

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: P626868 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626868 (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-740-U-NR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9489.1 lumens  
Efficiency: N/A  
Efficacy: 149.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 96187.9 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 3029.4 lumens  
Beam Efficiency: 31.9%

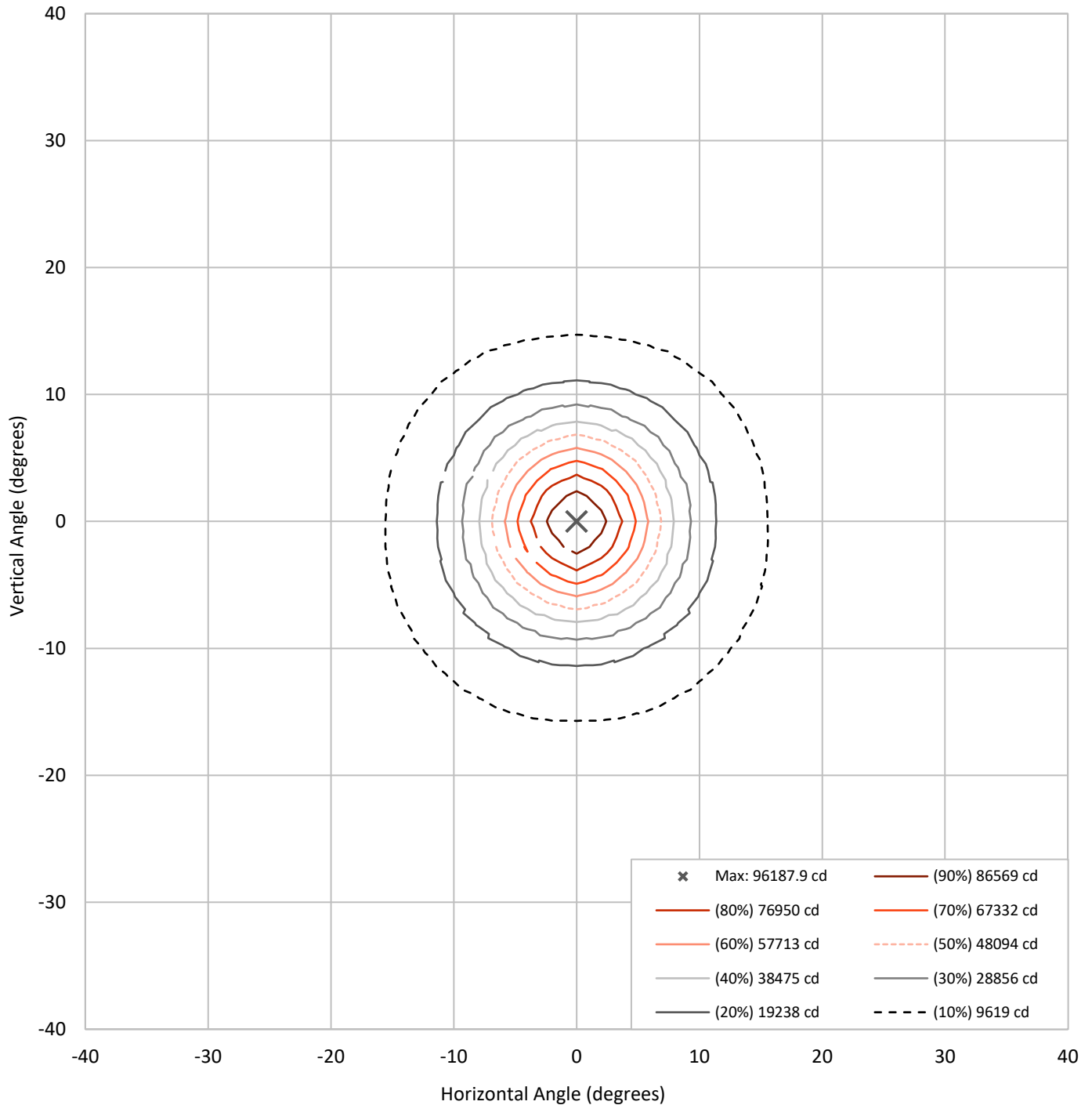
Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 6747.4 lumens  
Field Efficiency: 71.1%

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-740-U-NR-VSR-XX

### Iso-Candela Plot





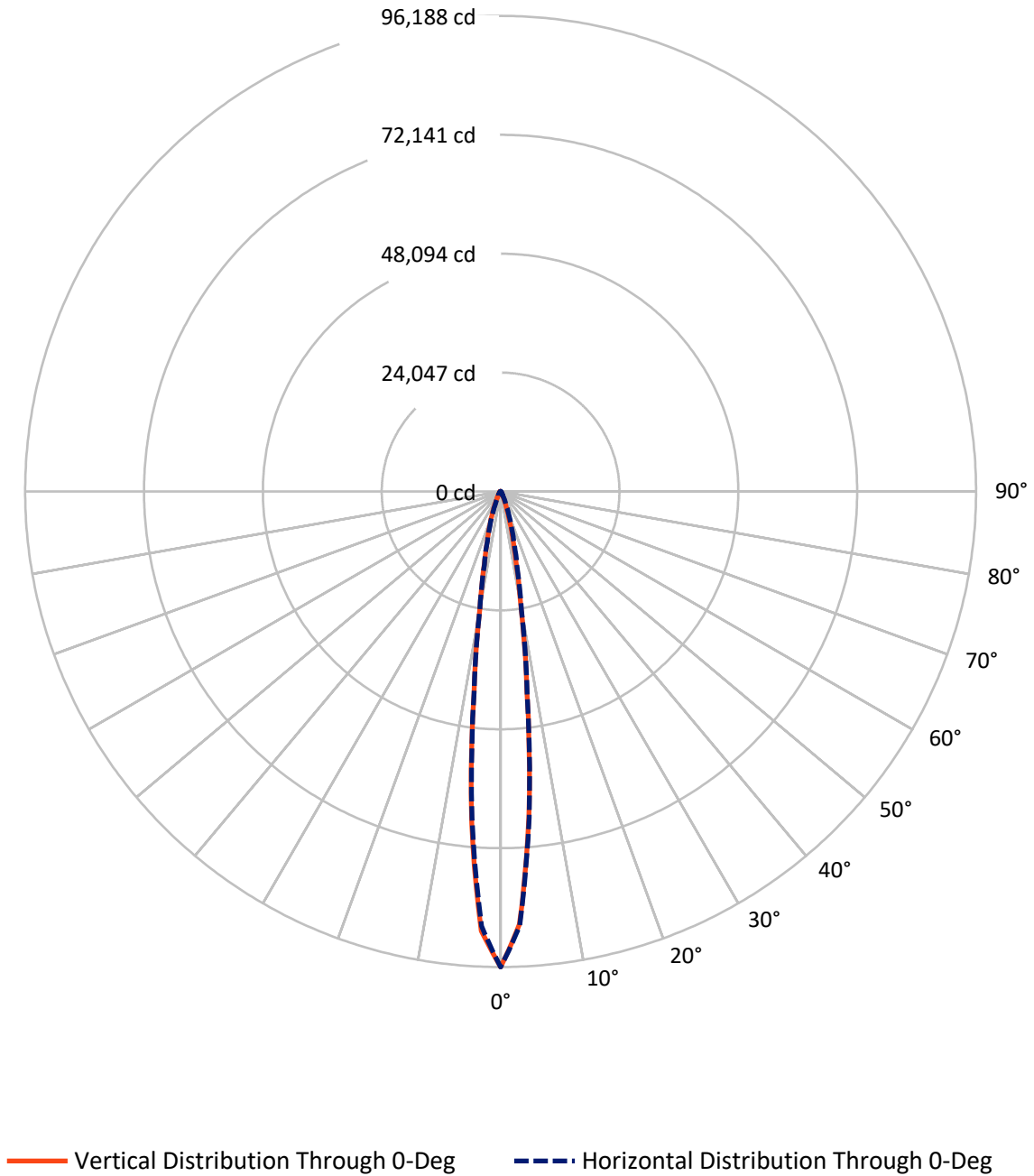
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### Lumen Table

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	0.0		
60		0.0	0.1	0.2	0.5	0.8	1.1	1.3	1.3	1.1	0.8	0.5	0.2	0.1	0.0				
50	0.0	0.1	0.3	0.8	1.5	2.3	3.2	3.8	3.8	3.2	2.3	1.5	0.8	0.3	0.1	0.0			
40		0.1	0.7	1.6	2.9	4.5	7.7	9.8	9.8	7.7	4.5	2.9	1.6	0.7	0.1				
30	0.1	0.3	1.1	2.4	4.4	9.7	25.8	42.7	42.7	25.8	9.7	4.4	2.4	1.1	0.3	0.1			
20		0.4	1.5	3.4	7.3	28.9	121.6	267.4	267.4	121.6	28.9	7.3	3.4	1.5	0.4				
10	0.1	0.5	1.8	4.0	10.0	54.2	291.5	1307.2	1307.2	291.5	54.2	10.0	4.0	1.8	0.5	0.1			
0		0.6	1.9	4.2	10.7	57.7	301.7	1329.4	1329.4	301.7	57.7	10.7	4.2	1.9	0.6				
-10	0.2	0.6	2.0	4.1	9.4	36.7	146.5	313.2	313.2	146.5	36.7	9.4	4.1	2.0	0.6	0.2			
-20		0.6	1.9	3.8	7.3	17.2	45.1	75.2	75.2	45.1	17.2	7.3	3.8	1.9	0.6				
-30	0.2	0.5	1.7	3.3	5.7	9.4	15.3	19.5	19.5	15.3	9.4	5.7	3.3	1.7	0.5	0.2			
-40		0.4	1.4	2.8	4.6	6.6	8.9	9.9	9.9	8.9	6.6	4.6	2.8	1.4	0.4				
-50	0.1	0.3	1.0	2.2	3.6	5.1	6.4	7.0	7.0	6.4	5.1	3.6	2.2	1.0	0.3	0.1			
-60		0.2	0.6	1.4	2.4	3.5	4.5	4.9	4.9	4.5	3.5	2.4	1.4	0.6	0.2				
-70	0.0	0.6	2.4	5.2	6.6	5.2	2.4	0.6	0.0										
-80		0.0	0.6	2.4	5.2	6.6	5.2	2.4		0.6									
-90	0.0	0.6	2.4	5.2	6.6	5.2	2.4	0.6	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

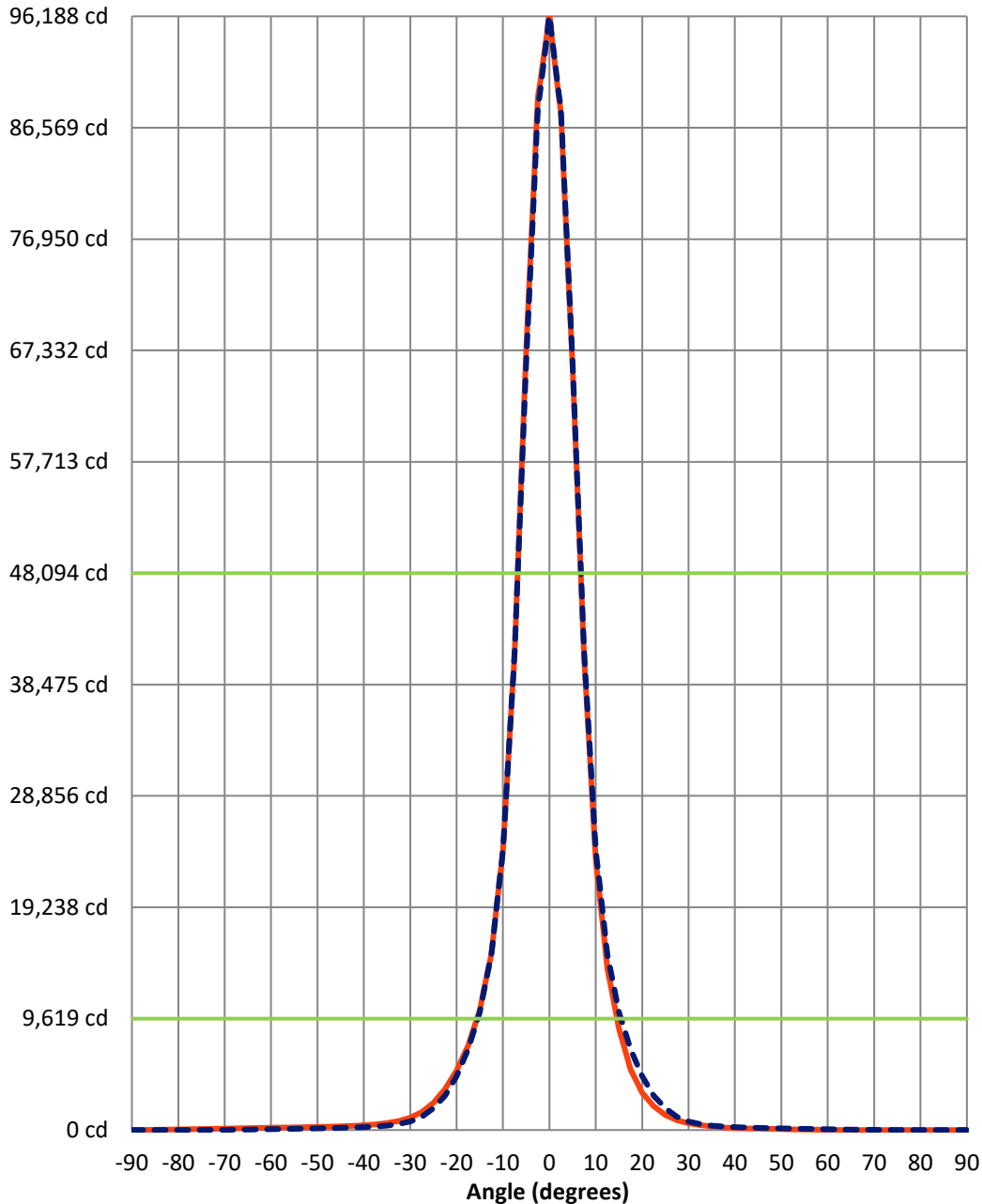
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CATALOG NUMBER: GFLD-SA2B-740-U-NR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 3029.4  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 6747.4  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 2741.7  
 Efficiency: 28.9%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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	0.2	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	0.3	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.2	0.1
72.5°	0.0	0.3	0.1	0.0	0.2	0.3	0.1	0.1	0.4	0.4	0.2
70°	0.0	0.4	0.1	0.0	0.4	0.5	0.2	0.6	0.8	0.7	0.3
67.5°	0.0	0.4	0.1	0.2	0.6	0.6	0.7	1.1	1.3	0.8	0.3
65°	0.0	0.5	0.2	0.4	0.8	0.9	1.2	1.7	1.3	0.9	0.6
62.5°	0.0	0.5	0.2	0.6	1.0	1.1	1.6	1.9	1.4	1.0	1.3
60°	0.0	0.6	0.3	0.8	1.3	1.4	2.0	1.9	1.5	1.4	1.8
57.5°	0.0	0.6	0.4	1.1	1.4	1.6	2.0	2.0	1.7	1.8	2.0
55°	0.0	0.7	0.6	1.3	1.5	1.8	2.0	2.0	1.8	2.0	2.0
52.5°	0.0	0.7	0.8	1.5	1.7	2.0	2.0	2.0	2.0	2.0	2.0
50°	0.0	0.8	0.9	1.7	1.8	2.0	2.0	2.0	2.0	2.0	2.3
47.5°	0.0	0.9	1.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.8
45°	0.0	0.9	1.2	1.9	1.9	2.0	2.0	2.0	2.1	2.5	3.4
42.5°	0.0	1.0	1.3	2.0	2.0	2.0	2.0	2.1	2.2	3.1	4.5
40°	0.0	1.0	1.4	2.0	2.0	2.0	2.0	2.2	2.6	3.8	5.8
37.5°	0.0	1.1	1.5	2.0	2.0	2.0	2.0	2.5	3.3	4.7	7.1
35°	0.0	1.2	1.6	2.0	2.0	2.0	2.0	2.7	4.1	6.0	8.7
32.5°	0.0	1.2	1.7	2.0	2.0	2.0	2.1	3.0	4.8	7.2	10.9
30°	0.0	1.3	1.7	2.0	2.0	2.0	2.3	3.4	5.7	8.4	13.2
27.5°	0.0	1.4	1.8	2.0	2.0	2.0	2.5	4.0	6.5	9.6	15.6
25°	0.0	1.4	1.8	2.0	2.0	2.0	2.8	4.7	7.5	11.3	18.3
22.5°	0.0	1.5	1.9	2.0	2.0	2.0	3.0	5.4	8.4	13.3	21.4
20°	0.0	1.6	1.9	2.0	2.0	2.2	3.3	6.0	9.3	15.4	24.3
17.5°	0.0	1.6	1.9	2.0	2.0	2.4	3.7	6.6	10.1	17.5	26.9
15°	0.0	1.7	2.0	2.0	2.0	2.6	4.1	7.3	10.9	19.6	29.2
12.5°	0.0	1.7	2.0	2.0	2.0	2.8	4.5	7.9	11.9	21.6	31.4
10°	0.0	1.8	2.0	2.0	2.0	3.1	4.8	8.4	13.2	23.4	33.3
7.5°	0.0	1.9	2.0	2.0	2.0	3.3	5.2	9.0	14.6	25.0	34.9
5°	0.0	1.9	2.0	2.0	2.0	3.6	5.5	9.4	15.9	26.4	36.4
2.5°	0.0	2.0	2.0	2.0	2.0	3.9	5.8	9.8	17.1	27.6	37.6
0°	0.0	2.0	2.0	2.0	2.0	4.1	6.1	10.2	18.3	28.5	38.7
-2.5°	0.0	2.0	2.0	2.0	2.2	4.3	6.6	10.8	19.3	29.3	40.0
-5°	0.0	2.0	2.0	2.0	2.4	4.5	7.1	11.4	20.2	29.9	41.1
-7.5°	0.0	2.0	2.0	2.0	2.5	4.7	7.6	11.9	21.0	30.3	41.9
-10°	0.0	2.0	2.0	2.0	2.7	4.8	8.0	12.3	21.5	30.6	42.4
-12.5°	0.0	2.0	2.0	2.0	2.8	5.0	8.3	12.7	21.8	30.9	43.2
-15°	0.0	1.9	2.0	2.0	2.9	5.1	8.6	13.0	21.9	31.6	43.9
-17.5°	0.0	1.9	2.0	2.0	3.0	5.2	8.8	13.3	21.8	31.9	44.3
-20°	0.0	1.9	2.0	2.0	3.1	5.2	8.9	13.6	21.5	31.9	44.2

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Scaled Data Report



REPORT NUMBER: P626868 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-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	1.8	2.0	2.0	3.1	5.3	9.0	13.7	21.0	31.5	43.7
-25°	0.0	1.8	2.0	2.0	3.1	5.4	9.0	13.8	20.3	30.7	42.7
-27.5°	0.0	1.8	2.0	2.0	3.1	5.5	9.0	13.8	19.5	29.7	41.8
-30°	0.0	1.7	2.0	2.0	3.0	5.6	9.0	13.6	19.1	28.6	40.4
-32.5°	0.0	1.7	2.0	2.0	3.0	5.7	8.9	13.4	18.9	27.3	38.5
-35°	0.0	1.6	2.0	2.0	2.9	5.7	8.9	13.3	18.5	25.9	36.0
-37.5°	0.0	1.6	2.0	2.0	2.9	5.6	8.8	13.0	17.9	24.3	34.6
-40°	0.0	1.5	2.0	2.0	2.7	5.5	8.7	12.7	17.2	23.2	33.4
-42.5°	0.0	1.5	2.0	2.0	2.7	5.3	8.6	12.4	16.7	22.7	31.8
-45°	0.0	1.4	2.0	2.1	2.8	5.1	8.3	12.0	16.2	22.1	30.0
-47.5°	0.0	1.4	2.0	2.1	2.8	4.8	8.0	11.6	15.7	21.1	28.9
-50°	0.0	1.3	2.0	2.1	2.9	4.5	7.5	11.1	15.1	20.3	27.4
-52.5°	0.0	1.2	2.0	2.2	2.9	4.1	7.1	10.5	14.4	19.2	25.6
-55°	0.0	1.1	2.0	2.2	2.9	4.0	6.5	9.8	13.5	17.8	23.8
-57.5°	0.0	1.1	2.0	2.2	2.8	3.9	5.9	9.0	12.5	16.5	21.5
-60°	0.0	1.0	2.0	2.2	2.8	3.8	5.3	8.1	11.4	15.2	19.3
-62.5°	0.0	0.9	1.8	2.1	2.7	3.6	5.0	7.2	10.3	13.7	17.6
-65°	0.0	0.8	1.7	2.1	2.6	3.5	4.7	6.3	9.0	12.2	15.7
-67.5°	0.0	0.8	1.5	2.1	2.5	3.2	4.4	5.8	7.6	10.5	13.7
-70°	0.0	0.7	1.4	2.0	2.3	3.0	4.0	5.2	6.8	8.7	11.5
-72.5°	0.0	0.6	1.2	1.8	2.2	2.7	3.5	4.6	6.0	7.6	9.5
-75°	0.0	0.5	1.0	1.5	2.0	2.4	3.1	4.0	5.1	6.4	8.0
-77.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.5	4.4	5.3	6.4
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.9	3.7	4.6	5.4
-82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	2.2	3.1	3.8	4.6
-85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.5	2.1	2.7	3.4
-87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.8	1.0	1.4	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.6	0.7	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	1.0	1.3	1.0	0.5	0.0	0.5	0.7	0.5	0.1	0.0	0.0
62.5°	1.9	1.6	1.1	0.8	1.1	1.5	1.2	0.7	0.2	1.0	1.4
60°	2.0	1.7	1.4	1.6	2.0	1.8	1.3	2.0	3.0	3.8	4.6
57.5°	2.0	1.9	1.8	2.2	2.3	2.3	3.6	4.8	6.8	8.4	9.5
55°	2.1	2.0	2.3	2.7	3.4	4.9	6.7	9.4	11.6	14.9	17.8
52.5°	2.3	2.3	3.1	4.2	6.2	8.4	11.6	15.4	19.8	23.1	26.5
50°	2.6	3.4	4.4	7.0	9.7	13.3	18.5	24.0	27.7	31.4	36.4
47.5°	3.6	4.6	7.2	10.2	14.2	19.8	26.9	31.0	34.6	40.4	46.5
45°	4.9	6.9	10.1	14.3	19.7	27.6	33.2	36.5	42.8	49.5	56.6
42.5°	6.2	9.6	13.8	18.3	26.9	34.3	39.4	44.7	51.0	58.8	66.5
40°	8.5	12.2	18.0	25.0	33.7	41.0	47.4	53.4	59.6	69.8	78.0
37.5°	10.7	16.1	22.7	31.4	40.4	48.4	55.6	63.1	72.0	83.5	90.8
35°	13.0	20.2	28.2	37.5	47.1	56.1	64.7	73.5	85.1	96.0	104.7
32.5°	16.0	24.4	33.4	43.4	53.3	63.6	74.0	84.5	95.9	107.0	118.5
30°	19.9	28.9	38.4	49.1	59.1	70.9	83.0	94.1	105.5	117.3	130.3
27.5°	23.8	33.0	43.3	54.1	64.6	78.1	91.1	102.7	114.4	127.1	141.9
25°	27.4	37.3	48.0	58.7	71.0	85.4	99.6	113.1	123.0	137.5	154.7
22.5°	30.8	41.4	52.9	62.7	77.1	92.8	109.3	123.9	135.6	148.5	168.1
20°	34.3	45.6	57.5	68.5	83.2	100.1	119.7	134.7	149.3	165.9	185.9
17.5°	37.5	49.5	62.0	75.1	90.6	108.1	130.4	145.7	163.1	183.0	208.2
15°	40.6	53.2	66.6	81.3	97.3	116.1	137.6	156.7	177.6	200.5	230.2
12.5°	43.5	56.5	71.1	87.0	103.2	123.0	143.7	164.0	188.0	218.0	255.4
10°	46.2	59.5	75.4	92.2	108.3	128.9	149.1	170.2	195.5	228.4	271.3
7.5°	48.3	62.6	79.5	96.9	112.7	133.6	153.7	175.2	201.7	237.1	281.9
5°	50.2	65.8	83.4	100.0	116.4	137.8	157.5	179.3	206.7	243.8	289.5
2.5°	51.7	68.7	86.7	102.2	119.6	141.6	160.6	183.7	211.8	249.1	296.7
0°	52.9	71.3	89.6	103.8	122.2	144.6	162.9	187.3	215.8	252.5	303.4
-2.5°	55.4	73.4	91.3	105.7	125.0	145.1	164.4	187.8	217.3	255.1	304.6
-5°	57.5	75.1	92.5	107.2	127.1	145.0	165.0	187.4	217.9	256.7	306.8
-7.5°	59.1	76.4	93.4	108.4	128.2	145.7	165.9	188.8	219.4	258.0	309.7
-10°	60.1	77.3	94.0	109.8	128.5	146.3	166.3	189.1	219.1	257.1	308.1
-12.5°	60.6	77.9	94.3	110.6	128.4	146.3	165.8	188.3	216.9	253.9	301.8
-15°	60.8	78.1	94.3	110.7	128.1	145.4	164.4	186.1	212.9	248.4	292.0
-17.5°	60.6	78.0	93.9	110.0	127.6	143.7	162.4	183.3	208.8	242.0	283.9
-20°	60.1	77.6	93.2	108.5	127.0	142.2	160.4	180.5	204.5	234.7	272.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626868 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-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°	59.3	76.8	92.2	107.1	124.7	140.7	157.8	176.9	198.5	225.7	259.0
-25°	58.3	75.4	90.9	105.9	122.1	138.6	154.4	172.6	192.4	218.6	248.6
-27.5°	57.0	73.7	89.1	104.3	119.4	135.6	151.1	168.3	187.9	211.0	237.7
-30°	55.1	71.2	86.6	102.2	117.0	132.2	147.2	163.6	182.0	203.9	228.6
-32.5°	52.8	68.5	83.5	98.9	114.3	128.9	142.9	158.7	176.0	195.1	218.7
-35°	50.3	65.5	80.2	94.8	111.1	125.1	138.7	153.1	169.2	187.0	206.2
-37.5°	48.1	62.2	76.6	90.4	105.8	120.4	133.7	147.4	162.3	178.5	196.0
-40°	45.6	58.8	72.9	86.3	99.9	114.7	127.9	141.2	154.9	171.2	186.7
-42.5°	43.1	55.9	68.9	82.1	95.0	108.3	121.5	134.2	148.7	164.2	179.3
-45°	41.0	52.9	65.0	77.8	90.5	102.5	114.9	126.7	141.5	157.0	171.8
-47.5°	38.5	49.8	61.5	73.1	85.6	97.6	108.7	120.7	133.3	147.9	163.5
-50°	36.0	46.7	57.5	68.4	80.2	92.2	103.5	114.6	126.4	138.4	151.9
-52.5°	33.8	43.2	53.1	63.2	74.4	86.1	97.5	108.6	119.5	130.7	142.2
-55°	31.2	39.8	48.6	58.0	67.8	79.0	90.3	101.2	112.3	122.8	134.0
-57.5°	28.4	36.1	44.1	52.9	61.8	71.0	82.0	92.8	103.2	113.9	125.5
-60°	25.1	32.0	39.3	47.4	56.1	64.5	73.4	83.4	93.5	103.6	114.3
-62.5°	21.8	27.7	34.3	41.4	49.4	57.7	65.8	74.3	83.4	92.2	101.4
-65°	19.5	23.7	29.3	35.6	42.2	49.6	57.2	65.1	73.1	80.5	87.7
-67.5°	17.2	20.9	25.0	29.7	35.6	41.9	48.0	55.0	62.2	69.1	75.7
-70°	14.6	18.0	21.6	25.5	29.7	34.8	40.6	46.2	51.7	57.4	63.6
-72.5°	12.0	14.9	18.1	21.4	25.0	29.0	33.5	38.3	43.2	47.9	52.8
-75°	9.9	11.8	14.4	17.2	20.3	23.5	26.7	30.5	34.6	38.8	42.9
-77.5°	8.1	9.9	11.7	13.4	15.7	18.5	21.4	24.2	27.1	30.2	33.5
-80°	6.6	8.0	9.6	11.2	12.7	14.5	16.5	18.7	20.7	22.8	25.1
-82.5°	5.5	6.6	7.7	9.0	9.8	10.8	11.8	13.1	14.5	15.9	17.3
-85°	4.2	5.1	5.8	6.7	7.1	7.5	8.1	8.6	9.5	10.3	11.2
-87.5°	2.1	2.5	3.0	3.5	3.7	3.9	4.1	4.3	4.9	5.4	6.0
-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: P626868 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-740-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	0.4	0.5	0.4	0.2	0.0	0.0
62.5°	1.2	1.0	1.6	2.1	2.3	2.2	2.1	1.8	1.6	1.4	1.6
60°	4.9	4.8	6.7	7.6	6.9	4.9	7.7	9.1	8.7	7.5	7.4
57.5°	12.0	14.5	16.4	17.2	19.9	24.3	25.1	23.7	23.1	23.6	27.2
55°	20.7	22.8	23.8	27.5	30.8	33.2	34.6	36.0	38.1	40.6	43.3
52.5°	29.3	32.1	34.3	37.6	41.5	42.9	42.6	47.6	51.5	54.0	55.0
50°	40.2	43.7	48.8	54.0	56.3	58.5	60.8	64.9	70.9	78.4	82.7
47.5°	52.0	57.6	62.9	68.8	71.8	74.1	77.6	84.8	93.4	101.5	105.7
45°	62.6	67.6	73.7	78.8	82.5	87.0	92.0	98.5	108.1	116.6	122.4
42.5°	71.2	76.8	83.0	89.2	93.0	99.0	106.6	115.5	125.5	134.3	140.8
40°	83.1	87.8	97.8	103.7	105.1	110.8	126.1	138.2	149.5	160.3	165.7
37.5°	97.5	106.8	117.1	122.5	127.7	137.7	158.1	177.7	192.1	206.7	214.7
35°	113.9	126.1	140.1	146.5	157.7	179.6	203.5	230.7	264.6	278.7	291.6
32.5°	129.8	143.5	156.4	170.6	190.3	216.4	243.3	287.4	328.6	360.5	383.8
30°	144.0	158.4	174.6	192.7	220.5	256.4	301.4	358.5	416.5	467.2	510.1
27.5°	157.9	174.4	193.6	220.7	259.7	308.5	380.4	461.8	558.7	630.1	715.4
25°	173.3	192.1	216.7	256.0	308.7	381.6	496.6	628.8	787.6	916.5	1051.3
22.5°	191.4	219.2	250.4	294.2	386.2	506.3	663.4	889.3	1133.7	1359.7	1577.3
20°	213.3	251.3	301.4	382.1	500.2	677.8	950.7	1311.3	1670.7	2053.5	2422.0
17.5°	244.5	299.3	377.1	492.1	647.6	998.9	1441.8	1999.5	2715.8	3365.1	3932.0
15°	273.8	339.3	462.2	634.0	905.4	1371.0	2043.6	2964.0	4080.5	5098.1	6172.8
12.5°	304.6	381.9	523.0	741.8	1118.9	1725.0	2670.3	3931.4	5329.5	6863.1	8609.9
10°	328.9	422.8	591.8	869.2	1334.0	2088.8	3214.7	4744.2	6602.0	8871.6	11664.1
7.5°	345.4	455.6	648.6	962.4	1532.0	2460.8	3816.3	5654.6	7977.3	10984.0	14891.4
5°	358.2	480.7	691.3	1047.5	1699.6	2744.8	4261.9	6451.9	9199.4	13227.9	19849.8
2.5°	368.6	499.8	717.8	1106.0	1804.7	2942.6	4561.0	6902.9	9926.9	14886.9	23478.0
0°	376.7	517.1	735.0	1142.2	1885.3	2962.4	4654.3	6985.5	10188.1	15186.4	24258.7
-2.5°	380.1	526.4	740.9	1150.1	1877.2	2996.3	4682.8	7051.4	10178.3	15022.4	23386.7
-5°	385.8	526.3	736.5	1142.0	1835.2	2908.5	4496.8	6682.4	9564.2	13730.3	20583.1
-7.5°	389.9	517.9	715.1	1090.3	1725.0	2718.8	4170.0	6071.2	8446.6	11609.8	15854.0
-10°	386.1	501.7	679.6	1003.5	1553.7	2414.4	3673.1	5264.2	7238.4	9582.6	12466.2
-12.5°	371.6	472.0	621.6	881.8	1331.9	2073.4	3173.1	4527.8	5989.1	7635.4	9628.0
-15°	353.2	440.0	569.3	798.5	1167.4	1735.4	2538.3	3637.3	4809.5	6059.5	7392.4
-17.5°	339.0	411.8	518.9	684.8	956.2	1407.8	2038.8	2819.4	3680.8	4632.6	5422.5
-20°	319.6	377.2	467.1	602.5	809.6	1108.8	1568.4	2135.5	2704.0	3373.1	3918.8

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626868 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-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°	300.2	350.4	418.7	517.9	671.9	898.0	1181.9	1560.7	1976.3	2360.4	2738.5
-25°	282.2	320.9	376.1	457.5	562.0	716.2	918.3	1135.6	1409.6	1643.4	1902.8
-27.5°	267.6	300.8	341.7	401.3	482.4	581.6	726.3	871.9	1015.9	1133.9	1312.5
-30°	253.5	280.2	314.4	356.9	417.7	494.2	588.1	682.5	765.7	841.5	934.6
-32.5°	239.7	261.4	287.6	322.9	366.5	424.0	481.7	549.4	607.3	660.6	709.9
-35°	225.9	245.2	265.1	294.9	329.7	370.5	412.5	458.3	498.3	534.3	566.1
-37.5°	213.3	230.4	249.1	271.2	299.3	330.0	364.3	397.6	424.0	447.3	466.6
-40°	202.8	218.2	234.3	252.0	273.4	297.6	326.7	354.5	373.0	387.3	398.9
-42.5°	193.4	207.0	220.6	235.7	252.1	273.1	296.1	319.0	331.5	342.6	351.0
-45°	185.8	196.2	207.7	220.6	235.1	252.7	270.8	286.6	297.8	307.3	314.3
-47.5°	175.8	185.8	195.8	206.4	219.9	234.6	249.6	261.7	271.5	279.7	285.1
-50°	164.8	175.4	184.5	193.8	206.2	218.7	230.7	240.8	250.1	258.2	262.4
-52.5°	153.4	164.8	174.4	183.4	193.9	204.7	215.5	224.2	232.3	239.9	243.2
-55°	145.1	155.6	165.6	174.1	182.7	191.4	200.2	209.2	217.2	224.5	226.6
-57.5°	136.3	146.9	156.7	164.4	172.2	180.0	188.1	196.2	204.0	210.9	212.7
-60°	125.5	137.0	145.7	153.0	160.5	168.3	175.3	182.5	189.7	195.8	197.8
-62.5°	111.7	122.2	130.8	138.5	145.8	152.5	159.4	166.1	172.6	177.3	178.9
-65°	95.2	104.2	113.0	121.0	128.2	134.7	141.0	147.2	153.1	157.3	159.4
-67.5°	82.2	88.7	95.8	102.6	109.8	116.5	122.2	127.7	132.7	136.3	138.5
-70°	69.7	75.8	82.5	89.0	95.3	100.7	105.3	109.7	114.0	117.2	119.6
-72.5°	57.7	62.8	68.4	74.2	79.9	84.9	89.1	93.0	96.7	99.5	101.6
-75°	46.9	51.1	55.8	60.5	65.1	69.0	72.5	76.0	79.3	81.7	83.7
-77.5°	37.1	40.8	44.4	48.1	51.8	54.6	57.2	59.7	62.2	64.1	65.8
-80°	27.5	30.3	33.3	36.2	39.1	41.3	43.3	45.1	46.8	47.9	48.9
-82.5°	18.8	20.8	22.8	24.9	26.9	28.5	30.1	31.6	33.1	33.6	34.0
-85°	12.0	13.0	14.1	15.2	16.4	17.3	18.1	18.9	19.7	20.4	21.1
-87.5°	6.6	6.8	7.0	7.2	7.3	8.0	8.6	9.2	9.8	10.0	10.0
-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: P626868 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
62.5°	1.8	1.9	2.0	2.0	2.0	1.9	1.8	1.6	1.4	1.6	1.8
60°	7.0	6.2	6.0	6.1	6.0	6.2	7.0	7.4	7.5	8.7	9.1
57.5°	30.9	34.4	35.4	34.6	35.4	34.4	30.9	27.2	23.6	23.1	23.7
55°	45.1	46.1	46.6	46.8	46.6	46.1	45.1	43.3	40.6	38.1	36.0
52.5°	55.3	54.9	54.9	55.0	54.9	54.9	55.3	55.0	54.0	51.5	47.6
50°	83.1	81.5	80.9	81.4	80.9	81.5	83.1	82.7	78.4	70.9	64.9
47.5°	106.2	106.7	107.4	107.9	107.4	106.7	106.2	105.7	101.5	93.4	84.8
45°	124.0	125.1	125.8	126.2	125.8	125.1	124.0	122.4	116.6	108.1	98.5
42.5°	142.2	142.3	142.1	142.5	142.1	142.3	142.2	140.8	134.3	125.5	115.5
40°	167.9	168.4	167.9	167.0	167.9	168.4	167.9	165.7	160.3	149.5	138.2
37.5°	219.4	220.1	217.7	215.8	217.7	220.1	219.4	214.7	206.7	192.1	177.7
35°	303.4	312.1	316.2	317.6	316.2	312.1	303.4	291.6	278.7	264.6	230.7
32.5°	399.9	412.0	418.1	423.5	418.1	412.0	399.9	383.8	360.5	328.6	287.4
30°	538.2	560.5	570.4	584.3	570.4	560.5	538.2	510.1	467.2	416.5	358.5
27.5°	763.7	803.0	824.8	844.9	824.8	803.0	763.7	715.4	630.1	558.7	461.8
25°	1149.2	1224.9	1273.8	1296.9	1273.8	1224.9	1149.2	1051.3	916.5	787.6	628.8
22.5°	1787.9	1927.3	2034.8	2056.3	2034.8	1927.3	1787.9	1577.3	1359.7	1133.7	889.3
20°	2779.5	2979.0	3141.3	3223.0	3141.3	2979.0	2779.5	2422.0	2053.5	1670.7	1311.3
17.5°	4607.1	5022.0	5211.5	5242.7	5211.5	5022.0	4607.1	3932.0	3365.1	2715.8	1999.5
15°	7326.0	8028.1	8473.8	8760.8	8473.8	8028.1	7326.0	6172.8	5098.1	4080.5	2964.0
12.5°	10428.3	12423.3	13558.4	13991.3	13558.4	12423.3	10428.3	8609.9	6863.1	5329.5	3931.4
10°	14638.6	19335.3	22044.4	23407.7	22044.4	19335.3	14638.6	11664.1	8871.6	6602.0	4744.2
7.5°	21784.8	29038.6	37075.7	40794.0	37075.7	29038.6	21784.8	14891.4	10984.0	7977.3	5654.6
5°	29297.0	45223.6	59202.6	65896.6	59202.6	45223.6	29297.0	19849.8	13227.9	9199.4	6451.9
2.5°	37931.1	59409.7	79268.4	87618.5	79268.4	59409.7	37931.1	23478.0	14886.9	9926.9	6902.9
0°	41254.1	66273.2	87992.1	96187.9	87992.1	66273.2	41254.1	24258.7	15186.4	10188.1	6985.5
-2.5°	38444.8	60450.2	79609.6	88974.4	79609.6	60450.2	38444.8	23386.7	15022.4	10178.3	7051.4
-5°	30546.4	45472.9	59662.2	67293.3	59662.2	45472.9	30546.4	20583.1	13730.3	9564.2	6682.4
-7.5°	22419.1	30545.0	38425.2	41180.8	38425.2	30545.0	22419.1	15854.0	11609.8	8446.6	6071.2
-10°	15608.7	20261.8	23333.3	24209.9	23333.3	20261.8	15608.7	12466.2	9582.6	7238.4	5264.2
-12.5°	11572.3	13607.5	15023.6	15269.9	15023.6	13607.5	11572.3	9628.0	7635.4	5989.1	4527.8
-15°	8569.0	9604.0	10334.3	10383.5	10334.3	9604.0	8569.0	7392.4	6059.5	4809.5	3637.3
-17.5°	6264.0	6958.7	7327.3	7301.0	7327.3	6958.7	6264.0	5422.5	4632.6	3680.8	2819.4
-20°	4479.1	4897.9	5194.8	5136.8	5194.8	4897.9	4479.1	3918.8	3373.1	2704.0	2135.5



REPORT NUMBER: P626868 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-740-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°	3123.1	3401.1	3575.2	3530.4	3575.2	3401.1	3123.1	2738.5	2360.4	1976.3	1560.7
-25°	2122.1	2273.6	2359.8	2345.5	2359.8	2273.6	2122.1	1902.8	1643.4	1409.6	1135.6
-27.5°	1446.1	1526.1	1552.8	1551.4	1552.8	1526.1	1446.1	1312.5	1133.9	1015.9	871.9
-30°	1003.7	1057.5	1088.2	1068.9	1088.2	1057.5	1003.7	934.6	841.5	765.7	682.5
-32.5°	748.1	778.4	795.9	777.7	795.9	778.4	748.1	709.9	660.6	607.3	549.4
-35°	589.5	604.9	611.1	600.6	611.1	604.9	589.5	566.1	534.3	498.3	458.3
-37.5°	480.7	489.7	492.7	486.6	492.7	489.7	480.7	466.6	447.3	424.0	397.6
-40°	407.3	412.8	414.2	409.2	414.2	412.8	407.3	398.9	387.3	373.0	354.5
-42.5°	356.4	359.7	360.4	358.3	360.4	359.7	356.4	351.0	342.6	331.5	319.0
-45°	318.5	321.3	321.8	319.6	321.8	321.3	318.5	314.3	307.3	297.8	286.6
-47.5°	287.8	289.5	290.0	289.1	290.0	289.5	287.8	285.1	279.7	271.5	261.7
-50°	264.3	265.5	265.6	264.7	265.6	265.5	264.3	262.4	258.2	250.1	240.8
-52.5°	244.7	245.6	246.1	246.4	246.1	245.6	244.7	243.2	239.9	232.3	224.2
-55°	228.1	229.2	229.9	230.1	229.9	229.2	228.1	226.6	224.5	217.2	209.2
-57.5°	214.0	215.0	215.6	215.8	215.6	215.0	214.0	212.7	210.9	204.0	196.2
-60°	199.4	200.6	201.3	201.6	201.3	200.6	199.4	197.8	195.8	189.7	182.5
-62.5°	180.0	180.5	181.0	181.2	181.0	180.5	180.0	178.9	177.3	172.6	166.1
-65°	161.0	162.1	162.7	162.9	162.7	162.1	161.0	159.4	157.3	153.1	147.2
-67.5°	140.3	141.8	143.3	144.6	143.3	141.8	140.3	138.5	136.3	132.7	127.7
-70°	121.7	123.5	124.1	124.2	124.1	123.5	121.7	119.6	117.2	114.0	109.7
-72.5°	103.6	105.3	106.7	107.9	106.7	105.3	103.6	101.6	99.5	96.7	93.0
-75°	85.4	87.0	87.4	87.5	87.4	87.0	85.4	83.7	81.7	79.3	76.0
-77.5°	67.4	68.8	69.1	69.2	69.1	68.8	67.4	65.8	64.1	62.2	59.7
-80°	49.8	50.6	51.8	52.9	51.8	50.6	49.8	48.9	47.9	46.8	45.1
-82.5°	34.3	34.5	34.6	34.6	34.6	34.5	34.3	34.0	33.6	33.1	31.6
-85°	21.7	22.3	22.4	22.4	22.4	22.3	21.7	21.1	20.4	19.7	18.9
-87.5°	10.1	10.2	10.2	10.2	10.2	10.2	10.1	10.0	10.0	9.8	9.2
-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: P626868 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-740-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°	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.5
62.5°	2.1	2.2	2.3	2.1	1.6	1.0	1.2	1.4	1.0	0.2	0.7
60°	7.7	4.9	6.9	7.6	6.7	4.8	4.9	4.6	3.8	3.0	2.0
57.5°	25.1	24.3	19.9	17.2	16.4	14.5	12.0	9.5	8.4	6.8	4.8
55°	34.6	33.2	30.8	27.5	23.8	22.8	20.7	17.8	14.9	11.6	9.4
52.5°	42.6	42.9	41.5	37.6	34.3	32.1	29.3	26.5	23.1	19.8	15.4
50°	60.8	58.5	56.3	54.0	48.8	43.7	40.2	36.4	31.4	27.7	24.0
47.5°	77.6	74.1	71.8	68.8	62.9	57.6	52.0	46.5	40.4	34.6	31.0
45°	92.0	87.0	82.5	78.8	73.7	67.6	62.6	56.6	49.5	42.8	36.5
42.5°	106.6	99.0	93.0	89.2	83.0	76.8	71.2	66.5	58.8	51.0	44.7
40°	126.1	110.8	105.1	103.7	97.8	87.8	83.1	78.0	69.8	59.6	53.4
37.5°	158.1	137.7	127.7	122.5	117.1	106.8	97.5	90.8	83.5	72.0	63.1
35°	203.5	179.6	157.7	146.5	140.1	126.1	113.9	104.7	96.0	85.1	73.5
32.5°	243.3	216.4	190.3	170.6	156.4	143.5	129.8	118.5	107.0	95.9	84.5
30°	301.4	256.4	220.5	192.7	174.6	158.4	144.0	130.3	117.3	105.5	94.1
27.5°	380.4	308.5	259.7	220.7	193.6	174.4	157.9	141.9	127.1	114.4	102.7
25°	496.6	381.6	308.7	256.0	216.7	192.1	173.3	154.7	137.5	123.0	113.1
22.5°	663.4	506.3	386.2	294.2	250.4	219.2	191.4	168.1	148.5	135.6	123.9
20°	950.7	677.8	500.2	382.1	301.4	251.3	213.3	185.9	165.9	149.3	134.7
17.5°	1441.8	998.9	647.6	492.1	377.1	299.3	244.5	208.2	183.0	163.1	145.7
15°	2043.6	1371.0	905.4	634.0	462.2	339.3	273.8	230.2	200.5	177.6	156.7
12.5°	2670.3	1725.0	1118.9	741.8	523.0	381.9	304.6	255.4	218.0	188.0	164.0
10°	3214.7	2088.8	1334.0	869.2	591.8	422.8	328.9	271.3	228.4	195.5	170.2
7.5°	3816.3	2460.8	1532.0	962.4	648.6	455.6	345.4	281.9	237.1	201.7	175.2
5°	4261.9	2744.8	1699.6	1047.5	691.3	480.7	358.2	289.5	243.8	206.7	179.3
2.5°	4561.0	2942.6	1804.7	1106.0	717.8	499.8	368.6	296.7	249.1	211.8	183.7
0°	4654.3	2962.4	1885.3	1142.2	735.0	517.1	376.7	303.4	252.5	215.8	187.3
-2.5°	4682.8	2996.3	1877.2	1150.1	740.9	526.4	380.1	304.6	255.1	217.3	187.8
-5°	4496.8	2908.5	1835.2	1142.0	736.5	526.3	385.8	306.8	256.7	217.9	187.4
-7.5°	4170.0	2718.8	1725.0	1090.3	715.1	517.9	389.9	309.7	258.0	219.4	188.8
-10°	3673.1	2414.4	1553.7	1003.5	679.6	501.7	386.1	308.1	257.1	219.1	189.1
-12.5°	3173.1	2073.4	1331.9	881.8	621.6	472.0	371.6	301.8	253.9	216.9	188.3
-15°	2538.3	1735.4	1167.4	798.5	569.3	440.0	353.2	292.0	248.4	212.9	186.1
-17.5°	2038.8	1407.8	956.2	684.8	518.9	411.8	339.0	283.9	242.0	208.8	183.3
-20°	1568.4	1108.8	809.6	602.5	467.1	377.2	319.6	272.1	234.7	204.5	180.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626868 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-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°	1181.9	898.0	671.9	517.9	418.7	350.4	300.2	259.0	225.7	198.5	176.9
-25°	918.3	716.2	562.0	457.5	376.1	320.9	282.2	248.6	218.6	192.4	172.6
-27.5°	726.3	581.6	482.4	401.3	341.7	300.8	267.6	237.7	211.0	187.9	168.3
-30°	588.1	494.2	417.7	356.9	314.4	280.2	253.5	228.6	203.9	182.0	163.6
-32.5°	481.7	424.0	366.5	322.9	287.6	261.4	239.7	218.7	195.1	176.0	158.7
-35°	412.5	370.5	329.7	294.9	265.1	245.2	225.9	206.2	187.0	169.2	153.1
-37.5°	364.3	330.0	299.3	271.2	249.1	230.4	213.3	196.0	178.5	162.3	147.4
-40°	326.7	297.6	273.4	252.0	234.3	218.2	202.8	186.7	171.2	154.9	141.2
-42.5°	296.1	273.1	252.1	235.7	220.6	207.0	193.4	179.3	164.2	148.7	134.2
-45°	270.8	252.7	235.1	220.6	207.7	196.2	185.8	171.8	157.0	141.5	126.7
-47.5°	249.6	234.6	219.9	206.4	195.8	185.8	175.8	163.5	147.9	133.3	120.7
-50°	230.7	218.7	206.2	193.8	184.5	175.4	164.8	151.9	138.4	126.4	114.6
-52.5°	215.5	204.7	193.9	183.4	174.4	164.8	153.4	142.2	130.7	119.5	108.6
-55°	200.2	191.4	182.7	174.1	165.6	155.6	145.1	134.0	122.8	112.3	101.2
-57.5°	188.1	180.0	172.2	164.4	156.7	146.9	136.3	125.5	113.9	103.2	92.8
-60°	175.3	168.3	160.5	153.0	145.7	137.0	125.5	114.3	103.6	93.5	83.4
-62.5°	159.4	152.5	145.8	138.5	130.8	122.2	111.7	101.4	92.2	83.4	74.3
-65°	141.0	134.7	128.2	121.0	113.0	104.2	95.2	87.7	80.5	73.1	65.1
-67.5°	122.2	116.5	109.8	102.6	95.8	88.7	82.2	75.7	69.1	62.2	55.0
-70°	105.3	100.7	95.3	89.0	82.5	75.8	69.7	63.6	57.4	51.7	46.2
-72.5°	89.1	84.9	79.9	74.2	68.4	62.8	57.7	52.8	47.9	43.2	38.3
-75°	72.5	69.0	65.1	60.5	55.8	51.1	46.9	42.9	38.8	34.6	30.5
-77.5°	57.2	54.6	51.8	48.1	44.4	40.8	37.1	33.5	30.2	27.1	24.2
-80°	43.3	41.3	39.1	36.2	33.3	30.3	27.5	25.1	22.8	20.7	18.7
-82.5°	30.1	28.5	26.9	24.9	22.8	20.8	18.8	17.3	15.9	14.5	13.1
-85°	18.1	17.3	16.4	15.2	14.1	13.0	12.0	11.2	10.3	9.5	8.6
-87.5°	8.6	8.0	7.3	7.2	7.0	6.8	6.6	6.0	5.4	4.9	4.3
-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: P626868 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-740-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	0.2	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.4	0.1
70°	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.3	0.7	0.8	0.6
67.5°	0.0	0.0	0.0	0.4	0.7	0.6	0.1	0.3	0.8	1.3	1.1
65°	0.7	0.5	0.0	0.5	1.0	1.3	1.0	0.6	0.9	1.3	1.7
62.5°	1.2	1.5	1.1	0.8	1.1	1.6	1.9	1.3	1.0	1.4	1.9
60°	1.3	1.8	2.0	1.6	1.4	1.7	2.0	1.8	1.4	1.5	1.9
57.5°	3.6	2.3	2.3	2.2	1.8	1.9	2.0	2.0	1.8	1.7	2.0
55°	6.7	4.9	3.4	2.7	2.3	2.0	2.1	2.0	2.0	1.8	2.0
52.5°	11.6	8.4	6.2	4.2	3.1	2.3	2.3	2.0	2.0	2.0	2.0
50°	18.5	13.3	9.7	7.0	4.4	3.4	2.6	2.3	2.0	2.0	2.0
47.5°	26.9	19.8	14.2	10.2	7.2	4.6	3.6	2.8	2.0	2.0	2.0
45°	33.2	27.6	19.7	14.3	10.1	6.9	4.9	3.4	2.5	2.1	2.0
42.5°	39.4	34.3	26.9	18.3	13.8	9.6	6.2	4.5	3.1	2.2	2.1
40°	47.4	41.0	33.7	25.0	18.0	12.2	8.5	5.8	3.8	2.6	2.2
37.5°	55.6	48.4	40.4	31.4	22.7	16.1	10.7	7.1	4.7	3.3	2.5
35°	64.7	56.1	47.1	37.5	28.2	20.2	13.0	8.7	6.0	4.1	2.7
32.5°	74.0	63.6	53.3	43.4	33.4	24.4	16.0	10.9	7.2	4.8	3.0
30°	83.0	70.9	59.1	49.1	38.4	28.9	19.9	13.2	8.4	5.7	3.4
27.5°	91.1	78.1	64.6	54.1	43.3	33.0	23.8	15.6	9.6	6.5	4.0
25°	99.6	85.4	71.0	58.7	48.0	37.3	27.4	18.3	11.3	7.5	4.7
22.5°	109.3	92.8	77.1	62.7	52.9	41.4	30.8	21.4	13.3	8.4	5.4
20°	119.7	100.1	83.2	68.5	57.5	45.6	34.3	24.3	15.4	9.3	6.0
17.5°	130.4	108.1	90.6	75.1	62.0	49.5	37.5	26.9	17.5	10.1	6.6
15°	137.6	116.1	97.3	81.3	66.6	53.2	40.6	29.2	19.6	10.9	7.3
12.5°	143.7	123.0	103.2	87.0	71.1	56.5	43.5	31.4	21.6	11.9	7.9
10°	149.1	128.9	108.3	92.2	75.4	59.5	46.2	33.3	23.4	13.2	8.4
7.5°	153.7	133.6	112.7	96.9	79.5	62.6	48.3	34.9	25.0	14.6	9.0
5°	157.5	137.8	116.4	100.0	83.4	65.8	50.2	36.4	26.4	15.9	9.4
2.5°	160.6	141.6	119.6	102.2	86.7	68.7	51.7	37.6	27.6	17.1	9.8
0°	162.9	144.6	122.2	103.8	89.6	71.3	52.9	38.7	28.5	18.3	10.2
-2.5°	164.4	145.1	125.0	105.7	91.3	73.4	55.4	40.0	29.3	19.3	10.8
-5°	165.0	145.0	127.1	107.2	92.5	75.1	57.5	41.1	29.9	20.2	11.4
-7.5°	165.9	145.7	128.2	108.4	93.4	76.4	59.1	41.9	30.3	21.0	11.9
-10°	166.3	146.3	128.5	109.8	94.0	77.3	60.1	42.4	30.6	21.5	12.3
-12.5°	165.8	146.3	128.4	110.6	94.3	77.9	60.6	43.2	30.9	21.8	12.7
-15°	164.4	145.4	128.1	110.7	94.3	78.1	60.8	43.9	31.6	21.9	13.0
-17.5°	162.4	143.7	127.6	110.0	93.9	78.0	60.6	44.3	31.9	21.8	13.3
-20°	160.4	142.2	127.0	108.5	93.2	77.6	60.1	44.2	31.9	21.5	13.6

Classified

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REPORT NUMBER: P626868 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-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°	157.8	140.7	124.7	107.1	92.2	76.8	59.3	43.7	31.5	21.0	13.7
-25°	154.4	138.6	122.1	105.9	90.9	75.4	58.3	42.7	30.7	20.3	13.8
-27.5°	151.1	135.6	119.4	104.3	89.1	73.7	57.0	41.8	29.7	19.5	13.8
-30°	147.2	132.2	117.0	102.2	86.6	71.2	55.1	40.4	28.6	19.1	13.6
-32.5°	142.9	128.9	114.3	98.9	83.5	68.5	52.8	38.5	27.3	18.9	13.4
-35°	138.7	125.1	111.1	94.8	80.2	65.5	50.3	36.0	25.9	18.5	13.3
-37.5°	133.7	120.4	105.8	90.4	76.6	62.2	48.1	34.6	24.3	17.9	13.0
-40°	127.9	114.7	99.9	86.3	72.9	58.8	45.6	33.4	23.2	17.2	12.7
-42.5°	121.5	108.3	95.0	82.1	68.9	55.9	43.1	31.8	22.7	16.7	12.4
-45°	114.9	102.5	90.5	77.8	65.0	52.9	41.0	30.0	22.1	16.2	12.0
-47.5°	108.7	97.6	85.6	73.1	61.5	49.8	38.5	28.9	21.1	15.7	11.6
-50°	103.5	92.2	80.2	68.4	57.5	46.7	36.0	27.4	20.3	15.1	11.1
-52.5°	97.5	86.1	74.4	63.2	53.1	43.2	33.8	25.6	19.2	14.4	10.5
-55°	90.3	79.0	67.8	58.0	48.6	39.8	31.2	23.8	17.8	13.5	9.8
-57.5°	82.0	71.0	61.8	52.9	44.1	36.1	28.4	21.5	16.5	12.5	9.0
-60°	73.4	64.5	56.1	47.4	39.3	32.0	25.1	19.3	15.2	11.4	8.1
-62.5°	65.8	57.7	49.4	41.4	34.3	27.7	21.8	17.6	13.7	10.3	7.2
-65°	57.2	49.6	42.2	35.6	29.3	23.7	19.5	15.7	12.2	9.0	6.3
-67.5°	48.0	41.9	35.6	29.7	25.0	20.9	17.2	13.7	10.5	7.6	5.8
-70°	40.6	34.8	29.7	25.5	21.6	18.0	14.6	11.5	8.7	6.8	5.2
-72.5°	33.5	29.0	25.0	21.4	18.1	14.9	12.0	9.5	7.6	6.0	4.6
-75°	26.7	23.5	20.3	17.2	14.4	11.8	9.9	8.0	6.4	5.1	4.0
-77.5°	21.4	18.5	15.7	13.4	11.7	9.9	8.1	6.4	5.3	4.4	3.5
-80°	16.5	14.5	12.7	11.2	9.6	8.0	6.6	5.4	4.6	3.7	2.9
-82.5°	11.8	10.8	9.8	9.0	7.7	6.6	5.5	4.6	3.8	3.1	2.2
-85°	8.1	7.5	7.1	6.7	5.8	5.1	4.2	3.4	2.7	2.1	1.5
-87.5°	4.1	3.9	3.7	3.5	3.0	2.5	2.1	1.7	1.4	1.0	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA2B-740-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	0.2	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
75°	0.1	0.2	0.0	0.0	0.0	0.3	0.0
72.5°	0.1	0.3	0.2	0.0	0.1	0.3	0.0
70°	0.2	0.5	0.4	0.0	0.1	0.4	0.0
67.5°	0.7	0.6	0.6	0.2	0.1	0.4	0.0
65°	1.2	0.9	0.8	0.4	0.2	0.5	0.0
62.5°	1.6	1.1	1.0	0.6	0.2	0.5	0.0
60°	2.0	1.4	1.3	0.8	0.3	0.6	0.0
57.5°	2.0	1.6	1.4	1.1	0.4	0.6	0.0
55°	2.0	1.8	1.5	1.3	0.6	0.7	0.0
52.5°	2.0	2.0	1.7	1.5	0.8	0.7	0.0
50°	2.0	2.0	1.8	1.7	0.9	0.8	0.0
47.5°	2.0	2.0	1.9	1.9	1.0	0.9	0.0
45°	2.0	2.0	1.9	1.9	1.2	0.9	0.0
42.5°	2.0	2.0	2.0	2.0	1.3	1.0	0.0
40°	2.0	2.0	2.0	2.0	1.4	1.0	0.0
37.5°	2.0	2.0	2.0	2.0	1.5	1.1	0.0
35°	2.0	2.0	2.0	2.0	1.6	1.2	0.0
32.5°	2.1	2.0	2.0	2.0	1.7	1.2	0.0
30°	2.3	2.0	2.0	2.0	1.7	1.3	0.0
27.5°	2.5	2.0	2.0	2.0	1.8	1.4	0.0
25°	2.8	2.0	2.0	2.0	1.8	1.4	0.0
22.5°	3.0	2.0	2.0	2.0	1.9	1.5	0.0
20°	3.3	2.2	2.0	2.0	1.9	1.6	0.0
17.5°	3.7	2.4	2.0	2.0	1.9	1.6	0.0
15°	4.1	2.6	2.0	2.0	2.0	1.7	0.0
12.5°	4.5	2.8	2.0	2.0	2.0	1.7	0.0
10°	4.8	3.1	2.0	2.0	2.0	1.8	0.0
7.5°	5.2	3.3	2.0	2.0	2.0	1.9	0.0
5°	5.5	3.6	2.0	2.0	2.0	1.9	0.0
2.5°	5.8	3.9	2.0	2.0	2.0	2.0	0.0
0°	6.1	4.1	2.0	2.0	2.0	2.0	0.0
-2.5°	6.6	4.3	2.2	2.0	2.0	2.0	0.0
-5°	7.1	4.5	2.4	2.0	2.0	2.0	0.0
-7.5°	7.6	4.7	2.5	2.0	2.0	2.0	0.0
-10°	8.0	4.8	2.7	2.0	2.0	2.0	0.0
-12.5°	8.3	5.0	2.8	2.0	2.0	2.0	0.0
-15°	8.6	5.1	2.9	2.0	2.0	1.9	0.0
-17.5°	8.8	5.2	3.0	2.0	2.0	1.9	0.0
-20°	8.9	5.2	3.1	2.0	2.0	1.9	0.0

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CATALOG NUMBER: GFLD-SA2B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	9.0	5.3	3.1	2.0	2.0	1.8	0.0
-25°	9.0	5.4	3.1	2.0	2.0	1.8	0.0
-27.5°	9.0	5.5	3.1	2.0	2.0	1.8	0.0
-30°	9.0	5.6	3.0	2.0	2.0	1.7	0.0
-32.5°	8.9	5.7	3.0	2.0	2.0	1.7	0.0
-35°	8.9	5.7	2.9	2.0	2.0	1.6	0.0
-37.5°	8.8	5.6	2.9	2.0	2.0	1.6	0.0
-40°	8.7	5.5	2.7	2.0	2.0	1.5	0.0
-42.5°	8.6	5.3	2.7	2.0	2.0	1.5	0.0
-45°	8.3	5.1	2.8	2.1	2.0	1.4	0.0
-47.5°	8.0	4.8	2.8	2.1	2.0	1.4	0.0
-50°	7.5	4.5	2.9	2.1	2.0	1.3	0.0
-52.5°	7.1	4.1	2.9	2.2	2.0	1.2	0.0
-55°	6.5	4.0	2.9	2.2	2.0	1.1	0.0
-57.5°	5.9	3.9	2.8	2.2	2.0	1.1	0.0
-60°	5.3	3.8	2.8	2.2	2.0	1.0	0.0
-62.5°	5.0	3.6	2.7	2.1	1.8	0.9	0.0
-65°	4.7	3.5	2.6	2.1	1.7	0.8	0.0
-67.5°	4.4	3.2	2.5	2.1	1.5	0.8	0.0
-70°	4.0	3.0	2.3	2.0	1.4	0.7	0.0
-72.5°	3.5	2.7	2.2	1.8	1.2	0.6	0.0
-75°	3.1	2.4	2.0	1.5	1.0	0.5	0.0
-77.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-80°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)