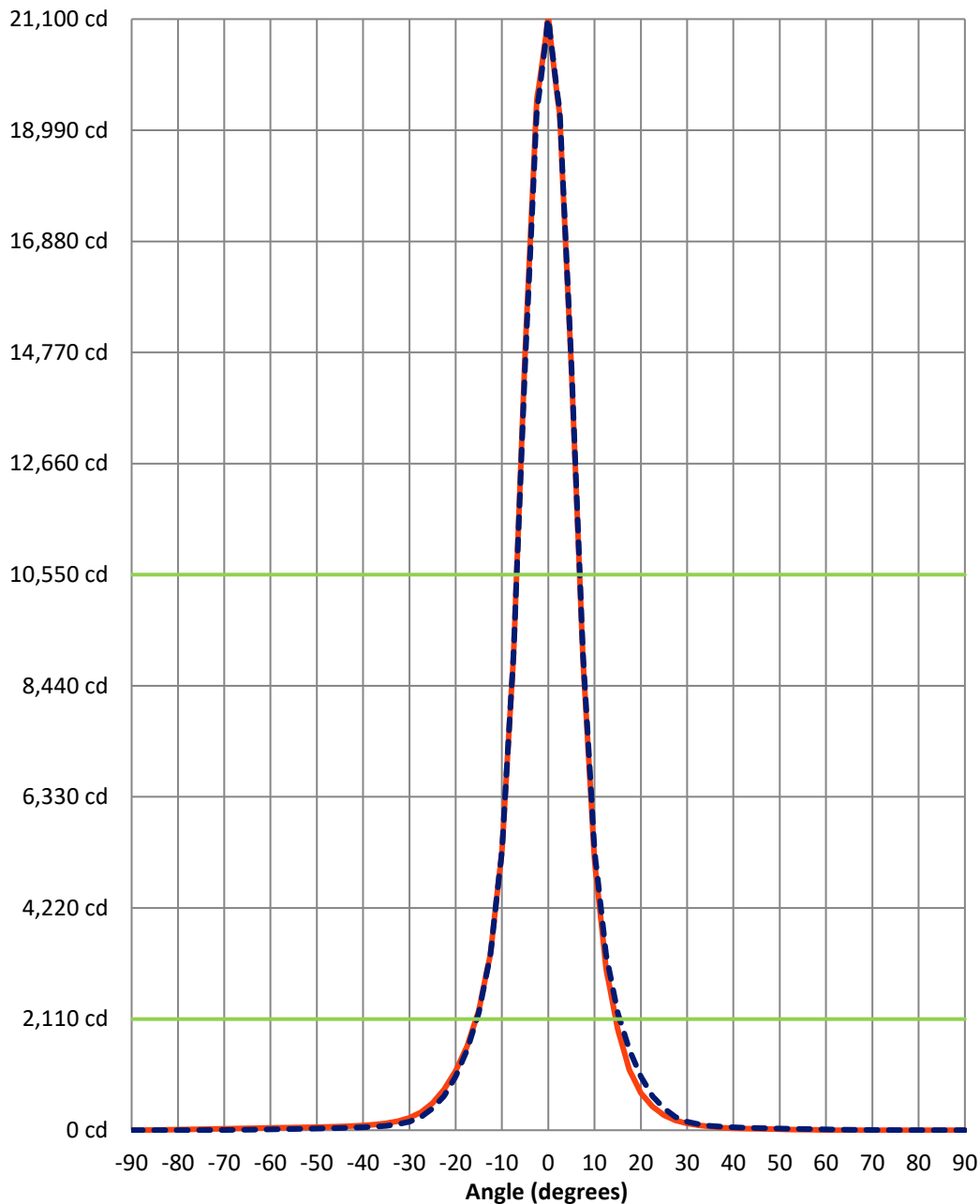
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 664.5  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 1480.1  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 601.4  
 Efficiency: 28.9%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 0-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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	0.1	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	0.0	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	0.0	0.1	0.2	0.1	0.1
67.5°	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.2	0.1
65°	0.0	0.1	0.0	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.1
62.5°	0.0	0.1	0.0	0.1	0.2	0.2	0.3	0.4	0.3	0.2	0.3
60°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.4
57.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.4	0.4
55°	0.0	0.1	0.1	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
52.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
50°	0.0	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5
47.5°	0.0	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6
45°	0.0	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.7
42.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.7	1.0
40°	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.8	1.3
37.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.5	0.7	1.0	1.6
35°	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.6	0.9	1.3	1.9
32.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.6	1.1	1.6	2.4
30°	0.0	0.3	0.3	0.4	0.4	0.4	0.5	0.7	1.2	1.9	2.9
27.5°	0.0	0.3	0.4	0.4	0.4	0.4	0.5	0.9	1.4	2.1	3.4
25°	0.0	0.3	0.4	0.4	0.4	0.4	0.6	1.0	1.7	2.5	4.0
22.5°	0.0	0.3	0.4	0.4	0.4	0.4	0.6	1.2	1.9	2.9	4.7
20°	0.0	0.3	0.4	0.4	0.4	0.4	0.7	1.3	2.1	3.4	5.3
17.5°	0.0	0.3	0.4	0.4	0.4	0.5	0.8	1.5	2.2	3.9	5.9
15°	0.0	0.3	0.4	0.4	0.4	0.5	0.9	1.6	2.4	4.3	6.4
12.5°	0.0	0.3	0.4	0.4	0.4	0.6	1.0	1.7	2.6	4.8	6.9
10°	0.0	0.4	0.4	0.4	0.4	0.7	1.0	1.9	2.9	5.2	7.3
7.5°	0.0	0.4	0.4	0.4	0.4	0.7	1.1	2.0	3.2	5.5	7.7
5°	0.0	0.4	0.4	0.4	0.4	0.8	1.2	2.0	3.5	5.8	8.0
2.5°	0.0	0.4	0.4	0.4	0.4	0.8	1.2	2.1	3.8	6.1	8.3
0°	0.0	0.4	0.4	0.4	0.4	0.9	1.3	2.2	4.0	6.3	8.5
-2.5°	0.0	0.4	0.4	0.4	0.4	0.9	1.4	2.3	4.2	6.4	8.8
-5°	0.0	0.4	0.4	0.4	0.5	1.0	1.5	2.5	4.4	6.6	9.0
-7.5°	0.0	0.4	0.4	0.4	0.5	1.0	1.6	2.6	4.6	6.6	9.2
-10°	0.0	0.4	0.4	0.4	0.6	1.0	1.7	2.7	4.7	6.7	9.3
-12.5°	0.0	0.4	0.4	0.4	0.6	1.1	1.8	2.7	4.8	6.8	9.4
-15°	0.0	0.4	0.4	0.4	0.6	1.1	1.8	2.8	4.8	6.9	9.6
-17.5°	0.0	0.4	0.4	0.4	0.6	1.1	1.9	2.9	4.8	7.0	9.7
-20°	0.0	0.4	0.4	0.4	0.7	1.1	1.9	2.9	4.7	7.0	9.7

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Scaled Data Report



REPORT NUMBER: P626528 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.4	0.4	0.4	0.7	1.1	1.9	3.0	4.6	6.9	9.6
-25°	0.0	0.4	0.4	0.4	0.7	1.2	1.9	3.0	4.5	6.8	9.3
-27.5°	0.0	0.4	0.4	0.4	0.7	1.2	1.9	3.0	4.3	6.5	9.2
-30°	0.0	0.3	0.4	0.4	0.6	1.2	1.9	3.0	4.2	6.3	8.9
-32.5°	0.0	0.3	0.4	0.4	0.6	1.2	1.9	2.9	4.1	6.0	8.4
-35°	0.0	0.3	0.4	0.4	0.6	1.2	1.9	2.9	4.1	5.7	7.9
-37.5°	0.0	0.3	0.4	0.4	0.6	1.2	1.9	2.8	3.9	5.4	7.6
-40°	0.0	0.3	0.4	0.4	0.6	1.2	1.9	2.8	3.8	5.1	7.3
-42.5°	0.0	0.3	0.4	0.4	0.6	1.1	1.8	2.7	3.6	5.0	7.0
-45°	0.0	0.3	0.4	0.4	0.6	1.1	1.8	2.6	3.5	4.8	6.6
-47.5°	0.0	0.3	0.4	0.4	0.6	1.0	1.7	2.5	3.4	4.6	6.3
-50°	0.0	0.3	0.4	0.4	0.6	1.0	1.6	2.4	3.3	4.4	6.0
-52.5°	0.0	0.2	0.4	0.4	0.6	0.9	1.5	2.3	3.1	4.2	5.6
-55°	0.0	0.2	0.4	0.4	0.6	0.8	1.4	2.1	2.9	3.9	5.2
-57.5°	0.0	0.2	0.4	0.4	0.6	0.8	1.3	1.9	2.7	3.6	4.7
-60°	0.0	0.2	0.4	0.4	0.6	0.8	1.1	1.7	2.5	3.3	4.2
-62.5°	0.0	0.2	0.4	0.4	0.6	0.8	1.1	1.5	2.2	3.0	3.8
-65°	0.0	0.2	0.3	0.4	0.5	0.7	1.0	1.3	1.9	2.7	3.4
-67.5°	0.0	0.2	0.3	0.4	0.5	0.7	0.9	1.2	1.6	2.3	3.0
-70°	0.0	0.1	0.3	0.4	0.5	0.6	0.9	1.1	1.5	1.9	2.5
-72.5°	0.0	0.1	0.2	0.4	0.4	0.6	0.8	1.0	1.3	1.6	2.0
-75°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.4	1.7
-77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.7	0.9	1.1	1.4
-80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.8	1.0	1.2
-82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.7	0.8	1.0
-85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.8
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	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	0.1	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	0.1	0.1	0.0	0.0	0.0
62.5°	0.4	0.3	0.2	0.2	0.2	0.3	0.2	0.1	0.0	0.2	0.3
60°	0.4	0.3	0.3	0.3	0.4	0.4	0.3	0.4	0.7	0.8	1.0
57.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.8	1.0	1.5	1.8	2.1
55°	0.4	0.4	0.5	0.6	0.7	1.0	1.4	2.0	2.5	3.3	3.9
52.5°	0.5	0.5	0.7	0.9	1.3	1.8	2.5	3.4	4.4	5.1	5.8
50°	0.5	0.7	1.0	1.5	2.1	2.9	4.0	5.3	6.1	6.9	7.9
47.5°	0.8	1.0	1.6	2.2	3.1	4.3	5.9	6.8	7.6	8.8	10.2
45°	1.1	1.5	2.2	3.1	4.3	6.1	7.3	8.0	9.4	10.9	12.4
42.5°	1.4	2.1	3.0	4.0	5.9	7.5	8.6	9.8	11.2	12.9	14.6
40°	1.9	2.6	3.9	5.4	7.4	9.0	10.4	11.7	13.0	15.3	17.1
37.5°	2.3	3.5	5.0	6.8	8.9	10.6	12.2	13.8	15.8	18.4	19.9
35°	2.8	4.4	6.2	8.2	10.3	12.3	14.2	16.1	18.7	21.1	23.0
32.5°	3.5	5.3	7.3	9.5	11.7	13.9	16.2	18.5	21.0	23.5	26.0
30°	4.3	6.3	8.4	10.8	13.0	15.6	18.2	20.6	23.2	25.7	28.6
27.5°	5.2	7.2	9.5	11.9	14.2	17.1	20.0	22.5	25.1	27.9	31.2
25°	6.0	8.2	10.5	12.9	15.6	18.7	21.8	24.8	27.0	30.2	34.0
22.5°	6.8	9.1	11.6	13.8	16.9	20.4	24.0	27.2	29.8	32.6	36.9
20°	7.5	10.0	12.6	15.0	18.2	22.0	26.3	29.6	32.8	36.4	40.8
17.5°	8.2	10.8	13.6	16.5	19.9	23.7	28.6	32.0	35.8	40.2	45.7
15°	8.9	11.6	14.6	17.8	21.3	25.5	30.2	34.4	38.9	44.0	50.5
12.5°	9.5	12.4	15.6	19.1	22.6	27.0	31.5	36.0	41.2	47.8	56.0
10°	10.1	13.0	16.6	20.2	23.8	28.3	32.7	37.3	42.9	50.1	59.5
7.5°	10.6	13.7	17.5	21.3	24.8	29.4	33.7	38.4	44.3	52.0	61.8
5°	11.0	14.4	18.3	21.9	25.6	30.3	34.5	39.3	45.3	53.5	63.5
2.5°	11.3	15.0	19.1	22.4	26.2	31.1	35.2	40.3	46.4	54.6	65.1
0°	<b>11.6</b>	<b>15.6</b>	<b>19.7</b>	<b>22.8</b>	<b>26.8</b>	<b>31.7</b>	<b>35.7</b>	<b>41.1</b>	<b>47.3</b>	<b>55.4</b>	<b>66.5</b>
-2.5°	12.1	16.1	20.1	23.2	27.4	31.8	36.0	41.2	47.6	56.0	66.8
-5°	12.6	16.4	20.3	23.5	27.9	31.8	36.2	41.1	47.8	56.3	67.3
-7.5°	12.9	16.7	20.5	23.8	28.1	32.0	36.4	41.4	48.1	56.6	67.9
-10°	13.1	16.9	20.6	24.1	28.2	32.1	36.5	41.5	48.1	56.4	67.6
-12.5°	13.3	17.1	20.7	24.3	28.2	32.1	36.4	41.3	47.6	55.7	66.2
-15°	13.3	17.1	20.7	24.3	28.1	31.9	36.1	40.8	46.7	54.5	64.0
-17.5°	13.3	17.1	20.6	24.1	28.0	31.6	35.6	40.2	45.8	53.1	62.3
-20°	13.2	17.0	20.4	23.8	27.8	31.2	35.2	39.6	44.9	51.5	59.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626528 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	13.0	16.9	20.2	23.5	27.3	30.9	34.6	38.8	43.5	49.5	56.8
-25°	12.8	16.6	20.0	23.2	26.8	30.4	33.9	37.9	42.2	48.0	54.5
-27.5°	12.5	16.2	19.6	22.9	26.2	29.7	33.1	36.9	41.2	46.3	52.1
-30°	12.1	15.6	19.0	22.4	25.6	29.0	32.3	35.9	40.0	44.7	50.1
-32.5°	11.6	15.0	18.4	21.7	25.1	28.2	31.4	34.8	38.6	42.8	47.9
-35°	11.0	14.4	17.6	20.8	24.4	27.4	30.4	33.6	37.1	41.0	45.2
-37.5°	10.5	13.6	16.8	19.9	23.2	26.4	29.3	32.3	35.6	39.2	43.0
-40°	10.0	12.9	16.0	19.0	21.9	25.2	28.1	31.0	34.0	37.6	41.0
-42.5°	9.5	12.3	15.1	18.0	20.9	23.8	26.7	29.5	32.6	36.0	39.3
-45°	9.0	11.6	14.2	17.1	19.9	22.5	25.2	27.8	31.1	34.4	37.7
-47.5°	8.5	11.0	13.5	16.0	18.8	21.4	23.9	26.5	29.3	32.5	35.8
-50°	7.9	10.3	12.6	15.0	17.6	20.2	22.7	25.2	27.7	30.4	33.3
-52.5°	7.4	9.5	11.7	13.9	16.3	18.9	21.4	23.8	26.2	28.7	31.2
-55°	6.8	8.7	10.7	12.7	14.9	17.4	19.8	22.2	24.6	26.9	29.4
-57.5°	6.2	7.9	9.7	11.6	13.6	15.6	18.0	20.4	22.6	25.0	27.5
-60°	5.5	7.0	8.6	10.4	12.3	14.2	16.1	18.3	20.5	22.7	25.1
-62.5°	4.8	6.1	7.5	9.1	10.8	12.7	14.4	16.3	18.3	20.2	22.3
-65°	4.3	5.2	6.4	7.8	9.3	10.9	12.6	14.3	16.1	17.7	19.3
-67.5°	3.8	4.6	5.5	6.5	7.8	9.2	10.5	12.1	13.7	15.2	16.6
-70°	3.2	4.0	4.7	5.6	6.5	7.6	8.9	10.1	11.3	12.6	13.9
-72.5°	2.6	3.3	4.0	4.7	5.5	6.4	7.3	8.4	9.4	10.5	11.5
-75°	2.1	2.6	3.1	3.7	4.4	5.2	5.9	6.7	7.6	8.5	9.4
-77.5°	1.7	2.1	2.5	2.9	3.4	4.1	4.7	5.3	6.0	6.6	7.4
-80°	1.4	1.7	2.1	2.4	2.8	3.2	3.6	4.1	4.6	5.0	5.5
-82.5°	1.2	1.4	1.7	1.9	2.1	2.4	2.6	2.9	3.2	3.5	3.8
-85°	0.9	1.1	1.3	1.4	1.5	1.6	1.7	1.9	2.1	2.3	2.4
-87.5°	0.5	0.5	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.2	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: P626528 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	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	0.3	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3
60°	1.1	1.1	1.5	1.7	1.5	1.1	1.7	2.0	1.9	1.6	1.6
57.5°	2.6	3.2	3.6	3.8	4.4	5.3	5.5	5.2	5.1	5.2	6.0
55°	4.6	5.0	5.3	6.1	6.8	7.3	7.6	7.9	8.4	8.9	9.5
52.5°	6.4	7.0	7.5	8.2	9.1	9.4	9.4	10.5	11.3	11.9	12.1
50°	8.8	9.6	10.7	11.8	12.3	12.8	13.3	14.2	15.6	17.2	18.2
47.5°	11.4	12.6	13.8	15.1	15.8	16.3	17.0	18.6	20.5	22.3	23.2
45°	13.7	14.8	16.2	17.3	18.1	19.1	20.2	21.6	23.7	25.6	26.8
42.5°	15.6	16.8	18.2	19.6	20.4	21.7	23.4	25.3	27.5	29.4	30.9
40°	18.2	19.3	21.5	22.7	23.1	24.3	27.7	30.3	32.8	35.2	36.4
37.5°	21.4	23.4	25.7	26.9	28.0	30.2	34.7	39.0	42.1	45.4	47.1
35°	25.0	27.7	30.8	32.2	34.6	39.4	44.6	50.6	58.0	61.1	64.0
32.5°	28.5	31.5	34.3	37.4	41.7	47.4	53.3	63.0	72.1	79.1	84.2
30°	31.6	34.8	38.3	42.3	48.3	56.2	66.1	78.6	91.4	102.5	111.9
27.5°	34.7	38.3	42.5	48.4	57.0	67.7	83.4	101.3	122.6	138.2	156.9
25°	38.0	42.2	47.5	56.2	67.7	83.7	108.9	138.0	172.8	201.0	230.6
22.5°	42.0	48.1	54.9	64.6	84.7	111.1	145.6	195.1	248.7	298.3	346.0
20°	46.8	55.1	66.1	83.8	109.7	148.7	208.5	287.6	366.5	450.4	531.3
17.5°	53.7	65.7	82.7	107.9	142.1	219.2	316.3	438.6	595.8	738.2	862.5
15°	60.1	74.4	101.4	139.1	198.6	300.7	448.3	650.2	895.2	1118.3	1354.1
12.5°	66.8	83.8	114.8	162.7	245.5	378.4	585.8	862.4	1169.1	1505.5	1888.7
10°	72.2	92.8	129.8	190.7	292.6	458.2	705.2	1040.7	1448.2	1946.1	2558.7
7.5°	75.8	100.0	142.3	211.1	336.1	539.8	837.2	1240.4	1749.9	2409.5	3266.6
5°	78.6	105.5	151.6	229.8	372.8	602.1	934.9	1415.3	2018.0	2901.8	4354.4
2.5°	80.8	109.7	157.5	242.6	395.9	645.5	1000.5	1514.3	2177.6	3265.7	5150.3
0°	82.6	113.4	161.2	250.6	413.6	649.8	1021.0	1532.4	2234.9	3331.4	5321.5
-2.5°	83.4	115.5	162.5	252.3	411.8	657.3	1027.2	1546.8	2232.7	3295.4	5130.3
-5°	84.6	115.5	161.6	250.5	402.6	638.0	986.5	1465.9	2098.0	3012.0	4515.3
-7.5°	85.5	113.6	156.9	239.2	378.4	596.4	914.8	1331.8	1852.9	2546.8	3477.8
-10°	84.7	110.0	149.1	220.1	340.8	529.6	805.8	1154.8	1587.9	2102.1	2734.7
-12.5°	81.5	103.5	136.3	193.5	292.2	454.8	696.1	993.2	1313.8	1674.9	2112.1
-15°	77.5	96.5	124.9	175.2	256.1	380.7	556.8	797.9	1055.0	1329.3	1621.7
-17.5°	74.3	90.3	113.8	150.2	209.8	308.8	447.2	618.5	807.4	1016.2	1189.5
-20°	70.1	82.7	102.5	132.2	177.6	243.3	344.0	468.5	593.2	739.9	859.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626528 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	65.9	76.9	91.9	113.7	147.4	197.0	259.3	342.3	433.5	517.8	600.7
-25°	61.9	70.4	82.5	100.4	123.3	157.1	201.5	249.1	309.2	360.5	417.4
-27.5°	58.7	66.0	75.0	88.0	105.8	127.6	159.3	191.3	222.9	248.7	287.9
-30°	55.6	61.5	69.0	78.3	91.6	108.4	129.0	149.7	168.0	184.6	205.0
-32.5°	52.6	57.3	63.1	70.9	80.4	93.0	105.7	120.6	133.2	144.9	155.8
-35°	49.5	53.8	58.2	64.7	72.3	81.3	90.5	100.6	109.4	117.2	124.2
-37.5°	46.8	50.5	54.6	59.5	65.6	72.4	79.9	87.2	93.0	98.2	102.4
-40°	44.5	47.8	51.4	55.3	60.0	65.3	71.6	77.7	81.8	85.0	87.5
-42.5°	42.4	45.4	48.4	51.7	55.3	59.9	64.9	70.0	72.7	75.2	77.0
-45°	40.8	43.0	45.5	48.4	51.6	55.4	59.4	62.9	65.3	67.4	69.0
-47.5°	38.6	40.8	42.9	45.2	48.2	51.5	54.7	57.4	59.6	61.4	62.6
-50°	36.1	38.5	40.5	42.5	45.2	48.0	50.6	52.8	54.9	56.7	57.6
-52.5°	33.7	36.1	38.2	40.2	42.5	44.9	47.2	49.2	51.0	52.7	53.3
-55°	31.8	34.1	36.3	38.2	40.1	42.0	43.9	45.9	47.6	49.2	49.7
-57.5°	29.9	32.2	34.3	36.1	37.8	39.5	41.3	43.0	44.7	46.2	46.6
-60°	27.5	30.0	31.9	33.6	35.2	36.9	38.5	40.0	41.6	42.9	43.4
-62.5°	24.5	26.8	28.7	30.4	32.0	33.5	35.0	36.4	37.9	38.9	39.2
-65°	20.9	22.9	24.8	26.6	28.1	29.6	30.9	32.3	33.6	34.5	34.9
-67.5°	18.0	19.4	21.0	22.5	24.1	25.6	26.8	28.0	29.1	29.9	30.4
-70°	15.3	16.6	18.1	19.5	20.9	22.1	23.1	24.1	25.0	25.7	26.2
-72.5°	12.6	13.8	15.0	16.2	17.5	18.6	19.5	20.4	21.2	21.8	22.3
-75°	10.3	11.2	12.2	13.3	14.3	15.1	15.9	16.7	17.4	17.9	18.3
-77.5°	8.1	8.9	9.7	10.6	11.4	12.0	12.6	13.1	13.6	14.1	14.4
-80°	6.1	6.7	7.3	7.9	8.6	9.0	9.5	9.9	10.3	10.5	10.7
-82.5°	4.1	4.6	5.0	5.5	5.9	6.3	6.6	6.9	7.3	7.4	7.5
-85°	2.6	2.8	3.1	3.3	3.6	3.8	4.0	4.2	4.3	4.5	4.6
-87.5°	1.5	1.5	1.6	1.6	1.6	1.8	1.9	2.0	2.1	2.1	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626528 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
62.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4
60°	1.5	1.3	1.3	1.3	1.3	1.3	1.5	1.6	1.6	1.9	2.0
57.5°	6.8	7.5	7.7	7.6	7.7	7.5	6.8	6.0	5.2	5.1	5.2
55°	9.9	10.2	10.3	10.3	10.3	10.2	9.9	9.5	8.9	8.4	7.9
52.5°	12.2	12.1	12.1	12.1	12.1	12.1	12.2	12.1	11.9	11.3	10.5
50°	18.3	17.9	17.8	17.9	17.8	17.9	18.3	18.2	17.2	15.6	14.2
47.5°	23.3	23.4	23.6	23.7	23.6	23.4	23.3	23.2	22.3	20.5	18.6
45°	27.2	27.4	27.6	27.7	27.6	27.4	27.2	26.8	25.6	23.7	21.6
42.5°	31.2	31.2	31.2	31.3	31.2	31.2	31.2	30.9	29.4	27.5	25.3
40°	36.9	37.0	36.8	36.6	36.8	37.0	36.9	36.4	35.2	32.8	30.3
37.5°	48.1	48.3	47.7	47.3	47.7	48.3	48.1	47.1	45.4	42.1	39.0
35°	66.6	68.5	69.4	69.7	69.4	68.5	66.6	64.0	61.1	58.0	50.6
32.5°	87.7	90.4	91.8	92.9	91.8	90.4	87.7	84.2	79.1	72.1	63.0
30°	118.1	123.0	125.1	128.2	125.1	123.0	118.1	111.9	102.5	91.4	78.6
27.5°	167.6	176.2	180.9	185.3	180.9	176.2	167.6	156.9	138.2	122.6	101.3
25°	252.1	268.7	279.4	284.5	279.4	268.7	252.1	230.6	201.0	172.8	138.0
22.5°	392.2	422.8	446.4	451.1	446.4	422.8	392.2	346.0	298.3	248.7	195.1
20°	609.7	653.5	689.1	707.0	689.1	653.5	609.7	531.3	450.4	366.5	287.6
17.5°	1010.6	1101.7	1143.3	1150.1	1143.3	1101.7	1010.6	862.5	738.2	595.8	438.6
15°	1607.1	1761.1	1858.9	1921.8	1858.9	1761.1	1607.1	1354.1	1118.3	895.2	650.2
12.5°	2287.6	2725.2	2974.2	3069.2	2974.2	2725.2	2287.6	1888.7	1505.5	1169.1	862.4
10°	3211.2	4241.5	4835.8	5134.9	4835.8	4241.5	3211.2	2558.7	1946.1	1448.2	1040.7
7.5°	4778.8	6370.1	8133.2	8948.8	8133.2	6370.1	4778.8	3266.6	2409.5	1749.9	1240.4
5°	6426.8	9920.5	12987.0	14455.5	12987.0	9920.5	6426.8	4354.4	2901.8	2018.0	1415.3
2.5°	8320.8	13032.5	17388.8	19220.6	17388.8	13032.5	8320.8	5150.3	3265.7	2177.6	1514.3
0°	9049.8	14538.1	19302.5	21100.4	19302.5	14538.1	9049.8	5321.5	3331.4	2234.9	1532.4
-2.5°	8433.5	13260.8	17463.7	19518.0	17463.7	13260.8	8433.5	5130.3	3295.4	2232.7	1546.8
-5°	6700.9	9975.2	13087.9	14761.9	13087.9	9975.2	6700.9	4515.3	3012.0	2098.0	1465.9
-7.5°	4918.0	6700.5	8429.2	9033.7	8429.2	6700.5	4918.0	3477.8	2546.8	1852.9	1331.8
-10°	3424.0	4444.7	5118.5	5310.8	5118.5	4444.7	3424.0	2734.7	2102.1	1587.9	1154.8
-12.5°	2538.6	2985.0	3295.6	3349.7	3295.6	2985.0	2538.6	2112.1	1674.9	1313.8	993.2
-15°	1879.7	2106.8	2267.0	2277.8	2267.0	2106.8	1879.7	1621.7	1329.3	1055.0	797.9
-17.5°	1374.1	1526.5	1607.4	1601.6	1607.4	1526.5	1374.1	1189.5	1016.2	807.4	618.5
-20°	982.6	1074.4	1139.6	1126.8	1139.6	1074.4	982.6	859.7	739.9	593.2	468.5

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

Scaled Data Report



REPORT NUMBER: P626528 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	685.1	746.1	784.3	774.4	784.3	746.1	685.1	600.7	517.8	433.5	342.3
-25°	465.5	498.7	517.6	514.5	517.6	498.7	465.5	417.4	360.5	309.2	249.1
-27.5°	317.2	334.8	340.6	340.3	340.6	334.8	317.2	287.9	248.7	222.9	191.3
-30°	220.2	232.0	238.7	234.5	238.7	232.0	220.2	205.0	184.6	168.0	149.7
-32.5°	164.1	170.8	174.6	170.6	174.6	170.8	164.1	155.8	144.9	133.2	120.6
-35°	129.3	132.7	134.0	131.8	134.0	132.7	129.3	124.2	117.2	109.4	100.6
-37.5°	105.4	107.4	108.1	106.7	108.1	107.4	105.4	102.4	98.2	93.0	87.2
-40°	89.4	90.6	90.9	89.8	90.9	90.6	89.4	87.5	85.0	81.8	77.7
-42.5°	78.2	78.9	79.1	78.6	79.1	78.9	78.2	77.0	75.2	72.7	70.0
-45°	69.9	70.5	70.6	70.1	70.6	70.5	69.9	69.0	67.4	65.3	62.9
-47.5°	63.1	63.5	63.6	63.4	63.6	63.5	63.1	62.6	61.4	59.6	57.4
-50°	58.0	58.2	58.3	58.1	58.3	58.2	58.0	57.6	56.7	54.9	52.8
-52.5°	53.7	53.8	53.9	54.0	53.9	53.8	53.7	53.3	52.7	51.0	49.2
-55°	50.1	50.3	50.5	50.5	50.5	50.3	50.1	49.7	49.2	47.6	45.9
-57.5°	46.9	47.1	47.3	47.3	47.3	47.1	46.9	46.6	46.2	44.7	43.0
-60°	43.7	44.0	44.1	44.2	44.1	44.0	43.7	43.4	42.9	41.6	40.0
-62.5°	39.4	39.5	39.7	39.7	39.7	39.5	39.4	39.2	38.9	37.9	36.4
-65°	35.3	35.5	35.7	35.7	35.7	35.5	35.3	34.9	34.5	33.6	32.3
-67.5°	30.8	31.1	31.4	31.7	31.4	31.1	30.8	30.4	29.9	29.1	28.0
-70°	26.7	27.0	27.2	27.2	27.2	27.0	26.7	26.2	25.7	25.0	24.1
-72.5°	22.7	23.1	23.4	23.7	23.4	23.1	22.7	22.3	21.8	21.2	20.4
-75°	18.7	19.1	19.2	19.2	19.2	19.1	18.7	18.3	17.9	17.4	16.7
-77.5°	14.8	15.1	15.2	15.2	15.2	15.1	14.8	14.4	14.1	13.6	13.1
-80°	10.9	11.1	11.4	11.6	11.4	11.1	10.9	10.7	10.5	10.3	9.9
-82.5°	7.5	7.6	7.6	7.6	7.6	7.6	7.5	7.5	7.4	7.3	6.9
-85°	4.8	4.9	4.9	4.9	4.9	4.9	4.8	4.6	4.5	4.3	4.2
-87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626528 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	0.4	0.5	0.5	0.5	0.3	0.2	0.3	0.3	0.2	0.0	0.1
60°	1.7	1.1	1.5	1.7	1.5	1.1	1.1	1.0	0.8	0.7	0.4
57.5°	5.5	5.3	4.4	3.8	3.6	3.2	2.6	2.1	1.8	1.5	1.0
55°	7.6	7.3	6.8	6.1	5.3	5.0	4.6	3.9	3.3	2.5	2.0
52.5°	9.4	9.4	9.1	8.2	7.5	7.0	6.4	5.8	5.1	4.4	3.4
50°	13.3	12.8	12.3	11.8	10.7	9.6	8.8	7.9	6.9	6.1	5.3
47.5°	17.0	16.3	15.8	15.1	13.8	12.6	11.4	10.2	8.8	7.6	6.8
45°	20.2	19.1	18.1	17.3	16.2	14.8	13.7	12.4	10.9	9.4	8.0
42.5°	23.4	21.7	20.4	19.6	18.2	16.8	15.6	14.6	12.9	11.2	9.8
40°	27.7	24.3	23.1	22.7	21.5	19.3	18.2	17.1	15.3	13.0	11.7
37.5°	34.7	30.2	28.0	26.9	25.7	23.4	21.4	19.9	18.4	15.8	13.8
35°	44.6	39.4	34.6	32.2	30.8	27.7	25.0	23.0	21.1	18.7	16.1
32.5°	53.3	47.4	41.7	37.4	34.3	31.5	28.5	26.0	23.5	21.0	18.5
30°	66.1	56.2	48.3	42.3	38.3	34.8	31.6	28.6	25.7	23.2	20.6
27.5°	83.4	67.7	57.0	48.4	42.5	38.3	34.7	31.2	27.9	25.1	22.5
25°	108.9	83.7	67.7	56.2	47.5	42.2	38.0	34.0	30.2	27.0	24.8
22.5°	145.6	111.1	84.7	64.6	54.9	48.1	42.0	36.9	32.6	29.8	27.2
20°	208.5	148.7	109.7	83.8	66.1	55.1	46.8	40.8	36.4	32.8	29.6
17.5°	316.3	219.2	142.1	107.9	82.7	65.7	53.7	45.7	40.2	35.8	32.0
15°	448.3	300.7	198.6	139.1	101.4	74.4	60.1	50.5	44.0	38.9	34.4
12.5°	585.8	378.4	245.5	162.7	114.8	83.8	66.8	56.0	47.8	41.2	36.0
10°	705.2	458.2	292.6	190.7	129.8	92.8	72.2	59.5	50.1	42.9	37.3
7.5°	837.2	539.8	336.1	211.1	142.3	100.0	75.8	61.8	52.0	44.3	38.4
5°	934.9	602.1	372.8	229.8	151.6	105.5	78.6	63.5	53.5	45.3	39.3
2.5°	1000.5	645.5	395.9	242.6	157.5	109.7	80.8	65.1	54.6	46.4	40.3
0°	1021.0	649.8	413.6	250.6	161.2	113.4	82.6	66.5	55.4	47.3	41.1
-2.5°	1027.2	657.3	411.8	252.3	162.5	115.5	83.4	66.8	56.0	47.6	41.2
-5°	986.5	638.0	402.6	250.5	161.6	115.5	84.6	67.3	56.3	47.8	41.1
-7.5°	914.8	596.4	378.4	239.2	156.9	113.6	85.5	67.9	56.6	48.1	41.4
-10°	805.8	529.6	340.8	220.1	149.1	110.0	84.7	67.6	56.4	48.1	41.5
-12.5°	696.1	454.8	292.2	193.5	136.3	103.5	81.5	66.2	55.7	47.6	41.3
-15°	556.8	380.7	256.1	175.2	124.9	96.5	77.5	64.0	54.5	46.7	40.8
-17.5°	447.2	308.8	209.8	150.2	113.8	90.3	74.3	62.3	53.1	45.8	40.2
-20°	344.0	243.3	177.6	132.2	102.5	82.7	70.1	59.7	51.5	44.9	39.6

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Peachtree City, GA 30269

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REPORT NUMBER: P626528 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	259.3	197.0	147.4	113.7	91.9	76.9	65.9	56.8	49.5	43.5	38.8
-25°	201.5	157.1	123.3	100.4	82.5	70.4	61.9	54.5	48.0	42.2	37.9
-27.5°	159.3	127.6	105.8	88.0	75.0	66.0	58.7	52.1	46.3	41.2	36.9
-30°	129.0	108.4	91.6	78.3	69.0	61.5	55.6	50.1	44.7	40.0	35.9
-32.5°	105.7	93.0	80.4	70.9	63.1	57.3	52.6	47.9	42.8	38.6	34.8
-35°	90.5	81.3	72.3	64.7	58.2	53.8	49.5	45.2	41.0	37.1	33.6
-37.5°	79.9	72.4	65.6	59.5	54.6	50.5	46.8	43.0	39.2	35.6	32.3
-40°	71.6	65.3	60.0	55.3	51.4	47.8	44.5	41.0	37.6	34.0	31.0
-42.5°	64.9	59.9	55.3	51.7	48.4	45.4	42.4	39.3	36.0	32.6	29.5
-45°	59.4	55.4	51.6	48.4	45.5	43.0	40.8	37.7	34.4	31.1	27.8
-47.5°	54.7	51.5	48.2	45.2	42.9	40.8	38.6	35.8	32.5	29.3	26.5
-50°	50.6	48.0	45.2	42.5	40.5	38.5	36.1	33.3	30.4	27.7	25.2
-52.5°	47.2	44.9	42.5	40.2	38.2	36.1	33.7	31.2	28.7	26.2	23.8
-55°	43.9	42.0	40.1	38.2	36.3	34.1	31.8	29.4	26.9	24.6	22.2
-57.5°	41.3	39.5	37.8	36.1	34.3	32.2	29.9	27.5	25.0	22.6	20.4
-60°	38.5	36.9	35.2	33.6	31.9	30.0	27.5	25.1	22.7	20.5	18.3
-62.5°	35.0	33.5	32.0	30.4	28.7	26.8	24.5	22.3	20.2	18.3	16.3
-65°	30.9	29.6	28.1	26.6	24.8	22.9	20.9	19.3	17.7	16.1	14.3
-67.5°	26.8	25.6	24.1	22.5	21.0	19.4	18.0	16.6	15.2	13.7	12.1
-70°	23.1	22.1	20.9	19.5	18.1	16.6	15.3	13.9	12.6	11.3	10.1
-72.5°	19.5	18.6	17.5	16.2	15.0	13.8	12.6	11.5	10.5	9.4	8.4
-75°	15.9	15.1	14.3	13.3	12.2	11.2	10.3	9.4	8.5	7.6	6.7
-77.5°	12.6	12.0	11.4	10.6	9.7	8.9	8.1	7.4	6.6	6.0	5.3
-80°	9.5	9.0	8.6	7.9	7.3	6.7	6.1	5.5	5.0	4.6	4.1
-82.5°	6.6	6.3	5.9	5.5	5.0	4.6	4.1	3.8	3.5	3.2	2.9
-85°	4.0	3.8	3.6	3.3	3.1	2.8	2.6	2.4	2.3	2.1	1.9
-87.5°	1.9	1.8	1.6	1.6	1.6	1.5	1.5	1.3	1.2	1.0	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





REPORT NUMBER: P626528 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.1	0.2	0.1
67.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.2	0.3	0.2
65°	0.1	0.1	0.0	0.1	0.2	0.3	0.2	0.1	0.2	0.3	0.3
62.5°	0.2	0.3	0.2	0.2	0.2	0.3	0.4	0.3	0.2	0.3	0.4
60°	0.3	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.4
57.5°	0.8	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4
55°	1.4	1.0	0.7	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4
52.5°	2.5	1.8	1.3	0.9	0.7	0.5	0.5	0.4	0.4	0.4	0.4
50°	4.0	2.9	2.1	1.5	1.0	0.7	0.5	0.5	0.4	0.4	0.4
47.5°	5.9	4.3	3.1	2.2	1.6	1.0	0.8	0.6	0.4	0.4	0.4
45°	7.3	6.1	4.3	3.1	2.2	1.5	1.1	0.7	0.5	0.4	0.4
42.5°	8.6	7.5	5.9	4.0	3.0	2.1	1.4	1.0	0.7	0.4	0.4
40°	10.4	9.0	7.4	5.4	3.9	2.6	1.9	1.3	0.8	0.5	0.5
37.5°	12.2	10.6	8.9	6.8	5.0	3.5	2.3	1.6	1.0	0.7	0.5
35°	14.2	12.3	10.3	8.2	6.2	4.4	2.8	1.9	1.3	0.9	0.6
32.5°	16.2	13.9	11.7	9.5	7.3	5.3	3.5	2.4	1.6	1.1	0.6
30°	18.2	15.6	13.0	10.8	8.4	6.3	4.3	2.9	1.9	1.2	0.7
27.5°	20.0	17.1	14.2	11.9	9.5	7.2	5.2	3.4	2.1	1.4	0.9
25°	21.8	18.7	15.6	12.9	10.5	8.2	6.0	4.0	2.5	1.7	1.0
22.5°	24.0	20.4	16.9	13.8	11.6	9.1	6.8	4.7	2.9	1.9	1.2
20°	26.3	22.0	18.2	15.0	12.6	10.0	7.5	5.3	3.4	2.1	1.3
17.5°	28.6	23.7	19.9	16.5	13.6	10.8	8.2	5.9	3.9	2.2	1.5
15°	30.2	25.5	21.3	17.8	14.6	11.6	8.9	6.4	4.3	2.4	1.6
12.5°	31.5	27.0	22.6	19.1	15.6	12.4	9.5	6.9	4.8	2.6	1.7
10°	32.7	28.3	23.8	20.2	16.6	13.0	10.1	7.3	5.2	2.9	1.9
7.5°	33.7	29.4	24.8	21.3	17.5	13.7	10.6	7.7	5.5	3.2	2.0
5°	34.5	30.3	25.6	21.9	18.3	14.4	11.0	8.0	5.8	3.5	2.0
2.5°	35.2	31.1	26.2	22.4	19.1	15.0	11.3	8.3	6.1	3.8	2.1
0°	35.7	31.7	26.8	22.8	19.7	15.6	11.6	8.5	6.3	4.0	2.2
-2.5°	36.0	31.8	27.4	23.2	20.1	16.1	12.1	8.8	6.4	4.2	2.3
-5°	36.2	31.8	27.9	23.5	20.3	16.4	12.6	9.0	6.6	4.4	2.5
-7.5°	36.4	32.0	28.1	23.8	20.5	16.7	12.9	9.2	6.6	4.6	2.6
-10°	36.5	32.1	28.2	24.1	20.6	16.9	13.1	9.3	6.7	4.7	2.7
-12.5°	36.4	32.1	28.2	24.3	20.7	17.1	13.3	9.4	6.8	4.8	2.7
-15°	36.1	31.9	28.1	24.3	20.7	17.1	13.3	9.6	6.9	4.8	2.8
-17.5°	35.6	31.6	28.0	24.1	20.6	17.1	13.3	9.7	7.0	4.8	2.9
-20°	35.2	31.2	27.8	23.8	20.4	17.0	13.2	9.7	7.0	4.7	2.9

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Cooper Lighting Solutions Photometric Lab  
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REPORT NUMBER: P626528 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	34.6	30.9	27.3	23.5	20.2	16.9	13.0	9.6	6.9	4.6	3.0
-25°	33.9	30.4	26.8	23.2	20.0	16.6	12.8	9.3	6.8	4.5	3.0
-27.5°	33.1	29.7	26.2	22.9	19.6	16.2	12.5	9.2	6.5	4.3	3.0
-30°	32.3	29.0	25.6	22.4	19.0	15.6	12.1	8.9	6.3	4.2	3.0
-32.5°	31.4	28.2	25.1	21.7	18.4	15.0	11.6	8.4	6.0	4.1	2.9
-35°	30.4	27.4	24.4	20.8	17.6	14.4	11.0	7.9	5.7	4.1	2.9
-37.5°	29.3	26.4	23.2	19.9	16.8	13.6	10.5	7.6	5.4	3.9	2.8
-40°	28.1	25.2	21.9	19.0	16.0	12.9	10.0	7.3	5.1	3.8	2.8
-42.5°	26.7	23.8	20.9	18.0	15.1	12.3	9.5	7.0	5.0	3.6	2.7
-45°	25.2	22.5	19.9	17.1	14.2	11.6	9.0	6.6	4.8	3.5	2.6
-47.5°	23.9	21.4	18.8	16.0	13.5	11.0	8.5	6.3	4.6	3.4	2.5
-50°	22.7	20.2	17.6	15.0	12.6	10.3	7.9	6.0	4.4	3.3	2.4
-52.5°	21.4	18.9	16.3	13.9	11.7	9.5	7.4	5.6	4.2	3.1	2.3
-55°	19.8	17.4	14.9	12.7	10.7	8.7	6.8	5.2	3.9	2.9	2.1
-57.5°	18.0	15.6	13.6	11.6	9.7	7.9	6.2	4.7	3.6	2.7	1.9
-60°	16.1	14.2	12.3	10.4	8.6	7.0	5.5	4.2	3.3	2.5	1.7
-62.5°	14.4	12.7	10.8	9.1	7.5	6.1	4.8	3.8	3.0	2.2	1.5
-65°	12.6	10.9	9.3	7.8	6.4	5.2	4.3	3.4	2.7	1.9	1.3
-67.5°	10.5	9.2	7.8	6.5	5.5	4.6	3.8	3.0	2.3	1.6	1.2
-70°	8.9	7.6	6.5	5.6	4.7	4.0	3.2	2.5	1.9	1.5	1.1
-72.5°	7.3	6.4	5.5	4.7	4.0	3.3	2.6	2.0	1.6	1.3	1.0
-75°	5.9	5.2	4.4	3.7	3.1	2.6	2.1	1.7	1.4	1.1	0.9
-77.5°	4.7	4.1	3.4	2.9	2.5	2.1	1.7	1.4	1.1	0.9	0.7
-80°	3.6	3.2	2.8	2.4	2.1	1.7	1.4	1.2	1.0	0.8	0.6
-82.5°	2.6	2.4	2.1	1.9	1.7	1.4	1.2	1.0	0.8	0.7	0.5
-85°	1.7	1.6	1.5	1.4	1.3	1.1	0.9	0.8	0.6	0.4	0.3
-87.5°	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	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: P626528 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-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	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
72.5°	0.0	0.1	0.0	0.0	0.0	0.1	0.0
70°	0.0	0.1	0.1	0.0	0.0	0.1	0.0
67.5°	0.1	0.1	0.1	0.0	0.0	0.1	0.0
65°	0.2	0.2	0.2	0.1	0.0	0.1	0.0
62.5°	0.3	0.2	0.2	0.1	0.0	0.1	0.0
60°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
57.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
55°	0.4	0.4	0.3	0.3	0.1	0.1	0.0
52.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
50°	0.4	0.4	0.4	0.3	0.2	0.2	0.0
47.5°	0.4	0.4	0.4	0.4	0.2	0.2	0.0
45°	0.4	0.4	0.4	0.4	0.2	0.2	0.0
42.5°	0.4	0.4	0.4	0.4	0.3	0.2	0.0
40°	0.4	0.4	0.4	0.4	0.3	0.2	0.0
37.5°	0.4	0.4	0.4	0.4	0.3	0.2	0.0
35°	0.4	0.4	0.4	0.4	0.3	0.2	0.0
32.5°	0.4	0.4	0.4	0.4	0.3	0.2	0.0
30°	0.5	0.4	0.4	0.4	0.3	0.3	0.0
27.5°	0.5	0.4	0.4	0.4	0.4	0.3	0.0
25°	0.6	0.4	0.4	0.4	0.4	0.3	0.0
22.5°	0.6	0.4	0.4	0.4	0.4	0.3	0.0
20°	0.7	0.4	0.4	0.4	0.4	0.3	0.0
17.5°	0.8	0.5	0.4	0.4	0.4	0.3	0.0
15°	0.9	0.5	0.4	0.4	0.4	0.3	0.0
12.5°	1.0	0.6	0.4	0.4	0.4	0.3	0.0
10°	1.0	0.7	0.4	0.4	0.4	0.4	0.0
7.5°	1.1	0.7	0.4	0.4	0.4	0.4	0.0
5°	1.2	0.8	0.4	0.4	0.4	0.4	0.0
2.5°	1.2	0.8	0.4	0.4	0.4	0.4	0.0
0°	1.3	0.9	0.4	0.4	0.4	0.4	0.0
-2.5°	1.4	0.9	0.4	0.4	0.4	0.4	0.0
-5°	1.5	1.0	0.5	0.4	0.4	0.4	0.0
-7.5°	1.6	1.0	0.5	0.4	0.4	0.4	0.0
-10°	1.7	1.0	0.6	0.4	0.4	0.4	0.0
-12.5°	1.8	1.1	0.6	0.4	0.4	0.4	0.0
-15°	1.8	1.1	0.6	0.4	0.4	0.4	0.0
-17.5°	1.9	1.1	0.6	0.4	0.4	0.4	0.0
-20°	1.9	1.1	0.7	0.4	0.4	0.4	0.0

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REPORT NUMBER: P626528 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1.9	1.1	0.7	0.4	0.4	0.4	0.0
-25°	1.9	1.2	0.7	0.4	0.4	0.4	0.0
-27.5°	1.9	1.2	0.7	0.4	0.4	0.4	0.0
-30°	1.9	1.2	0.6	0.4	0.4	0.3	0.0
-32.5°	1.9	1.2	0.6	0.4	0.4	0.3	0.0
-35°	1.9	1.2	0.6	0.4	0.4	0.3	0.0
-37.5°	1.9	1.2	0.6	0.4	0.4	0.3	0.0
-40°	1.9	1.2	0.6	0.4	0.4	0.3	0.0
-42.5°	1.8	1.1	0.6	0.4	0.4	0.3	0.0
-45°	1.8	1.1	0.6	0.4	0.4	0.3	0.0
-47.5°	1.7	1.0	0.6	0.4	0.4	0.3	0.0
-50°	1.6	1.0	0.6	0.4	0.4	0.3	0.0
-52.5°	1.5	0.9	0.6	0.4	0.4	0.2	0.0
-55°	1.4	0.8	0.6	0.4	0.4	0.2	0.0
-57.5°	1.3	0.8	0.6	0.4	0.4	0.2	0.0
-60°	1.1	0.8	0.6	0.4	0.4	0.2	0.0
-62.5°	1.1	0.8	0.6	0.4	0.4	0.2	0.0
-65°	1.0	0.7	0.5	0.4	0.3	0.2	0.0
-67.5°	0.9	0.7	0.5	0.4	0.3	0.2	0.0
-70°	0.9	0.6	0.5	0.4	0.3	0.1	0.0
-72.5°	0.8	0.6	0.4	0.4	0.2	0.1	0.0
-75°	0.7	0.5	0.4	0.3	0.2	0.1	0.0
-77.5°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-85°	0.2	0.2	0.1	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)