

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: P626525 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-722-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626525 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1A-722-U-MR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

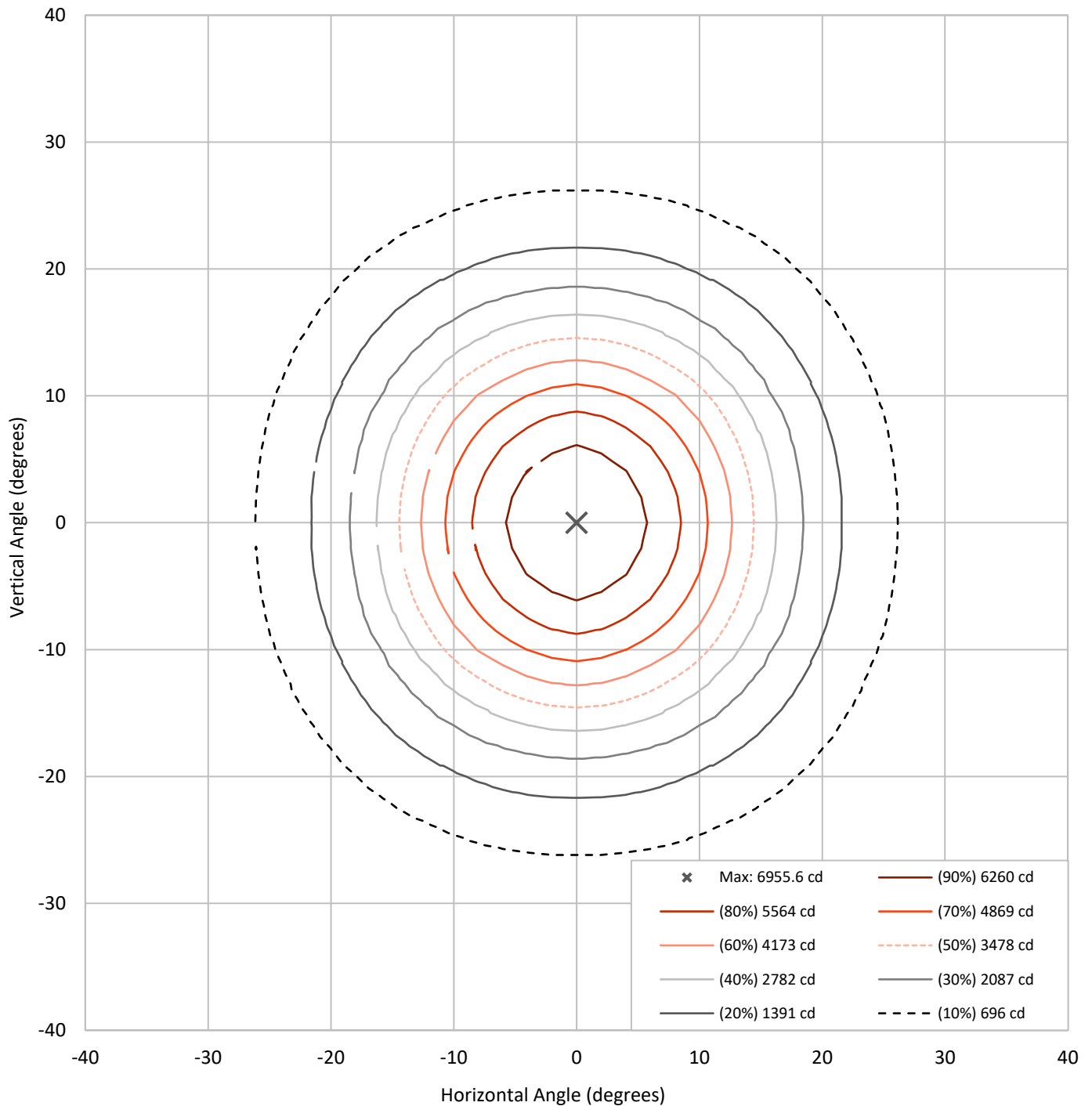
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	2173.2 lumens	Max Intensity:	6955.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	1056.6 lumens	Field Lumens:	1783.1 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	18.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





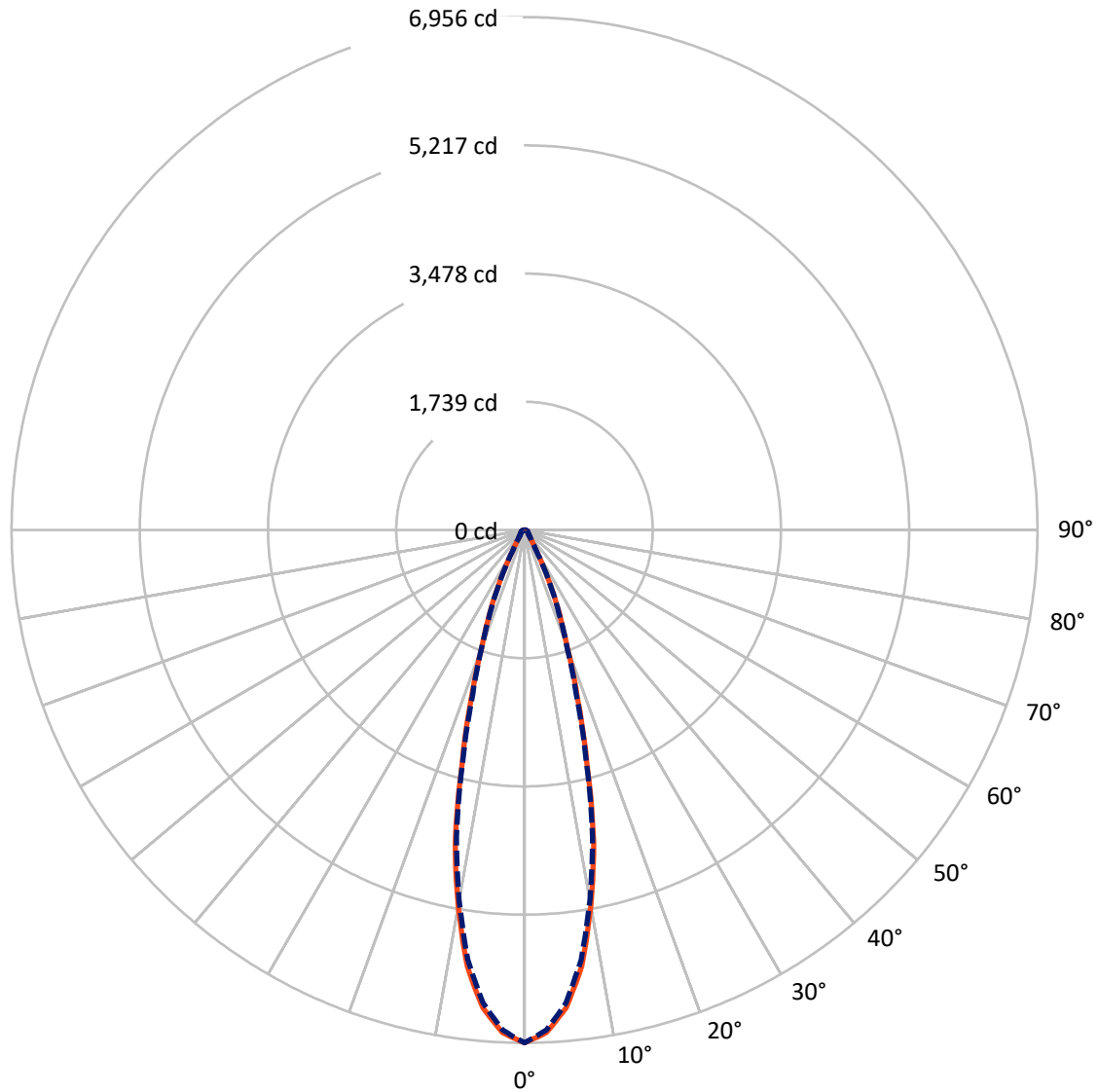
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### Lumen Table

90																			
80	0.0	0.4		0.9		1.5		1.7		1.5		0.9		0.4		0.0			
70																			
60	0.2	0.2	0.4	0.6	0.9	1.1	1.2	1.2	1.2	1.2	1.1	0.9	0.6	0.4	0.2	0.2			
50		0.3	0.6	0.9	1.2	1.5	1.7	1.7	1.7	1.7	1.5	1.2	0.9	0.6	0.3				
40	0.3	0.4	0.7	1.1	1.5	1.9	2.2	2.4	2.4	2.2	1.9	1.5	1.1	0.7	0.4	0.3			
30		0.4	0.8	1.3	1.8	2.6	3.8	4.9	4.9	3.8	2.6	1.8	1.3	0.8	0.4				
20	0.4	0.5	0.9	1.5	2.3	5.1	14.3	25.4	25.4	14.3	5.1	2.3	1.5	0.9	0.5	0.4			
10		0.5	1.0	1.6	3.2	13.3	47.5	91.1	91.1	47.5	13.3	3.2	1.6	1.0	0.5				
0	0.4	0.5	1.0	1.7	4.0	23.0	88.0	173.1	173.1	88.0	23.0	4.0	1.7	1.0	0.5	0.4			
-10		0.5	1.0	1.7	4.0	23.0	88.0	173.1	173.1	88.0	23.0	4.0	1.7	1.0	0.5				
-20	0.4	0.5	1.0	1.6	3.2	13.3	47.5	91.1	91.1	47.5	13.3	3.2	1.6	1.0	0.5	0.4			
-30		0.5	0.9	1.5	2.3	5.1	14.3	25.4	25.4	14.3	5.1	2.3	1.5	0.9	0.5				
-40	0.3	0.4	0.8	1.3	1.8	2.6	3.8	4.9	4.9	3.8	2.6	1.8	1.3	0.8	0.4	0.3			
-50		0.4	0.7	1.1	1.5	1.9	2.2	2.4	2.4	2.2	1.9	1.5	1.1	0.7	0.4				
-60	0.2	0.3	0.6	0.9	1.2	1.5	1.7	1.7	1.7	1.7	1.5	1.2	0.9	0.6	0.3	0.2			
-70		0.2	0.4	0.6	0.9	1.1	1.2	1.2	1.2	1.2	1.1	0.9	0.6	0.4	0.2				
-80																			
-90	0.0	0.4		0.9		1.5		1.7		1.5		0.9		0.4		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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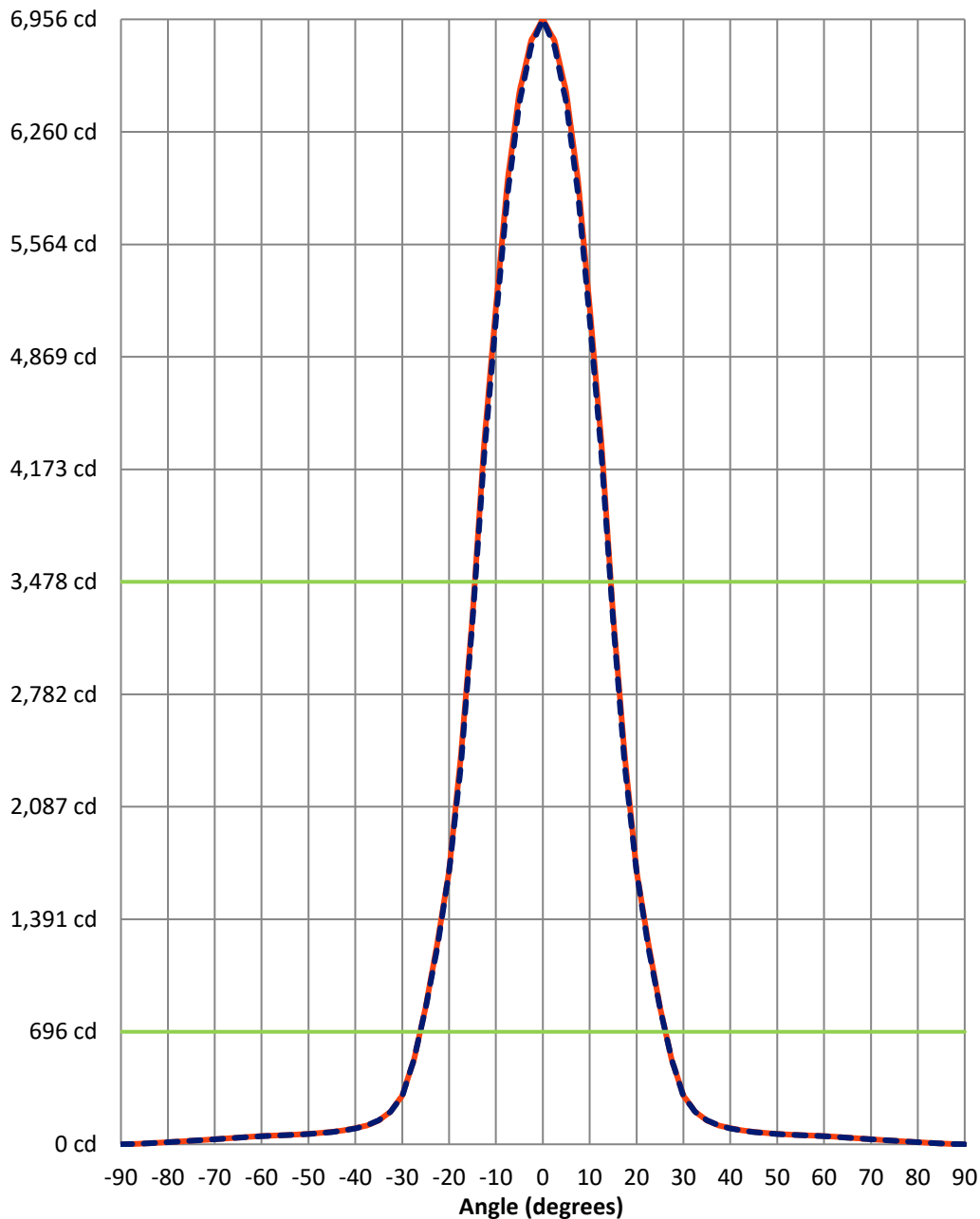
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 1056.6  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 1783.1  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 390.1  
 Efficiency: 18.0%

— 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	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
85°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
82.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.9	2.3	2.8
80°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.4	3.0	3.6	4.2
77.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.7	3.4	4.1	4.9	5.8
75°	0.0	0.5	0.9	1.4	1.9	2.7	3.5	4.3	5.2	6.3	7.4
72.5°	0.0	0.5	1.1	1.6	2.4	3.3	4.2	5.3	6.6	7.8	9.0
70°	0.0	0.6	1.2	1.9	2.9	4.0	5.0	6.4	7.8	9.3	10.8
67.5°	0.0	0.7	1.4	2.3	3.4	4.6	6.0	7.5	9.1	10.8	12.5
65°	0.0	0.8	1.5	2.6	3.9	5.3	6.9	8.6	10.5	12.4	14.3
62.5°	0.0	0.8	1.7	3.0	4.4	6.1	7.9	9.8	11.9	13.9	16.1
60°	0.0	0.9	1.8	3.3	4.9	6.8	8.8	11.0	13.2	15.5	17.9
57.5°	0.0	1.0	2.0	3.7	5.5	7.6	9.8	12.1	14.6	17.1	19.7
55°	0.0	1.0	2.3	4.0	6.0	8.3	10.7	13.3	15.9	18.6	21.4
52.5°	0.0	1.1	2.5	4.4	6.6	9.0	11.6	14.3	17.1	20.1	23.1
50°	0.0	1.2	2.7	4.7	7.2	9.7	12.5	15.4	18.3	21.5	24.6
47.5°	0.0	1.2	2.9	5.0	7.7	10.4	13.3	16.4	19.6	22.9	26.1
45°	0.0	1.3	3.1	5.4	8.2	11.1	14.2	17.4	20.8	24.2	27.4
42.5°	0.0	1.3	3.3	5.7	8.7	11.7	15.0	18.3	21.9	25.3	28.7
40°	0.0	1.4	3.4	6.1	9.1	12.3	15.7	19.3	23.0	26.4	29.9
37.5°	0.0	1.4	3.6	6.4	9.6	12.8	16.4	20.2	23.9	27.4	31.1
35°	0.0	1.5	3.8	6.7	10.0	13.4	17.1	21.0	24.7	28.4	32.2
32.5°	0.0	1.5	3.9	7.0	10.4	13.9	17.8	21.7	25.6	29.4	33.2
30°	0.0	1.6	4.1	7.2	10.7	14.4	18.4	22.4	26.3	30.2	34.2
27.5°	0.0	1.6	4.2	7.5	11.1	14.9	18.9	23.0	27.0	31.0	35.1
25°	0.0	1.6	4.3	7.7	11.4	15.3	19.4	23.6	27.6	31.8	35.9
22.5°	0.0	1.7	4.4	7.9	11.6	15.7	19.9	24.1	28.2	32.4	36.7
20°	0.0	1.7	4.5	8.0	11.9	16.0	20.3	24.5	28.7	33.0	37.4
17.5°	0.0	1.7	4.6	8.2	12.1	16.3	20.6	24.9	29.2	33.5	38.1
15°	0.0	1.7	4.7	8.3	12.3	16.5	20.9	25.2	29.6	33.9	38.6
12.5°	0.0	1.8	4.8	8.4	12.5	16.7	21.2	25.5	29.9	34.3	39.0
10°	0.0	1.8	4.8	8.4	12.6	16.8	21.5	25.8	30.2	34.7	39.4
7.5°	0.0	1.8	4.8	8.5	12.8	16.9	21.7	26.0	30.5	35.1	39.9
5°	0.0	1.8	4.9	8.5	12.8	17.0	21.8	26.2	30.7	35.4	40.2
2.5°	0.0	1.8	4.9	8.5	12.9	17.0	21.9	26.3	30.8	35.6	40.5
0°	0.0	1.8	4.9	8.5	12.9	17.0	21.9	26.3	30.8	35.7	40.6
-2.5°	0.0	1.8	4.9	8.5	12.9	17.0	21.9	26.3	30.8	35.6	40.5
-5°	0.0	1.8	4.9	8.5	12.8	17.0	21.8	26.2	30.7	35.4	40.2
-7.5°	0.0	1.8	4.8	8.5	12.8	16.9	21.7	26.0	30.5	35.1	39.9
-10°	0.0	1.8	4.8	8.4	12.6	16.8	21.5	25.8	30.2	34.7	39.4
-12.5°	0.0	1.8	4.8	8.4	12.5	16.7	21.2	25.5	29.9	34.3	39.0
-15°	0.0	1.7	4.7	8.3	12.3	16.5	20.9	25.2	29.6	33.9	38.6
-17.5°	0.0	1.7	4.6	8.2	12.1	16.3	20.6	24.9	29.2	33.5	38.1
-20°	0.0	1.7	4.5	8.0	11.9	16.0	20.3	24.5	28.7	33.0	37.4

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CATALOG NUMBER: GFLD-SA1A-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.7	4.4	7.9	11.6	15.7	19.9	24.1	28.2	32.4	36.7
-25°	0.0	1.6	4.3	7.7	11.4	15.3	19.4	23.6	27.6	31.8	35.9
-27.5°	0.0	1.6	4.2	7.5	11.1	14.9	18.9	23.0	27.0	31.0	35.1
-30°	0.0	1.6	4.1	7.2	10.7	14.4	18.4	22.4	26.3	30.2	34.2
-32.5°	0.0	1.5	3.9	7.0	10.4	13.9	17.8	21.7	25.6	29.4	33.2
-35°	0.0	1.5	3.8	6.7	10.0	13.4	17.1	21.0	24.7	28.4	32.2
-37.5°	0.0	1.4	3.6	6.4	9.6	12.8	16.4	20.2	23.9	27.4	31.1
-40°	0.0	1.4	3.4	6.1	9.1	12.3	15.7	19.3	23.0	26.4	29.9
-42.5°	0.0	1.3	3.3	5.7	8.7	11.7	15.0	18.3	21.9	25.3	28.7
-45°	0.0	1.3	3.1	5.4	8.2	11.1	14.2	17.4	20.8	24.2	27.4
-47.5°	0.0	1.2	2.9	5.0	7.7	10.4	13.3	16.4	19.6	22.9	26.1
-50°	0.0	1.2	2.7	4.7	7.2	9.7	12.5	15.4	18.3	21.5	24.6
-52.5°	0.0	1.1	2.5	4.4	6.6	9.0	11.6	14.3	17.1	20.1	23.1
-55°	0.0	1.0	2.3	4.0	6.0	8.3	10.7	13.3	15.9	18.6	21.4
-57.5°	0.0	1.0	2.0	3.7	5.5	7.6	9.8	12.1	14.6	17.1	19.7
-60°	0.0	0.9	1.8	3.3	4.9	6.8	8.8	11.0	13.2	15.5	17.9
-62.5°	0.0	0.8	1.7	3.0	4.4	6.1	7.9	9.8	11.9	13.9	16.1
-65°	0.0	0.8	1.5	2.6	3.9	5.3	6.9	8.6	10.5	12.4	14.3
-67.5°	0.0	0.7	1.4	2.3	3.4	4.6	6.0	7.5	9.1	10.8	12.5
-70°	0.0	0.6	1.2	1.9	2.9	4.0	5.0	6.4	7.8	9.3	10.8
-72.5°	0.0	0.5	1.1	1.6	2.4	3.3	4.2	5.3	6.6	7.8	9.0
-75°	0.0	0.5	0.9	1.4	1.9	2.7	3.5	4.3	5.2	6.3	7.4
-77.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.7	3.4	4.1	4.9	5.8
-80°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.4	3.0	3.6	4.2
-82.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.9	2.3	2.8
-85°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-87.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	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-SA1A-722-U-MR-XX

**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°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
85°	1.7	1.8	2.1	2.3	2.6	2.8	3.1	3.3	3.5	3.7	3.9
82.5°	3.2	3.6	4.0	4.4	4.8	5.1	5.5	5.8	6.1	6.4	6.7
80°	4.8	5.4	5.9	6.4	6.9	7.4	7.8	8.3	8.7	9.2	9.7
77.5°	6.5	7.2	7.9	8.4	9.0	9.8	10.5	11.2	11.9	12.6	13.2
75°	8.3	9.1	10.0	10.8	11.7	12.6	13.5	14.4	15.2	16.1	16.9
72.5°	10.2	11.2	12.3	13.3	14.5	15.6	16.6	17.5	18.6	19.7	20.8
70°	12.1	13.4	14.7	16.0	17.3	18.6	19.8	21.1	22.4	23.6	24.8
67.5°	14.1	15.7	17.3	18.8	20.2	21.7	23.2	24.7	26.2	27.6	29.0
65°	16.3	18.1	19.8	21.4	23.0	24.8	26.6	28.4	30.2	31.9	33.4
62.5°	18.4	20.4	22.2	24.1	26.1	28.1	30.1	32.3	34.5	36.1	37.5
60°	20.4	22.6	24.7	26.9	29.1	31.3	33.6	35.9	37.9	39.7	41.2
57.5°	22.3	24.8	27.1	29.5	31.9	34.4	37.0	39.3	41.2	42.9	44.6
55°	24.2	27.0	29.4	31.9	34.6	37.6	40.3	42.4	44.4	45.8	47.3
52.5°	26.0	28.9	31.5	34.3	37.4	40.5	43.2	45.2	46.9	48.4	49.8
50°	27.7	30.6	33.5	36.7	40.0	43.1	45.8	47.7	49.4	50.8	52.3
47.5°	29.2	32.3	35.6	39.0	42.4	45.5	48.1	50.0	51.7	53.2	54.8
45°	30.7	34.0	37.5	41.2	44.7	47.8	50.2	52.2	53.8	55.6	57.5
42.5°	32.1	35.7	39.4	43.4	47.0	49.8	52.0	54.0	55.9	58.0	60.2
40°	33.5	37.2	41.3	45.4	49.1	51.5	53.8	55.9	58.0	60.4	62.9
37.5°	34.8	38.8	43.0	47.3	50.6	53.1	55.5	57.8	60.3	62.9	65.8
35°	36.0	40.2	44.6	48.8	52.0	54.7	57.3	59.8	62.6	65.7	69.0
32.5°	37.1	41.5	46.1	50.0	53.2	56.2	59.0	61.8	65.0	68.4	72.1
30°	38.3	42.7	47.4	51.3	54.3	57.4	60.6	63.8	67.3	71.1	75.5
27.5°	39.4	43.9	48.5	52.3	55.3	58.4	61.9	65.8	69.6	73.7	78.8
25°	40.4	45.1	49.6	53.2	56.2	59.4	63.0	67.2	71.6	76.6	82.8
22.5°	41.3	46.2	50.7	53.9	56.9	60.2	64.1	68.5	73.4	79.1	86.8
20°	42.2	47.1	51.4	54.5	57.4	60.9	65.1	69.7	75.2	82.2	91.4
17.5°	42.9	47.8	51.9	55.0	58.0	61.6	65.9	70.7	76.9	85.0	95.9
15°	43.6	48.4	52.3	55.4	58.6	62.3	66.8	72.0	78.8	87.7	99.7
12.5°	44.1	48.8	52.7	55.7	59.0	62.8	67.5	73.2	80.7	90.7	104.9
10°	44.6	49.2	52.9	55.9	59.2	63.2	68.1	74.2	82.2	93.1	109.3
7.5°	45.0	49.5	53.1	56.0	59.4	63.4	68.5	74.9	83.3	94.9	112.8
5°	45.3	49.8	53.2	56.1	59.5	63.4	68.8	75.3	84.0	96.1	115.3
2.5°	45.4	49.9	53.2	56.3	59.5	63.5	69.1	75.6	84.8	97.2	116.7
0°	45.5	50.0	53.1	56.3	59.4	63.4	69.2	75.5	85.3	97.8	117.0
-2.5°	45.4	49.9	53.2	56.3	59.5	63.5	69.1	75.6	84.8	97.2	116.7
-5°	45.3	49.8	53.2	56.1	59.5	63.4	68.8	75.3	84.0	96.1	115.3
-7.5°	45.0	49.5	53.1	56.0	59.4	63.4	68.5	74.9	83.3	94.9	112.8
-10°	44.6	49.2	52.9	55.9	59.2	63.2	68.1	74.2	82.2	93.1	109.3
-12.5°	44.1	48.8	52.7	55.7	59.0	62.8	67.5	73.2	80.7	90.7	104.9
-15°	43.6	48.4	52.3	55.4	58.6	62.3	66.8	72.0	78.8	87.7	99.7
-17.5°	42.9	47.8	51.9	55.0	58.0	61.6	65.9	70.7	76.9	85.0	95.9
-20°	42.2	47.1	51.4	54.5	57.4	60.9	65.1	69.7	75.2	82.2	91.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	41.3	46.2	50.7	53.9	56.9	60.2	64.1	68.5	73.4	79.1	86.8
-25°	40.4	45.1	49.6	53.2	56.2	59.4	63.0	67.2	71.6	76.6	82.8
-27.5°	39.4	43.9	48.5	52.3	55.3	58.4	61.9	65.8	69.6	73.7	78.8
-30°	38.3	42.7	47.4	51.3	54.3	57.4	60.6	63.8	67.3	71.1	75.5
-32.5°	37.1	41.5	46.1	50.0	53.2	56.2	59.0	61.8	65.0	68.4	72.1
-35°	36.0	40.2	44.6	48.8	52.0	54.7	57.3	59.8	62.6	65.7	69.0
-37.5°	34.8	38.8	43.0	47.3	50.6	53.1	55.5	57.8	60.3	62.9	65.8
-40°	33.5	37.2	41.3	45.4	49.1	51.5	53.8	55.9	58.0	60.4	62.9
-42.5°	32.1	35.7	39.4	43.4	47.0	49.8	52.0	54.0	55.9	58.0	60.2
-45°	30.7	34.0	37.5	41.2	44.7	47.8	50.2	52.2	53.8	55.6	57.5
-47.5°	29.2	32.3	35.6	39.0	42.4	45.5	48.1	50.0	51.7	53.2	54.8
-50°	27.7	30.6	33.5	36.7	40.0	43.1	45.8	47.7	49.4	50.8	52.3
-52.5°	26.0	28.9	31.5	34.3	37.4	40.5	43.2	45.2	46.9	48.4	49.8
-55°	24.2	27.0	29.4	31.9	34.6	37.6	40.3	42.4	44.4	45.8	47.3
-57.5°	22.3	24.8	27.1	29.5	31.9	34.4	37.0	39.3	41.2	42.9	44.6
-60°	20.4	22.6	24.7	26.9	29.1	31.3	33.6	35.9	37.9	39.7	41.2
-62.5°	18.4	20.4	22.2	24.1	26.1	28.1	30.1	32.3	34.5	36.1	37.5
-65°	16.3	18.1	19.8	21.4	23.0	24.8	26.6	28.4	30.2	31.9	33.4
-67.5°	14.1	15.7	17.3	18.8	20.2	21.7	23.2	24.7	26.2	27.6	29.0
-70°	12.1	13.4	14.7	16.0	17.3	18.6	19.8	21.1	22.4	23.6	24.8
-72.5°	10.2	11.2	12.3	13.3	14.5	15.6	16.6	17.5	18.6	19.7	20.8
-75°	8.3	9.1	10.0	10.8	11.7	12.6	13.5	14.4	15.2	16.1	16.9
-77.5°	6.5	7.2	7.9	8.4	9.0	9.8	10.5	11.2	11.9	12.6	13.2
-80°	4.8	5.4	5.9	6.4	6.9	7.4	7.8	8.3	8.7	9.2	9.7
-82.5°	3.2	3.6	4.0	4.4	4.8	5.1	5.5	5.8	6.1	6.4	6.7
-85°	1.7	1.8	2.1	2.3	2.6	2.8	3.1	3.3	3.5	3.7	3.9
-87.5°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MR-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°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
85°	4.1	4.3	4.4	4.6	4.7	4.7	4.7	4.7	4.7	4.8	4.8
82.5°	7.0	7.3	7.6	7.9	8.3	8.4	8.4	8.5	8.5	8.6	8.7
80°	10.1	10.6	11.1	11.5	11.9	12.1	12.4	12.6	12.8	12.9	12.9
77.5°	13.8	14.4	15.0	15.5	16.0	16.4	16.7	16.9	17.1	17.2	17.3
75°	17.8	18.5	19.2	19.8	20.4	20.8	21.1	21.3	21.4	21.6	21.7
72.5°	21.7	22.6	23.4	24.2	24.8	25.3	25.6	25.9	26.1	26.2	26.3
70°	25.9	27.0	27.9	28.6	29.2	29.6	30.0	30.3	30.5	30.7	30.7
67.5°	30.3	31.4	32.2	32.9	33.4	33.9	34.3	34.7	34.9	35.1	35.3
65°	34.7	35.8	36.7	37.4	37.9	38.6	39.1	39.5	39.8	40.1	40.3
62.5°	38.9	40.1	41.1	42.0	43.0	43.8	44.4	44.8	45.0	45.3	45.6
60°	42.6	44.1	45.3	46.4	47.6	48.7	49.2	49.5	49.9	50.2	50.5
57.5°	46.0	47.6	49.0	50.1	51.2	52.3	53.0	53.4	53.7	53.8	53.9
55°	48.9	50.4	51.9	53.2	54.4	55.5	56.3	56.7	57.0	57.2	57.3
52.5°	51.5	53.1	54.7	56.1	57.4	58.6	59.6	60.2	60.6	60.9	61.0
50°	54.1	55.9	57.6	59.1	60.6	62.0	63.2	64.0	64.5	64.9	65.0
47.5°	56.8	58.7	60.6	62.3	64.0	65.6	67.2	68.2	69.0	69.6	70.0
45°	59.6	61.7	63.7	65.8	67.7	69.9	71.8	73.3	74.4	75.4	76.1
42.5°	62.4	64.7	67.1	69.7	72.4	74.8	77.1	79.1	80.9	82.7	84.1
40°	65.5	68.0	71.2	74.3	77.6	80.5	83.8	86.8	89.6	92.7	95.2
37.5°	68.8	72.0	75.8	79.6	83.9	88.0	92.7	97.3	101.4	106.7	110.9
35°	72.4	76.6	81.1	86.1	91.6	98.0	104.6	112.4	119.0	127.4	135.1
32.5°	76.5	81.4	87.1	94.1	101.4	111.8	121.5	134.7	146.0	160.6	176.5
30°	80.6	86.9	94.7	103.7	116.2	130.9	148.1	170.4	194.5	219.4	253.1
27.5°	85.5	93.7	103.5	117.3	136.0	156.4	191.3	229.0	281.6	323.2	397.3
25°	90.8	100.9	115.3	135.5	161.3	202.5	261.5	329.7	434.9	528.4	635.9
22.5°	97.0	110.7	129.9	156.3	201.2	272.1	364.2	504.4	660.2	814.1	954.7
20°	103.6	120.2	147.0	189.9	259.4	361.9	526.2	726.5	933.4	1144.3	1322.0
17.5°	111.3	133.8	169.1	226.1	325.3	500.8	720.2	974.9	1245.3	1514.3	1748.0
15°	117.9	145.8	193.3	278.7	426.6	646.1	915.7	1237.4	1577.4	1926.5	2304.9
12.5°	126.4	160.2	218.2	322.1	516.4	801.8	1131.6	1505.2	1920.3	2383.9	2973.8
10°	134.1	175.3	251.0	391.7	624.4	947.1	1318.0	1741.9	2280.4	2977.0	3688.6
7.5°	140.4	187.3	276.4	446.0	715.0	1071.3	1486.0	1994.2	2666.0	3495.5	4308.5
5°	144.7	195.6	294.6	487.0	787.9	1166.3	1605.2	2180.1	2990.9	3919.9	4750.0
2.5°	147.4	200.2	303.5	511.4	835.4	1223.4	1679.5	2298.3	3190.1	4190.0	5030.6
0°	148.7	200.9	297.8	523.3	842.1	1219.3	1686.3	2337.7	3237.4	4263.4	5100.5
-2.5°	147.4	200.2	303.5	511.4	835.4	1223.4	1679.5	2298.3	3190.1	4190.0	5030.6
-5°	144.7	195.6	294.6	487.0	787.9	1166.3	1605.2	2180.1	2990.9	3919.9	4750.0
-7.5°	140.4	187.3	276.4	446.0	715.0	1071.3	1486.0	1994.2	2666.0	3495.5	4308.5
-10°	134.1	175.3	251.0	391.7	624.4	947.1	1318.0	1741.9	2280.4	2977.0	3688.6
-12.5°	126.4	160.2	218.2	322.1	516.4	801.8	1131.6	1505.2	1920.3	2383.9	2973.8
-15°	117.9	145.8	193.3	278.7	426.6	646.1	915.7	1237.4	1577.4	1926.5	2304.9
-17.5°	111.3	133.8	169.1	226.1	325.3	500.8	720.2	974.9	1245.3	1514.3	1748.0
-20°	103.6	120.2	147.0	189.9	259.4	361.9	526.2	726.5	933.4	1144.3	1322.0

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	97.0	110.7	129.9	156.3	201.2	272.1	364.2	504.4	660.2	814.1	954.7
-25°	90.8	100.9	115.3	135.5	161.3	202.5	261.5	329.7	434.9	528.4	635.9
-27.5°	85.5	93.7	103.5	117.3	136.0	156.4	191.3	229.0	281.6	323.2	397.3
-30°	80.6	86.9	94.7	103.7	116.2	130.9	148.1	170.4	194.5	219.4	253.1
-32.5°	76.5	81.4	87.1	94.1	101.4	111.8	121.5	134.7	146.0	160.6	176.5
-35°	72.4	76.6	81.1	86.1	91.6	98.0	104.6	112.4	119.0	127.4	135.1
-37.5°	68.8	72.0	75.8	79.6	83.9	88.0	92.7	97.3	101.4	106.7	110.9
-40°	65.5	68.0	71.2	74.3	77.6	80.5	83.8	86.8	89.6	92.7	95.2
-42.5°	62.4	64.7	67.1	69.7	72.4	74.8	77.1	79.1	80.9	82.7	84.1
-45°	59.6	61.7	63.7	65.8	67.7	69.9	71.8	73.3	74.4	75.4	76.1
-47.5°	56.8	58.7	60.6	62.3	64.0	65.6	67.2	68.2	69.0	69.6	70.0
-50°	54.1	55.9	57.6	59.1	60.6	62.0	63.2	64.0	64.5	64.9	65.0
-52.5°	51.5	53.1	54.7	56.1	57.4	58.6	59.6	60.2	60.6	60.9	61.0
-55°	48.9	50.4	51.9	53.2	54.4	55.5	56.3	56.7	57.0	57.2	57.3
-57.5°	46.0	47.6	49.0	50.1	51.2	52.3	53.0	53.4	53.7	53.8	53.9
-60°	42.6	44.1	45.3	46.4	47.6	48.7	49.2	49.5	49.9	50.2	50.5
-62.5°	38.9	40.1	41.1	42.0	43.0	43.8	44.4	44.8	45.0	45.3	45.6
-65°	34.7	35.8	36.7	37.4	37.9	38.6	39.1	39.5	39.8	40.1	40.3
-67.5°	30.3	31.4	32.2	32.9	33.4	33.9	34.3	34.7	34.9	35.1	35.3
-70°	25.9	27.0	27.9	28.6	29.2	29.6	30.0	30.3	30.5	30.7	30.7
-72.5°	21.7	22.6	23.4	24.2	24.8	25.3	25.6	25.9	26.1	26.2	26.3
-75°	17.8	18.5	19.2	19.8	20.4	20.8	21.1	21.3	21.4	21.6	21.7
-77.5°	13.8	14.4	15.0	15.5	16.0	16.4	16.7	16.9	17.1	17.2	17.3
-80°	10.1	10.6	11.1	11.5	11.9	12.1	12.4	12.6	12.8	12.9	12.9
-82.5°	7.0	7.3	7.6	7.9	8.3	8.4	8.4	8.5	8.5	8.6	8.7
-85°	4.1	4.3	4.4	4.6	4.7	4.7	4.7	4.7	4.7	4.8	4.8
-87.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626525 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-MR-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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
85°	4.8	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
82.5°	8.8	8.9	8.9	8.9	8.9	8.9	8.8	8.7	8.6	8.5	8.5
80°	12.9	12.8	12.9	12.9	12.9	12.8	12.9	12.9	12.9	12.8	12.6
77.5°	17.3	17.3	17.4	17.4	17.4	17.3	17.3	17.3	17.2	17.1	16.9
75°	21.8	21.8	21.9	21.9	21.9	21.8	21.8	21.7	21.6	21.4	21.3
72.5°	26.3	26.2	26.3	26.3	26.3	26.2	26.3	26.3	26.2	26.1	25.9
70°	30.7	30.7	31.0	31.3	31.0	30.7	30.7	30.7	30.7	30.5	30.3
67.5°	35.5	35.5	35.9	36.2	35.9	35.5	35.5	35.3	35.1	34.9	34.7
65°	40.4	40.4	40.8	41.1	40.8	40.4	40.4	40.3	40.1	39.8	39.5
62.5°	45.8	45.8	46.1	46.4	46.1	45.8	45.8	45.6	45.3	45.0	44.8
60°	50.7	50.7	50.8	50.9	50.8	50.7	50.7	50.5	50.2	49.9	49.5
57.5°	54.0	53.9	54.0	54.0	54.0	53.9	54.0	53.9	53.8	53.7	53.4
55°	57.2	57.1	56.9	56.7	56.9	57.1	57.2	57.3	57.2	57.0	56.7
52.5°	60.9	60.7	60.5	60.3	60.5	60.7	60.9	61.0	60.9	60.6	60.2
50°	64.9	64.7	64.5	64.3	64.5	64.7	64.9	65.0	64.9	64.5	64.0
47.5°	70.2	70.3	70.3	70.1	70.3	70.3	70.2	70.0	69.6	69.0	68.2
45°	76.7	76.9	76.9	76.8	76.9	76.9	76.7	76.1	75.4	74.4	73.3
42.5°	85.1	85.7	86.0	86.2	86.0	85.7	85.1	84.1	82.7	80.9	79.1
40°	97.0	98.1	98.9	99.6	98.9	98.1	97.0	95.2	92.7	89.6	86.8
37.5°	114.1	116.2	117.1	116.5	117.1	116.2	114.1	110.9	106.7	101.4	97.3
35°	141.1	145.1	147.1	147.3	147.1	145.1	141.1	135.1	127.4	119.0	112.4
32.5°	188.2	196.4	200.7	201.4	200.7	196.4	188.2	176.5	160.6	146.0	134.7
30°	278.8	295.4	303.2	301.4	303.2	295.4	278.8	253.1	219.4	194.5	170.4
27.5°	454.9	496.3	520.9	522.8	520.9	496.3	454.9	397.3	323.2	281.6	229.0
25°	731.1	801.8	847.1	847.9	847.1	801.8	731.1	635.9	528.4	434.9	329.7
22.5°	1084.7	1181.3	1234.2	1243.4	1234.2	1181.3	1084.7	954.7	814.1	660.2	504.4
20°	1494.4	1622.9	1691.6	1691.7	1691.6	1622.9	1494.4	1322.0	1144.3	933.4	726.5
17.5°	1999.0	2207.6	2338.5	2394.9	2338.5	2207.6	1999.0	1748.0	1514.3	1245.3	974.9
15°	2669.3	3019.9	3229.9	3267.8	3229.9	3019.9	2669.3	2304.9	1926.5	1577.4	1237.4
12.5°	3485.5	3929.1	4227.3	4336.6	4227.3	3929.1	3485.5	2973.8	2383.9	1920.3	1505.2
10°	4337.7	4748.7	5068.2	5175.5	5068.2	4748.7	4337.7	3688.6	2977.0	2280.4	1741.9
7.5°	4953.3	5443.5	5803.3	5961.3	5803.3	5443.5	4953.3	4308.5	3495.5	2666.0	1994.2
5°	5439.3	6019.2	6354.2	6502.9	6354.2	6019.2	5439.3	4750.0	3919.9	2990.9	2180.1
2.5°	5758.2	6331.2	6685.9	6823.0	6685.9	6331.2	5758.2	5030.6	4190.0	3190.1	2298.3
0°	5877.4	6437.7	6788.2	6955.6	6788.2	6437.7	5877.4	5100.5	4263.4	3237.4	2337.7
-2.5°	5758.2	6331.2	6685.9	6823.0	6685.9	6331.2	5758.2	5030.6	4190.0	3190.1	2298.3
-5°	5439.3	6019.2	6354.2	6502.9	6354.2	6019.2	5439.3	4750.0	3919.9	2990.9	2180.1
-7.5°	4953.3	5443.5	5803.3	5961.3	5803.3	5443.5	4953.3	4308.5	3495.5	2666.0	1994.2
-10°	4337.7	4748.7	5068.2	5175.5	5068.2	4748.7	4337.7	3688.6	2977.0	2280.4	1741.9
-12.5°	3485.5	3929.1	4227.3	4336.6	4227.3	3929.1	3485.5	2973.8	2383.9	1920.3	1505.2
-15°	2669.3	3019.9	3229.9	3267.8	3229.9	3019.9	2669.3	2304.9	1926.5	1577.4	1237.4
-17.5°	1999.0	2207.6	2338.5	2394.9	2338.5	2207.6	1999.0	1748.0	1514.3	1245.3	974.9
-20°	1494.4	1622.9	1691.6	1691.7	1691.6	1622.9	1494.4	1322.0	1144.3	933.4	726.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1084.7	1181.3	1234.2	1243.4	1234.2	1181.3	1084.7	954.7	814.1	660.2	504.4
-25°	731.1	801.8	847.1	847.9	847.1	801.8	731.1	635.9	528.4	434.9	329.7
-27.5°	454.9	496.3	520.9	522.8	520.9	496.3	454.9	397.3	323.2	281.6	229.0
-30°	278.8	295.4	303.2	301.4	303.2	295.4	278.8	253.1	219.4	194.5	170.4
-32.5°	188.2	196.4	200.7	201.4	200.7	196.4	188.2	176.5	160.6	146.0	134.7
-35°	141.1	145.1	147.1	147.3	147.1	145.1	141.1	135.1	127.4	119.0	112.4
-37.5°	114.1	116.2	117.1	116.5	117.1	116.2	114.1	110.9	106.7	101.4	97.3
-40°	97.0	98.1	98.9	99.6	98.9	98.1	97.0	95.2	92.7	89.6	86.8
-42.5°	85.1	85.7	86.0	86.2	86.0	85.7	85.1	84.1	82.7	80.9	79.1
-45°	76.7	76.9	76.9	76.8	76.9	76.9	76.7	76.1	75.4	74.4	73.3
-47.5°	70.2	70.3	70.3	70.1	70.3	70.3	70.2	70.0	69.6	69.0	68.2
-50°	64.9	64.7	64.5	64.3	64.5	64.7	64.9	65.0	64.9	64.5	64.0
-52.5°	60.9	60.7	60.5	60.3	60.5	60.7	60.9	61.0	60.9	60.6	60.2
-55°	57.2	57.1	56.9	56.7	56.9	57.1	57.2	57.3	57.2	57.0	56.7
-57.5°	54.0	53.9	54.0	54.0	54.0	53.9	54.0	53.9	53.8	53.7	53.4
-60°	50.7	50.7	50.8	50.9	50.8	50.7	50.7	50.5	50.2	49.9	49.5
-62.5°	45.8	45.8	46.1	46.4	46.1	45.8	45.8	45.6	45.3	45.0	44.8
-65°	40.4	40.4	40.8	41.1	40.8	40.4	40.4	40.3	40.1	39.8	39.5
-67.5°	35.5	35.5	35.9	36.2	35.9	35.5	35.5	35.3	35.1	34.9	34.7
-70°	30.7	30.7	31.0	31.3	31.0	30.7	30.7	30.7	30.7	30.5	30.3
-72.5°	26.3	26.2	26.3	26.3	26.3	26.2	26.3	26.3	26.2	26.1	25.9
-75°	21.8	21.8	21.9	21.9	21.9	21.8	21.8	21.7	21.6	21.4	21.3
-77.5°	17.3	17.3	17.4	17.4	17.4	17.3	17.3	17.3	17.2	17.1	16.9
-80°	12.9	12.8	12.9	12.9	12.9	12.8	12.9	12.9	12.9	12.8	12.6
-82.5°	8.8	8.9	8.9	8.9	8.9	8.9	8.8	8.7	8.6	8.5	8.5
-85°	4.8	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
-87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	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



REPORT NUMBER: P626525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MR-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°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
85°	4.7	4.7	4.7	4.6	4.4	4.3	4.1	3.9	3.7	3.5	3.3
82.5°	8.4	8.4	8.3	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.8
80°	12.4	12.1	11.9	11.5	11.1	10.6	10.1	9.7	9.2	8.7	8.3
77.5°	16.7	16.4	16.0	15.5	15.0	14.4	13.8	13.2	12.6	11.9	11.2
75°	21.1	20.8	20.4	19.8	19.2	18.5	17.8	16.9	16.1	15.2	14.4
72.5°	25.6	25.3	24.8	24.2	23.4	22.6	21.7	20.8	19.7	18.6	17.5
70°	30.0	29.6	29.2	28.6	27.9	27.0	25.9	24.8	23.6	22.4	21.1
67.5°	34.3	33.9	33.4	32.9	32.2	31.4	30.3	29.0	27.6	26.2	24.7
65°	39.1	38.6	37.9	37.4	36.7	35.8	34.7	33.4	31.9	30.2	28.4
62.5°	44.4	43.8	43.0	42.0	41.1	40.1	38.9	37.5	36.1	34.5	32.3
60°	49.2	48.7	47.6	46.4	45.3	44.1	42.6	41.2	39.7	37.9	35.9
57.5°	53.0	52.3	51.2	50.1	49.0	47.6	46.0	44.6	42.9	41.2	39.3
55°	56.3	55.5	54.4	53.2	51.9	50.4	48.9	47.3	45.8	44.4	42.4
52.5°	59.6	58.6	57.4	56.1	54.7	53.1	51.5	49.8	48.4	46.9	45.2
50°	63.2	62.0	60.6	59.1	57.6	55.9	54.1	52.3	50.8	49.4	47.7
47.5°	67.2	65.6	64.0	62.3	60.6	58.7	56.8	54.8	53.2	51.7	50.0
45°	71.8	69.9	67.7	65.8	63.7	61.7	59.6	57.5	55.6	53.8	52.2
42.5°	77.1	74.8	72.4	69.7	67.1	64.7	62.4	60.2	58.0	55.9	54.0
40°	83.8	80.5	77.6	74.3	71.2	68.0	65.5	62.9	60.4	58.0	55.9
37.5°	92.7	88.0	83.9	79.6	75.8	72.0	68.8	65.8	62.9	60.3	57.8
35°	104.6	98.0	91.6	86.1	81.1	76.6	72.4	69.0	65.7	62.6	59.8
32.5°	121.5	111.8	101.4	94.1	87.1	81.4	76.5	72.1	68.4	65.0	61.8
30°	148.1	130.9	116.2	103.7	94.7	86.9	80.6	75.5	71.1	67.3	63.8
27.5°	191.3	156.4	136.0	117.3	103.5	93.7	85.5	78.8	73.7	69.6	65.8
25°	261.5	202.5	161.3	135.5	115.3	100.9	90.8	82.8	76.6	71.6	67.2
22.5°	364.2	272.1	201.2	156.3	129.9	110.7	97.0	86.8	79.1	73.4	68.5
20°	526.2	361.9	259.4	189.9	147.0	120.2	103.6	91.4	82.2	75.2	69.7
17.5°	720.2	500.8	325.3	226.1	169.1	133.8	111.3	95.9	85.0	76.9	70.7
15°	915.7	646.1	426.6	278.7	193.3	145.8	117.9	99.7	87.7	78.8	72.0
12.5°	1131.6	801.8	516.4	322.1	218.2	160.2	126.4	104.9	90.7	80.7	73.2
10°	1318.0	947.1	624.4	391.7	251.0	175.3	134.1	109.3	93.1	82.2	74.2
7.5°	1486.0	1071.3	715.0	446.0	276.4	187.3	140.4	112.8	94.9	83.3	74.9
5°	1605.2	1166.3	787.9	487.0	294.6	195.6	144.7	115.3	96.1	84.0	75.3
2.5°	1679.5	1223.4	835.4	511.4	303.5	200.2	147.4	116.7	97.2	84.8	75.6
0°	1686.3	1219.3	842.1	523.3	297.8	200.9	148.7	117.0	97.8	85.3	75.5
-2.5°	1679.5	1223.4	835.4	511.4	303.5	200.2	147.4	116.7	97.2	84.8	75.6
-5°	1605.2	1166.3	787.9	487.0	294.6	195.6	144.7	115.3	96.1	84.0	75.3
-7.5°	1486.0	1071.3	715.0	446.0	276.4	187.3	140.4	112.8	94.9	83.3	74.9
-10°	1318.0	947.1	624.4	391.7	251.0	175.3	134.1	109.3	93.1	82.2	74.2
-12.5°	1131.6	801.8	516.4	322.1	218.2	160.2	126.4	104.9	90.7	80.7	73.2
-15°	915.7	646.1	426.6	278.7	193.3	145.8	117.9	99.7	87.7	78.8	72.0
-17.5°	720.2	500.8	325.3	226.1	169.1	133.8	111.3	95.9	85.0	76.9	70.7
-20°	526.2	361.9	259.4	189.9	147.0	120.2	103.6	91.4	82.2	75.2	69.7

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Peachtree City, GA 30269

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REPORT NUMBER: P626525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	364.2	272.1	201.2	156.3	129.9	110.7	97.0	86.8	79.1	73.4	68.5
-25°	261.5	202.5	161.3	135.5	115.3	100.9	90.8	82.8	76.6	71.6	67.2
-27.5°	191.3	156.4	136.0	117.3	103.5	93.7	85.5	78.8	73.7	69.6	65.8
-30°	148.1	130.9	116.2	103.7	94.7	86.9	80.6	75.5	71.1	67.3	63.8
-32.5°	121.5	111.8	101.4	94.1	87.1	81.4	76.5	72.1	68.4	65.0	61.8
-35°	104.6	98.0	91.6	86.1	81.1	76.6	72.4	69.0	65.7	62.6	59.8
-37.5°	92.7	88.0	83.9	79.6	75.8	72.0	68.8	65.8	62.9	60.3	57.8
-40°	83.8	80.5	77.6	74.3	71.2	68.0	65.5	62.9	60.4	58.0	55.9
-42.5°	77.1	74.8	72.4	69.7	67.1	64.7	62.4	60.2	58.0	55.9	54.0
-45°	71.8	69.9	67.7	65.8	63.7	61.7	59.6	57.5	55.6	53.8	52.2
-47.5°	67.2	65.6	64.0	62.3	60.6	58.7	56.8	54.8	53.2	51.7	50.0
-50°	63.2	62.0	60.6	59.1	57.6	55.9	54.1	52.3	50.8	49.4	47.7
-52.5°	59.6	58.6	57.4	56.1	54.7	53.1	51.5	49.8	48.4	46.9	45.2
-55°	56.3	55.5	54.4	53.2	51.9	50.4	48.9	47.3	45.8	44.4	42.4
-57.5°	53.0	52.3	51.2	50.1	49.0	47.6	46.0	44.6	42.9	41.2	39.3
-60°	49.2	48.7	47.6	46.4	45.3	44.1	42.6	41.2	39.7	37.9	35.9
-62.5°	44.4	43.8	43.0	42.0	41.1	40.1	38.9	37.5	36.1	34.5	32.3
-65°	39.1	38.6	37.9	37.4	36.7	35.8	34.7	33.4	31.9	30.2	28.4
-67.5°	34.3	33.9	33.4	32.9	32.2	31.4	30.3	29.0	27.6	26.2	24.7
-70°	30.0	29.6	29.2	28.6	27.9	27.0	25.9	24.8	23.6	22.4	21.1
-72.5°	25.6	25.3	24.8	24.2	23.4	22.6	21.7	20.8	19.7	18.6	17.5
-75°	21.1	20.8	20.4	19.8	19.2	18.5	17.8	16.9	16.1	15.2	14.4
-77.5°	16.7	16.4	16.0	15.5	15.0	14.4	13.8	13.2	12.6	11.9	11.2
-80°	12.4	12.1	11.9	11.5	11.1	10.6	10.1	9.7	9.2	8.7	8.3
-82.5°	8.4	8.4	8.3	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.8
-85°	4.7	4.7	4.7	4.6	4.4	4.3	4.1	3.9	3.7	3.5	3.3
-87.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MR-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°	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5
85°	3.1	2.8	2.6	2.3	2.1	1.8	1.7	1.5	1.4	1.2	1.1
82.5°	5.5	5.1	4.8	4.4	4.0	3.6	3.2	2.8	2.3	1.9	1.6
80°	7.8	7.4	6.9	6.4	5.9	5.4	4.8	4.2	3.6	3.0	2.4
77.5°	10.5	9.8	9.0	8.4	7.9	7.2	6.5	5.8	4.9	4.1	3.4
75°	13.5	12.6	11.7	10.8	10.0	9.1	8.3	7.4	6.3	5.2	4.3
72.5°	16.6	15.6	14.5	13.3	12.3	11.2	10.2	9.0	7.8	6.6	5.3
70°	19.8	18.6	17.3	16.0	14.7	13.4	12.1	10.8	9.3	7.8	6.4
67.5°	23.2	21.7	20.2	18.8	17.3	15.7	14.1	12.5	10.8	9.1	7.5
65°	26.6	24.8	23.0	21.4	19.8	18.1	16.3	14.3	12.4	10.5	8.6
62.5°	30.1	28.1	26.1	24.1	22.2	20.4	18.4	16.1	13.9	11.9	9.8
60°	33.6	31.3	29.1	26.9	24.7	22.6	20.4	17.9	15.5	13.2	11.0
57.5°	37.0	34.4	31.9	29.5	27.1	24.8	22.3	19.7	17.1	14.6	12.1
55°	40.3	37.6	34.6	31.9	29.4	27.0	24.2	21.4	18.6	15.9	13.3
52.5°	43.2	40.5	37.4	34.3	31.5	28.9	26.0	23.1	20.1	17.1	14.3
50°	45.8	43.1	40.0	36.7	33.5	30.6	27.7	24.6	21.5	18.3	15.4
47.5°	48.1	45.5	42.4	39.0	35.6	32.3	29.2	26.1	22.9	19.6	16.4
45°	50.2	47.8	44.7	41.2	37.5	34.0	30.7	27.4	24.2	20.8	17.4
42.5°	52.0	49.8	47.0	43.4	39.4	35.7	32.1	28.7	25.3	21.9	18.3
40°	53.8	51.5	49.1	45.4	41.3	37.2	33.5	29.9	26.4	23.0	19.3
37.5°	55.5	53.1	50.6	47.3	43.0	38.8	34.8	31.1	27.4	23.9	20.2
35°	57.3	54.7	52.0	48.8	44.6	40.2	36.0	32.2	28.4	24.7	21.0
32.5°	59.0	56.2	53.2	50.0	46.1	41.5	37.1	33.2	29.4	25.6	21.7
30°	60.6	57.4	54.3	51.3	47.4	42.7	38.3	34.2	30.2	26.3	22.4
27.5°	61.9	58.4	55.3	52.3	48.5	43.9	39.4	35.1	31.0	27.0	23.0
25°	63.0	59.4	56.2	53.2	49.6	45.1	40.4	35.9	31.8	27.6	23.6
22.5°	64.1	60.2	56.9	53.9	50.7	46.2	41.3	36.7	32.4	28.2	24.1
20°	65.1	60.9	57.4	54.5	51.4	47.1	42.2	37.4	33.0	28.7	24.5
17.5°	65.9	61.6	58.0	55.0	51.9	47.8	42.9	38.1	33.5	29.2	24.9
15°	66.8	62.3	58.6	55.4	52.3	48.4	43.6	38.6	33.9	29.6	25.2
12.5°	67.5	62.8	59.0	55.7	52.7	48.8	44.1	39.0	34.3	29.9	25.5
10°	68.1	63.2	59.2	55.9	52.9	49.2	44.6	39.4	34.7	30.2	25.8
7.5°	68.5	63.4	59.4	56.0	53.1	49.5	45.0	39.9	35.1	30.5	26.0
5°	68.8	63.4	59.5	56.1	53.2	49.8	45.3	40.2	35.4	30.7	26.2
2.5°	69.1	63.5	59.5	56.3	53.2	49.9	45.4	40.5	35.6	30.8	26.3
0°	69.2	63.4	59.4	56.3	53.1	50.0	45.5	40.6	35.7	30.8	26.3
-2.5°	69.1	63.5	59.5	56.3	53.2	49.9	45.4	40.5	35.6	30.8	26.3
-5°	68.8	63.4	59.5	56.1	53.2	49.8	45.3	40.2	35.4	30.7	26.2
-7.5°	68.5	63.4	59.4	56.0	53.1	49.5	45.0	39.9	35.1	30.5	26.0
-10°	68.1	63.2	59.2	55.9	52.9	49.2	44.6	39.4	34.7	30.2	25.8
-12.5°	67.5	62.8	59.0	55.7	52.7	48.8	44.1	39.0	34.3	29.9	25.5
-15°	66.8	62.3	58.6	55.4	52.3	48.4	43.6	38.6	33.9	29.6	25.2
-17.5°	65.9	61.6	58.0	55.0	51.9	47.8	42.9	38.1	33.5	29.2	24.9
-20°	65.1	60.9	57.4	54.5	51.4	47.1	42.2	37.4	33.0	28.7	24.5

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Scaled Data Report



REPORT NUMBER: P626525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	64.1	60.2	56.9	53.9	50.7	46.2	41.3	36.7	32.4	28.2	24.1
-25°	63.0	59.4	56.2	53.2	49.6	45.1	40.4	35.9	31.8	27.6	23.6
-27.5°	61.9	58.4	55.3	52.3	48.5	43.9	39.4	35.1	31.0	27.0	23.0
-30°	60.6	57.4	54.3	51.3	47.4	42.7	38.3	34.2	30.2	26.3	22.4
-32.5°	59.0	56.2	53.2	50.0	46.1	41.5	37.1	33.2	29.4	25.6	21.7
-35°	57.3	54.7	52.0	48.8	44.6	40.2	36.0	32.2	28.4	24.7	21.0
-37.5°	55.5	53.1	50.6	47.3	43.0	38.8	34.8	31.1	27.4	23.9	20.2
-40°	53.8	51.5	49.1	45.4	41.3	37.2	33.5	29.9	26.4	23.0	19.3
-42.5°	52.0	49.8	47.0	43.4	39.4	35.7	32.1	28.7	25.3	21.9	18.3
-45°	50.2	47.8	44.7	41.2	37.5	34.0	30.7	27.4	24.2	20.8	17.4
-47.5°	48.1	45.5	42.4	39.0	35.6	32.3	29.2	26.1	22.9	19.6	16.4
-50°	45.8	43.1	40.0	36.7	33.5	30.6	27.7	24.6	21.5	18.3	15.4
-52.5°	43.2	40.5	37.4	34.3	31.5	28.9	26.0	23.1	20.1	17.1	14.3
-55°	40.3	37.6	34.6	31.9	29.4	27.0	24.2	21.4	18.6	15.9	13.3
-57.5°	37.0	34.4	31.9	29.5	27.1	24.8	22.3	19.7	17.1	14.6	12.1
-60°	33.6	31.3	29.1	26.9	24.7	22.6	20.4	17.9	15.5	13.2	11.0
-62.5°	30.1	28.1	26.1	24.1	22.2	20.4	18.4	16.1	13.9	11.9	9.8
-65°	26.6	24.8	23.0	21.4	19.8	18.1	16.3	14.3	12.4	10.5	8.6
-67.5°	23.2	21.7	20.2	18.8	17.3	15.7	14.1	12.5	10.8	9.1	7.5
-70°	19.8	18.6	17.3	16.0	14.7	13.4	12.1	10.8	9.3	7.8	6.4
-72.5°	16.6	15.6	14.5	13.3	12.3	11.2	10.2	9.0	7.8	6.6	5.3
-75°	13.5	12.6	11.7	10.8	10.0	9.1	8.3	7.4	6.3	5.2	4.3
-77.5°	10.5	9.8	9.0	8.4	7.9	7.2	6.5	5.8	4.9	4.1	3.4
-80°	7.8	7.4	6.9	6.4	5.9	5.4	4.8	4.2	3.6	3.0	2.4
-82.5°	5.5	5.1	4.8	4.4	4.0	3.6	3.2	2.8	2.3	1.9	1.6
-85°	3.1	2.8	2.6	2.3	2.1	1.8	1.7	1.5	1.4	1.2	1.1
-87.5°	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	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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REPORT NUMBER: P626525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MR-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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
82.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
80°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
77.5°	2.7	2.0	1.6	1.2	0.8	0.4	0.0
75°	3.5	2.7	1.9	1.4	0.9	0.5	0.0
72.5°	4.2	3.3	2.4	1.6	1.1	0.5	0.0
70°	5.0	4.0	2.9	1.9	1.2	0.6	0.0
67.5°	6.0	4.6	3.4	2.3	1.4	0.7	0.0
65°	6.9	5.3	3.9	2.6	1.5	0.8	0.0
62.5°	7.9	6.1	4.4	3.0	1.7	0.8	0.0
60°	8.8	6.8	4.9	3.3	1.8	0.9	0.0
57.5°	9.8	7.6	5.5	3.7	2.0	1.0	0.0
55°	10.7	8.3	6.0	4.0	2.3	1.0	0.0
52.5°	11.6	9.0	6.6	4.4	2.5	1.1	0.0
50°	12.5	9.7	7.2	4.7	2.7	1.2	0.0
47.5°	13.3	10.4	7.7	5.0	2.9	1.2	0.0
45°	14.2	11.1	8.2	5.4	3.1	1.3	0.0
42.5°	15.0	11.7	8.7	5.7	3.3	1.3	0.0
40°	15.7	12.3	9.1	6.1	3.4	1.4	0.0
37.5°	16.4	12.8	9.6	6.4	3.6	1.4	0.0
35°	17.1	13.4	10.0	6.7	3.8	1.5	0.0
32.5°	17.8	13.9	10.4	7.0	3.9	1.5	0.0
30°	18.4	14.4	10.7	7.2	4.1	1.6	0.0
27.5°	18.9	14.9	11.1	7.5	4.2	1.6	0.0
25°	19.4	15.3	11.4	7.7	4.3	1.6	0.0
22.5°	19.9	15.7	11.6	7.9	4.4	1.7	0.0
20°	20.3	16.0	11.9	8.0	4.5	1.7	0.0
17.5°	20.6	16.3	12.1	8.2	4.6	1.7	0.0
15°	20.9	16.5	12.3	8.3	4.7	1.7	0.0
12.5°	21.2	16.7	12.5	8.4	4.8	1.8	0.0
10°	21.5	16.8	12.6	8.4	4.8	1.8	0.0
7.5°	21.7	16.9	12.8	8.5	4.8	1.8	0.0
5°	21.8	17.0	12.8	8.5	4.9	1.8	0.0
2.5°	21.9	17.0	12.9	8.5	4.9	1.8	0.0
0°	21.9	17.0	12.9	8.5	4.9	1.8	0.0
-2.5°	21.9	17.0	12.9	8.5	4.9	1.8	0.0
-5°	21.8	17.0	12.8	8.5	4.9	1.8	0.0
-7.5°	21.7	16.9	12.8	8.5	4.8	1.8	0.0
-10°	21.5	16.8	12.6	8.4	4.8	1.8	0.0
-12.5°	21.2	16.7	12.5	8.4	4.8	1.8	0.0
-15°	20.9	16.5	12.3	8.3	4.7	1.7	0.0
-17.5°	20.6	16.3	12.1	8.2	4.6	1.7	0.0
-20°	20.3	16.0	11.9	8.0	4.5	1.7	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.9	15.7	11.6	7.9	4.4	1.7	0.0
-25°	19.4	15.3	11.4	7.7	4.3	1.6	0.0
-27.5°	18.9	14.9	11.1	7.5	4.2	1.6	0.0
-30°	18.4	14.4	10.7	7.2	4.1	1.6	0.0
-32.5°	17.8	13.9	10.4	7.0	3.9	1.5	0.0
-35°	17.1	13.4	10.0	6.7	3.8	1.5	0.0
-37.5°	16.4	12.8	9.6	6.4	3.6	1.4	0.0
-40°	15.7	12.3	9.1	6.1	3.4	1.4	0.0
-42.5°	15.0	11.7	8.7	5.7	3.3	1.3	0.0
-45°	14.2	11.1	8.2	5.4	3.1	1.3	0.0
-47.5°	13.3	10.4	7.7	5.0	2.9	1.2	0.0
-50°	12.5	9.7	7.2	4.7	2.7	1.2	0.0
-52.5°	11.6	9.0	6.6	4.4	2.5	1.1	0.0
-55°	10.7	8.3	6.0	4.0	2.3	1.0	0.0
-57.5°	9.8	7.6	5.5	3.7	2.0	1.0	0.0
-60°	8.8	6.8	4.9	3.3	1.8	0.9	0.0
-62.5°	7.9	6.1	4.4	3.0	1.7	0.8	0.0
-65°	6.9	5.3	3.9	2.6	1.5	0.8	0.0
-67.5°	6.0	4.6	3.4	2.3	1.4	0.7	0.0
-70°	5.0	4.0	2.9	1.9	1.2	0.6	0.0
-72.5°	4.2	3.3	2.4	1.6	1.1	0.5	0.0
-75°	3.5	2.7	1.9	1.4	0.9	0.5	0.0
-77.5°	2.7	2.0	1.6	1.2	0.8	0.4	0.0
-80°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-82.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-85°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)