

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: P626828 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626828 (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-SA2B-722-U-NR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (32) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6989.5 lumens  
Efficiency: N/A  
Efficacy: 109.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 70849.3 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 2231.3 lumens  
Beam Efficiency: 31.9%

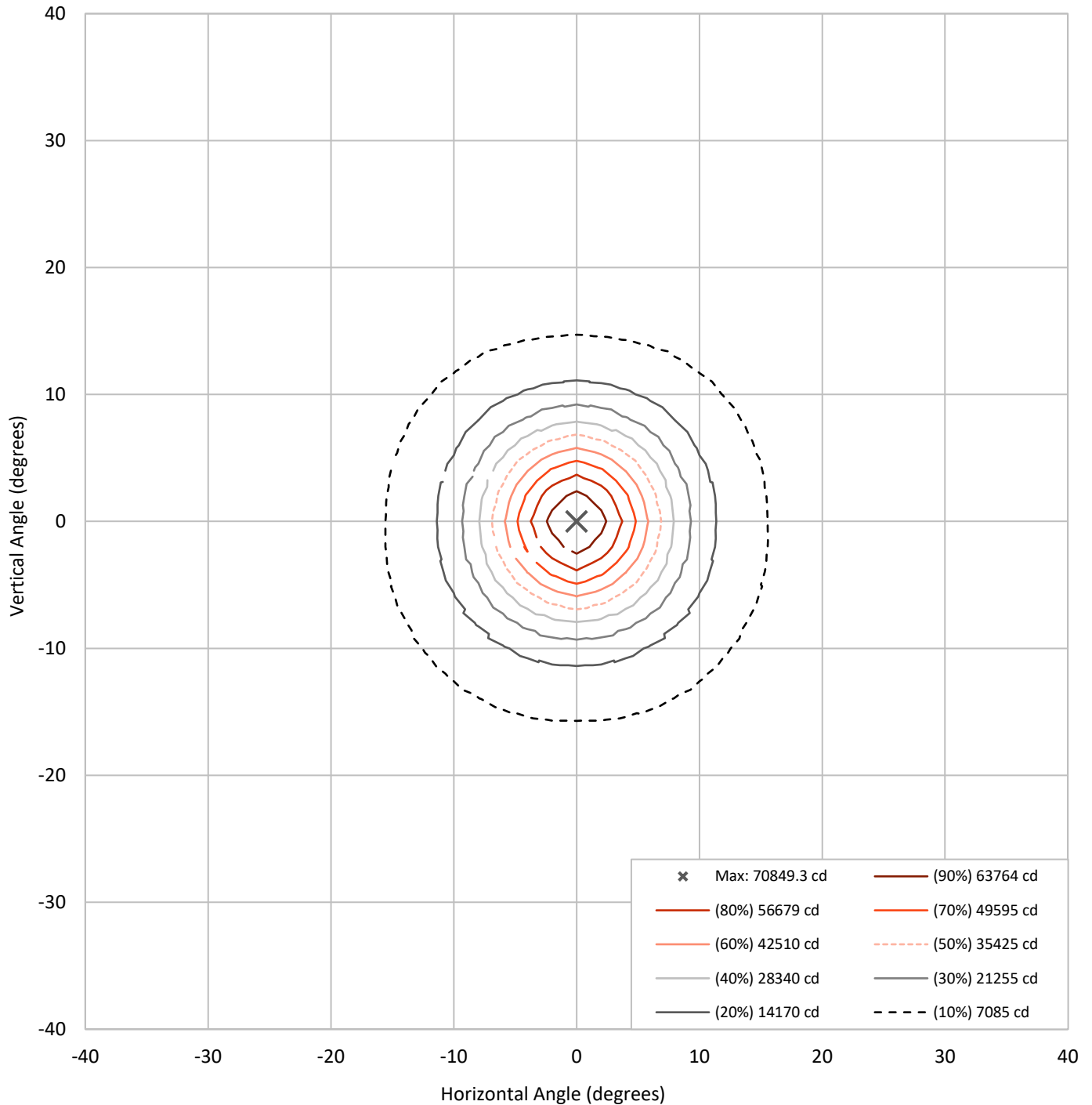
Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 4969.9 lumens  
Field Efficiency: 71.1%

Input Watts (W): 63.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA2B-722-U-NR-VSR-XX

### Iso-Candela Plot





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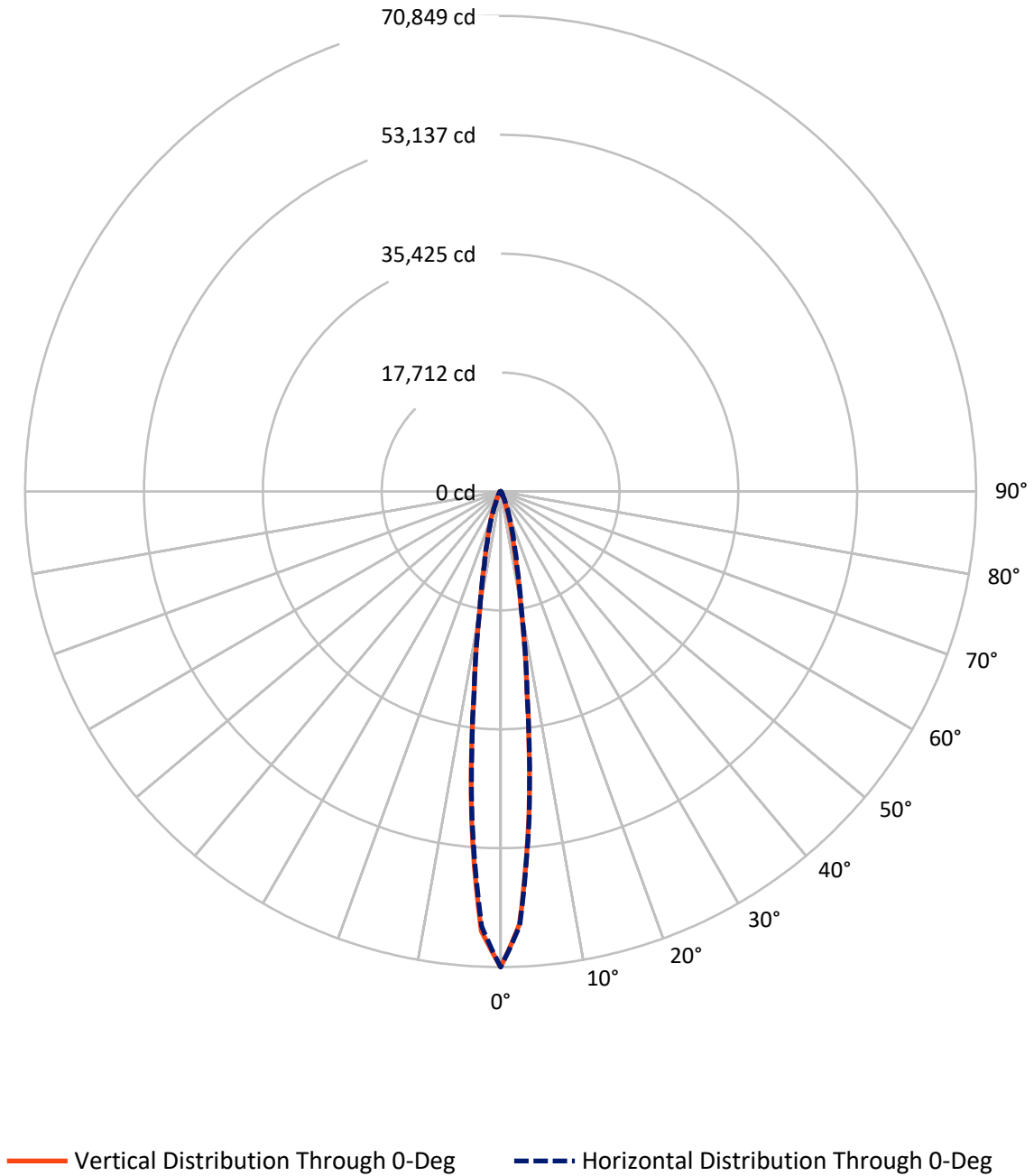
CATALOG NUMBER: GFLD-SA2B-722-U-NR-VSR-XX

### 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	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	0.2	0.4	0.6	0.8	1.0	1.0	0.8	0.6	0.4	0.2	0.0	0.0		
50	0.0	0.0	0.2	0.6	1.1	1.7	2.4	2.8	2.8	2.4	1.7	1.1	0.6	0.2	0.0	0.0	
40		0.1	0.5	1.2	2.1	3.3	5.7	7.2	7.2	5.7	3.3	2.1	1.2	0.5	0.1		
30	0.1	0.2	0.8	1.8	3.3	7.1	19.0	31.4	31.4	19.0	7.1	3.3	1.8	0.8	0.2	0.1	
20		0.3	1.1	2.5	5.4	21.3	89.6	196.9	196.9	89.6	21.3	5.4	2.5	1.1	0.3		
10	0.1	0.4	1.3	2.9	7.3	39.9	214.7	962.8	962.8	214.7	39.9	7.3	2.9	1.3	0.4	0.1	
0		0.4	1.4	3.1	7.9	42.5	222.2	979.2	979.2	222.2	42.5	7.9	3.1	1.4	0.4		
-10	0.1	0.5	1.4	3.0	6.9	27.0	107.9	230.7	230.7	107.9	27.0	6.9	3.0	1.4	0.5	0.1	
-20		0.4	1.4	2.8	5.3	12.6	33.2	55.4	55.4	33.2	12.6	5.3	2.8	1.4	0.4		
-30	0.1	0.4	1.2	2.5	4.2	6.9	11.3	14.4	14.4	11.3	6.9	4.2	2.5	1.2	0.4	0.1	
-40		0.3	1.0	2.0	3.4	4.9	6.5	7.3	7.3	6.5	4.9	3.4	2.0	1.0	0.3		
-50	0.1	0.2	0.8	1.6	2.7	3.7	4.7	5.1	5.1	4.7	3.7	2.7	1.6	0.8	0.2	0.1	
-60		0.2	0.5	1.0	1.8	2.6	3.3	3.6	3.6	3.3	2.6	1.8	1.0	0.5	0.2		
-70	0.0	0.4	1.8	3.9	4.9	3.9	1.8	0.4	0.0								
-80		0.4	1.8	3.9	4.9	3.9	1.8	0.4									
-90	0.0	0.4	1.8	3.9	4.9	3.9	1.8	0.4	0.0								

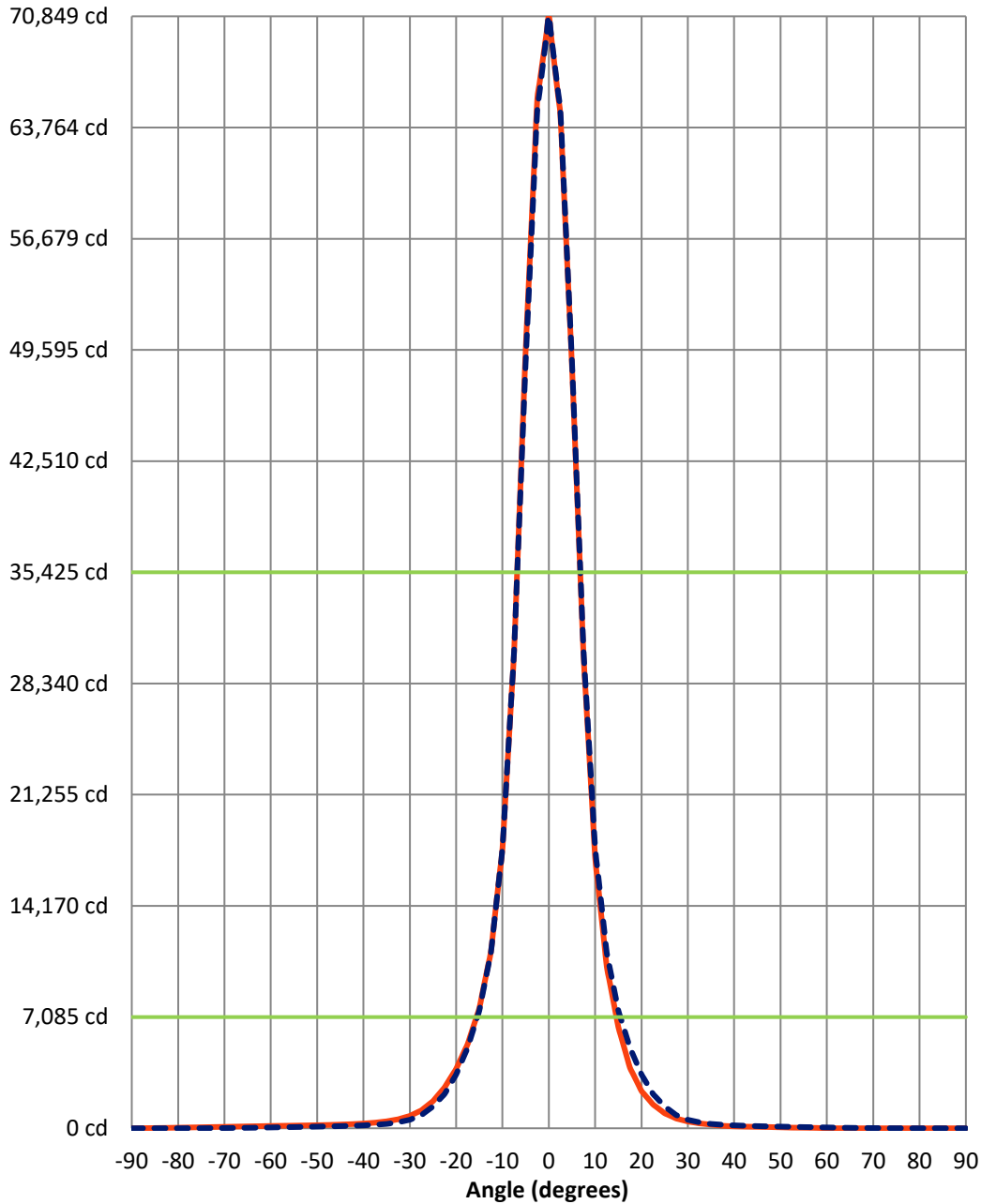
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 2231.3  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 4969.9  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 2019.5  
 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.1	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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1
72.5°	0.0	0.2	0.0	0.0	0.2	0.2	0.1	0.1	0.3	0.3	0.1
70°	0.0	0.3	0.1	0.0	0.3	0.3	0.2	0.5	0.6	0.6	0.2
67.5°	0.0	0.3	0.1	0.2	0.5	0.5	0.5	0.8	1.0	0.6	0.3
65°	0.0	0.3	0.1	0.3	0.6	0.6	0.9	1.2	1.0	0.7	0.5
62.5°	0.0	0.4	0.2	0.5	0.8	0.9	1.2	1.4	1.1	0.8	0.9
60°	0.0	0.4	0.2	0.6	0.9	1.0	1.5	1.5	1.1	1.1	1.4
57.5°	0.0	0.5	0.3	0.8	1.1	1.2	1.5	1.5	1.3	1.3	1.5
55°	0.0	0.5	0.5	1.0	1.2	1.4	1.5	1.5	1.4	1.5	1.5
52.5°	0.0	0.6	0.6	1.1	1.2	1.5	1.5	1.5	1.5	1.5	1.5
50°	0.0	0.6	0.7	1.3	1.3	1.5	1.5	1.5	1.5	1.5	1.7
47.5°	0.0	0.6	0.8	1.4	1.4	1.5	1.5	1.5	1.5	1.5	2.1
45°	0.0	0.7	0.9	1.5	1.4	1.5	1.5	1.5	1.6	1.9	2.5
42.5°	0.0	0.7	1.0	1.5	1.5	1.5	1.5	1.6	1.6	2.3	3.3
40°	0.0	0.8	1.0	1.5	1.5	1.5	1.5	1.7	1.9	2.8	4.3
37.5°	0.0	0.8	1.1	1.5	1.5	1.5	1.5	1.8	2.4	3.5	5.3
35°	0.0	0.9	1.2	1.5	1.5	1.5	1.5	2.0	3.0	4.4	6.5
32.5°	0.0	0.9	1.2	1.5	1.5	1.5	1.5	2.2	3.6	5.3	8.0
30°	0.0	1.0	1.3	1.5	1.5	1.5	1.7	2.5	4.2	6.2	9.7
27.5°	0.0	1.0	1.3	1.5	1.5	1.5	1.9	3.0	4.8	7.1	11.5
25°	0.0	1.1	1.4	1.5	1.5	1.5	2.0	3.5	5.5	8.3	13.5
22.5°	0.0	1.1	1.4	1.5	1.5	1.5	2.2	3.9	6.2	9.8	15.8
20°	0.0	1.2	1.4	1.5	1.5	1.6	2.4	4.4	6.9	11.4	17.9
17.5°	0.0	1.2	1.5	1.5	1.5	1.8	2.7	4.9	7.5	12.9	19.8
15°	0.0	1.3	1.5	1.5	1.5	1.9	3.0	5.4	8.0	14.4	21.5
12.5°	0.0	1.3	1.5	1.5	1.5	2.1	3.3	5.8	8.8	15.9	23.1
10°	0.0	1.3	1.5	1.5	1.5	2.3	3.6	6.2	9.8	17.3	24.5
7.5°	0.0	1.4	1.5	1.5	1.5	2.5	3.8	6.6	10.7	18.5	25.7
5°	0.0	1.4	1.5	1.5	1.5	2.6	4.1	6.9	11.7	19.5	26.8
2.5°	0.0	1.5	1.5	1.5	1.5	2.8	4.3	7.2	12.6	20.3	27.7
0°	0.0	1.5	1.5	1.5	1.5	3.0	4.5	7.5	13.5	21.0	28.5
-2.5°	0.0	1.5	1.5	1.5	1.6	3.2	4.9	8.0	14.3	21.6	29.5
-5°	0.0	1.5	1.5	1.5	1.8	3.3	5.3	8.4	14.9	22.0	30.3
-7.5°	0.0	1.5	1.5	1.5	1.9	3.4	5.6	8.7	15.5	22.3	30.9
-10°	0.0	1.5	1.5	1.5	2.0	3.5	5.9	9.1	15.9	22.6	31.2
-12.5°	0.0	1.5	1.5	1.5	2.1	3.6	6.1	9.3	16.1	22.8	31.8
-15°	0.0	1.4	1.5	1.5	2.2	3.7	6.3	9.6	16.2	23.2	32.4
-17.5°	0.0	1.4	1.5	1.5	2.2	3.8	6.4	9.8	16.0	23.5	32.6
-20°	0.0	1.4	1.5	1.5	2.3	3.8	6.5	10.0	15.8	23.5	32.5

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Scaled Data Report



REPORT NUMBER: P626828 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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	1.4	1.5	1.5	2.3	3.9	6.6	10.1	15.5	23.2	32.2
-25°	0.0	1.4	1.5	1.5	2.3	4.0	6.7	10.2	15.0	22.7	31.5
-27.5°	0.0	1.3	1.5	1.5	2.3	4.1	6.7	10.1	14.4	21.9	30.8
-30°	0.0	1.3	1.5	1.5	2.2	4.1	6.6	10.0	14.1	21.1	29.8
-32.5°	0.0	1.3	1.5	1.5	2.2	4.2	6.5	9.9	13.9	20.1	28.4
-35°	0.0	1.2	1.5	1.5	2.2	4.2	6.5	9.8	13.6	19.1	26.5
-37.5°	0.0	1.2	1.5	1.5	2.1	4.1	6.5	9.6	13.2	17.9	25.5
-40°	0.0	1.1	1.5	1.5	2.0	4.0	6.4	9.4	12.7	17.1	24.6
-42.5°	0.0	1.1	1.5	1.5	2.0	3.9	6.3	9.1	12.3	16.8	23.4
-45°	0.0	1.1	1.5	1.6	2.1	3.8	6.1	8.8	12.0	16.3	22.1
-47.5°	0.0	1.0	1.5	1.6	2.1	3.6	5.8	8.5	11.5	15.6	21.3
-50°	0.0	1.0	1.5	1.6	2.1	3.3	5.5	8.1	11.1	15.0	20.2
-52.5°	0.0	0.9	1.5	1.6	2.1	3.1	5.2	7.7	10.6	14.1	18.9
-55°	0.0	0.9	1.5	1.6	2.1	3.0	4.8	7.2	9.9	13.1	17.5
-57.5°	0.0	0.8	1.5	1.6	2.1	2.9	4.3	6.6	9.2	12.1	15.9
-60°	0.0	0.7	1.5	1.6	2.0	2.8	3.9	6.0	8.4	11.2	14.2
-62.5°	0.0	0.7	1.4	1.6	2.0	2.7	3.7	5.3	7.5	10.1	12.9
-65°	0.0	0.6	1.3	1.6	1.9	2.5	3.5	4.7	6.6	8.9	11.5
-67.5°	0.0	0.6	1.1	1.5	1.8	2.4	3.2	4.3	5.6	7.7	10.1
-70°	0.0	0.5	1.0	1.5	1.7	2.2	2.9	3.8	5.0	6.4	8.5
-72.5°	0.0	0.5	0.9	1.3	1.6	2.0	2.6	3.4	4.4	5.6	7.0
-75°	0.0	0.4	0.8	1.2	1.5	1.8	2.3	3.0	3.7	4.7	5.9
-77.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.6	3.2	3.9	4.7
-80°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	2.1	2.8	3.4	4.0
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.7	2.3	2.8	3.4
-85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.5	2.0	2.5
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.8	1.0	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





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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°	0.1	0.4	0.5	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.7	1.0	0.7	0.4	0.0	0.4	0.5	0.4	0.0	0.0	0.0
62.5°	1.4	1.2	0.8	0.6	0.8	1.1	0.9	0.5	0.1	0.7	1.0
60°	1.5	1.3	1.1	1.2	1.5	1.3	1.0	1.5	2.2	2.8	3.3
57.5°	1.5	1.4	1.4	1.6	1.7	1.7	2.6	3.5	5.0	6.2	7.0
55°	1.5	1.5	1.7	2.0	2.5	3.6	4.9	6.9	8.5	11.0	13.1
52.5°	1.7	1.7	2.3	3.1	4.5	6.2	8.5	11.4	14.6	17.0	19.5
50°	1.9	2.5	3.2	5.1	7.2	9.8	13.6	17.7	20.4	23.1	26.8
47.5°	2.7	3.4	5.3	7.5	10.4	14.6	19.8	22.8	25.5	29.8	34.3
45°	3.6	5.1	7.4	10.5	14.5	20.3	24.5	26.9	31.5	36.5	41.7
42.5°	4.6	7.0	10.2	13.5	19.8	25.3	29.1	32.9	37.6	43.4	49.0
40°	6.2	9.0	13.2	18.4	24.8	30.2	34.9	39.3	43.9	51.5	57.4
37.5°	7.9	11.9	16.7	23.1	29.8	35.7	40.9	46.5	53.0	61.5	66.9
35°	9.5	14.9	20.8	27.6	34.7	41.3	47.7	54.2	62.7	70.7	77.1
32.5°	11.8	18.0	24.6	32.0	39.3	46.8	54.5	62.3	70.6	78.9	87.3
30°	14.6	21.3	28.3	36.2	43.5	52.2	61.1	69.3	77.8	86.4	96.0
27.5°	17.5	24.3	31.9	39.9	47.6	57.5	67.1	75.7	84.3	93.7	104.5
25°	20.2	27.4	35.4	43.2	52.3	62.9	73.4	83.4	90.7	101.3	114.0
22.5°	22.7	30.5	39.0	46.2	56.8	68.3	80.5	91.3	99.9	109.4	123.8
20°	25.2	33.6	42.4	50.5	61.3	73.7	88.2	99.3	110.0	122.2	136.9
17.5°	27.6	36.5	45.7	55.3	66.7	79.6	96.1	107.3	120.2	134.8	153.3
15°	29.9	39.2	49.1	59.9	71.7	85.6	101.4	115.4	130.8	147.7	169.6
12.5°	32.0	41.6	52.4	64.1	76.0	90.6	105.9	120.8	138.5	160.6	188.1
10°	34.0	43.9	55.6	67.9	79.8	94.9	109.8	125.4	144.0	168.3	199.8
7.5°	35.6	46.1	58.6	71.4	83.0	98.5	113.2	129.1	148.6	174.7	207.6
5°	37.0	48.5	61.4	73.6	85.7	101.5	116.1	132.1	152.3	179.6	213.2
2.5°	38.1	50.6	63.9	75.3	88.1	104.3	118.3	135.4	156.0	183.5	218.5
0°	39.0	52.5	66.0	76.5	90.0	106.5	120.0	138.0	159.0	186.0	223.4
-2.5°	40.8	54.1	67.3	77.9	92.1	106.9	121.1	138.4	160.1	188.0	224.3
-5°	42.3	55.3	68.2	79.0	93.6	106.8	121.6	138.1	160.5	189.1	226.0
-7.5°	43.5	56.3	68.8	79.9	94.4	107.3	122.2	139.1	161.7	190.1	228.1
-10°	44.3	57.0	69.3	80.9	94.7	107.8	122.5	139.4	161.5	189.4	227.0
-12.5°	44.7	57.4	69.5	81.5	94.6	107.8	122.1	138.7	159.8	187.1	222.3
-15°	44.8	57.6	69.5	81.6	94.4	107.1	121.2	137.1	156.8	183.0	215.1
-17.5°	44.7	57.5	69.2	81.1	94.0	105.9	119.7	135.0	153.8	178.3	209.1
-20°	44.3	57.2	68.7	80.0	93.5	104.8	118.2	133.0	150.7	172.9	200.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626828 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	43.7	56.6	67.9	78.9	91.9	103.7	116.2	130.4	146.2	166.3	190.8
-25°	42.9	55.6	67.0	78.1	90.0	102.1	113.8	127.2	141.8	161.1	183.1
-27.5°	42.0	54.3	65.7	76.9	88.0	99.9	111.3	124.0	138.4	155.4	175.2
-30°	40.6	52.4	63.8	75.3	86.2	97.4	108.5	120.5	134.1	150.2	168.4
-32.5°	38.8	50.4	61.6	72.9	84.2	94.9	105.3	116.9	129.7	143.8	161.1
-35°	37.1	48.2	59.1	69.9	81.9	92.1	102.2	112.8	124.7	137.8	151.9
-37.5°	35.4	45.8	56.5	66.6	78.0	88.7	98.5	108.6	119.6	131.6	144.4
-40°	33.6	43.3	53.7	63.6	73.6	84.5	94.2	104.0	114.1	126.2	137.6
-42.5°	31.7	41.2	50.8	60.5	70.0	79.8	89.5	98.9	109.6	121.0	132.1
-45°	30.2	39.0	47.9	57.3	66.7	75.5	84.6	93.4	104.3	115.6	126.6
-47.5°	28.4	36.7	45.3	53.9	63.1	71.9	80.1	89.0	98.2	108.9	120.4
-50°	26.5	34.4	42.3	50.4	59.1	67.9	76.3	84.4	93.2	102.0	111.9
-52.5°	24.9	31.8	39.1	46.5	54.8	63.4	71.8	80.0	88.0	96.3	104.8
-55°	23.0	29.3	35.8	42.7	50.0	58.2	66.6	74.6	82.7	90.5	98.8
-57.5°	20.9	26.5	32.5	39.0	45.5	52.3	60.4	68.4	76.1	83.9	92.4
-60°	18.5	23.6	28.9	34.9	41.3	47.5	54.1	61.5	68.9	76.3	84.2
-62.5°	16.0	20.4	25.3	30.5	36.4	42.5	48.5	54.7	61.4	67.9	74.7
-65°	14.4	17.5	21.6	26.2	31.0	36.5	42.2	47.9	53.8	59.3	64.6
-67.5°	12.6	15.4	18.4	21.9	26.2	30.9	35.4	40.6	45.8	50.9	55.8
-70°	10.8	13.3	15.9	18.8	21.9	25.7	29.9	34.0	38.1	42.3	46.9
-72.5°	8.8	11.0	13.3	15.8	18.4	21.4	24.7	28.2	31.8	35.3	38.9
-75°	7.2	8.7	10.6	12.7	15.0	17.3	19.7	22.5	25.5	28.6	31.6
-77.5°	6.0	7.3	8.6	9.9	11.5	13.6	15.7	17.8	19.9	22.3	24.7
-80°	4.9	5.9	7.1	8.2	9.4	10.6	12.1	13.8	15.3	16.8	18.5
-82.5°	4.0	4.8	5.7	6.6	7.2	7.9	8.7	9.7	10.7	11.7	12.8
-85°	3.1	3.7	4.3	4.9	5.2	5.6	5.9	6.4	7.0	7.6	8.2
-87.5°	1.6	1.9	2.2	2.6	2.7	2.9	3.0	3.2	3.6	4.0	4.5
-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: P626828 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	0.1	0.0	0.0	0.0	0.0	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	0.9	0.7	1.2	1.6	1.7	1.7	1.5	1.4	1.2	1.1	1.2
60°	3.6	3.5	4.9	5.6	5.1	3.6	5.6	6.7	6.4	5.5	5.5
57.5°	8.8	10.7	12.1	12.7	14.7	17.9	18.5	17.4	17.0	17.4	20.1
55°	15.3	16.8	17.6	20.3	22.7	24.5	25.5	26.5	28.1	30.0	31.9
52.5°	21.6	23.7	25.3	27.7	30.6	31.6	31.3	35.1	38.0	39.8	40.6
50°	29.6	32.2	36.0	39.8	41.5	43.1	44.8	47.8	52.3	57.8	61.0
47.5°	38.3	42.4	46.4	50.7	52.9	54.6	57.2	62.5	68.8	74.8	77.9
45°	46.1	49.8	54.3	58.0	60.8	64.1	67.8	72.6	79.6	85.9	90.2
42.5°	52.4	56.5	61.2	65.7	68.5	72.9	78.5	85.1	92.5	98.9	103.7
40°	61.2	64.7	72.1	76.4	77.5	81.6	92.9	101.8	110.2	118.1	122.1
37.5°	71.8	78.7	86.3	90.2	94.1	101.5	116.5	130.9	141.6	152.3	158.2
35°	83.9	92.9	103.3	107.9	116.2	132.3	149.9	170.0	194.9	205.3	214.8
32.5°	95.7	105.7	115.3	125.7	140.2	159.4	179.3	211.7	242.0	265.5	282.7
30°	106.1	116.7	128.6	142.0	162.5	188.9	222.0	264.0	306.8	344.1	375.7
27.5°	116.4	128.5	142.6	162.6	191.3	227.2	280.2	340.1	411.5	464.1	526.9
25°	127.6	141.5	159.7	188.6	227.3	281.0	365.7	463.1	580.1	675.0	774.3
22.5°	141.0	161.5	184.4	216.7	284.4	372.9	488.7	655.0	835.0	1001.5	1161.8
20°	157.1	185.1	222.0	281.4	368.4	499.2	700.3	965.8	1230.6	1512.5	1784.0
17.5°	180.1	220.5	277.8	362.4	477.1	735.8	1062.0	1472.7	2000.5	2478.6	2896.1
15°	201.7	249.9	340.4	467.0	666.9	1009.8	1505.3	2183.2	3005.6	3755.1	4546.8
12.5°	224.3	281.2	385.3	546.4	824.1	1270.6	1966.8	2895.8	3925.6	5055.1	6341.8
10°	242.2	311.4	435.9	640.3	982.6	1538.6	2367.9	3494.5	4862.9	6534.6	8591.4
7.5°	254.4	335.6	477.8	708.9	1128.5	1812.6	2811.0	4165.1	5875.8	8090.5	10968.5
5°	263.8	354.0	509.3	771.6	1251.9	2021.8	3139.2	4752.3	6776.0	9743.3	14620.8
2.5°	271.4	368.1	528.7	814.7	1329.3	2167.5	3359.5	5084.5	7311.9	10965.3	17293.2
0°	277.4	380.9	541.4	841.3	1388.7	2182.0	3428.2	5145.3	7504.2	11185.9	17868.3
-2.5°	279.9	387.7	545.8	847.1	1382.8	2207.0	3449.2	5193.9	7497.0	11065.0	17226.0
-5°	284.1	387.6	542.5	841.2	1351.7	2142.3	3312.2	4922.1	7044.7	10113.4	15160.9
-7.5°	287.2	381.4	526.8	803.1	1270.6	2002.5	3071.5	4471.8	6221.5	8551.5	11677.6
-10°	284.4	369.6	500.6	739.1	1144.4	1778.3	2705.5	3877.5	5331.6	7058.3	9182.2
-12.5°	273.7	347.7	457.8	649.5	981.1	1527.2	2337.2	3335.1	4411.4	5624.1	7091.7
-15°	260.2	324.0	419.3	588.1	859.9	1278.2	1869.7	2679.1	3542.5	4463.2	5445.0
-17.5°	249.6	303.3	382.2	504.4	704.3	1036.9	1501.7	2076.7	2711.2	3412.2	3994.0
-20°	235.3	277.8	344.0	443.8	596.3	816.7	1155.2	1572.9	1991.6	2484.5	2886.5

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626828 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	221.1	258.0	308.4	381.5	495.0	661.5	870.6	1149.5	1455.7	1738.6	2017.1
-25°	207.9	236.3	277.0	337.0	413.9	527.6	676.4	836.5	1038.3	1210.5	1401.6
-27.5°	197.2	221.6	251.6	295.5	355.3	428.4	535.0	642.2	748.3	835.2	966.8
-30°	186.8	206.4	231.5	262.8	307.6	364.0	433.2	502.8	564.0	619.9	688.4
-32.5°	176.6	192.6	211.8	237.8	269.9	312.3	354.8	404.7	447.3	486.6	522.9
-35°	166.4	180.6	195.3	217.2	242.8	272.9	303.8	337.6	367.1	393.5	416.9
-37.5°	157.2	169.7	183.5	199.8	220.4	243.0	268.3	292.8	312.3	329.5	343.7
-40°	149.4	160.8	172.6	185.7	201.4	219.2	240.6	261.1	274.7	285.2	293.8
-42.5°	142.5	152.5	162.6	173.7	185.7	201.2	218.1	234.9	244.2	252.3	258.5
-45°	136.9	144.6	153.1	162.5	173.2	186.2	199.5	211.1	219.3	226.3	231.5
-47.5°	129.5	136.9	144.3	152.1	162.0	172.8	183.8	192.8	200.0	206.0	210.0
-50°	121.4	129.2	135.9	142.8	152.0	161.1	170.0	177.4	184.2	190.2	193.3
-52.5°	113.0	121.4	128.4	135.1	142.8	150.8	158.8	165.1	171.1	176.8	179.1
-55°	106.9	114.7	122.0	128.3	134.6	141.0	147.5	154.1	160.0	165.4	166.9
-57.5°	100.4	108.3	115.5	121.1	126.9	132.6	138.6	144.5	150.3	155.4	156.7
-60°	92.4	100.9	107.4	112.7	118.3	124.0	129.2	134.4	139.8	144.3	145.7
-62.5°	82.3	90.1	96.4	102.0	107.4	112.3	117.4	122.3	127.1	130.7	131.8
-65°	70.2	76.7	83.3	89.2	94.5	99.2	103.9	108.4	112.8	115.9	117.4
-67.5°	60.6	65.3	70.5	75.6	81.0	85.9	90.1	94.1	97.8	100.4	102.1
-70°	51.3	55.8	60.8	65.6	70.2	74.2	77.6	80.8	84.0	86.4	88.1
-72.5°	42.5	46.3	50.4	54.7	58.9	62.5	65.6	68.5	71.3	73.3	74.9
-75°	34.5	37.7	41.1	44.6	48.0	50.9	53.4	56.0	58.4	60.2	61.6
-77.5°	27.4	30.0	32.7	35.5	38.2	40.2	42.1	44.0	45.8	47.2	48.4
-80°	20.3	22.4	24.5	26.7	28.8	30.4	31.9	33.2	34.5	35.3	36.0
-82.5°	13.9	15.3	16.8	18.4	19.9	21.1	22.2	23.3	24.4	24.8	25.1
-85°	8.9	9.6	10.4	11.2	12.1	12.7	13.3	13.9	14.5	15.0	15.5
-87.5°	4.9	5.1	5.2	5.3	5.4	5.9	6.3	6.8	7.2	7.3	7.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626828 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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	0.1	0.3
62.5°	1.3	1.4	1.5	1.5	1.5	1.4	1.3	1.2	1.1	1.2	1.4
60°	5.1	4.6	4.5	4.5	4.5	4.6	5.1	5.5	5.5	6.4	6.7
57.5°	22.8	25.4	26.1	25.5	26.1	25.4	22.8	20.1	17.4	17.0	17.4
55°	33.2	34.0	34.4	34.5	34.4	34.0	33.2	31.9	30.0	28.1	26.5
52.5°	40.7	40.5	40.4	40.5	40.4	40.5	40.7	40.6	39.8	38.0	35.1
50°	61.2	60.1	59.6	60.0	59.6	60.1	61.2	61.0	57.8	52.3	47.8
47.5°	78.2	78.6	79.1	79.5	79.1	78.6	78.2	77.9	74.8	68.8	62.5
45°	91.4	92.2	92.7	93.0	92.7	92.2	91.4	90.2	85.9	79.6	72.6
42.5°	104.8	104.9	104.7	105.0	104.7	104.9	104.8	103.7	98.9	92.5	85.1
40°	123.7	124.1	123.7	123.0	123.7	124.1	123.7	122.1	118.1	110.2	101.8
37.5°	161.6	162.2	160.4	159.0	160.4	162.2	161.6	158.2	152.3	141.6	130.9
35°	223.5	229.9	232.9	233.9	232.9	229.9	223.5	214.8	205.3	194.9	170.0
32.5°	294.5	303.5	307.9	311.9	307.9	303.5	294.5	282.7	265.5	242.0	211.7
30°	396.4	412.9	420.1	430.4	420.1	412.9	396.4	375.7	344.1	306.8	264.0
27.5°	562.6	591.5	607.5	622.4	607.5	591.5	562.6	526.9	464.1	411.5	340.1
25°	846.5	902.2	938.3	955.3	938.3	902.2	846.5	774.3	675.0	580.1	463.1
22.5°	1316.9	1419.5	1498.7	1514.6	1498.7	1419.5	1316.9	1161.8	1001.5	835.0	655.0
20°	2047.3	2194.2	2313.7	2373.9	2313.7	2194.2	2047.3	1784.0	1512.5	1230.6	965.8
17.5°	3393.5	3699.0	3838.7	3861.6	3838.7	3699.0	3393.5	2896.1	2478.6	2000.5	1472.7
15°	5396.1	5913.3	6241.6	6453.0	6241.6	5913.3	5396.1	4546.8	3755.1	3005.6	2183.2
12.5°	7681.2	9150.6	9986.8	10305.6	9986.8	9150.6	7681.2	6341.8	5055.1	3925.6	2895.8
10°	10782.4	14241.8	16237.3	17241.4	16237.3	14241.8	10782.4	8591.4	6534.6	4862.9	3494.5
7.5°	16046.0	21389.1	27308.9	30047.7	27308.9	21389.1	16046.0	10968.5	8090.5	5875.8	4165.1
5°	21579.3	33310.4	43606.9	48537.6	43606.9	33310.4	21579.3	14620.8	9743.3	6776.0	4752.3
2.5°	27939.0	43759.5	58386.8	64537.3	58386.8	43759.5	27939.0	17293.2	10965.3	7311.9	5084.5
0°	30386.6	48815.0	64812.5	70849.3	64812.5	48815.0	30386.6	17868.3	11185.9	7504.2	5145.3
-2.5°	28317.4	44525.9	58638.2	65536.0	58638.2	44525.9	28317.4	17226.0	11065.0	7497.0	5193.9
-5°	22499.6	33494.0	43945.5	49566.3	43945.5	33494.0	22499.6	15160.9	10113.4	7044.7	4922.1
-7.5°	16513.3	22498.6	28302.9	30332.6	28302.9	22498.6	16513.3	11677.6	8551.5	6221.5	4471.8
-10°	11496.9	14924.3	17186.7	17832.3	17186.7	14924.3	11496.9	9182.2	7058.3	5331.6	3877.5
-12.5°	8523.8	10022.9	11066.0	11247.3	11066.0	10022.9	8523.8	7091.7	5624.1	4411.4	3335.1
-15°	6311.7	7074.0	7612.0	7648.2	7612.0	7074.0	6311.7	5445.0	4463.2	3542.5	2679.1
-17.5°	4613.9	5125.6	5397.1	5377.7	5397.1	5125.6	4613.9	3994.0	3412.2	2711.2	2076.7
-20°	3299.2	3607.6	3826.4	3783.6	3826.4	3607.6	3299.2	2886.5	2484.5	1991.6	1572.9



REPORT NUMBER: P626828 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	2300.5	2505.2	2633.4	2600.4	2633.4	2505.2	2300.5	2017.1	1738.6	1455.7	1149.5
-25°	1563.1	1674.7	1738.2	1727.6	1738.2	1674.7	1563.1	1401.6	1210.5	1038.3	836.5
-27.5°	1065.1	1124.1	1143.7	1142.7	1143.7	1124.1	1065.1	966.8	835.2	748.3	642.2
-30°	739.3	778.9	801.6	787.3	801.6	778.9	739.3	688.4	619.9	564.0	502.8
-32.5°	551.1	573.4	586.3	572.9	586.3	573.4	551.1	522.9	486.6	447.3	404.7
-35°	434.3	445.6	450.1	442.4	450.1	445.6	434.3	416.9	393.5	367.1	337.6
-37.5°	354.0	360.6	362.9	358.4	362.9	360.6	354.0	343.7	329.5	312.3	292.8
-40°	300.0	304.0	305.0	301.4	305.0	304.0	300.0	293.8	285.2	274.7	261.1
-42.5°	262.4	264.9	265.4	263.9	265.4	264.9	262.4	258.5	252.3	244.2	234.9
-45°	234.5	236.6	237.0	235.4	237.0	236.6	234.5	231.5	226.3	219.3	211.1
-47.5°	212.0	213.2	213.6	212.9	213.6	213.2	212.0	210.0	206.0	200.0	192.8
-50°	194.8	195.6	195.7	195.0	195.7	195.6	194.8	193.3	190.2	184.2	177.4
-52.5°	180.3	180.9	181.3	181.5	181.3	180.9	180.3	179.1	176.8	171.1	165.1
-55°	168.1	168.9	169.3	169.5	169.3	168.9	168.1	166.9	165.4	160.0	154.1
-57.5°	157.7	158.4	158.9	159.0	158.9	158.4	157.7	156.7	155.4	150.3	144.5
-60°	146.9	147.8	148.3	148.5	148.3	147.8	146.9	145.7	144.3	139.8	134.4
-62.5°	132.6	133.0	133.3	133.5	133.3	133.0	132.6	131.8	130.7	127.1	122.3
-65°	118.6	119.4	119.9	120.0	119.9	119.4	118.6	117.4	115.9	112.8	108.4
-67.5°	103.4	104.4	105.6	106.5	105.6	104.4	103.4	102.1	100.4	97.8	94.1
-70°	89.6	91.0	91.4	91.5	91.4	91.0	89.6	88.1	86.4	84.0	80.8
-72.5°	76.3	77.6	78.6	79.5	78.6	77.6	76.3	74.9	73.3	71.3	68.5
-75°	63.0	64.1	64.4	64.5	64.4	64.1	63.0	61.6	60.2	58.4	56.0
-77.5°	49.6	50.7	50.9	51.0	50.9	50.7	49.6	48.4	47.2	45.8	44.0
-80°	36.7	37.3	38.2	39.0	38.2	37.3	36.7	36.0	35.3	34.5	33.2
-82.5°	25.3	25.4	25.5	25.5	25.5	25.4	25.3	25.1	24.8	24.4	23.3
-85°	16.0	16.4	16.5	16.5	16.5	16.4	16.0	15.5	15.0	14.5	13.9
-87.5°	7.4	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.3	7.2	6.8
-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: P626828 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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	0.1
65°	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4
62.5°	1.5	1.7	1.7	1.6	1.2	0.7	0.9	1.0	0.7	0.1	0.5
60°	5.6	3.6	5.1	5.6	4.9	3.5	3.6	3.3	2.8	2.2	1.5
57.5°	18.5	17.9	14.7	12.7	12.1	10.7	8.8	7.0	6.2	5.0	3.5
55°	25.5	24.5	22.7	20.3	17.6	16.8	15.3	13.1	11.0	8.5	6.9
52.5°	31.3	31.6	30.6	27.7	25.3	23.7	21.6	19.5	17.0	14.6	11.4
50°	44.8	43.1	41.5	39.8	36.0	32.2	29.6	26.8	23.1	20.4	17.7
47.5°	57.2	54.6	52.9	50.7	46.4	42.4	38.3	34.3	29.8	25.5	22.8
45°	67.8	64.1	60.8	58.0	54.3	49.8	46.1	41.7	36.5	31.5	26.9
42.5°	78.5	72.9	68.5	65.7	61.2	56.5	52.4	49.0	43.4	37.6	32.9
40°	92.9	81.6	77.5	76.4	72.1	64.7	61.2	57.4	51.5	43.9	39.3
37.5°	116.5	101.5	94.1	90.2	86.3	78.7	71.8	66.9	61.5	53.0	46.5
35°	149.9	132.3	116.2	107.9	103.3	92.9	83.9	77.1	70.7	62.7	54.2
32.5°	179.3	159.4	140.2	125.7	115.3	105.7	95.7	87.3	78.9	70.6	62.3
30°	222.0	188.9	162.5	142.0	128.6	116.7	106.1	96.0	86.4	77.8	69.3
27.5°	280.2	227.2	191.3	162.6	142.6	128.5	116.4	104.5	93.7	84.3	75.7
25°	365.7	281.0	227.3	188.6	159.7	141.5	127.6	114.0	101.3	90.7	83.4
22.5°	488.7	372.9	284.4	216.7	184.4	161.5	141.0	123.8	109.4	99.9	91.3
20°	700.3	499.2	368.4	281.4	222.0	185.1	157.1	136.9	122.2	110.0	99.3
17.5°	1062.0	735.8	477.1	362.4	277.8	220.5	180.1	153.3	134.8	120.2	107.3
15°	1505.3	1009.8	666.9	467.0	340.4	249.9	201.7	169.6	147.7	130.8	115.4
12.5°	1966.8	1270.6	824.1	546.4	385.3	281.2	224.3	188.1	160.6	138.5	120.8
10°	2367.9	1538.6	982.6	640.3	435.9	311.4	242.2	199.8	168.3	144.0	125.4
7.5°	2811.0	1812.6	1128.5	708.9	477.8	335.6	254.4	207.6	174.7	148.6	129.1
5°	3139.2	2021.8	1251.9	771.6	509.3	354.0	263.8	213.2	179.6	152.3	132.1
2.5°	3359.5	2167.5	1329.3	814.7	528.7	368.1	271.4	218.5	183.5	156.0	135.4
0°	3428.2	2182.0	1388.7	841.3	541.4	380.9	277.4	223.4	186.0	159.0	138.0
-2.5°	3449.2	2207.0	1382.8	847.1	545.8	387.7	279.9	224.3	188.0	160.1	138.4
-5°	3312.2	2142.3	1351.7	841.2	542.5	387.6	284.1	226.0	189.1	160.5	138.1
-7.5°	3071.5	2002.5	1270.6	803.1	526.8	381.4	287.2	228.1	190.1	161.7	139.1
-10°	2705.5	1778.3	1144.4	739.1	500.6	369.6	284.4	227.0	189.4	161.5	139.4
-12.5°	2337.2	1527.2	981.1	649.5	457.8	347.7	273.7	222.3	187.1	159.8	138.7
-15°	1869.7	1278.2	859.9	588.1	419.3	324.0	260.2	215.1	183.0	156.8	137.1
-17.5°	1501.7	1036.9	704.3	504.4	382.2	303.3	249.6	209.1	178.3	153.8	135.0
-20°	1155.2	816.7	596.3	443.8	344.0	277.8	235.3	200.5	172.9	150.7	133.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626828 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	870.6	661.5	495.0	381.5	308.4	258.0	221.1	190.8	166.3	146.2	130.4
-25°	676.4	527.6	413.9	337.0	277.0	236.3	207.9	183.1	161.1	141.8	127.2
-27.5°	535.0	428.4	355.3	295.5	251.6	221.6	197.2	175.2	155.4	138.4	124.0
-30°	433.2	364.0	307.6	262.8	231.5	206.4	186.8	168.4	150.2	134.1	120.5
-32.5°	354.8	312.3	269.9	237.8	211.8	192.6	176.6	161.1	143.8	129.7	116.9
-35°	303.8	272.9	242.8	217.2	195.3	180.6	166.4	151.9	137.8	124.7	112.8
-37.5°	268.3	243.0	220.4	199.8	183.5	169.7	157.2	144.4	131.6	119.6	108.6
-40°	240.6	219.2	201.4	185.7	172.6	160.8	149.4	137.6	126.2	114.1	104.0
-42.5°	218.1	201.2	185.7	173.7	162.6	152.5	142.5	132.1	121.0	109.6	98.9
-45°	199.5	186.2	173.2	162.5	153.1	144.6	136.9	126.6	115.6	104.3	93.4
-47.5°	183.8	172.8	162.0	152.1	144.3	136.9	129.5	120.4	108.9	98.2	89.0
-50°	170.0	161.1	152.0	142.8	135.9	129.2	121.4	111.9	102.0	93.2	84.4
-52.5°	158.8	150.8	142.8	135.1	128.4	121.4	113.0	104.8	96.3	88.0	80.0
-55°	147.5	141.0	134.6	128.3	122.0	114.7	106.9	98.8	90.5	82.7	74.6
-57.5°	138.6	132.6	126.9	121.1	115.5	108.3	100.4	92.4	83.9	76.1	68.4
-60°	129.2	124.0	118.3	112.7	107.4	100.9	92.4	84.2	76.3	68.9	61.5
-62.5°	117.4	112.3	107.4	102.0	96.4	90.1	82.3	74.7	67.9	61.4	54.7
-65°	103.9	99.2	94.5	89.2	83.3	76.7	70.2	64.6	59.3	53.8	47.9
-67.5°	90.1	85.9	81.0	75.6	70.5	65.3	60.6	55.8	50.9	45.8	40.6
-70°	77.6	74.2	70.2	65.6	60.8	55.8	51.3	46.9	42.3	38.1	34.0
-72.5°	65.6	62.5	58.9	54.7	50.4	46.3	42.5	38.9	35.3	31.8	28.2
-75°	53.4	50.9	48.0	44.6	41.1	37.7	34.5	31.6	28.6	25.5	22.5
-77.5°	42.1	40.2	38.2	35.5	32.7	30.0	27.4	24.7	22.3	19.9	17.8
-80°	31.9	30.4	28.8	26.7	24.5	22.4	20.3	18.5	16.8	15.3	13.8
-82.5°	22.2	21.1	19.9	18.4	16.8	15.3	13.9	12.8	11.7	10.7	9.7
-85°	13.3	12.7	12.1	11.2	10.4	9.6	8.9	8.2	7.6	7.0	6.4
-87.5°	6.3	5.9	5.4	5.3	5.2	5.1	4.9	4.5	4.0	3.6	3.2
-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: P626828 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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	0.1	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.1
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.6	0.6	0.5
67.5°	0.0	0.0	0.0	0.3	0.5	0.4	0.1	0.3	0.6	1.0	0.8
65°	0.5	0.4	0.0	0.4	0.7	1.0	0.7	0.5	0.7	1.0	1.2
62.5°	0.9	1.1	0.8	0.6	0.8	1.2	1.4	0.9	0.8	1.1	1.4
60°	1.0	1.3	1.5	1.2	1.1	1.3	1.5	1.4	1.1	1.1	1.5
57.5°	2.6	1.7	1.7	1.6	1.4	1.4	1.5	1.5	1.3	1.3	1.5
55°	4.9	3.6	2.5	2.0	1.7	1.5	1.5	1.5	1.5	1.4	1.5
52.5°	8.5	6.2	4.5	3.1	2.3	1.7	1.7	1.5	1.5	1.5	1.5
50°	13.6	9.8	7.2	5.1	3.2	2.5	1.9	1.7	1.5	1.5	1.5
47.5°	19.8	14.6	10.4	7.5	5.3	3.4	2.7	2.1	1.5	1.5	1.5
45°	24.5	20.3	14.5	10.5	7.4	5.1	3.6	2.5	1.9	1.6	1.5
42.5°	29.1	25.3	19.8	13.5	10.2	7.0	4.6	3.3	2.3	1.6	1.6
40°	34.9	30.2	24.8	18.4	13.2	9.0	6.2	4.3	2.8	1.9	1.7
37.5°	40.9	35.7	29.8	23.1	16.7	11.9	7.9	5.3	3.5	2.4	1.8
35°	47.7	41.3	34.7	27.6	20.8	14.9	9.5	6.5	4.4	3.0	2.0
32.5°	54.5	46.8	39.3	32.0	24.6	18.0	11.8	8.0	5.3	3.6	2.2
30°	61.1	52.2	43.5	36.2	28.3	21.3	14.6	9.7	6.2	4.2	2.5
27.5°	67.1	57.5	47.6	39.9	31.9	24.3	17.5	11.5	7.1	4.8	3.0
25°	73.4	62.9	52.3	43.2	35.4	27.4	20.2	13.5	8.3	5.5	3.5
22.5°	80.5	68.3	56.8	46.2	39.0	30.5	22.7	15.8	9.8	6.2	3.9
20°	88.2	73.7	61.3	50.5	42.4	33.6	25.2	17.9	11.4	6.9	4.4
17.5°	96.1	79.6	66.7	55.3	45.7	36.5	27.6	19.8	12.9	7.5	4.9
15°	101.4	85.6	71.7	59.9	49.1	39.2	29.9	21.5	14.4	8.0	5.4
12.5°	105.9	90.6	76.0	64.1	52.4	41.6	32.0	23.1	15.9	8.8	5.8
10°	109.8	94.9	79.8	67.9	55.6	43.9	34.0	24.5	17.3	9.8	6.2
7.5°	113.2	98.5	83.0	71.4	58.6	46.1	35.6	25.7	18.5	10.7	6.6
5°	116.1	101.5	85.7	73.6	61.4	48.5	37.0	26.8	19.5	11.7	6.9
2.5°	118.3	104.3	88.1	75.3	63.9	50.6	38.1	27.7	20.3	12.6	7.2
0°	120.0	106.5	90.0	76.5	66.0	52.5	39.0	28.5	21.0	13.5	7.5
-2.5°	121.1	106.9	92.1	77.9	67.3	54.1	40.8	29.5	21.6	14.3	8.0
-5°	121.6	106.8	93.6	79.0	68.2	55.3	42.3	30.3	22.0	14.9	8.4
-7.5°	122.2	107.3	94.4	79.9	68.8	56.3	43.5	30.9	22.3	15.5	8.7
-10°	122.5	107.8	94.7	80.9	69.3	57.0	44.3	31.2	22.6	15.9	9.1
-12.5°	122.1	107.8	94.6	81.5	69.5	57.4	44.7	31.8	22.8	16.1	9.3
-15°	121.2	107.1	94.4	81.6	69.5	57.6	44.8	32.4	23.2	16.2	9.6
-17.5°	119.7	105.9	94.0	81.1	69.2	57.5	44.7	32.6	23.5	16.0	9.8
-20°	118.2	104.8	93.5	80.0	68.7	57.2	44.3	32.5	23.5	15.8	10.0

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626828 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	116.2	103.7	91.9	78.9	67.9	56.6	43.7	32.2	23.2	15.5	10.1
-25°	113.8	102.1	90.0	78.1	67.0	55.6	42.9	31.5	22.7	15.0	10.2
-27.5°	111.3	99.9	88.0	76.9	65.7	54.3	42.0	30.8	21.9	14.4	10.1
-30°	108.5	97.4	86.2	75.3	63.8	52.4	40.6	29.8	21.1	14.1	10.0
-32.5°	105.3	94.9	84.2	72.9	61.6	50.4	38.8	28.4	20.1	13.9	9.9
-35°	102.2	92.1	81.9	69.9	59.1	48.2	37.1	26.5	19.1	13.6	9.8
-37.5°	98.5	88.7	78.0	66.6	56.5	45.8	35.4	25.5	17.9	13.2	9.6
-40°	94.2	84.5	73.6	63.6	53.7	43.3	33.6	24.6	17.1	12.7	9.4
-42.5°	89.5	79.8	70.0	60.5	50.8	41.2	31.7	23.4	16.8	12.3	9.1
-45°	84.6	75.5	66.7	57.3	47.9	39.0	30.2	22.1	16.3	12.0	8.8
-47.5°	80.1	71.9	63.1	53.9	45.3	36.7	28.4	21.3	15.6	11.5	8.5
-50°	76.3	67.9	59.1	50.4	42.3	34.4	26.5	20.2	15.0	11.1	8.1
-52.5°	71.8	63.4	54.8	46.5	39.1	31.8	24.9	18.9	14.1	10.6	7.7
-55°	66.6	58.2	50.0	42.7	35.8	29.3	23.0	17.5	13.1	9.9	7.2
-57.5°	60.4	52.3	45.5	39.0	32.5	26.5	20.9	15.9	12.1	9.2	6.6
-60°	54.1	47.5	41.3	34.9	28.9	23.6	18.5	14.2	11.2	8.4	6.0
-62.5°	48.5	42.5	36.4	30.5	25.3	20.4	16.0	12.9	10.1	7.5	5.3
-65°	42.2	36.5	31.0	26.2	21.6	17.5	14.4	11.5	8.9	6.6	4.7
-67.5°	35.4	30.9	26.2	21.9	18.4	15.4	12.6	10.1	7.7	5.6	4.3
-70°	29.9	25.7	21.9	18.8	15.9	13.3	10.8	8.5	6.4	5.0	3.8
-72.5°	24.7	21.4	18.4	15.8	13.3	11.0	8.8	7.0	5.6	4.4	3.4
-75°	19.7	17.3	15.0	12.7	10.6	8.7	7.2	5.9	4.7	3.7	3.0
-77.5°	15.7	13.6	11.5	9.9	8.6	7.3	6.0	4.7	3.9	3.2	2.6
-80°	12.1	10.6	9.4	8.2	7.1	5.9	4.9	4.0	3.4	2.8	2.1
-82.5°	8.7	7.9	7.2	6.6	5.7	4.8	4.0	3.4	2.8	2.3	1.7
-85°	5.9	5.6	5.2	4.9	4.3	3.7	3.1	2.5	2.0	1.5	1.1
-87.5°	3.0	2.9	2.7	2.6	2.2	1.9	1.6	1.3	1.0	0.8	0.6
-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: P626828 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.1	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	0.2	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.2	0.0
72.5°	0.1	0.2	0.2	0.0	0.0	0.2	0.0
70°	0.2	0.3	0.3	0.0	0.1	0.3	0.0
67.5°	0.5	0.5	0.5	0.2	0.1	0.3	0.0
65°	0.9	0.6	0.6	0.3	0.1	0.3	0.0
62.5°	1.2	0.9	0.8	0.5	0.2	0.4	0.0
60°	1.5	1.0	0.9	0.6	0.2	0.4	0.0
57.5°	1.5	1.2	1.1	0.8	0.3	0.5	0.0
55°	1.5	1.4	1.2	1.0	0.5	0.5	0.0
52.5°	1.5	1.5	1.2	1.1	0.6	0.6	0.0
50°	1.5	1.5	1.3	1.3	0.7	0.6	0.0
47.5°	1.5	1.5	1.4	1.4	0.8	0.6	0.0
45°	1.5	1.5	1.4	1.5	0.9	0.7	0.0
42.5°	1.5	1.5	1.5	1.5	1.0	0.7	0.0
40°	1.5	1.5	1.5	1.5	1.0	0.8	0.0
37.5°	1.5	1.5	1.5	1.5	1.1	0.8	0.0
35°	1.5	1.5	1.5	1.5	1.2	0.9	0.0
32.5°	1.5	1.5	1.5	1.5	1.2	0.9	0.0
30°	1.7	1.5	1.5	1.5	1.3	1.0	0.0
27.5°	1.9	1.5	1.5	1.5	1.3	1.0	0.0
25°	2.0	1.5	1.5	1.5	1.4	1.1	0.0
22.5°	2.2	1.5	1.5	1.5	1.4	1.1	0.0
20°	2.4	1.6	1.5	1.5	1.4	1.2	0.0
17.5°	2.7	1.8	1.5	1.5	1.5	1.2	0.0
15°	3.0	1.9	1.5	1.5	1.5	1.3	0.0
12.5°	3.3	2.1	1.5	1.5	1.5	1.3	0.0
10°	3.6	2.3	1.5	1.5	1.5	1.3	0.0
7.5°	3.8	2.5	1.5	1.5	1.5	1.4	0.0
5°	4.1	2.6	1.5	1.5	1.5	1.4	0.0
2.5°	4.3	2.8	1.5	1.5	1.5	1.5	0.0
0°	4.5	3.0	1.5	1.5	1.5	1.5	0.0
-2.5°	4.9	3.2	1.6	1.5	1.5	1.5	0.0
-5°	5.3	3.3	1.8	1.5	1.5	1.5	0.0
-7.5°	5.6	3.4	1.9	1.5	1.5	1.5	0.0
-10°	5.9	3.5	2.0	1.5	1.5	1.5	0.0
-12.5°	6.1	3.6	2.1	1.5	1.5	1.5	0.0
-15°	6.3	3.7	2.2	1.5	1.5	1.4	0.0
-17.5°	6.4	3.8	2.2	1.5	1.5	1.4	0.0
-20°	6.5	3.8	2.3	1.5	1.5	1.4	0.0

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REPORT NUMBER: P626828 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	6.6	3.9	2.3	1.5	1.5	1.4	0.0
-25°	6.7	4.0	2.3	1.5	1.5	1.4	0.0
-27.5°	6.7	4.1	2.3	1.5	1.5	1.3	0.0
-30°	6.6	4.1	2.2	1.5	1.5	1.3	0.0
-32.5°	6.5	4.2	2.2	1.5	1.5	1.3	0.0
-35°	6.5	4.2	2.2	1.5	1.5	1.2	0.0
-37.5°	6.5	4.1	2.1	1.5	1.5	1.2	0.0
-40°	6.4	4.0	2.0	1.5	1.5	1.1	0.0
-42.5°	6.3	3.9	2.0	1.5	1.5	1.1	0.0
-45°	6.1	3.8	2.1	1.6	1.5	1.1	0.0
-47.5°	5.8	3.6	2.1	1.6	1.5	1.0	0.0
-50°	5.5	3.3	2.1	1.6	1.5	1.0	0.0
-52.5°	5.2	3.1	2.1	1.6	1.5	0.9	0.0
-55°	4.8	3.0	2.1	1.6	1.5	0.9	0.0
-57.5°	4.3	2.9	2.1	1.6	1.5	0.8	0.0
-60°	3.9	2.8	2.0	1.6	1.5	0.7	0.0
-62.5°	3.7	2.7	2.0	1.6	1.4	0.7	0.0
-65°	3.5	2.5	1.9	1.6	1.3	0.6	0.0
-67.5°	3.2	2.4	1.8	1.5	1.1	0.6	0.0
-70°	2.9	2.2	1.7	1.5	1.0	0.5	0.0
-72.5°	2.6	2.0	1.6	1.3	0.9	0.5	0.0
-75°	2.3	1.8	1.5	1.2	0.8	0.4	0.0
-77.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-80°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-85°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)