

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: P626718 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-727-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626718 (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-SA1D-727-U-NR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5809.7 lumens  
Efficiency: N/A  
Efficacy: 101.4 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 58891.4 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 1854.7 lumens  
Beam Efficiency: 31.9%

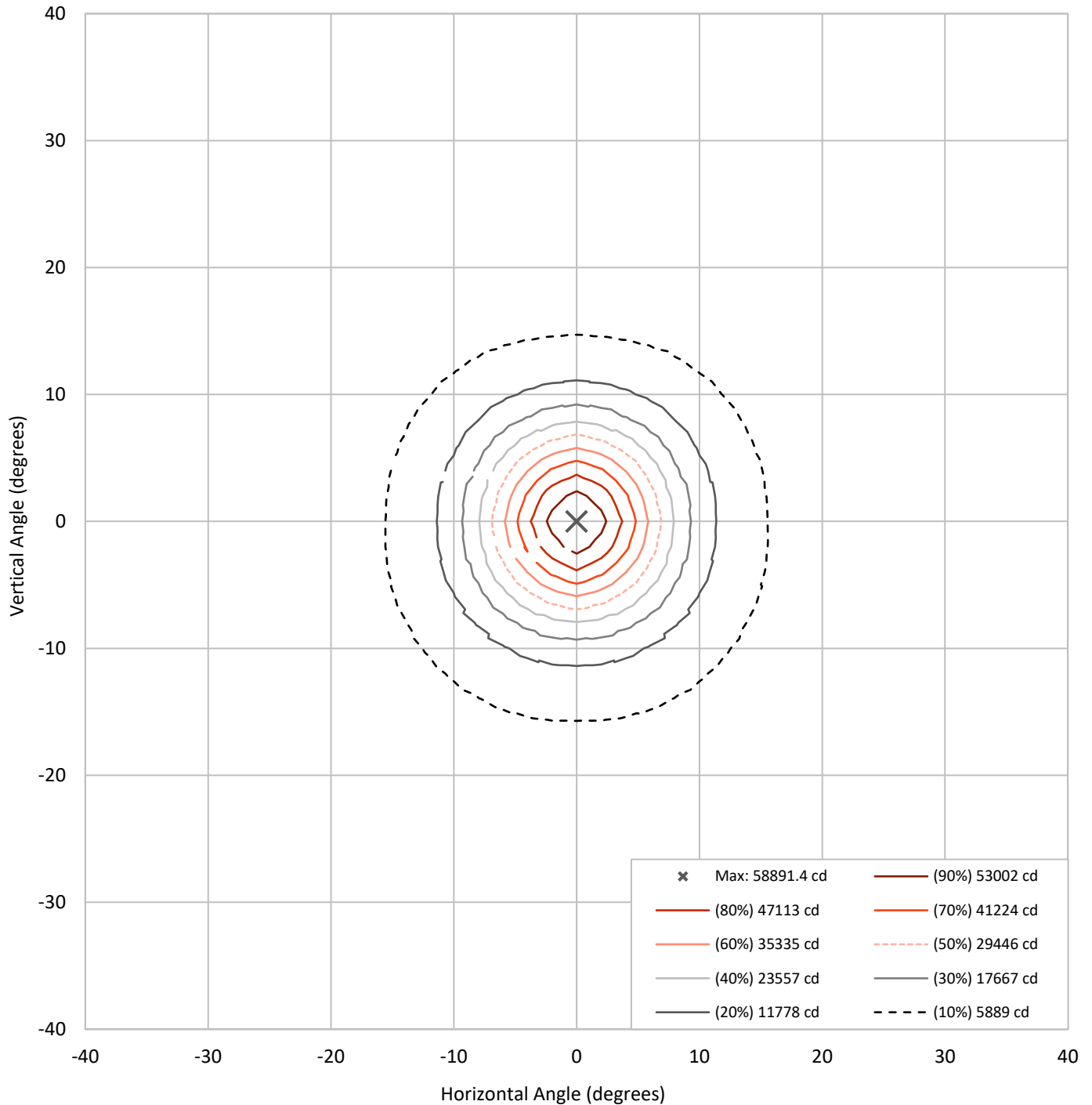
Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 4131.1 lumens  
Field Efficiency: 71.1%

Input Watts (W): 57.3  
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-SA1D-727-U-NR-VSR-XX

### Iso-Candela Plot





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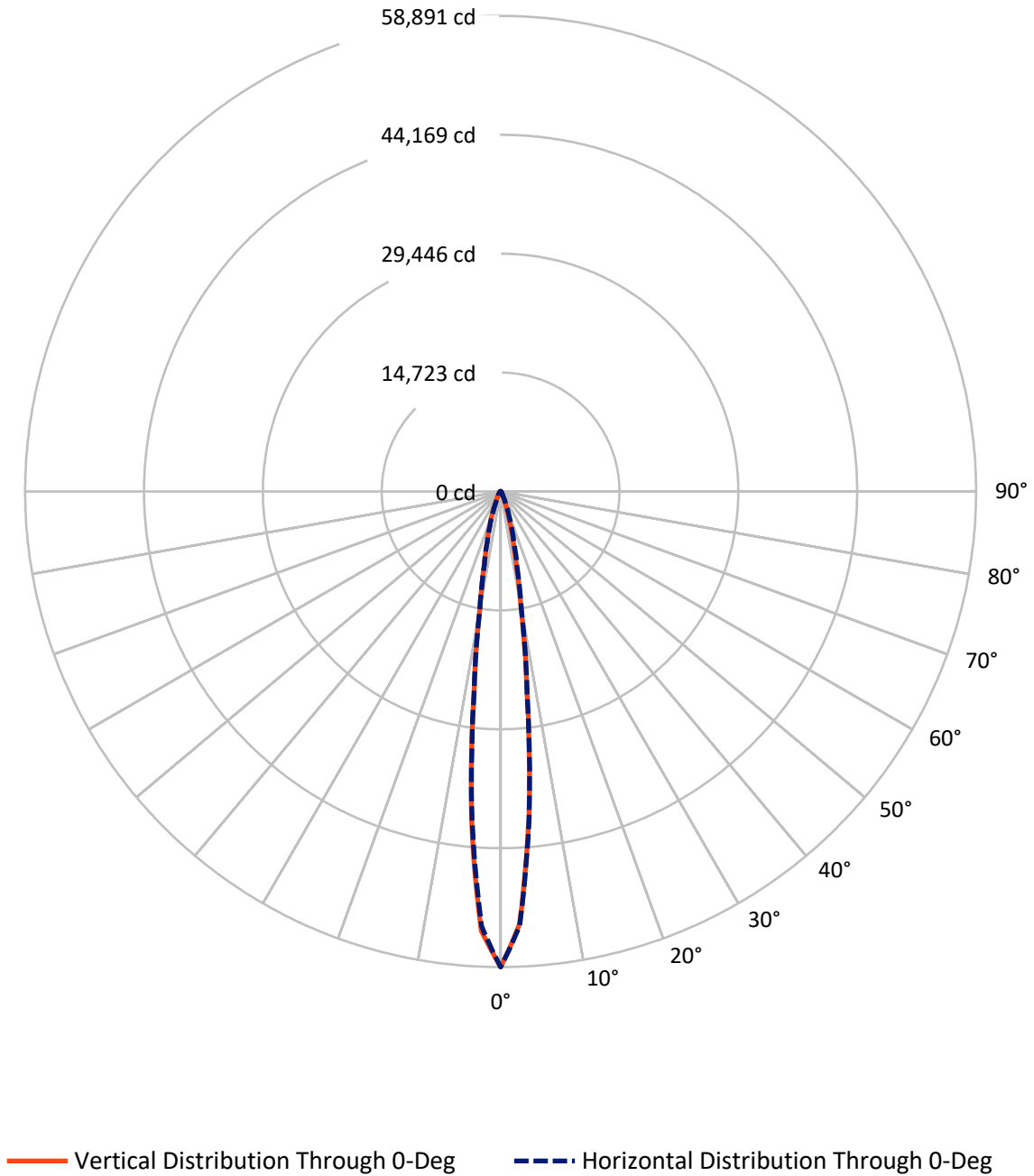
CATALOG NUMBER: GFLD-SA1D-727-U-NR-VSR-XX

### Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.1	0.3	0.5	0.7	0.8	0.8	0.7	0.5	0.3	0.1	0.0	0.0		
50	0.0	0.0	0.2	0.5	0.9	1.4	2.0	2.3	2.3	2.0	1.4	0.9	0.5	0.2	0.0	0.0	
40		0.1	0.4	1.0	1.8	2.8	4.7	6.0	6.0	4.7	2.8	1.8	1.0	0.4	0.1		
30	0.1	0.2	0.6	1.5	2.7	5.9	15.8	26.1	26.1	15.8	5.9	2.7	1.5	0.6	0.2	0.1	
20		0.2	0.9	2.1	4.5	17.7	74.5	163.7	163.7	74.5	17.7	4.5	2.1	0.9	0.2		
10	0.1	0.3	1.1	2.4	6.1	33.2	178.5	800.3	800.3	178.5	33.2	6.1	2.4	1.1	0.3	0.1	
0		0.4	1.2	2.6	6.6	35.3	184.7	813.9	813.9	184.7	35.3	6.6	2.6	1.2	0.4		
-10	0.1	0.4	1.2	2.5	5.8	22.5	89.7	191.8	191.8	89.7	22.5	5.8	2.5	1.2	0.4	0.1	
-20		0.4	1.1	2.3	4.4	10.5	27.6	46.0	46.0	27.6	10.5	4.4	2.3	1.1	0.4		
-30	0.1	0.3	1.0	2.0	3.5	5.8	9.4	11.9	11.9	9.4	5.8	3.5	2.0	1.0	0.3	0.1	
-40		0.3	0.8	1.7	2.8	4.0	5.4	6.0	6.0	5.4	4.0	2.8	1.7	0.8	0.3		
-50	0.1	0.2	0.6	1.3	2.2	3.1	3.9	4.3	4.3	3.9	3.1	2.2	1.3	0.6	0.2	0.1	
-60		0.1	0.4	0.9	1.5	2.2	2.7	3.0	3.0	2.7	2.2	1.5	0.9	0.4	0.1		
-70	0.0	0.3	1.5	3.2	4.1	3.2	1.5	0.3	0.0	0.0							
-80		0.3	1.5	3.2	4.1	3.2	1.5	0.3									
-90	0.0	0.3	1.5	3.2	4.1	3.2	1.5	0.3	0.0	0.3	1.5	3.2	4.1	3.2	1.5	0.3	0.0

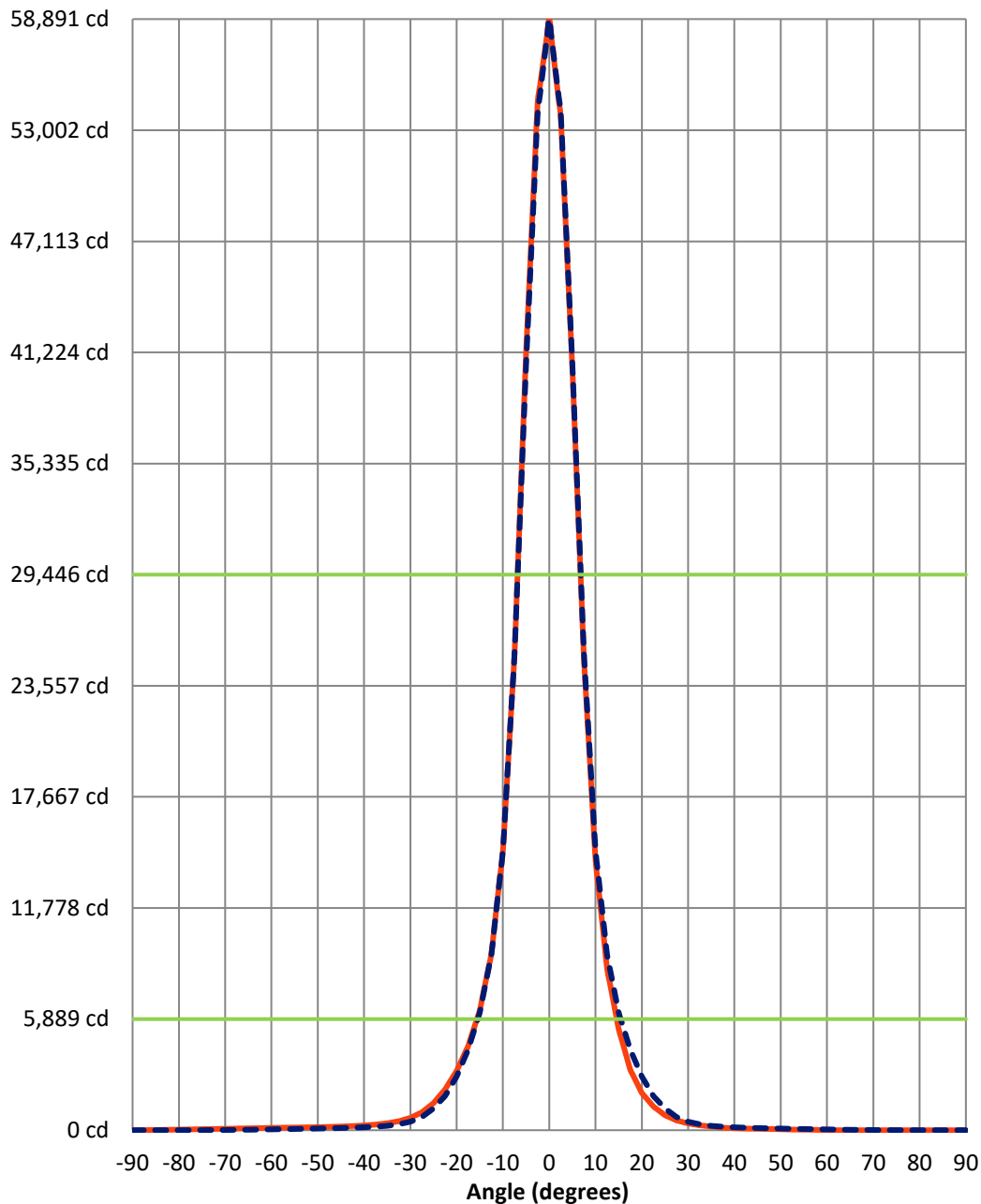
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CATALOG NUMBER: GFLD-SA1D-727-U-NR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 1854.7  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 4131.1  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 1678.6  
 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	0.1	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	0.0
72.5°	0.0	0.2	0.0	0.0	0.1	0.2	0.1	0.1	0.3	0.3	0.1
70°	0.0	0.2	0.0	0.0	0.2	0.3	0.1	0.4	0.5	0.4	0.2
67.5°	0.0	0.2	0.1	0.1	0.4	0.4	0.4	0.7	0.8	0.5	0.2
65°	0.0	0.3	0.1	0.3	0.5	0.5	0.7	1.0	0.8	0.5	0.4
62.5°	0.0	0.3	0.1	0.4	0.6	0.7	0.9	1.1	0.9	0.6	0.8
60°	0.0	0.3	0.2	0.5	0.8	0.8	1.2	1.2	0.9	0.9	1.1
57.5°	0.0	0.4	0.3	0.6	0.8	1.0	1.2	1.2	1.0	1.1	1.2
55°	0.0	0.4	0.4	0.8	0.9	1.1	1.2	1.2	1.1	1.2	1.2
52.5°	0.0	0.4	0.5	0.9	1.0	1.2	1.2	1.2	1.2	1.2	1.2
50°	0.0	0.5	0.5	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.4
47.5°	0.0	0.5	0.6	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.7
45°	0.0	0.5	0.7	1.2	1.2	1.2	1.2	1.2	1.2	1.5	2.0
42.5°	0.0	0.6	0.8	1.2	1.2	1.2	1.2	1.2	1.3	1.9	2.8
40°	0.0	0.6	0.8	1.2	1.2	1.2	1.2	1.4	1.6	2.3	3.6
37.5°	0.0	0.7	0.9	1.2	1.2	1.2	1.2	1.5	2.0	2.9	4.4
35°	0.0	0.7	1.0	1.2	1.2	1.2	1.2	1.6	2.5	3.7	5.4
32.5°	0.0	0.7	1.0	1.2	1.2	1.2	1.2	1.8	3.0	4.4	6.7
30°	0.0	0.8	1.0	1.2	1.2	1.2	1.4	2.1	3.5	5.2	8.1
27.5°	0.0	0.8	1.1	1.2	1.2	1.2	1.5	2.5	4.0	5.9	9.6
25°	0.0	0.9	1.1	1.2	1.2	1.2	1.7	2.9	4.6	6.9	11.2
22.5°	0.0	0.9	1.1	1.2	1.2	1.2	1.8	3.3	5.2	8.2	13.1
20°	0.0	0.9	1.2	1.2	1.2	1.3	2.0	3.7	5.7	9.5	14.9
17.5°	0.0	1.0	1.2	1.2	1.2	1.4	2.2	4.1	6.2	10.7	16.5
15°	0.0	1.0	1.2	1.2	1.2	1.6	2.5	4.5	6.7	12.0	17.9
12.5°	0.0	1.0	1.2	1.2	1.2	1.7	2.7	4.8	7.3	13.2	19.2
10°	0.0	1.1	1.2	1.2	1.2	1.9	2.9	5.2	8.1	14.4	20.4
7.5°	0.0	1.1	1.2	1.2	1.2	2.0	3.2	5.5	8.9	15.4	21.4
5°	0.0	1.1	1.2	1.2	1.2	2.2	3.4	5.8	9.7	16.2	22.3
2.5°	0.0	1.2	1.2	1.2	1.2	2.4	3.5	6.0	10.5	16.9	23.1
0°	0.0	1.2	1.2	1.2	1.2	2.5	3.7	6.2	11.2	17.5	23.7
-2.5°	0.0	1.2	1.2	1.2	1.3	2.6	4.0	6.6	11.8	17.9	24.5
-5°	0.0	1.2	1.2	1.2	1.4	2.7	4.3	6.9	12.4	18.3	25.1
-7.5°	0.0	1.2	1.2	1.2	1.5	2.8	4.6	7.2	12.9	18.5	25.6
-10°	0.0	1.2	1.2	1.2	1.6	2.9	4.9	7.5	13.2	18.7	25.9
-12.5°	0.0	1.2	1.2	1.2	1.7	3.0	5.1	7.7	13.4	18.9	26.4
-15°	0.0	1.2	1.2	1.2	1.8	3.1	5.2	7.9	13.5	19.3	26.9
-17.5°	0.0	1.1	1.2	1.2	1.8	3.1	5.3	8.1	13.4	19.5	27.1
-20°	0.0	1.1	1.2	1.2	1.9	3.2	5.4	8.3	13.2	19.5	27.0

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Scaled Data Report



REPORT NUMBER: P626718 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.1	1.2	1.2	1.9	3.2	5.5	8.4	12.9	19.3	26.7
-25°	0.0	1.1	1.2	1.2	1.9	3.3	5.5	8.4	12.5	18.9	26.1
-27.5°	0.0	1.1	1.2	1.2	1.9	3.4	5.5	8.4	12.0	18.2	25.6
-30°	0.0	1.0	1.2	1.2	1.8	3.4	5.5	8.3	11.7	17.5	24.7
-32.5°	0.0	1.0	1.2	1.2	1.8	3.5	5.4	8.2	11.6	16.8	23.6
-35°	0.0	1.0	1.2	1.2	1.8	3.5	5.4	8.1	11.3	15.9	22.1
-37.5°	0.0	1.0	1.2	1.2	1.7	3.4	5.4	7.9	11.0	14.9	21.2
-40°	0.0	0.9	1.2	1.2	1.7	3.3	5.3	7.7	10.6	14.3	20.5
-42.5°	0.0	0.9	1.2	1.2	1.6	3.2	5.2	7.5	10.2	13.9	19.5
-45°	0.0	0.8	1.2	1.2	1.7	3.1	5.0	7.3	9.9	13.5	18.4
-47.5°	0.0	0.8	1.2	1.3	1.7	2.9	4.8	7.0	9.6	12.9	17.7
-50°	0.0	0.8	1.2	1.3	1.7	2.7	4.6	6.7	9.2	12.4	16.8
-52.5°	0.0	0.7	1.2	1.3	1.7	2.5	4.3	6.4	8.7	11.7	15.6
-55°	0.0	0.7	1.2	1.3	1.7	2.4	4.0	5.9	8.2	10.9	14.5
-57.5°	0.0	0.6	1.2	1.3	1.7	2.4	3.6	5.5	7.6	10.1	13.2
-60°	0.0	0.6	1.2	1.3	1.7	2.3	3.2	4.9	7.0	9.3	11.8
-62.5°	0.0	0.6	1.1	1.3	1.6	2.2	3.0	4.4	6.2	8.4	10.7
-65°	0.0	0.5	1.0	1.3	1.6	2.1	2.9	3.8	5.5	7.4	9.6
-67.5°	0.0	0.5	0.9	1.2	1.5	2.0	2.6	3.5	4.6	6.4	8.4
-70°	0.0	0.4	0.8	1.2	1.4	1.8	2.4	3.2	4.1	5.3	7.0
-72.5°	0.0	0.4	0.7	1.1	1.3	1.6	2.2	2.8	3.6	4.6	5.8
-75°	0.0	0.3	0.6	0.9	1.2	1.5	1.9	2.5	3.1	3.9	4.8
-77.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.1	2.7	3.2	3.9
-80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.7	2.3	2.8	3.3
-82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.4	1.9	2.3	2.8
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.3	1.7	2.1
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.6	0.8	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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	0.3	0.4	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.6	0.8	0.6	0.3	0.0	0.3	0.4	0.3	0.0	0.0	0.0
62.5°	1.1	0.9	0.7	0.5	0.7	0.9	0.7	0.4	0.1	0.6	0.9
60°	1.2	1.0	0.8	1.0	1.2	1.1	0.8	1.2	1.8	2.3	2.8
57.5°	1.2	1.1	1.1	1.3	1.4	1.4	2.2	2.9	4.1	5.1	5.8
55°	1.2	1.2	1.4	1.7	2.1	2.9	4.0	5.7	7.0	9.1	10.9
52.5°	1.4	1.4	1.9	2.5	3.7	5.1	7.1	9.4	12.1	14.1	16.2
50°	1.6	2.1	2.7	4.3	5.9	8.1	11.3	14.7	17.0	19.2	22.2
47.5°	2.2	2.8	4.4	6.2	8.6	12.1	16.5	19.0	21.2	24.7	28.5
45°	3.0	4.2	6.1	8.7	12.1	16.9	20.4	22.3	26.2	30.3	34.6
42.5°	3.8	5.8	8.4	11.2	16.4	21.0	24.1	27.3	31.2	36.0	40.7
40°	5.2	7.4	11.0	15.2	20.6	25.1	29.0	32.7	36.5	42.8	47.7
37.5°	6.6	9.8	13.9	19.2	24.7	29.6	34.0	38.6	44.1	51.2	55.6
35°	7.9	12.3	17.3	22.9	28.9	34.4	39.6	45.0	52.1	58.8	64.1
32.5°	9.8	14.9	20.5	26.6	32.7	38.9	45.3	51.7	58.7	65.6	72.6
30°	12.1	17.7	23.5	30.1	36.2	43.4	50.8	57.6	64.6	71.8	79.8
27.5°	14.5	20.2	26.5	33.1	39.5	47.8	55.7	62.9	70.1	77.9	86.9
25°	16.7	22.8	29.4	35.9	43.4	52.3	61.0	69.3	75.4	84.2	94.8
22.5°	18.9	25.3	32.4	38.4	47.2	56.8	66.9	75.8	83.0	91.0	102.9
20°	21.0	27.9	35.2	41.9	50.9	61.3	73.3	82.5	91.4	101.6	113.8
17.5°	23.0	30.3	38.0	46.0	55.5	66.2	79.9	89.2	99.9	112.1	127.4
15°	24.9	32.5	40.8	49.8	59.6	71.1	84.3	95.9	108.7	122.8	140.9
12.5°	26.6	34.6	43.5	53.2	63.2	75.4	88.0	100.4	115.1	133.5	156.3
10°	28.2	36.4	46.2	56.4	66.3	78.9	91.2	104.2	119.7	139.9	166.1
7.5°	29.6	38.3	48.7	59.3	69.0	81.9	94.1	107.3	123.5	145.1	172.6
5°	30.7	40.2	51.1	61.2	71.3	84.4	96.4	109.7	126.6	149.3	177.2
2.5°	31.7	42.0	53.1	62.6	73.2	86.7	98.3	112.5	129.7	152.5	181.6
0°	32.4	43.6	54.8	63.6	74.8	88.5	99.7	114.7	132.1	154.6	185.7
-2.5°	33.9	44.9	55.9	64.8	76.5	88.8	100.6	115.0	133.0	156.2	186.5
-5°	35.2	46.0	56.6	65.7	77.8	88.8	101.0	114.7	133.4	157.1	187.8
-7.5°	36.1	46.8	57.2	66.3	78.5	89.2	101.6	115.6	134.3	158.0	189.6
-10°	36.8	47.3	57.6	67.2	78.7	89.6	101.8	115.8	134.2	157.4	188.6
-12.5°	37.1	47.7	57.8	67.7	78.6	89.6	101.5	115.3	132.8	155.4	184.8
-15°	37.2	47.8	57.7	67.8	78.4	89.1	100.7	113.9	130.3	152.1	178.7
-17.5°	37.1	47.8	57.5	67.4	78.1	88.0	99.5	112.2	127.8	148.2	173.9
-20°	36.8	47.5	57.1	66.5	77.7	87.1	98.2	110.5	125.2	143.7	166.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626718 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	36.3	47.1	56.5	65.6	76.3	86.2	96.6	108.3	121.5	138.2	158.6
-25°	35.7	46.2	55.7	64.9	74.8	84.8	94.6	105.7	117.8	133.9	152.2
-27.5°	34.9	45.1	54.6	63.9	73.1	83.0	92.5	103.0	115.0	129.2	145.6
-30°	33.7	43.6	53.1	62.6	71.6	80.9	90.1	100.1	111.4	124.8	139.9
-32.5°	32.3	41.9	51.2	60.6	70.0	78.9	87.6	97.2	107.7	119.5	133.8
-35°	30.8	40.1	49.1	58.1	68.0	76.6	84.9	93.8	103.6	114.5	126.2
-37.5°	29.4	38.1	46.9	55.4	64.8	73.7	81.8	90.2	99.3	109.3	119.9
-40°	27.9	36.0	44.6	52.9	61.1	70.2	78.3	86.5	94.8	104.8	114.3
-42.5°	26.4	34.2	42.2	50.3	58.2	66.3	74.4	82.2	91.1	100.5	109.8
-45°	25.1	32.4	39.7	47.6	55.4	62.8	70.4	77.6	86.7	96.1	105.2
-47.5°	23.6	30.5	37.7	44.8	52.4	59.8	66.6	73.9	81.6	90.6	100.1
-50°	22.0	28.6	35.2	41.9	49.1	56.5	63.4	70.2	77.4	84.8	93.0
-52.5°	20.7	26.4	32.6	38.7	45.5	52.7	59.7	66.5	73.2	80.1	87.1
-55°	19.1	24.3	29.8	35.5	41.5	48.4	55.3	62.0	68.8	75.2	82.1
-57.5°	17.3	22.0	27.0	32.4	37.9	43.5	50.2	56.8	63.2	69.7	76.8
-60°	15.3	19.5	24.0	29.0	34.3	39.5	45.0	51.1	57.3	63.4	70.0
-62.5°	13.3	17.0	21.0	25.3	30.2	35.3	40.3	45.5	51.1	56.4	62.1
-65°	12.0	14.5	17.9	21.8	25.8	30.3	35.0	39.9	44.8	49.3	53.7
-67.5°	10.5	12.8	15.3	18.2	21.8	25.6	29.4	33.7	38.1	42.3	46.4
-70°	9.0	11.0	13.2	15.6	18.2	21.3	24.8	28.3	31.7	35.2	39.0
-72.5°	7.3	9.1	11.0	13.1	15.3	17.8	20.5	23.4	26.4	29.3	32.3
-75°	6.0	7.2	8.8	10.5	12.4	14.4	16.4	18.7	21.2	23.7	26.2
-77.5°	4.9	6.0	7.1	8.2	9.5	11.3	13.1	14.8	16.6	18.5	20.5
-80°	4.0	4.8	5.8	6.8	7.8	8.8	10.1	11.5	12.7	14.0	15.4
-82.5°	3.3	4.0	4.7	5.4	6.0	6.6	7.2	8.1	8.9	9.7	10.6
-85°	2.6	3.1	3.5	4.1	4.3	4.6	4.9	5.3	5.8	6.3	6.8
-87.5°	1.3	1.5	1.8	2.1	2.3	2.4	2.5	2.6	3.0	3.3	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.1	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	0.7	0.6	1.0	1.3	1.4	1.3	1.2	1.1	0.9	0.9	1.0
60°	3.0	2.9	4.1	4.7	4.2	3.0	4.7	5.5	5.3	4.5	4.5
57.5°	7.3	8.9	10.1	10.6	12.2	14.9	15.4	14.5	14.2	14.4	16.7
55°	12.7	14.0	14.7	16.9	18.9	20.3	21.2	22.1	23.3	24.9	26.5
52.5°	17.9	19.7	21.0	23.0	25.4	26.3	26.1	29.1	31.5	33.1	33.7
50°	24.6	26.8	29.9	33.1	34.5	35.8	37.2	39.7	43.4	48.0	50.7
47.5°	31.8	35.3	38.5	42.2	44.0	45.4	47.5	52.0	57.2	62.2	64.7
45°	38.3	41.4	45.1	48.2	50.5	53.3	56.3	60.3	66.2	71.4	74.9
42.5°	43.5	47.0	50.8	54.6	56.9	60.6	65.3	70.7	76.8	82.2	86.2
40°	50.9	53.8	59.9	63.5	64.4	67.9	77.2	84.6	91.5	98.1	101.4
37.5°	59.7	65.4	71.7	75.0	78.2	84.4	96.8	108.8	117.6	126.6	131.5
35°	69.7	77.2	85.9	89.7	96.6	109.9	124.6	141.2	162.0	170.7	178.6
32.5°	79.5	87.9	95.8	104.5	116.5	132.4	148.9	176.0	201.2	220.7	235.0
30°	88.2	97.0	106.9	118.0	135.0	157.0	184.6	219.5	255.0	286.1	312.3
27.5°	96.7	106.8	118.5	135.1	159.0	188.9	232.9	282.7	342.1	385.8	438.0
25°	106.1	117.6	132.7	156.8	189.0	233.6	304.0	384.9	482.2	561.1	643.7
22.5°	117.2	134.2	153.3	180.2	236.4	310.0	406.1	544.5	694.2	832.5	965.7
20°	130.5	153.8	184.5	234.0	306.2	415.0	582.1	802.8	1022.9	1257.2	1482.9
17.5°	149.7	183.2	230.9	301.3	396.6	611.6	882.7	1224.1	1662.8	2060.3	2407.3
15°	167.6	207.7	283.0	388.2	554.3	839.4	1251.2	1814.7	2498.3	3121.3	3779.3
12.5°	186.5	233.8	320.2	454.2	685.0	1056.2	1634.9	2407.0	3263.0	4201.9	5271.4
10°	201.4	258.9	362.4	532.2	816.7	1278.9	1968.3	2904.6	4042.1	5431.7	7141.4
7.5°	211.5	278.9	397.1	589.3	938.0	1506.7	2336.5	3462.0	4884.1	6725.0	9117.3
5°	219.3	294.2	423.3	641.3	1040.5	1680.5	2609.4	3950.2	5632.4	8098.8	12153.1
2.5°	225.6	306.0	439.5	677.2	1104.9	1801.6	2792.4	4226.3	6077.8	9114.6	14374.5
0°	230.6	316.6	450.0	699.3	1154.3	1813.7	2849.6	4276.9	6237.7	9297.9	14852.5
-2.5°	232.7	322.3	453.6	704.1	1149.4	1834.5	2867.0	4317.2	6231.7	9197.5	14318.6
-5°	236.2	322.2	450.9	699.2	1123.6	1780.8	2753.2	4091.4	5855.7	8406.4	12602.1
-7.5°	238.7	317.1	437.8	667.5	1056.1	1664.6	2553.1	3717.1	5171.5	7108.2	9706.7
-10°	236.4	307.2	416.1	614.4	951.3	1478.2	2248.8	3223.0	4431.7	5867.0	7632.5
-12.5°	227.5	289.0	380.6	540.0	815.4	1269.4	1942.8	2772.2	3666.8	4674.8	5894.7
-15°	216.3	269.4	348.6	488.9	714.7	1062.5	1554.1	2226.9	2944.6	3709.9	4526.0
-17.5°	207.5	252.1	317.7	419.3	585.4	861.9	1248.2	1726.2	2253.6	2836.3	3319.9
-20°	195.7	230.9	285.9	368.9	495.7	678.8	960.2	1307.5	1655.5	2065.2	2399.3

Classified

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Peachtree City, GA 30269

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REPORT NUMBER: P626718 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	183.8	214.5	256.4	317.1	411.4	549.8	723.6	955.5	1210.0	1445.2	1676.6
-25°	172.8	196.4	230.3	280.1	344.1	438.5	562.3	695.3	863.0	1006.1	1165.0
-27.5°	163.9	184.2	209.1	245.7	295.3	356.1	444.7	533.8	622.0	694.3	803.6
-30°	155.2	171.6	192.5	218.5	255.7	302.5	360.1	417.9	468.8	515.2	572.2
-32.5°	146.7	160.1	176.1	197.7	224.4	259.6	294.9	336.4	371.8	404.4	434.6
-35°	138.3	150.1	162.3	180.5	201.8	226.9	252.6	280.6	305.1	327.1	346.6
-37.5°	130.6	141.0	152.5	166.1	183.2	202.0	223.0	243.4	259.6	273.9	285.7
-40°	124.1	133.6	143.5	154.3	167.4	182.2	200.0	217.0	228.4	237.1	244.2
-42.5°	118.4	126.7	135.1	144.3	154.4	167.2	181.3	195.3	203.0	209.7	214.9
-45°	113.8	120.1	127.2	135.0	143.9	154.7	165.8	175.5	182.3	188.1	192.4
-47.5°	107.6	113.8	119.9	126.4	134.7	143.6	152.8	160.2	166.2	171.2	174.6
-50°	100.9	107.4	112.9	118.6	126.3	133.9	141.3	147.4	153.1	158.1	160.6
-52.5°	93.9	100.9	106.7	112.3	118.7	125.3	131.9	137.2	142.2	146.9	148.9
-55°	88.9	95.3	101.3	106.6	111.9	117.2	122.6	128.0	133.0	137.4	138.8
-57.5°	83.4	89.9	95.9	100.7	105.4	110.2	115.2	120.1	124.9	129.1	130.2
-60°	76.8	83.9	89.2	93.6	98.3	103.0	107.4	111.7	116.2	119.9	121.1
-62.5°	68.4	74.8	80.1	84.8	89.2	93.3	97.5	101.7	105.7	108.6	109.5
-65°	58.3	63.8	69.2	74.1	78.5	82.5	86.3	90.1	93.7	96.3	97.6
-67.5°	50.3	54.3	58.6	62.8	67.3	71.4	74.8	78.1	81.2	83.4	84.8
-70°	42.6	46.4	50.5	54.5	58.3	61.6	64.4	67.2	69.8	71.7	73.2
-72.5°	35.3	38.4	41.9	45.4	48.9	51.9	54.5	56.9	59.2	60.9	62.2
-75°	28.7	31.3	34.1	37.0	39.8	42.2	44.4	46.5	48.5	50.0	51.2
-77.5°	22.7	24.9	27.2	29.4	31.7	33.4	35.0	36.5	38.0	39.2	40.3
-80°	16.9	18.6	20.4	22.2	24.0	25.3	26.5	27.6	28.6	29.3	30.0
-82.5°	11.5	12.7	14.0	15.3	16.5	17.5	18.4	19.4	20.3	20.6	20.8
-85°	7.3	8.0	8.6	9.3	10.0	10.6	11.1	11.6	12.1	12.5	12.9
-87.5°	4.1	4.2	4.3	4.4	4.5	4.9	5.3	5.6	6.0	6.1	6.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.9	1.1
60°	4.2	3.8	3.7	3.7	3.7	3.8	4.2	4.5	4.5	5.3	5.5
57.5°	18.9	21.1	21.7	21.2	21.7	21.1	18.9	16.7	14.4	14.2	14.5
55°	27.6	28.3	28.6	28.7	28.6	28.3	27.6	26.5	24.9	23.3	22.1
52.5°	33.9	33.7	33.6	33.7	33.6	33.7	33.9	33.7	33.1	31.5	29.1
50°	50.9	50.0	49.6	49.9	49.6	50.0	50.9	50.7	48.0	43.4	39.7
47.5°	65.0	65.3	65.8	66.1	65.8	65.3	65.0	64.7	62.2	57.2	52.0
45°	75.9	76.6	77.1	77.3	77.1	76.6	75.9	74.9	71.4	66.2	60.3
42.5°	87.1	87.2	87.1	87.3	87.1	87.2	87.1	86.2	82.2	76.8	70.7
40°	102.8	103.1	102.8	102.2	102.8	103.1	102.8	101.4	98.1	91.5	84.6
37.5°	134.3	134.8	133.3	132.1	133.3	134.8	134.3	131.5	126.6	117.6	108.8
35°	185.8	191.1	193.6	194.5	193.6	191.1	185.8	178.6	170.7	162.0	141.2
32.5°	244.9	252.3	256.0	259.3	256.0	252.3	244.9	235.0	220.7	201.2	176.0
30°	329.5	343.2	349.2	357.8	349.2	343.2	329.5	312.3	286.1	255.0	219.5
27.5°	467.6	491.6	505.0	517.3	505.0	491.6	467.6	438.0	385.8	342.1	282.7
25°	703.6	750.0	779.9	794.0	779.9	750.0	703.6	643.7	561.1	482.2	384.9
22.5°	1094.6	1180.0	1245.8	1259.0	1245.8	1180.0	1094.6	965.7	832.5	694.2	544.5
20°	1701.8	1823.9	1923.2	1973.3	1923.2	1823.9	1701.8	1482.9	1257.2	1022.9	802.8
17.5°	2820.7	3074.7	3190.8	3209.8	3190.8	3074.7	2820.7	2407.3	2060.3	1662.8	1224.1
15°	4485.4	4915.2	5188.1	5363.8	5188.1	4915.2	4485.4	3779.3	3121.3	2498.3	1814.7
12.5°	6384.8	7606.2	8301.2	8566.2	8301.2	7606.2	6384.8	5271.4	4201.9	3263.0	2407.0
10°	8962.6	11838.1	13496.8	14331.4	13496.8	11838.1	8962.6	7141.4	5431.7	4042.1	2904.6
7.5°	13337.8	17779.0	22699.7	24976.2	22699.7	17779.0	13337.8	9117.3	6725.0	4884.1	3462.0
5°	17937.2	27688.3	36247.0	40345.4	36247.0	27688.3	17937.2	12153.1	8098.8	5632.4	3950.2
2.5°	23223.4	36373.8	48532.3	53644.7	48532.3	36373.8	23223.4	14374.5	9114.6	6077.8	4226.3
0°	25258.0	40576.0	53873.4	58891.4	53873.4	40576.0	25258.0	14852.5	9297.9	6237.7	4276.9
-2.5°	23538.0	37010.9	48741.2	54474.9	48741.2	37010.9	23538.0	14318.6	9197.5	6231.7	4317.2
-5°	18702.1	27840.9	36528.4	41200.5	36528.4	27840.9	18702.1	12602.1	8406.4	5855.7	4091.4
-7.5°	13726.2	18701.3	23526.0	25213.1	23526.0	18701.3	13726.2	9706.7	7108.2	5171.5	3717.1
-10°	9556.5	12405.3	14285.9	14822.6	14285.9	12405.3	9556.5	7632.5	5867.0	4431.7	3223.0
-12.5°	7085.1	8331.3	9198.3	9349.0	9198.3	8331.3	7085.1	5894.7	4674.8	3666.8	2772.2
-15°	5246.4	5880.1	6327.2	6357.3	6327.2	5880.1	5246.4	4526.0	3709.9	2944.6	2226.9
-17.5°	3835.1	4260.5	4486.2	4470.1	4486.2	4260.5	3835.1	3319.9	2836.3	2253.6	1726.2
-20°	2742.3	2998.7	3180.6	3145.0	3180.6	2998.7	2742.3	2399.3	2065.2	1655.5	1307.5



REPORT NUMBER: P626718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1912.1	2082.3	2188.9	2161.5	2188.9	2082.3	1912.1	1676.6	1445.2	1210.0	955.5
-25°	1299.3	1392.0	1444.8	1436.0	1444.8	1392.0	1299.3	1165.0	1006.1	863.0	695.3
-27.5°	885.4	934.4	950.7	949.9	950.7	934.4	885.4	803.6	694.3	622.0	533.8
-30°	614.5	647.5	666.2	654.4	666.2	647.5	614.5	572.2	515.2	468.8	417.9
-32.5°	458.0	476.6	487.3	476.2	487.3	476.6	458.0	434.6	404.4	371.8	336.4
-35°	361.0	370.4	374.1	367.7	374.1	370.4	361.0	346.6	327.1	305.1	280.6
-37.5°	294.3	299.8	301.7	297.9	301.7	299.8	294.3	285.7	273.9	259.6	243.4
-40°	249.3	252.7	253.5	250.6	253.5	252.7	249.3	244.2	237.1	228.4	217.0
-42.5°	218.2	220.2	220.7	219.4	220.7	220.2	218.2	214.9	209.7	203.0	195.3
-45°	195.0	196.7	197.0	195.7	197.0	196.7	195.0	192.4	188.1	182.3	175.5
-47.5°	176.2	177.3	177.6	177.0	177.6	177.3	176.2	174.6	171.2	166.2	160.2
-50°	161.8	162.6	162.6	162.0	162.6	162.6	161.8	160.6	158.1	153.1	147.4
-52.5°	149.8	150.3	150.6	150.8	150.6	150.3	149.8	148.9	146.9	142.2	137.2
-55°	139.7	140.4	140.8	140.9	140.8	140.4	139.7	138.8	137.4	133.0	128.0
-57.5°	131.0	131.6	132.0	132.1	132.0	131.6	131.0	130.2	129.1	124.9	120.1
-60°	122.0	122.8	123.2	123.4	123.2	122.8	122.0	121.1	119.9	116.2	111.7
-62.5°	110.2	110.5	110.8	110.9	110.8	110.5	110.2	109.5	108.6	105.7	101.7
-65°	98.5	99.2	99.6	99.7	99.6	99.2	98.5	97.6	96.3	93.7	90.1
-67.5°	85.9	86.8	87.7	88.5	87.7	86.8	85.9	84.8	83.4	81.2	78.1
-70°	74.5	75.6	75.9	76.0	75.9	75.6	74.5	73.2	71.7	69.8	67.2
-72.5°	63.4	64.4	65.3	66.1	65.3	64.4	63.4	62.2	60.9	59.2	56.9
-75°	52.3	53.3	53.5	53.6	53.5	53.3	52.3	51.2	50.0	48.5	46.5
-77.5°	41.3	42.2	42.3	42.4	42.3	42.2	41.3	40.3	39.2	38.0	36.5
-80°	30.5	31.0	31.8	32.4	31.8	31.0	30.5	30.0	29.3	28.6	27.6
-82.5°	21.0	21.1	21.2	21.2	21.2	21.1	21.0	20.8	20.6	20.3	19.4
-85°	13.3	13.6	13.7	13.7	13.7	13.6	13.3	12.9	12.5	12.1	11.6
-87.5°	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	5.6
-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: P626718 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
65°	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3
62.5°	1.2	1.3	1.4	1.3	1.0	0.6	0.7	0.9	0.6	0.1	0.4
60°	4.7	3.0	4.2	4.7	4.1	2.9	3.0	2.8	2.3	1.8	1.2
57.5°	15.4	14.9	12.2	10.6	10.1	8.9	7.3	5.8	5.1	4.1	2.9
55°	21.2	20.3	18.9	16.9	14.7	14.0	12.7	10.9	9.1	7.0	5.7
52.5°	26.1	26.3	25.4	23.0	21.0	19.7	17.9	16.2	14.1	12.1	9.4
50°	37.2	35.8	34.5	33.1	29.9	26.8	24.6	22.2	19.2	17.0	14.7
47.5°	47.5	45.4	44.0	42.2	38.5	35.3	31.8	28.5	24.7	21.2	19.0
45°	56.3	53.3	50.5	48.2	45.1	41.4	38.3	34.6	30.3	26.2	22.3
42.5°	65.3	60.6	56.9	54.6	50.8	47.0	43.5	40.7	36.0	31.2	27.3
40°	77.2	67.9	64.4	63.5	59.9	53.8	50.9	47.7	42.8	36.5	32.7
37.5°	96.8	84.4	78.2	75.0	71.7	65.4	59.7	55.6	51.2	44.1	38.6
35°	124.6	109.9	96.6	89.7	85.9	77.2	69.7	64.1	58.8	52.1	45.0
32.5°	148.9	132.4	116.5	104.5	95.8	87.9	79.5	72.6	65.6	58.7	51.7
30°	184.6	157.0	135.0	118.0	106.9	97.0	88.2	79.8	71.8	64.6	57.6
27.5°	232.9	188.9	159.0	135.1	118.5	106.8	96.7	86.9	77.9	70.1	62.9
25°	304.0	233.6	189.0	156.8	132.7	117.6	106.1	94.8	84.2	75.4	69.3
22.5°	406.1	310.0	236.4	180.2	153.3	134.2	117.2	102.9	91.0	83.0	75.8
20°	582.1	415.0	306.2	234.0	184.5	153.8	130.5	113.8	101.6	91.4	82.5
17.5°	882.7	611.6	396.6	301.3	230.9	183.2	149.7	127.4	112.1	99.9	89.2
15°	1251.2	839.4	554.3	388.2	283.0	207.7	167.6	140.9	122.8	108.7	95.9
12.5°	1634.9	1056.2	685.0	454.2	320.2	233.8	186.5	156.3	133.5	115.1	100.4
10°	1968.3	1278.9	816.7	532.2	362.4	258.9	201.4	166.1	139.9	119.7	104.2
7.5°	2336.5	1506.7	938.0	589.3	397.1	278.9	211.5	172.6	145.1	123.5	107.3
5°	2609.4	1680.5	1040.5	641.3	423.3	294.2	219.3	177.2	149.3	126.6	109.7
2.5°	2792.4	1801.6	1104.9	677.2	439.5	306.0	225.6	181.6	152.5	129.7	112.5
0°	2849.6	1813.7	1154.3	699.3	450.0	316.6	230.6	185.7	154.6	132.1	114.7
-2.5°	2867.0	1834.5	1149.4	704.1	453.6	322.3	232.7	186.5	156.2	133.0	115.0
-5°	2753.2	1780.8	1123.6	699.2	450.9	322.2	236.2	187.8	157.1	133.4	114.7
-7.5°	2553.1	1664.6	1056.1	667.5	437.8	317.1	238.7	189.6	158.0	134.3	115.6
-10°	2248.8	1478.2	951.3	614.4	416.1	307.2	236.4	188.6	157.4	134.2	115.8
-12.5°	1942.8	1269.4	815.4	540.0	380.6	289.0	227.5	184.8	155.4	132.8	115.3
-15°	1554.1	1062.5	714.7	488.9	348.6	269.4	216.3	178.7	152.1	130.3	113.9
-17.5°	1248.2	861.9	585.4	419.3	317.7	252.1	207.5	173.9	148.2	127.8	112.2
-20°	960.2	678.8	495.7	368.9	285.9	230.9	195.7	166.6	143.7	125.2	110.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626718 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	723.6	549.8	411.4	317.1	256.4	214.5	183.8	158.6	138.2	121.5	108.3
-25°	562.3	438.5	344.1	280.1	230.3	196.4	172.8	152.2	133.9	117.8	105.7
-27.5°	444.7	356.1	295.3	245.7	209.1	184.2	163.9	145.6	129.2	115.0	103.0
-30°	360.1	302.5	255.7	218.5	192.5	171.6	155.2	139.9	124.8	111.4	100.1
-32.5°	294.9	259.6	224.4	197.7	176.1	160.1	146.7	133.8	119.5	107.7	97.2
-35°	252.6	226.9	201.8	180.5	162.3	150.1	138.3	126.2	114.5	103.6	93.8
-37.5°	223.0	202.0	183.2	166.1	152.5	141.0	130.6	119.9	109.3	99.3	90.2
-40°	200.0	182.2	167.4	154.3	143.5	133.6	124.1	114.3	104.8	94.8	86.5
-42.5°	181.3	167.2	154.4	144.3	135.1	126.7	118.4	109.8	100.5	91.1	82.2
-45°	165.8	154.7	143.9	135.0	127.2	120.1	113.8	105.2	96.1	86.7	77.6
-47.5°	152.8	143.6	134.7	126.4	119.9	113.8	107.6	100.1	90.6	81.6	73.9
-50°	141.3	133.9	126.3	118.6	112.9	107.4	100.9	93.0	84.8	77.4	70.2
-52.5°	131.9	125.3	118.7	112.3	106.7	100.9	93.9	87.1	80.1	73.2	66.5
-55°	122.6	117.2	111.9	106.6	101.3	95.3	88.9	82.1	75.2	68.8	62.0
-57.5°	115.2	110.2	105.4	100.7	95.9	89.9	83.4	76.8	69.7	63.2	56.8
-60°	107.4	103.0	98.3	93.6	89.2	83.9	76.8	70.0	63.4	57.3	51.1
-62.5°	97.5	93.3	89.2	84.8	80.1	74.8	68.4	62.1	56.4	51.1	45.5
-65°	86.3	82.5	78.5	74.1	69.2	63.8	58.3	53.7	49.3	44.8	39.9
-67.5°	74.8	71.4	67.3	62.8	58.6	54.3	50.3	46.4	42.3	38.1	33.7
-70°	64.4	61.6	58.3	54.5	50.5	46.4	42.6	39.0	35.2	31.7	28.3
-72.5°	54.5	51.9	48.9	45.4	41.9	38.4	35.3	32.3	29.3	26.4	23.4
-75°	44.4	42.2	39.8	37.0	34.1	31.3	28.7	26.2	23.7	21.2	18.7
-77.5°	35.0	33.4	31.7	29.4	27.2	24.9	22.7	20.5	18.5	16.6	14.8
-80°	26.5	25.3	24.0	22.2	20.4	18.6	16.9	15.4	14.0	12.7	11.5
-82.5°	18.4	17.5	16.5	15.3	14.0	12.7	11.5	10.6	9.7	8.9	8.1
-85°	11.1	10.6	10.0	9.3	8.6	8.0	7.3	6.8	6.3	5.8	5.3
-87.5°	5.3	4.9	4.5	4.4	4.3	4.2	4.1	3.7	3.3	3.0	2.6
-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: P626718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	0.4	0.5	0.4
67.5°	0.0	0.0	0.0	0.3	0.4	0.3	0.1	0.2	0.5	0.8	0.7
65°	0.4	0.3	0.0	0.3	0.6	0.8	0.6	0.4	0.5	0.8	1.0
62.5°	0.7	0.9	0.7	0.5	0.7	0.9	1.1	0.8	0.6	0.9	1.1
60°	0.8	1.1	1.2	1.0	0.8	1.0	1.2	1.1	0.9	0.9	1.2
57.5°	2.2	1.4	1.4	1.3	1.1	1.1	1.2	1.2	1.1	1.0	1.2
55°	4.0	2.9	2.1	1.7	1.4	1.2	1.2	1.2	1.2	1.1	1.2
52.5°	7.1	5.1	3.7	2.5	1.9	1.4	1.4	1.2	1.2	1.2	1.2
50°	11.3	8.1	5.9	4.3	2.7	2.1	1.6	1.4	1.2	1.2	1.2
47.5°	16.5	12.1	8.6	6.2	4.4	2.8	2.2	1.7	1.2	1.2	1.2
45°	20.4	16.9	12.1	8.7	6.1	4.2	3.0	2.0	1.5	1.2	1.2
42.5°	24.1	21.0	16.4	11.2	8.4	5.8	3.8	2.8	1.9	1.3	1.2
40°	29.0	25.1	20.6	15.2	11.0	7.4	5.2	3.6	2.3	1.6	1.4
37.5°	34.0	29.6	24.7	19.2	13.9	9.8	6.6	4.4	2.9	2.0	1.5
35°	39.6	34.4	28.9	22.9	17.3	12.3	7.9	5.4	3.7	2.5	1.6
32.5°	45.3	38.9	32.7	26.6	20.5	14.9	9.8	6.7	4.4	3.0	1.8
30°	50.8	43.4	36.2	30.1	23.5	17.7	12.1	8.1	5.2	3.5	2.1
27.5°	55.7	47.8	39.5	33.1	26.5	20.2	14.5	9.6	5.9	4.0	2.5
25°	61.0	52.3	43.4	35.9	29.4	22.8	16.7	11.2	6.9	4.6	2.9
22.5°	66.9	56.8	47.2	38.4	32.4	25.3	18.9	13.1	8.2	5.2	3.3
20°	73.3	61.3	50.9	41.9	35.2	27.9	21.0	14.9	9.5	5.7	3.7
17.5°	79.9	66.2	55.5	46.0	38.0	30.3	23.0	16.5	10.7	6.2	4.1
15°	84.3	71.1	59.6	49.8	40.8	32.5	24.9	17.9	12.0	6.7	4.5
12.5°	88.0	75.4	63.2	53.2	43.5	34.6	26.6	19.2	13.2	7.3	4.8
10°	91.2	78.9	66.3	56.4	46.2	36.4	28.2	20.4	14.4	8.1	5.2
7.5°	94.1	81.9	69.0	59.3	48.7	38.3	29.6	21.4	15.4	8.9	5.5
5°	96.4	84.4	71.3	61.2	51.1	40.2	30.7	22.3	16.2	9.7	5.8
2.5°	98.3	86.7	73.2	62.6	53.1	42.0	31.7	23.1	16.9	10.5	6.0
0°	99.7	88.5	74.8	63.6	54.8	43.6	32.4	23.7	17.5	11.2	6.2
-2.5°	100.6	88.8	76.5	64.8	55.9	44.9	33.9	24.5	17.9	11.8	6.6
-5°	101.0	88.8	77.8	65.7	56.6	46.0	35.2	25.1	18.3	12.4	6.9
-7.5°	101.6	89.2	78.5	66.3	57.2	46.8	36.1	25.6	18.5	12.9	7.2
-10°	101.8	89.6	78.7	67.2	57.6	47.3	36.8	25.9	18.7	13.2	7.5
-12.5°	101.5	89.6	78.6	67.7	57.8	47.7	37.1	26.4	18.9	13.4	7.7
-15°	100.7	89.1	78.4	67.8	57.7	47.8	37.2	26.9	19.3	13.5	7.9
-17.5°	99.5	88.0	78.1	67.4	57.5	47.8	37.1	27.1	19.5	13.4	8.1
-20°	98.2	87.1	77.7	66.5	57.1	47.5	36.8	27.0	19.5	13.2	8.3

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REPORT NUMBER: P626718 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	96.6	86.2	76.3	65.6	56.5	47.1	36.3	26.7	19.3	12.9	8.4
-25°	94.6	84.8	74.8	64.9	55.7	46.2	35.7	26.1	18.9	12.5	8.4
-27.5°	92.5	83.0	73.1	63.9	54.6	45.1	34.9	25.6	18.2	12.0	8.4
-30°	90.1	80.9	71.6	62.6	53.1	43.6	33.7	24.7	17.5	11.7	8.3
-32.5°	87.6	78.9	70.0	60.6	51.2	41.9	32.3	23.6	16.8	11.6	8.2
-35°	84.9	76.6	68.0	58.1	49.1	40.1	30.8	22.1	15.9	11.3	8.1
-37.5°	81.8	73.7	64.8	55.4	46.9	38.1	29.4	21.2	14.9	11.0	7.9
-40°	78.3	70.2	61.1	52.9	44.6	36.0	27.9	20.5	14.3	10.6	7.7
-42.5°	74.4	66.3	58.2	50.3	42.2	34.2	26.4	19.5	13.9	10.2	7.5
-45°	70.4	62.8	55.4	47.6	39.7	32.4	25.1	18.4	13.5	9.9	7.3
-47.5°	66.6	59.8	52.4	44.8	37.7	30.5	23.6	17.7	12.9	9.6	7.0
-50°	63.4	56.5	49.1	41.9	35.2	28.6	22.0	16.8	12.4	9.2	6.7
-52.5°	59.7	52.7	45.5	38.7	32.6	26.4	20.7	15.6	11.7	8.7	6.4
-55°	55.3	48.4	41.5	35.5	29.8	24.3	19.1	14.5	10.9	8.2	5.9
-57.5°	50.2	43.5	37.9	32.4	27.0	22.0	17.3	13.2	10.1	7.6	5.5
-60°	45.0	39.5	34.3	29.0	24.0	19.5	15.3	11.8	9.3	7.0	4.9
-62.5°	40.3	35.3	30.2	25.3	21.0	17.0	13.3	10.7	8.4	6.2	4.4
-65°	35.0	30.3	25.8	21.8	17.9	14.5	12.0	9.6	7.4	5.5	3.8
-67.5°	29.4	25.6	21.8	18.2	15.3	12.8	10.5	8.4	6.4	4.6	3.5
-70°	24.8	21.3	18.2	15.6	13.2	11.0	9.0	7.0	5.3	4.1	3.2
-72.5°	20.5	17.8	15.3	13.1	11.0	9.1	7.3	5.8	4.6	3.6	2.8
-75°	16.4	14.4	12.4	10.5	8.8	7.2	6.0	4.8	3.9	3.1	2.5
-77.5°	13.1	11.3	9.5	8.2	7.1	6.0	4.9	3.9	3.2	2.7	2.1
-80°	10.1	8.8	7.8	6.8	5.8	4.8	4.0	3.3	2.8	2.3	1.7
-82.5°	7.2	6.6	6.0	5.4	4.7	4.0	3.3	2.8	2.3	1.9	1.4
-85°	4.9	4.6	4.3	4.1	3.5	3.1	2.6	2.1	1.7	1.3	0.9
-87.5°	2.5	2.4	2.3	2.1	1.8	1.5	1.3	1.1	0.8	0.6	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA1D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	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	0.1	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.2	0.0
72.5°	0.1	0.2	0.1	0.0	0.0	0.2	0.0
70°	0.1	0.3	0.2	0.0	0.0	0.2	0.0
67.5°	0.4	0.4	0.4	0.1	0.1	0.2	0.0
65°	0.7	0.5	0.5	0.3	0.1	0.3	0.0
62.5°	0.9	0.7	0.6	0.4	0.1	0.3	0.0
60°	1.2	0.8	0.8	0.5	0.2	0.3	0.0
57.5°	1.2	1.0	0.8	0.6	0.3	0.4	0.0
55°	1.2	1.1	0.9	0.8	0.4	0.4	0.0
52.5°	1.2	1.2	1.0	0.9	0.5	0.4	0.0
50°	1.2	1.2	1.1	1.0	0.5	0.5	0.0
47.5°	1.2	1.2	1.1	1.1	0.6	0.5	0.0
45°	1.2	1.2	1.2	1.2	0.7	0.5	0.0
42.5°	1.2	1.2	1.2	1.2	0.8	0.6	0.0
40°	1.2	1.2	1.2	1.2	0.8	0.6	0.0
37.5°	1.2	1.2	1.2	1.2	0.9	0.7	0.0
35°	1.2	1.2	1.2	1.2	1.0	0.7	0.0
32.5°	1.2	1.2	1.2	1.2	1.0	0.7	0.0
30°	1.4	1.2	1.2	1.2	1.0	0.8	0.0
27.5°	1.5	1.2	1.2	1.2	1.1	0.8	0.0
25°	1.7	1.2	1.2	1.2	1.1	0.9	0.0
22.5°	1.8	1.2	1.2	1.2	1.1	0.9	0.0
20°	2.0	1.3	1.2	1.2	1.2	0.9	0.0
17.5°	2.2	1.4	1.2	1.2	1.2	1.0	0.0
15°	2.5	1.6	1.2	1.2	1.2	1.0	0.0
12.5°	2.7	1.7	1.2	1.2	1.2	1.0	0.0
10°	2.9	1.9	1.2	1.2	1.2	1.1	0.0
7.5°	3.2	2.0	1.2	1.2	1.2	1.1	0.0
5°	3.4	2.2	1.2	1.2	1.2	1.1	0.0
2.5°	3.5	2.4	1.2	1.2	1.2	1.2	0.0
0°	3.7	2.5	1.2	1.2	1.2	1.2	0.0
-2.5°	4.0	2.6	1.3	1.2	1.2	1.2	0.0
-5°	4.3	2.7	1.4	1.2	1.2	1.2	0.0
-7.5°	4.6	2.8	1.5	1.2	1.2	1.2	0.0
-10°	4.9	2.9	1.6	1.2	1.2	1.2	0.0
-12.5°	5.1	3.0	1.7	1.2	1.2	1.2	0.0
-15°	5.2	3.1	1.8	1.2	1.2	1.2	0.0
-17.5°	5.3	3.1	1.8	1.2	1.2	1.1	0.0
-20°	5.4	3.2	1.9	1.2	1.2	1.1	0.0

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CATALOG NUMBER: GFLD-SA1D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	5.5	3.2	1.9	1.2	1.2	1.1	0.0
-25°	5.5	3.3	1.9	1.2	1.2	1.1	0.0
-27.5°	5.5	3.4	1.9	1.2	1.2	1.1	0.0
-30°	5.5	3.4	1.8	1.2	1.2	1.0	0.0
-32.5°	5.4	3.5	1.8	1.2	1.2	1.0	0.0
-35°	5.4	3.5	1.8	1.2	1.2	1.0	0.0
-37.5°	5.4	3.4	1.7	1.2	1.2	1.0	0.0
-40°	5.3	3.3	1.7	1.2	1.2	0.9	0.0
-42.5°	5.2	3.2	1.6	1.2	1.2	0.9	0.0
-45°	5.0	3.1	1.7	1.2	1.2	0.8	0.0
-47.5°	4.8	2.9	1.7	1.3	1.2	0.8	0.0
-50°	4.6	2.7	1.7	1.3	1.2	0.8	0.0
-52.5°	4.3	2.5	1.7	1.3	1.2	0.7	0.0
-55°	4.0	2.4	1.7	1.3	1.2	0.7	0.0
-57.5°	3.6	2.4	1.7	1.3	1.2	0.6	0.0
-60°	3.2	2.3	1.7	1.3	1.2	0.6	0.0
-62.5°	3.0	2.2	1.6	1.3	1.1	0.6	0.0
-65°	2.9	2.1	1.6	1.3	1.0	0.5	0.0
-67.5°	2.6	2.0	1.5	1.2	0.9	0.5	0.0
-70°	2.4	1.8	1.4	1.2	0.8	0.4	0.0
-72.5°	2.2	1.6	1.3	1.1	0.7	0.4	0.0
-75°	1.9	1.5	1.2	0.9	0.6	0.3	0.0
-77.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-80°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.3	0.2	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)