

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: P626648 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626648 (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-SA1C-722-U-NR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4259.8 lumens  
Efficiency: N/A  
Efficacy: 97.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 43179.6 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 1359.9 lumens  
Beam Efficiency: 31.9%

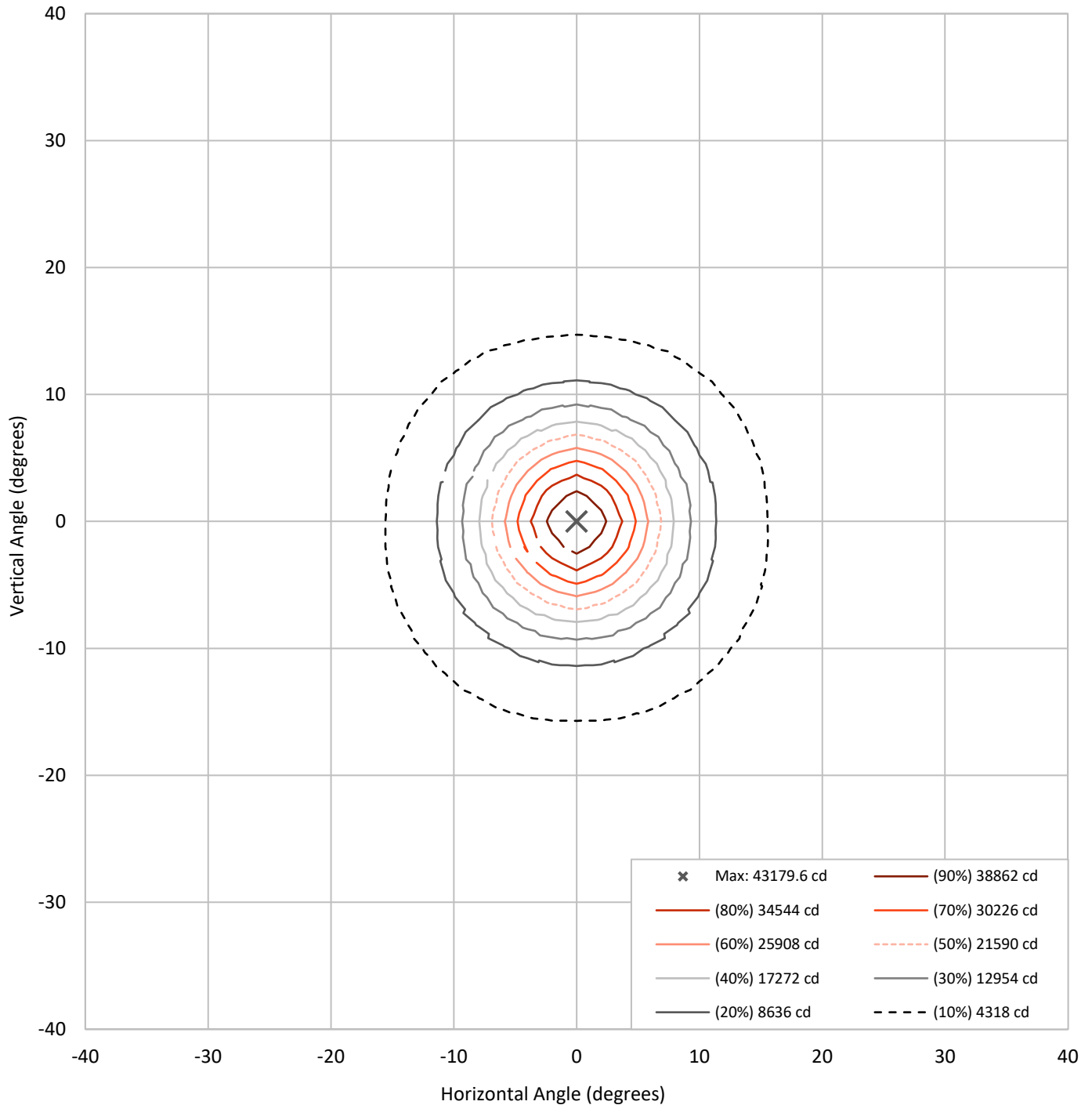
Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 3029 lumens  
Field Efficiency: 71.1%

Input Watts (W): 43.5  
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



REPORT NUMBER: P626648 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1C-722-U-NR-VSR-XX

### Iso-Candela Plot





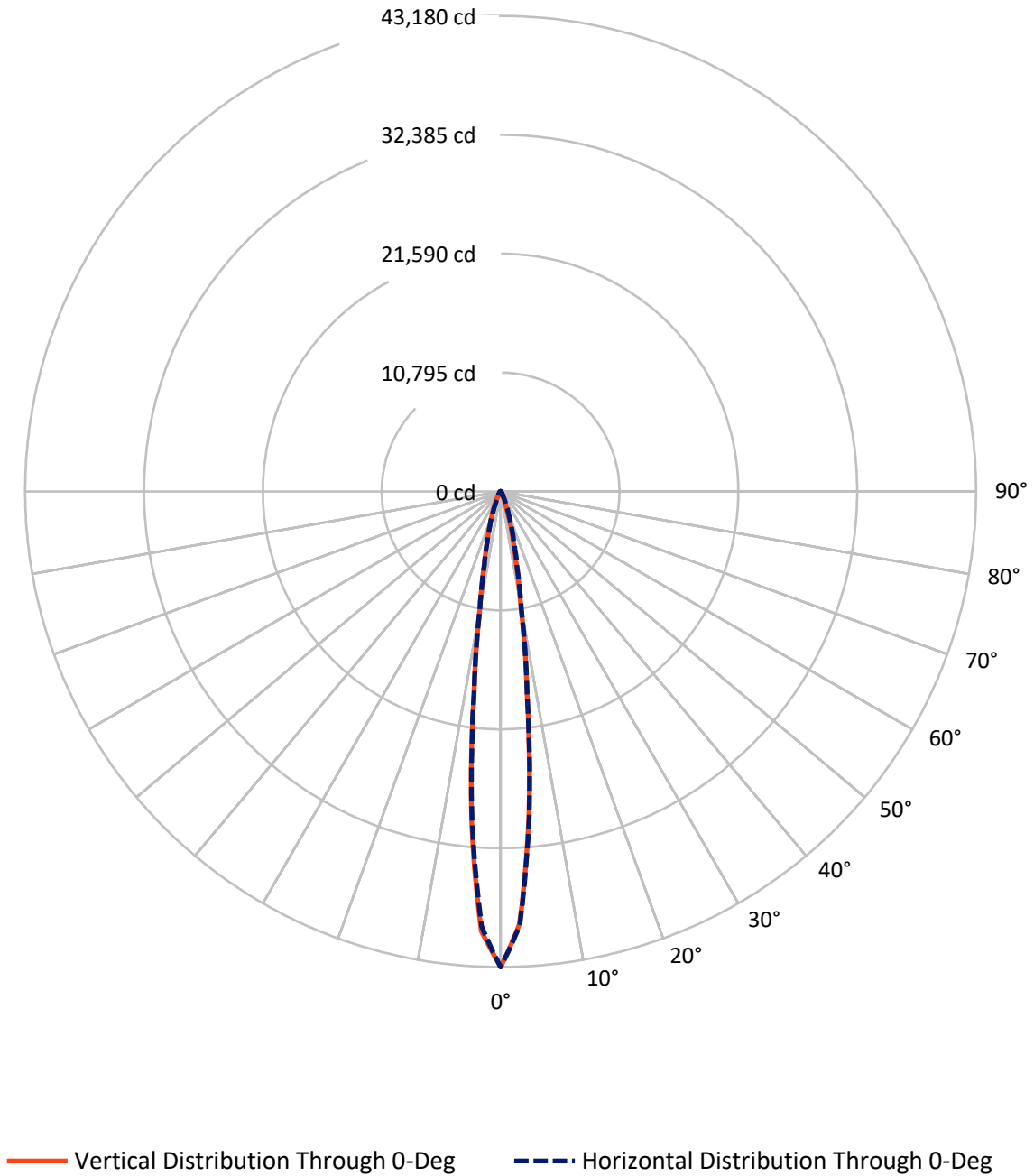
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### Lumen Table

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	0.0	0.1	0.2	0.4	0.5	0.6	0.6	0.5	0.4	0.2	0.1	0.0	0.0				
50	0.0	0.0	0.1	0.4	0.7	1.0	1.4	1.7	1.7	1.4	1.0	0.7	0.4	0.1	0.0	0.0			
40		0.1	0.3	0.7	1.3	2.0	3.5	4.4	4.4	3.5	2.0	1.3	0.7	0.3	0.1				
30	0.0	0.1	0.5	1.1	2.0	4.3	11.6	19.2	19.2	11.6	4.3	2.0	1.1	0.5	0.1	0.0			
20		0.2	0.7	1.5	3.3	13.0	54.6	120.0	120.0	54.6	13.0	3.3	1.5	0.7	0.2				
10	0.1	0.2	0.8	1.8	4.5	24.3	130.8	586.8	586.8	130.8	24.3	4.5	1.8	0.8	0.2	0.1			
0		0.3	0.9	1.9	4.8	25.9	135.4	596.8	596.8	135.4	25.9	4.8	1.9	0.9	0.3				
-10	0.1	0.3	0.9	1.8	4.2	16.5	65.7	140.6	140.6	65.7	16.5	4.2	1.8	0.9	0.3	0.1			
-20		0.3	0.8	1.7	3.3	7.7	20.3	33.8	33.8	20.3	7.7	3.3	1.7	0.8	0.3				
-30	0.1	0.2	0.8	1.5	2.5	4.2	6.9	8.8	8.8	6.9	4.2	2.5	1.5	0.8	0.2	0.1			
-40		0.2	0.6	1.2	2.1	3.0	4.0	4.4	4.4	4.0	3.0	2.1	1.2	0.6	0.2				
-50	0.1	0.1	0.5	1.0	1.6	2.3	2.9	3.1	3.1	2.9	2.3	1.6	1.0	0.5	0.1	0.1			
-60		0.1	0.3	0.6	1.1	1.6	2.0	2.2	2.2	2.0	1.6	1.1	0.6	0.3	0.1				
-70	0.0	0.3	1.1	2.4	3.0	2.4	1.1	0.3	0.0	0.0									
-80		0.3	1.1	2.4	3.0	2.4	1.1	0.3											
-90	0.0	0.3	1.1	2.4	3.0	2.4	1.1	0.3	0.0	0.0	0.3	1.1	2.4	3.0	2.4	1.1	0.3	0.0	
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

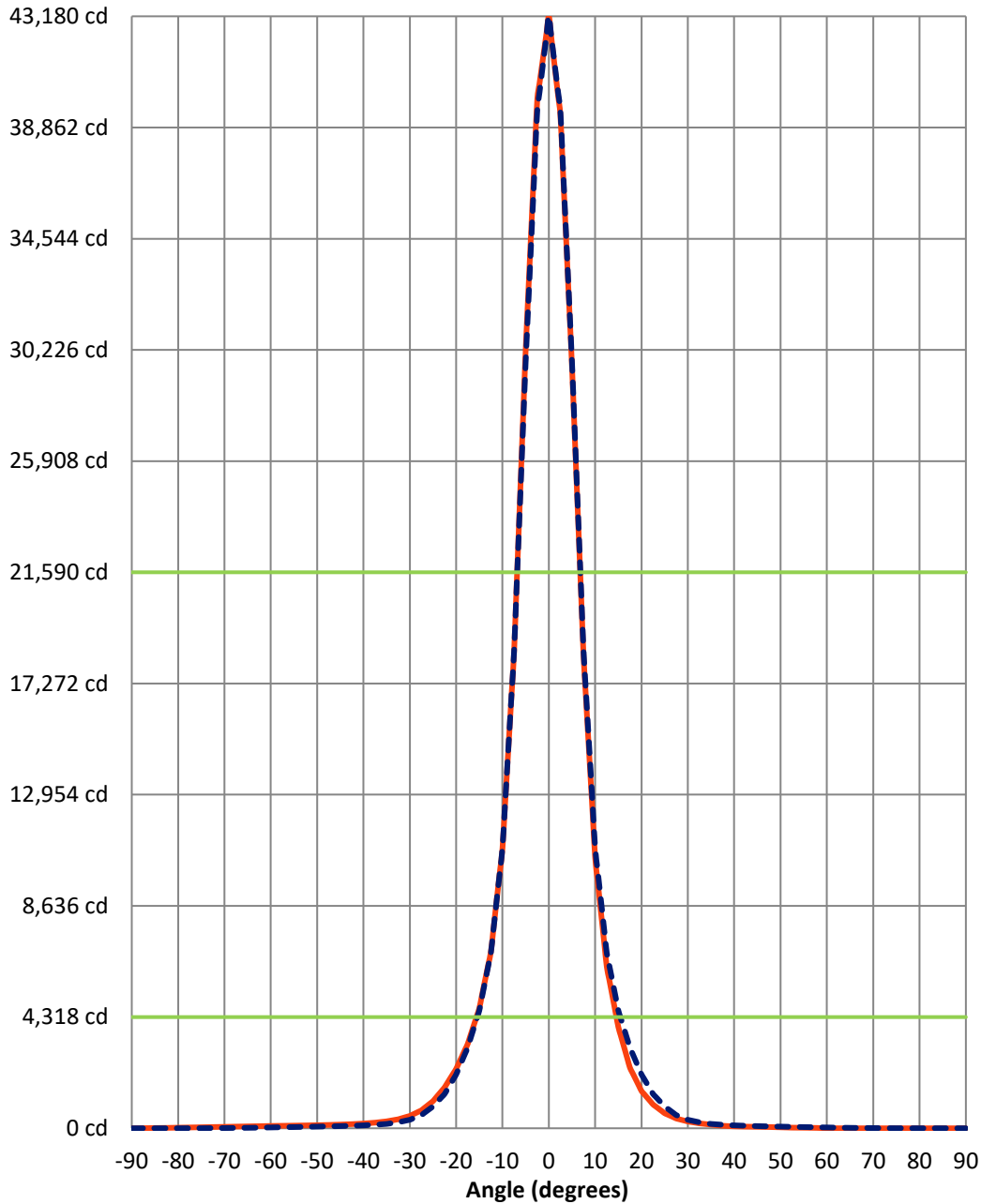
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CATALOG NUMBER: GFLD-SA1C-722-U-NR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 13.6°  
V Angle: 13.6°  
Lumens: 1359.9  
Efficiency: 31.9%

**Field:**  
H Angle: 30.9°  
V Angle: 30.2°  
Lumens: 3029  
Efficiency: 71.1%

**Spill:**  
Lumens: 1230.8  
Efficiency: 28.9%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.1	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	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0
72.5°	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.2	0.2	0.1
70°	0.0	0.2	0.0	0.0	0.2	0.2	0.1	0.3	0.4	0.3	0.1
67.5°	0.0	0.2	0.1	0.1	0.3	0.3	0.3	0.5	0.6	0.4	0.2
65°	0.0	0.2	0.1	0.2	0.4	0.4	0.5	0.7	0.6	0.4	0.3
62.5°	0.0	0.2	0.1	0.3	0.5	0.5	0.7	0.8	0.6	0.5	0.6
60°	0.0	0.3	0.1	0.4	0.6	0.6	0.9	0.9	0.7	0.6	0.8
57.5°	0.0	0.3	0.2	0.5	0.6	0.7	0.9	0.9	0.8	0.8	0.9
55°	0.0	0.3	0.3	0.6	0.7	0.8	0.9	0.9	0.8	0.9	0.9
52.5°	0.0	0.3	0.3	0.7	0.7	0.9	0.9	0.9	0.9	0.9	0.9
50°	0.0	0.4	0.4	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0
47.5°	0.0	0.4	0.5	0.9	0.8	0.9	0.9	0.9	0.9	0.9	1.2
45°	0.0	0.4	0.5	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.5
42.5°	0.0	0.4	0.6	0.9	0.9	0.9	0.9	0.9	1.0	1.4	2.0
40°	0.0	0.5	0.6	0.9	0.9	0.9	0.9	1.0	1.1	1.7	2.6
37.5°	0.0	0.5	0.7	0.9	0.9	0.9	0.9	1.1	1.5	2.1	3.2
35°	0.0	0.5	0.7	0.9	0.9	0.9	0.9	1.2	1.8	2.7	4.0
32.5°	0.0	0.6	0.7	0.9	0.9	0.9	0.9	1.3	2.2	3.3	4.9
30°	0.0	0.6	0.8	0.9	0.9	0.9	1.0	1.5	2.5	3.8	5.9
27.5°	0.0	0.6	0.8	0.9	0.9	0.9	1.1	1.8	3.0	4.3	7.0
25°	0.0	0.6	0.8	0.9	0.9	0.9	1.2	2.1	3.4	5.1	8.2
22.5°	0.0	0.7	0.8	0.9	0.9	0.9	1.3	2.4	3.8	6.0	9.6
20°	0.0	0.7	0.9	0.9	0.9	1.0	1.5	2.7	4.2	6.9	10.9
17.5°	0.0	0.7	0.9	0.9	0.9	1.1	1.6	3.0	4.6	7.9	12.1
15°	0.0	0.8	0.9	0.9	0.9	1.2	1.8	3.3	4.9	8.8	13.1
12.5°	0.0	0.8	0.9	0.9	0.9	1.3	2.0	3.6	5.4	9.7	14.1
10°	0.0	0.8	0.9	0.9	0.9	1.4	2.1	3.8	6.0	10.5	14.9
7.5°	0.0	0.8	0.9	0.9	0.9	1.5	2.3	4.1	6.5	11.3	15.7
5°	0.0	0.9	0.9	0.9	0.9	1.6	2.4	4.3	7.1	11.9	16.3
2.5°	0.0	0.9	0.9	0.9	0.9	1.7	2.6	4.4	7.7	12.4	16.9
0°	0.0	0.9	0.9	0.9	0.9	1.8	2.7	4.6	8.2	12.8	17.4
-2.5°	0.0	0.9	0.9	0.9	1.0	1.9	2.9	4.9	8.7	13.1	18.0
-5°	0.0	0.9	0.9	0.9	1.1	2.0	3.2	5.1	9.1	13.4	18.5
-7.5°	0.0	0.9	0.9	0.9	1.1	2.1	3.4	5.3	9.4	13.6	18.8
-10°	0.0	0.9	0.9	0.9	1.2	2.1	3.6	5.5	9.7	13.7	19.0
-12.5°	0.0	0.9	0.9	0.9	1.3	2.2	3.7	5.7	9.8	13.9	19.4
-15°	0.0	0.9	0.9	0.9	1.3	2.2	3.9	5.8	9.9	14.2	19.7
-17.5°	0.0	0.9	0.9	0.9	1.3	2.3	3.9	6.0	9.8	14.3	19.8
-20°	0.0	0.8	0.9	0.9	1.4	2.3	4.0	6.1	9.6	14.3	19.8

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1C-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.8	0.9	0.9	1.4	2.3	4.0	6.2	9.4	14.1	19.6
-25°	0.0	0.8	0.9	0.9	1.4	2.4	4.0	6.2	9.1	13.8	19.1
-27.5°	0.0	0.8	0.9	0.9	1.4	2.5	4.0	6.2	8.8	13.3	18.7
-30°	0.0	0.8	0.9	0.9	1.3	2.5	4.0	6.1	8.6	12.8	18.1
-32.5°	0.0	0.8	0.9	0.9	1.3	2.5	4.0	6.0	8.5	12.3	17.2
-35°	0.0	0.7	0.9	0.9	1.3	2.5	4.0	5.9	8.3	11.6	16.1
-37.5°	0.0	0.7	0.9	0.9	1.3	2.5	3.9	5.8	8.1	10.9	15.5
-40°	0.0	0.7	0.9	0.9	1.2	2.4	3.9	5.7	7.7	10.5	15.0
-42.5°	0.0	0.7	0.9	0.9	1.2	2.4	3.8	5.5	7.5	10.2	14.3
-45°	0.0	0.6	0.9	0.9	1.2	2.3	3.7	5.4	7.3	9.9	13.5
-47.5°	0.0	0.6	0.9	1.0	1.3	2.2	3.6	5.2	7.0	9.5	13.0
-50°	0.0	0.6	0.9	1.0	1.3	2.0	3.4	5.0	6.8	9.1	12.3
-52.5°	0.0	0.5	0.9	1.0	1.3	1.8	3.2	4.7	6.4	8.6	11.5
-55°	0.0	0.5	0.9	1.0	1.3	1.8	2.9	4.4	6.1	8.0	10.7
-57.5°	0.0	0.5	0.9	1.0	1.3	1.7	2.6	4.0	5.6	7.4	9.7
-60°	0.0	0.4	0.9	1.0	1.2	1.7	2.3	3.6	5.1	6.8	8.7
-62.5°	0.0	0.4	0.8	1.0	1.2	1.6	2.2	3.2	4.6	6.2	7.9
-65°	0.0	0.4	0.8	0.9	1.2	1.5	2.1	2.8	4.0	5.5	7.0
-67.5°	0.0	0.3	0.7	0.9	1.1	1.4	1.9	2.6	3.4	4.7	6.1
-70°	0.0	0.3	0.6	0.9	1.0	1.3	1.7	2.3	3.0	3.9	5.2
-72.5°	0.0	0.3	0.5	0.8	1.0	1.2	1.6	2.0	2.6	3.4	4.3
-75°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.8	2.2	2.8	3.6
-77.5°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.5	1.9	2.3	2.8
-80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.3	1.7	2.0	2.4
-82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	1.0	1.4	1.7	2.0
-85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.9	1.2	1.5
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.5	0.6	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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**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	0.3	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.4	0.6	0.4	0.2	0.0	0.2	0.3	0.2	0.0	0.0	0.0
62.5°	0.8	0.7	0.5	0.4	0.5	0.7	0.5	0.3	0.1	0.4	0.6
60°	0.9	0.8	0.6	0.7	0.9	0.8	0.6	0.9	1.3	1.7	2.0
57.5°	0.9	0.8	0.8	1.0	1.0	1.0	1.6	2.1	3.0	3.8	4.3
55°	0.9	0.9	1.0	1.2	1.5	2.2	3.0	4.2	5.2	6.7	8.0
52.5°	1.0	1.0	1.4	1.9	2.7	3.7	5.2	6.9	8.9	10.3	11.9
50°	1.2	1.5	1.9	3.1	4.3	5.9	8.3	10.8	12.4	14.1	16.3
47.5°	1.6	2.1	3.2	4.6	6.3	8.9	12.1	13.9	15.6	18.1	20.9
45°	2.2	3.1	4.5	6.4	8.8	12.4	14.9	16.4	19.2	22.2	25.4
42.5°	2.8	4.3	6.2	8.2	12.0	15.4	17.7	20.1	22.9	26.4	29.8
40°	3.8	5.5	8.1	11.2	15.1	18.4	21.3	23.9	26.7	31.3	35.0
37.5°	4.8	7.2	10.2	14.1	18.1	21.7	24.9	28.3	32.3	37.5	40.8
35°	5.8	9.1	12.7	16.8	21.1	25.2	29.0	33.0	38.2	43.1	47.0
32.5°	7.2	11.0	15.0	19.5	23.9	28.5	33.2	37.9	43.0	48.0	53.2
30°	8.9	13.0	17.2	22.0	26.5	31.8	37.2	42.2	47.4	52.7	58.5
27.5°	10.7	14.9	19.5	24.3	29.0	35.0	40.9	46.1	51.4	57.1	63.7
25°	12.3	16.7	21.6	26.3	31.8	38.3	44.7	50.8	55.3	61.7	69.5
22.5°	13.8	18.6	23.8	28.1	34.6	41.6	49.1	55.6	60.9	66.7	75.4
20°	15.4	20.5	25.8	30.7	37.4	44.9	53.8	60.5	67.0	74.5	83.4
17.5°	16.8	22.2	27.9	33.7	40.7	48.5	58.5	65.4	73.2	82.1	93.4
15°	18.2	23.9	29.9	36.5	43.7	52.1	61.8	70.3	79.7	90.0	103.4
12.5°	19.5	25.3	31.9	39.0	46.3	55.2	64.5	73.6	84.4	97.9	114.7
10°	20.7	26.7	33.9	41.4	48.6	57.8	66.9	76.4	87.7	102.5	121.8
7.5°	21.7	28.1	35.7	43.5	50.6	60.0	69.0	78.6	90.5	106.4	126.5
5°	22.5	29.5	37.5	44.9	52.2	61.8	70.7	80.4	92.8	109.4	130.0
2.5°	23.2	30.8	38.9	45.9	53.6	63.5	72.1	82.5	95.1	111.8	133.2
0°	23.8	32.0	40.2	46.6	54.8	64.9	73.1	84.1	96.9	113.3	136.2
-2.5°	24.9	32.9	41.0	47.5	56.1	65.1	73.8	84.3	97.6	114.5	136.7
-5°	25.8	33.7	41.6	48.2	57.0	65.1	74.0	84.1	97.8	115.2	137.7
-7.5°	26.5	34.3	41.9	48.7	57.6	65.4	74.4	84.8	98.5	115.8	139.0
-10°	27.0	34.7	42.2	49.3	57.7	65.7	74.6	84.9	98.4	115.4	138.3
-12.5°	27.2	34.9	42.4	49.7	57.7	65.7	74.4	84.5	97.4	113.9	135.5
-15°	27.3	35.1	42.4	49.7	57.5	65.3	73.8	83.5	95.6	111.5	131.0
-17.5°	27.2	35.0	42.2	49.4	57.3	64.5	72.9	82.2	93.7	108.6	127.4
-20°	27.0	34.8	41.9	48.8	57.0	63.9	72.0	81.0	91.8	105.4	122.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626648 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	26.6	34.5	41.4	48.1	56.0	63.2	70.8	79.4	89.1	101.4	116.3
-25°	26.1	33.9	40.9	47.6	54.9	62.2	69.3	77.5	86.4	98.2	111.6
-27.5°	25.5	33.1	40.1	46.9	53.6	60.9	67.8	75.6	84.4	94.7	106.7
-30°	24.7	31.9	38.9	45.9	52.6	59.4	66.1	73.5	81.7	91.5	102.6
-32.5°	23.6	30.7	37.5	44.4	51.4	57.9	64.2	71.3	79.0	87.6	98.1
-35°	22.6	29.4	36.0	42.6	49.9	56.2	62.3	68.8	76.0	84.0	92.6
-37.5°	21.6	27.9	34.4	40.6	47.5	54.1	60.0	66.2	72.9	80.1	88.0
-40°	20.5	26.4	32.7	38.8	44.9	51.5	57.4	63.4	69.6	76.9	83.8
-42.5°	19.3	25.1	31.0	36.9	42.7	48.6	54.6	60.3	66.8	73.7	80.5
-45°	18.4	23.8	29.2	35.0	40.7	46.1	51.6	56.9	63.5	70.5	77.1
-47.5°	17.3	22.4	27.6	32.9	38.5	43.8	48.8	54.2	59.9	66.4	73.3
-50°	16.2	21.0	25.8	30.7	36.0	41.4	46.5	51.5	56.8	62.1	68.2
-52.5°	15.2	19.4	23.9	28.4	33.4	38.7	43.8	48.8	53.7	58.7	63.8
-55°	14.0	17.8	21.8	26.1	30.5	35.5	40.6	45.4	50.4	55.1	60.2
-57.5°	12.7	16.2	19.8	23.8	27.8	31.9	36.8	41.7	46.3	51.1	56.3
-60°	11.3	14.3	17.6	21.3	25.2	29.0	33.0	37.5	42.0	46.5	51.3
-62.5°	9.8	12.5	15.4	18.6	22.2	25.9	29.5	33.4	37.4	41.4	45.5
-65°	8.8	10.7	13.2	16.0	18.9	22.3	25.7	29.2	32.8	36.2	39.4
-67.5°	7.7	9.4	11.3	13.3	16.0	18.8	21.6	24.7	28.0	31.0	34.0
-70°	6.6	8.1	9.7	11.5	13.3	15.6	18.2	20.8	23.2	25.8	28.6
-72.5°	5.4	6.7	8.1	9.6	11.3	13.1	15.0	17.2	19.4	21.5	23.7
-75°	4.4	5.3	6.5	7.7	9.1	10.6	12.0	13.7	15.6	17.4	19.2
-77.5°	3.6	4.4	5.2	6.0	7.0	8.3	9.6	10.8	12.2	13.6	15.1
-80°	2.9	3.6	4.3	5.0	5.7	6.5	7.4	8.4	9.3	10.2	11.3
-82.5°	2.4	2.9	3.4	4.0	4.4	4.9	5.3	5.9	6.5	7.1	7.8
-85°	1.9	2.2	2.6	3.0	3.2	3.4	3.6	3.9	4.3	4.7	5.0
-87.5°	0.9	1.1	1.3	1.5	1.6	1.7	1.8	1.9	2.2	2.4	2.7
-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: P626648 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.1	0.0	0.0
62.5°	0.5	0.4	0.7	0.9	1.0	1.0	0.9	0.8	0.7	0.6	0.7
60°	2.2	2.1	3.0	3.4	3.1	2.2	3.4	4.1	3.9	3.4	3.3
57.5°	5.4	6.5	7.3	7.7	8.9	10.9	11.3	10.6	10.4	10.6	12.2
55°	9.3	10.2	10.7	12.4	13.9	14.9	15.5	16.1	17.1	18.2	19.4
52.5°	13.1	14.4	15.4	16.9	18.7	19.3	19.1	21.4	23.1	24.2	24.7
50°	18.0	19.7	21.9	24.3	25.3	26.2	27.3	29.1	31.8	35.2	37.2
47.5°	23.3	25.9	28.2	30.9	32.2	33.3	34.9	38.1	42.0	45.6	47.5
45°	28.1	30.3	33.1	35.4	37.1	39.1	41.3	44.2	48.5	52.3	55.0
42.5°	31.9	34.5	37.3	40.1	41.8	44.5	47.9	51.8	56.3	60.3	63.2
40°	37.3	39.4	43.9	46.6	47.2	49.7	56.6	62.0	67.1	72.0	74.4
37.5°	43.8	48.0	52.6	54.9	57.3	61.8	71.0	79.7	86.2	92.8	96.4
35°	51.1	56.6	62.9	65.7	70.8	80.6	91.4	103.6	118.8	125.1	130.9
32.5°	58.3	64.4	70.2	76.6	85.4	97.2	109.3	129.1	147.5	161.8	172.3
30°	64.6	71.1	78.4	86.5	99.0	115.1	135.3	160.9	187.0	209.7	229.0
27.5°	70.9	78.3	86.9	99.1	116.6	138.5	170.8	207.3	250.8	282.8	321.1
25°	77.8	86.2	97.3	115.0	138.6	171.3	222.9	282.3	353.6	411.4	471.9
22.5°	85.9	98.4	112.4	132.1	173.4	227.3	297.8	399.2	508.9	610.4	708.0
20°	95.7	112.8	135.3	171.5	224.5	304.3	426.8	588.6	750.0	921.8	1087.3
17.5°	109.7	134.3	169.3	220.9	290.7	448.5	647.3	897.5	1219.2	1510.6	1765.1
15°	122.9	152.3	207.5	284.6	406.4	615.5	917.4	1330.5	1831.8	2288.6	2771.0
12.5°	136.7	171.4	234.8	333.0	502.3	774.4	1198.7	1764.8	2392.4	3080.9	3865.0
10°	147.7	189.8	265.7	390.2	598.8	937.7	1443.1	2129.7	2963.7	3982.6	5236.1
7.5°	155.0	204.5	291.2	432.0	687.8	1104.7	1713.1	2538.4	3581.0	4930.8	6684.9
5°	160.8	215.7	310.4	470.2	763.0	1232.2	1913.2	2896.3	4129.7	5938.1	8910.7
2.5°	165.4	224.3	322.2	496.5	810.1	1320.9	2047.5	3098.8	4456.3	6682.9	10539.4
0°	169.1	232.1	329.9	512.7	846.3	1329.8	2089.3	3135.8	4573.5	6817.3	10890.0
-2.5°	170.6	236.3	332.6	516.3	842.7	1345.1	2102.1	3165.4	4569.1	6743.6	10498.5
-5°	173.2	236.2	330.6	512.6	823.8	1305.7	2018.7	2999.9	4293.4	6163.6	9239.9
-7.5°	175.0	232.5	321.0	489.4	774.4	1220.5	1872.0	2725.4	3791.7	5211.8	7117.0
-10°	173.3	225.2	305.0	450.5	697.5	1083.8	1648.9	2363.1	3249.4	4301.7	5596.2
-12.5°	166.8	211.9	279.0	395.9	597.9	930.8	1424.5	2032.6	2688.5	3427.6	4322.1
-15°	158.6	197.5	255.6	358.4	524.1	779.1	1139.5	1632.8	2159.0	2720.1	3318.5
-17.5°	152.2	184.9	233.0	307.4	429.3	632.0	915.2	1265.7	1652.4	2079.6	2434.2
-20°	143.4	169.3	209.7	270.5	363.4	497.8	704.0	958.7	1213.8	1514.2	1759.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626648 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	134.7	157.3	188.0	232.5	301.7	403.2	530.6	700.6	887.2	1059.6	1229.3
-25°	126.6	144.0	168.9	205.4	252.3	321.6	412.3	509.8	632.8	737.7	854.2
-27.5°	120.1	135.0	153.3	180.1	216.5	261.1	326.0	391.3	456.1	509.1	589.2
-30°	113.8	125.8	141.1	160.2	187.5	221.8	264.0	306.4	343.7	377.8	419.5
-32.5°	107.6	117.4	129.1	145.0	164.5	190.3	216.3	246.6	272.6	296.5	318.7
-35°	101.4	110.1	119.0	132.4	148.0	166.3	185.2	205.8	223.8	239.9	254.1
-37.5°	95.8	103.4	111.8	121.8	134.4	148.2	163.5	178.5	190.3	200.8	209.5
-40°	91.1	98.0	105.2	113.2	122.7	133.6	146.7	159.1	167.4	173.8	179.1
-42.5°	86.8	92.9	99.1	105.8	113.2	122.6	132.9	143.2	148.8	153.8	157.6
-45°	83.4	88.1	93.3	99.1	105.6	113.5	121.6	128.7	133.7	137.9	141.1
-47.5°	78.9	83.4	87.9	92.7	98.8	105.3	112.0	117.5	121.9	125.6	128.0
-50°	73.9	78.7	82.8	87.0	92.6	98.2	103.6	108.1	112.3	115.9	117.8
-52.5°	68.8	73.9	78.2	82.3	87.0	91.9	96.8	100.6	104.3	107.7	109.2
-55°	65.2	69.9	74.3	78.1	82.0	85.9	89.9	93.9	97.5	100.8	101.7
-57.5°	61.2	66.0	70.4	73.8	77.3	80.8	84.5	88.1	91.6	94.7	95.5
-60°	56.3	61.5	65.4	68.7	72.1	75.6	78.7	82.0	85.2	87.9	88.8
-62.5°	50.1	54.9	58.7	62.2	65.4	68.4	71.5	74.6	77.5	79.6	80.3
-65°	42.8	46.8	50.7	54.3	57.6	60.5	63.3	66.1	68.7	70.6	71.5
-67.5°	36.9	39.8	43.0	46.1	49.4	52.4	54.9	57.3	59.6	61.2	62.2
-70°	31.2	34.0	37.0	39.9	42.8	45.2	47.3	49.3	51.2	52.6	53.7
-72.5°	25.9	28.2	30.7	33.3	35.9	38.1	40.0	41.7	43.4	44.6	45.6
-75°	21.0	22.9	25.0	27.1	29.2	31.0	32.6	34.1	35.6	36.7	37.6
-77.5°	16.7	18.3	20.0	21.6	23.2	24.5	25.6	26.8	27.8	28.7	29.5
-80°	12.4	13.7	15.0	16.3	17.6	18.5	19.4	20.2	21.0	21.5	21.9
-82.5°	8.5	9.3	10.3	11.2	12.1	12.8	13.5	14.2	14.8	15.1	15.2
-85°	5.4	5.8	6.3	6.8	7.3	7.7	8.1	8.5	8.8	9.1	9.4
-87.5°	3.0	3.1	3.2	3.3	3.4	3.6	3.9	4.2	4.4	4.5	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: P626648 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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	0.2
62.5°	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.7	0.8
60°	3.1	2.7	2.7	2.7	2.7	2.7	3.1	3.3	3.4	3.9	4.1
57.5°	13.9	15.5	15.9	15.5	15.9	15.5	13.9	12.2	10.6	10.4	10.6
55°	20.2	20.7	20.9	21.0	20.9	20.7	20.2	19.4	18.2	17.1	16.1
52.5°	24.8	24.7	24.6	24.7	24.6	24.7	24.8	24.7	24.2	23.1	21.4
50°	37.3	36.6	36.4	36.6	36.4	36.6	37.3	37.2	35.2	31.8	29.1
47.5°	47.7	47.9	48.2	48.4	48.2	47.9	47.7	47.5	45.6	42.0	38.1
45°	55.7	56.2	56.5	56.7	56.5	56.2	55.7	55.0	52.3	48.5	44.2
42.5°	63.8	63.9	63.8	64.0	63.8	63.9	63.8	63.2	60.3	56.3	51.8
40°	75.4	75.6	75.4	74.9	75.4	75.6	75.4	74.4	72.0	67.1	62.0
37.5°	98.5	98.8	97.7	96.9	97.7	98.8	98.5	96.4	92.8	86.2	79.7
35°	136.2	140.1	142.0	142.6	142.0	140.1	136.2	130.9	125.1	118.8	103.6
32.5°	179.6	185.0	187.7	190.1	187.7	185.0	179.6	172.3	161.8	147.5	129.1
30°	241.6	251.7	256.1	262.3	256.1	251.7	241.6	229.0	209.7	187.0	160.9
27.5°	342.9	360.5	370.2	379.3	370.2	360.5	342.9	321.1	282.8	250.8	207.3
25°	515.9	549.9	571.9	582.2	571.9	549.9	515.9	471.9	411.4	353.6	282.3
22.5°	802.6	865.2	913.4	923.1	913.4	865.2	802.6	708.0	610.4	508.9	399.2
20°	1247.8	1337.3	1410.1	1446.8	1410.1	1337.3	1247.8	1087.3	921.8	750.0	588.6
17.5°	2068.2	2254.4	2339.5	2353.5	2339.5	2254.4	2068.2	1765.1	1510.6	1219.2	897.5
15°	3288.7	3603.9	3804.0	3932.8	3804.0	3603.9	3288.7	2771.0	2288.6	1831.8	1330.5
12.5°	4681.3	5576.9	6086.5	6280.8	6086.5	5576.9	4681.3	3865.0	3080.9	2392.4	1764.8
10°	6571.4	8679.8	9895.9	10507.9	9895.9	8679.8	6571.4	5236.1	3982.6	2963.7	2129.7
7.5°	9779.4	13035.7	16643.6	18312.8	16643.6	13035.7	9779.4	6684.9	4930.8	3581.0	2538.4
5°	13151.7	20301.3	26576.5	29581.6	26576.5	20301.3	13151.7	8910.7	5938.1	4129.7	2896.3
2.5°	17027.6	26669.5	35584.3	39332.7	35584.3	26669.5	17027.6	10539.4	6682.9	4456.3	3098.8
0°	18519.4	29750.7	39500.4	43179.6	39500.4	29750.7	18519.4	10890.0	6817.3	4573.5	3135.8
-2.5°	17258.2	27136.7	35737.5	39941.4	35737.5	27136.7	17258.2	10498.5	6743.6	4569.1	3165.4
-5°	13712.6	20413.2	26782.9	30208.6	26782.9	20413.2	13712.6	9239.9	6163.6	4293.4	2999.9
-7.5°	10064.2	13711.9	17249.4	18486.4	17249.4	13711.9	10064.2	7117.0	5211.8	3791.7	2725.4
-10°	7006.9	9095.7	10474.5	10868.0	10474.5	9095.7	7006.9	5596.2	4301.7	3249.4	2363.1
-12.5°	5194.9	6108.6	6744.2	6854.8	6744.2	6108.6	5194.9	4322.1	3427.6	2688.5	2032.6
-15°	3846.7	4311.3	4639.2	4661.2	4639.2	4311.3	3846.7	3318.5	2720.1	2159.0	1632.8
-17.5°	2812.0	3123.8	3289.3	3277.5	3289.3	3123.8	2812.0	2434.2	2079.6	1652.4	1265.7
-20°	2010.7	2198.7	2332.0	2305.9	2332.0	2198.7	2010.7	1759.2	1514.2	1213.8	958.7



REPORT NUMBER: P626648 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	1402.0	1526.8	1605.0	1584.8	1605.0	1526.8	1402.0	1229.3	1059.6	887.2	700.6
-25°	952.6	1020.6	1059.3	1052.9	1059.3	1020.6	952.6	854.2	737.7	632.8	509.8
-27.5°	649.2	685.1	697.1	696.4	697.1	685.1	649.2	589.2	509.1	456.1	391.3
-30°	450.6	474.7	488.5	479.8	488.5	474.7	450.6	419.5	377.8	343.7	306.4
-32.5°	335.8	349.4	357.3	349.1	357.3	349.4	335.8	318.7	296.5	272.6	246.6
-35°	264.7	271.5	274.3	269.6	274.3	271.5	264.7	254.1	239.9	223.8	205.8
-37.5°	215.8	219.8	221.2	218.4	221.2	219.8	215.8	209.5	200.8	190.3	178.5
-40°	182.8	185.3	185.9	183.7	185.9	185.3	182.8	179.1	173.8	167.4	159.1
-42.5°	160.0	161.5	161.8	160.9	161.8	161.5	160.0	157.6	153.8	148.8	143.2
-45°	142.9	144.2	144.5	143.5	144.5	144.2	142.9	141.1	137.9	133.7	128.7
-47.5°	129.2	130.0	130.2	129.8	130.2	130.0	129.2	128.0	125.6	121.9	117.5
-50°	118.6	119.2	119.2	118.8	119.2	119.2	118.6	117.8	115.9	112.3	108.1
-52.5°	109.8	110.2	110.5	110.6	110.5	110.2	109.8	109.2	107.7	104.3	100.6
-55°	102.4	102.9	103.2	103.3	103.2	102.9	102.4	101.7	100.8	97.5	93.9
-57.5°	96.1	96.5	96.8	96.9	96.8	96.5	96.1	95.5	94.7	91.6	88.1
-60°	89.5	90.0	90.4	90.5	90.4	90.0	89.5	88.8	87.9	85.2	82.0
-62.5°	80.8	81.0	81.2	81.3	81.2	81.0	80.8	80.3	79.6	77.5	74.6
-65°	72.2	72.7	73.0	73.1	73.0	72.7	72.2	71.5	70.6	68.7	66.1
-67.5°	63.0	63.7	64.3	64.9	64.3	63.7	63.0	62.2	61.2	59.6	57.3
-70°	54.6	55.5	55.7	55.8	55.7	55.5	54.6	53.7	52.6	51.2	49.3
-72.5°	46.5	47.2	47.9	48.4	47.9	47.2	46.5	45.6	44.6	43.4	41.7
-75°	38.4	39.1	39.3	39.3	39.3	39.1	38.4	37.6	36.7	35.6	34.1
-77.5°	30.2	30.9	31.1	31.1	31.1	30.9	30.2	29.5	28.7	27.8	26.8
-80°	22.3	22.7	23.3	23.8	23.3	22.7	22.3	21.9	21.5	21.0	20.2
-82.5°	15.4	15.4	15.5	15.5	15.5	15.4	15.4	15.2	15.1	14.8	14.2
-85°	9.8	10.1	10.1	10.1	10.1	10.1	9.8	9.4	9.1	8.8	8.5
-87.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.2
-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: P626648 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
62.5°	0.9	1.0	1.0	0.9	0.7	0.4	0.5	0.6	0.4	0.1	0.3
60°	3.4	2.2	3.1	3.4	3.0	2.1	2.2	2.0	1.7	1.3	0.9
57.5°	11.3	10.9	8.9	7.7	7.3	6.5	5.4	4.3	3.8	3.0	2.1
55°	15.5	14.9	13.9	12.4	10.7	10.2	9.3	8.0	6.7	5.2	4.2
52.5°	19.1	19.3	18.7	16.9	15.4	14.4	13.1	11.9	10.3	8.9	6.9
50°	27.3	26.2	25.3	24.3	21.9	19.7	18.0	16.3	14.1	12.4	10.8
47.5°	34.9	33.3	32.2	30.9	28.2	25.9	23.3	20.9	18.1	15.6	13.9
45°	41.3	39.1	37.1	35.4	33.1	30.3	28.1	25.4	22.2	19.2	16.4
42.5°	47.9	44.5	41.8	40.1	37.3	34.5	31.9	29.8	26.4	22.9	20.1
40°	56.6	49.7	47.2	46.6	43.9	39.4	37.3	35.0	31.3	26.7	23.9
37.5°	71.0	61.8	57.3	54.9	52.6	48.0	43.8	40.8	37.5	32.3	28.3
35°	91.4	80.6	70.8	65.7	62.9	56.6	51.1	47.0	43.1	38.2	33.0
32.5°	109.3	97.2	85.4	76.6	70.2	64.4	58.3	53.2	48.0	43.0	37.9
30°	135.3	115.1	99.0	86.5	78.4	71.1	64.6	58.5	52.7	47.4	42.2
27.5°	170.8	138.5	116.6	99.1	86.9	78.3	70.9	63.7	57.1	51.4	46.1
25°	222.9	171.3	138.6	115.0	97.3	86.2	77.8	69.5	61.7	55.3	50.8
22.5°	297.8	227.3	173.4	132.1	112.4	98.4	85.9	75.4	66.7	60.9	55.6
20°	426.8	304.3	224.5	171.5	135.3	112.8	95.7	83.4	74.5	67.0	60.5
17.5°	647.3	448.5	290.7	220.9	169.3	134.3	109.7	93.4	82.1	73.2	65.4
15°	917.4	615.5	406.4	284.6	207.5	152.3	122.9	103.4	90.0	79.7	70.3
12.5°	1198.7	774.4	502.3	333.0	234.8	171.4	136.7	114.7	97.9	84.4	73.6
10°	1443.1	937.7	598.8	390.2	265.7	189.8	147.7	121.8	102.5	87.7	76.4
7.5°	1713.1	1104.7	687.8	432.0	291.2	204.5	155.0	126.5	106.4	90.5	78.6
5°	1913.2	1232.2	763.0	470.2	310.4	215.7	160.8	130.0	109.4	92.8	80.4
2.5°	2047.5	1320.9	810.1	496.5	322.2	224.3	165.4	133.2	111.8	95.1	82.5
0°	2089.3	1329.8	846.3	512.7	329.9	232.1	169.1	136.2	113.3	96.9	84.1
-2.5°	2102.1	1345.1	842.7	516.3	332.6	236.3	170.6	136.7	114.5	97.6	84.3
-5°	2018.7	1305.7	823.8	512.6	330.6	236.2	173.2	137.7	115.2	97.8	84.1
-7.5°	1872.0	1220.5	774.4	489.4	321.0	232.5	175.0	139.0	115.8	98.5	84.8
-10°	1648.9	1083.8	697.5	450.5	305.0	225.2	173.3	138.3	115.4	98.4	84.9
-12.5°	1424.5	930.8	597.9	395.9	279.0	211.9	166.8	135.5	113.9	97.4	84.5
-15°	1139.5	779.1	524.1	358.4	255.6	197.5	158.6	131.0	111.5	95.6	83.5
-17.5°	915.2	632.0	429.3	307.4	233.0	184.9	152.2	127.4	108.6	93.7	82.2
-20°	704.0	497.8	363.4	270.5	209.7	169.3	143.4	122.2	105.4	91.8	81.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626648 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	530.6	403.2	301.7	232.5	188.0	157.3	134.7	116.3	101.4	89.1	79.4
-25°	412.3	321.6	252.3	205.4	168.9	144.0	126.6	111.6	98.2	86.4	77.5
-27.5°	326.0	261.1	216.5	180.1	153.3	135.0	120.1	106.7	94.7	84.4	75.6
-30°	264.0	221.8	187.5	160.2	141.1	125.8	113.8	102.6	91.5	81.7	73.5
-32.5°	216.3	190.3	164.5	145.0	129.1	117.4	107.6	98.1	87.6	79.0	71.3
-35°	185.2	166.3	148.0	132.4	119.0	110.1	101.4	92.6	84.0	76.0	68.8
-37.5°	163.5	148.2	134.4	121.8	111.8	103.4	95.8	88.0	80.1	72.9	66.2
-40°	146.7	133.6	122.7	113.2	105.2	98.0	91.1	83.8	76.9	69.6	63.4
-42.5°	132.9	122.6	113.2	105.8	99.1	92.9	86.8	80.5	73.7	66.8	60.3
-45°	121.6	113.5	105.6	99.1	93.3	88.1	83.4	77.1	70.5	63.5	56.9
-47.5°	112.0	105.3	98.8	92.7	87.9	83.4	78.9	73.3	66.4	59.9	54.2
-50°	103.6	98.2	92.6	87.0	82.8	78.7	73.9	68.2	62.1	56.8	51.5
-52.5°	96.8	91.9	87.0	82.3	78.2	73.9	68.8	63.8	58.7	53.7	48.8
-55°	89.9	85.9	82.0	78.1	74.3	69.9	65.2	60.2	55.1	50.4	45.4
-57.5°	84.5	80.8	77.3	73.8	70.4	66.0	61.2	56.3	51.1	46.3	41.7
-60°	78.7	75.6	72.1	68.7	65.4	61.5	56.3	51.3	46.5	42.0	37.5
-62.5°	71.5	68.4	65.4	62.2	58.7	54.9	50.1	45.5	41.4	37.4	33.4
-65°	63.3	60.5	57.6	54.3	50.7	46.8	42.8	39.4	36.2	32.8	29.2
-67.5°	54.9	52.4	49.4	46.1	43.0	39.8	36.9	34.0	31.0	28.0	24.7
-70°	47.3	45.2	42.8	39.9	37.0	34.0	31.2	28.6	25.8	23.2	20.8
-72.5°	40.0	38.1	35.9	33.3	30.7	28.2	25.9	23.7	21.5	19.4	17.2
-75°	32.6	31.0	29.2	27.1	25.0	22.9	21.0	19.2	17.4	15.6	13.7
-77.5°	25.6	24.5	23.2	21.6	20.0	18.3	16.7	15.1	13.6	12.2	10.8
-80°	19.4	18.5	17.6	16.3	15.0	13.7	12.4	11.3	10.2	9.3	8.4
-82.5°	13.5	12.8	12.1	11.2	10.3	9.3	8.5	7.8	7.1	6.5	5.9
-85°	8.1	7.7	7.3	6.8	6.3	5.8	5.4	5.0	4.7	4.3	3.9
-87.5°	3.9	3.6	3.4	3.3	3.2	3.1	3.0	2.7	2.4	2.2	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626648 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.3	0.4	0.3
67.5°	0.0	0.0	0.0	0.2	0.3	0.3	0.1	0.2	0.4	0.6	0.5
65°	0.3	0.2	0.0	0.2	0.4	0.6	0.4	0.3	0.4	0.6	0.7
62.5°	0.5	0.7	0.5	0.4	0.5	0.7	0.8	0.6	0.5	0.6	0.8
60°	0.6	0.8	0.9	0.7	0.6	0.8	0.9	0.8	0.6	0.7	0.9
57.5°	1.6	1.0	1.0	1.0	0.8	0.8	0.9	0.9	0.8	0.8	0.9
55°	3.0	2.2	1.5	1.2	1.0	0.9	0.9	0.9	0.9	0.8	0.9
52.5°	5.2	3.7	2.7	1.9	1.4	1.0	1.0	0.9	0.9	0.9	0.9
50°	8.3	5.9	4.3	3.1	1.9	1.5	1.2	1.0	0.9	0.9	0.9
47.5°	12.1	8.9	6.3	4.6	3.2	2.1	1.6	1.2	0.9	0.9	0.9
45°	14.9	12.4	8.8	6.4	4.5	3.1	2.2	1.5	1.1	0.9	0.9
42.5°	17.7	15.4	12.0	8.2	6.2	4.3	2.8	2.0	1.4	1.0	0.9
40°	21.3	18.4	15.1	11.2	8.1	5.5	3.8	2.6	1.7	1.1	1.0
37.5°	24.9	21.7	18.1	14.1	10.2	7.2	4.8	3.2	2.1	1.5	1.1
35°	29.0	25.2	21.1	16.8	12.7	9.1	5.8	4.0	2.7	1.8	1.2
32.5°	33.2	28.5	23.9	19.5	15.0	11.0	7.2	4.9	3.3	2.2	1.3
30°	37.2	31.8	26.5	22.0	17.2	13.0	8.9	5.9	3.8	2.5	1.5
27.5°	40.9	35.0	29.0	24.3	19.5	14.9	10.7	7.0	4.3	3.0	1.8
25°	44.7	38.3	31.8	26.3	21.6	16.7	12.3	8.2	5.1	3.4	2.1
22.5°	49.1	41.6	34.6	28.1	23.8	18.6	13.8	9.6	6.0	3.8	2.4
20°	53.8	44.9	37.4	30.7	25.8	20.5	15.4	10.9	6.9	4.2	2.7
17.5°	58.5	48.5	40.7	33.7	27.9	22.2	16.8	12.1	7.9	4.6	3.0
15°	61.8	52.1	43.7	36.5	29.9	23.9	18.2	13.1	8.8	4.9	3.3
12.5°	64.5	55.2	46.3	39.0	31.9	25.3	19.5	14.1	9.7	5.4	3.6
10°	66.9	57.8	48.6	41.4	33.9	26.7	20.7	14.9	10.5	6.0	3.8
7.5°	69.0	60.0	50.6	43.5	35.7	28.1	21.7	15.7	11.3	6.5	4.1
5°	70.7	61.8	52.2	44.9	37.5	29.5	22.5	16.3	11.9	7.1	4.3
2.5°	72.1	63.5	53.6	45.9	38.9	30.8	23.2	16.9	12.4	7.7	4.4
0°	73.1	64.9	54.8	46.6	40.2	32.0	23.8	17.4	12.8	8.2	4.6
-2.5°	73.8	65.1	56.1	47.5	41.0	32.9	24.9	18.0	13.1	8.7	4.9
-5°	74.0	65.1	57.0	48.2	41.6	33.7	25.8	18.5	13.4	9.1	5.1
-7.5°	74.4	65.4	57.6	48.7	41.9	34.3	26.5	18.8	13.6	9.4	5.3
-10°	74.6	65.7	57.7	49.3	42.2	34.7	27.0	19.0	13.7	9.7	5.5
-12.5°	74.4	65.7	57.7	49.7	42.4	34.9	27.2	19.4	13.9	9.8	5.7
-15°	73.8	65.3	57.5	49.7	42.4	35.1	27.3	19.7	14.2	9.9	5.8
-17.5°	72.9	64.5	57.3	49.4	42.2	35.0	27.2	19.8	14.3	9.8	6.0
-20°	72.0	63.9	57.0	48.8	41.9	34.8	27.0	19.8	14.3	9.6	6.1

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REPORT NUMBER: P626648 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	70.8	63.2	56.0	48.1	41.4	34.5	26.6	19.6	14.1	9.4	6.2
-25°	69.3	62.2	54.9	47.6	40.9	33.9	26.1	19.1	13.8	9.1	6.2
-27.5°	67.8	60.9	53.6	46.9	40.1	33.1	25.5	18.7	13.3	8.8	6.2
-30°	66.1	59.4	52.6	45.9	38.9	31.9	24.7	18.1	12.8	8.6	6.1
-32.5°	64.2	57.9	51.4	44.4	37.5	30.7	23.6	17.2	12.3	8.5	6.0
-35°	62.3	56.2	49.9	42.6	36.0	29.4	22.6	16.1	11.6	8.3	5.9
-37.5°	60.0	54.1	47.5	40.6	34.4	27.9	21.6	15.5	10.9	8.1	5.8
-40°	57.4	51.5	44.9	38.8	32.7	26.4	20.5	15.0	10.5	7.7	5.7
-42.5°	54.6	48.6	42.7	36.9	31.0	25.1	19.3	14.3	10.2	7.5	5.5
-45°	51.6	46.1	40.7	35.0	29.2	23.8	18.4	13.5	9.9	7.3	5.4
-47.5°	48.8	43.8	38.5	32.9	27.6	22.4	17.3	13.0	9.5	7.0	5.2
-50°	46.5	41.4	36.0	30.7	25.8	21.0	16.2	12.3	9.1	6.8	5.0
-52.5°	43.8	38.7	33.4	28.4	23.9	19.4	15.2	11.5	8.6	6.4	4.7
-55°	40.6	35.5	30.5	26.1	21.8	17.8	14.0	10.7	8.0	6.1	4.4
-57.5°	36.8	31.9	27.8	23.8	19.8	16.2	12.7	9.7	7.4	5.6	4.0
-60°	33.0	29.0	25.2	21.3	17.6	14.3	11.3	8.7	6.8	5.1	3.6
-62.5°	29.5	25.9	22.2	18.6	15.4	12.5	9.8	7.9	6.2	4.6	3.2
-65°	25.7	22.3	18.9	16.0	13.2	10.7	8.8	7.0	5.5	4.0	2.8
-67.5°	21.6	18.8	16.0	13.3	11.3	9.4	7.7	6.1	4.7	3.4	2.6
-70°	18.2	15.6	13.3	11.5	9.7	8.1	6.6	5.2	3.9	3.0	2.3
-72.5°	15.0	13.1	11.3	9.6	8.1	6.7	5.4	4.3	3.4	2.6	2.0
-75°	12.0	10.6	9.1	7.7	6.5	5.3	4.4	3.6	2.8	2.2	1.8
-77.5°	9.6	8.3	7.0	6.0	5.2	4.4	3.6	2.8	2.3	1.9	1.5
-80°	7.4	6.5	5.7	5.0	4.3	3.6	2.9	2.4	2.0	1.7	1.3
-82.5°	5.3	4.9	4.4	4.0	3.4	2.9	2.4	2.0	1.7	1.4	1.0
-85°	3.6	3.4	3.2	3.0	2.6	2.2	1.9	1.5	1.2	0.9	0.7
-87.5°	1.8	1.7	1.6	1.5	1.3	1.1	0.9	0.8	0.6	0.5	0.3
-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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CATALOG NUMBER: GFLD-SA1C-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.1	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	0.1	0.0
72.5°	0.0	0.1	0.1	0.0	0.0	0.1	0.0
70°	0.1	0.2	0.2	0.0	0.0	0.2	0.0
67.5°	0.3	0.3	0.3	0.1	0.1	0.2	0.0
65°	0.5	0.4	0.4	0.2	0.1	0.2	0.0
62.5°	0.7	0.5	0.5	0.3	0.1	0.2	0.0
60°	0.9	0.6	0.6	0.4	0.1	0.3	0.0
57.5°	0.9	0.7	0.6	0.5	0.2	0.3	0.0
55°	0.9	0.8	0.7	0.6	0.3	0.3	0.0
52.5°	0.9	0.9	0.7	0.7	0.3	0.3	0.0
50°	0.9	0.9	0.8	0.8	0.4	0.4	0.0
47.5°	0.9	0.9	0.8	0.9	0.5	0.4	0.0
45°	0.9	0.9	0.9	0.9	0.5	0.4	0.0
42.5°	0.9	0.9	0.9	0.9	0.6	0.4	0.0
40°	0.9	0.9	0.9	0.9	0.6	0.5	0.0
37.5°	0.9	0.9	0.9	0.9	0.7	0.5	0.0
35°	0.9	0.9	0.9	0.9	0.7	0.5	0.0
32.5°	0.9	0.9	0.9	0.9	0.7	0.6	0.0
30°	1.0	0.9	0.9	0.9	0.8	0.6	0.0
27.5°	1.1	0.9	0.9	0.9	0.8	0.6	0.0
25°	1.2	0.9	0.9	0.9	0.8	0.6	0.0
22.5°	1.3	0.9	0.9	0.9	0.8	0.7	0.0
20°	1.5	1.0	0.9	0.9	0.9	0.7	0.0
17.5°	1.6	1.1	0.9	0.9	0.9	0.7	0.0
15°	1.8	1.2	0.9	0.9	0.9	0.8	0.0
12.5°	2.0	1.3	0.9	0.9	0.9	0.8	0.0
10°	2.1	1.4	0.9	0.9	0.9	0.8	0.0
7.5°	2.3	1.5	0.9	0.9	0.9	0.8	0.0
5°	2.4	1.6	0.9	0.9	0.9	0.9	0.0
2.5°	2.6	1.7	0.9	0.9	0.9	0.9	0.0
0°	2.7	1.8	0.9	0.9	0.9	0.9	0.0
-2.5°	2.9	1.9	1.0	0.9	0.9	0.9	0.0
-5°	3.2	2.0	1.1	0.9	0.9	0.9	0.0
-7.5°	3.4	2.1	1.1	0.9	0.9	0.9	0.0
-10°	3.6	2.1	1.2	0.9	0.9	0.9	0.0
-12.5°	3.7	2.2	1.3	0.9	0.9	0.9	0.0
-15°	3.9	2.2	1.3	0.9	0.9	0.9	0.0
-17.5°	3.9	2.3	1.3	0.9	0.9	0.9	0.0
-20°	4.0	2.3	1.4	0.9	0.9	0.8	0.0

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CATALOG NUMBER: GFLD-SA1C-722-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	4.0	2.3	1.4	0.9	0.9	0.8	0.0
-25°	4.0	2.4	1.4	0.9	0.9	0.8	0.0
-27.5°	4.0	2.5	1.4	0.9	0.9	0.8	0.0
-30°	4.0	2.5	1.3	0.9	0.9	0.8	0.0
-32.5°	4.0	2.5	1.3	0.9	0.9	0.8	0.0
-35°	4.0	2.5	1.3	0.9	0.9	0.7	0.0
-37.5°	3.9	2.5	1.3	0.9	0.9	0.7	0.0
-40°	3.9	2.4	1.2	0.9	0.9	0.7	0.0
-42.5°	3.8	2.4	1.2	0.9	0.9	0.7	0.0
-45°	3.7	2.3	1.2	0.9	0.9	0.6	0.0
-47.5°	3.6	2.2	1.3	1.0	0.9	0.6	0.0
-50°	3.4	2.0	1.3	1.0	0.9	0.6	0.0
-52.5°	3.2	1.8	1.3	1.0	0.9	0.5	0.0
-55°	2.9	1.8	1.3	1.0	0.9	0.5	0.0
-57.5°	2.6	1.7	1.3	1.0	0.9	0.5	0.0
-60°	2.3	1.7	1.2	1.0	0.9	0.4	0.0
-62.5°	2.2	1.6	1.2	1.0	0.8	0.4	0.0
-65°	2.1	1.5	1.2	0.9	0.8	0.4	0.0
-67.5°	1.9	1.4	1.1	0.9	0.7	0.3	0.0
-70°	1.7	1.3	1.0	0.9	0.6	0.3	0.0
-72.5°	1.6	1.2	1.0	0.8	0.5	0.3	0.0
-75°	1.4	1.1	0.9	0.7	0.5	0.2	0.0
-77.5°	1.1	0.9	0.8	0.6	0.4	0.2	0.0
-80°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-82.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-87.5°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)