

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: P626628 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626628 (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-SA1B-740-U-NR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (16) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

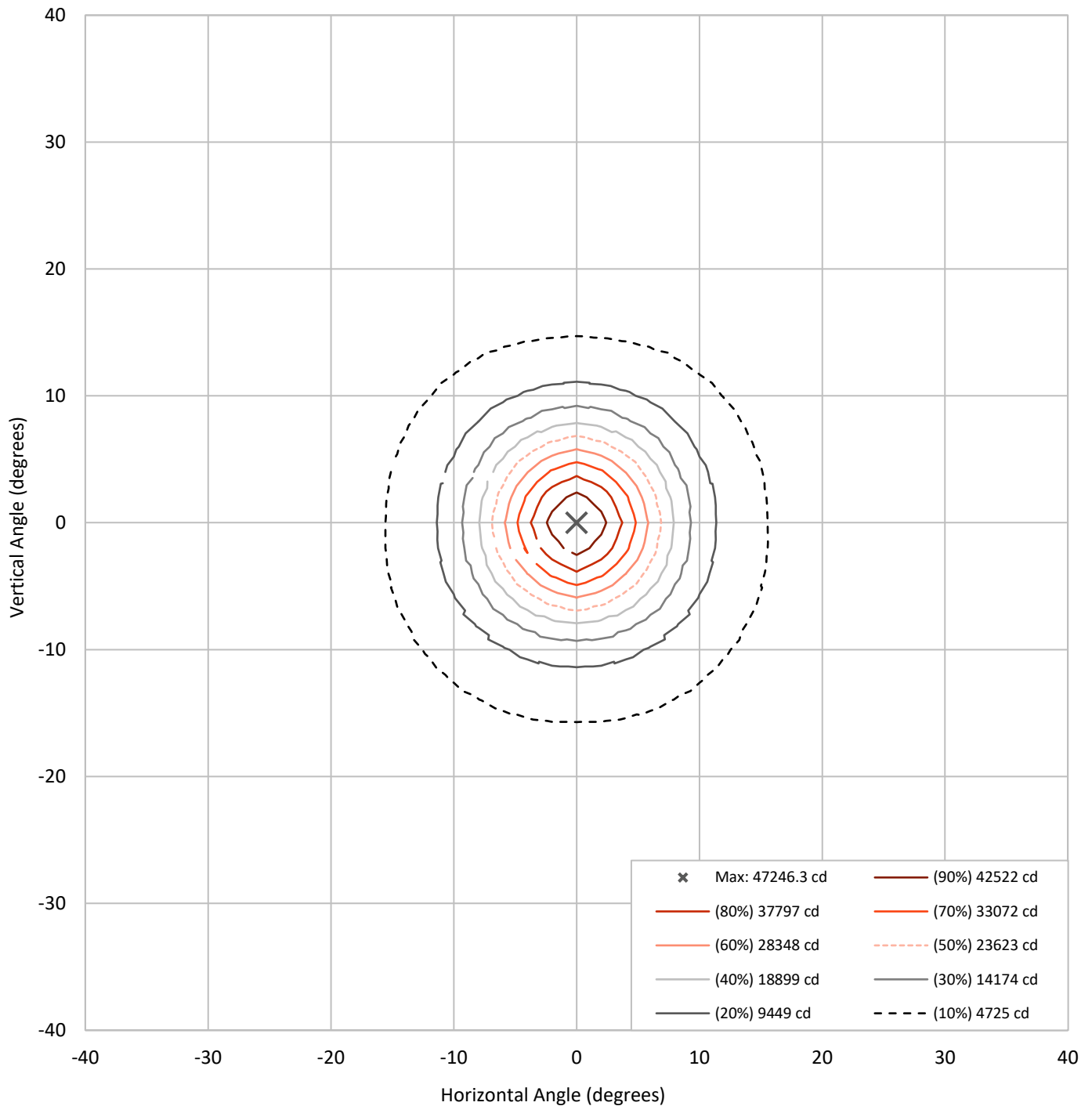
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	4660.9 lumens	Max Intensity:	47246.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	139.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	1488 lumens	Field Lumens:	3314.2 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	33.5		
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		



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### Iso-Candela Plot





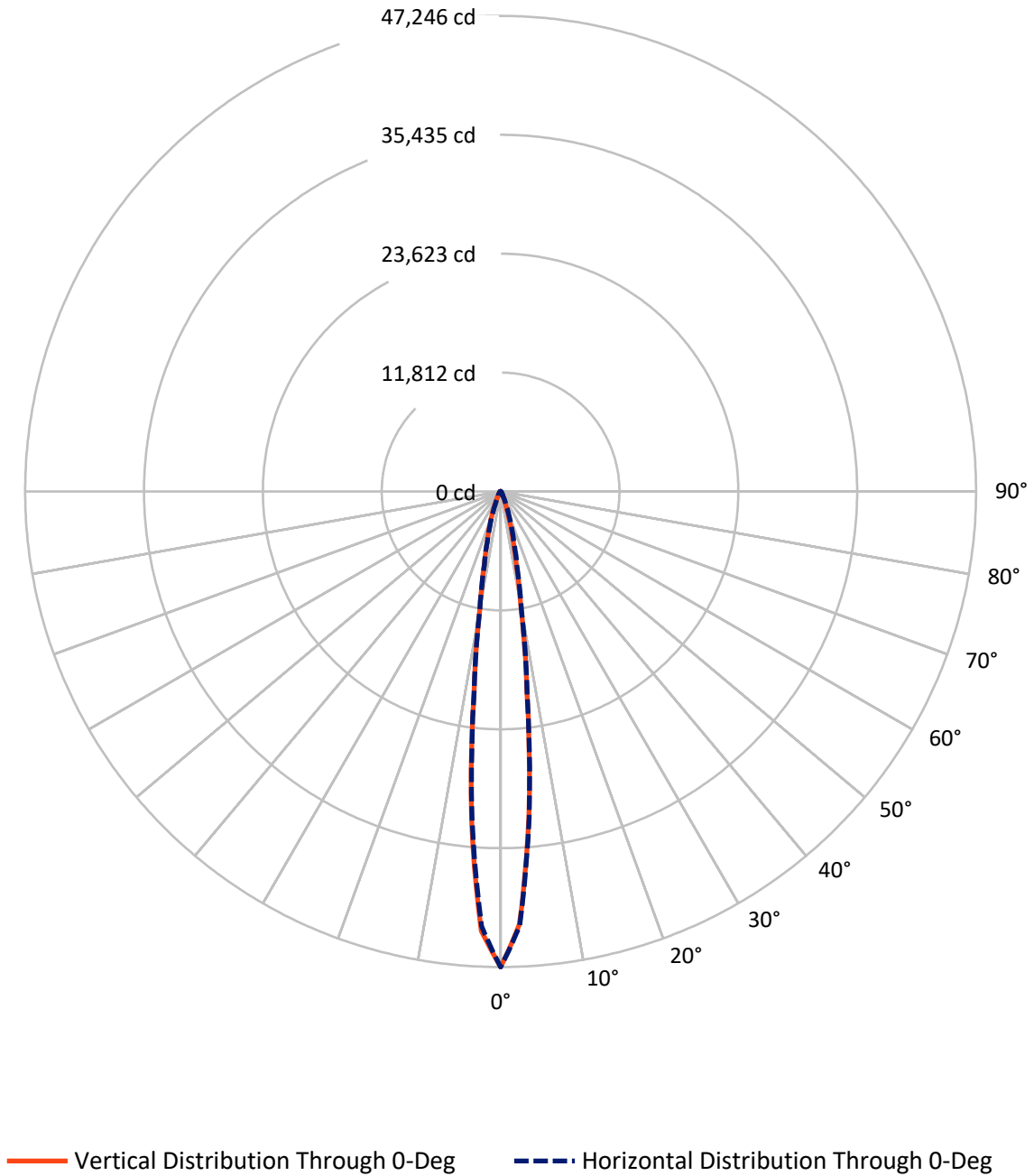
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### Lumen Table

90	0.0																		
80	0.0																		
70	0.0																		
60	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			
50	0.0	0.0	0.1	0.3	0.4	0.6	0.7	0.7	0.6	0.4	0.3	0.1	0.0	0.0	0.0	0.0			
40	0.0	0.0	0.1	0.3	0.8	1.1	1.6	1.9	1.9	1.6	1.1	0.8	0.4	0.1	0.0	0.0			
30	0.0	0.1	0.3	0.8	1.4	2.2	3.8	4.8	4.8	3.8	2.2	1.4	0.8	0.3	0.1	0.0			
20	0.0	0.1	0.5	1.2	2.2	4.7	12.7	21.0	21.0	12.7	4.7	2.2	1.2	0.5	0.1	0.0			
10	0.0	0.2	0.7	1.7	3.6	14.2	59.7	131.3	131.3	59.7	14.2	3.6	1.7	0.7	0.2	0.0			
0	0.1	0.3	0.9	2.0	4.9	26.6	143.2	642.1	642.1	143.2	26.6	4.9	2.0	0.9	0.3	0.1			
-10	0.1	0.3	0.9	2.1	5.3	28.3	148.2	653.0	653.0	148.2	28.3	5.3	2.1	0.9	0.3	0.1			
-20	0.1	0.3	1.0	2.0	4.6	18.0	71.9	153.9	153.9	71.9	18.0	4.6	2.0	1.0	0.3	0.1			
-30	0.1	0.3	0.9	1.9	3.6	8.4	22.2	36.9	36.9	22.2	8.4	3.6	1.9	0.9	0.3	0.1			
-40	0.1	0.3	0.8	1.6	2.8	4.6	7.5	9.6	9.6	7.5	4.6	2.8	1.6	0.8	0.3	0.1			
-50	0.1	0.2	0.7	1.4	2.3	3.2	4.3	4.9	4.9	4.3	3.2	2.3	1.4	0.7	0.2	0.1			
-60	0.1	0.2	0.5	1.1	1.8	2.5	3.1	3.4	3.4	3.1	2.5	1.8	1.1	0.5	0.2	0.1			
-70	0.1	0.1	0.3	0.7	1.2	1.7	2.2	2.4	2.4	2.2	1.7	1.2	0.7	0.3	0.1	0.1			
-80	0.0	0.3		1.2		2.6		3.3		2.6		1.2		0.3		0.0			
-90	0.0																		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

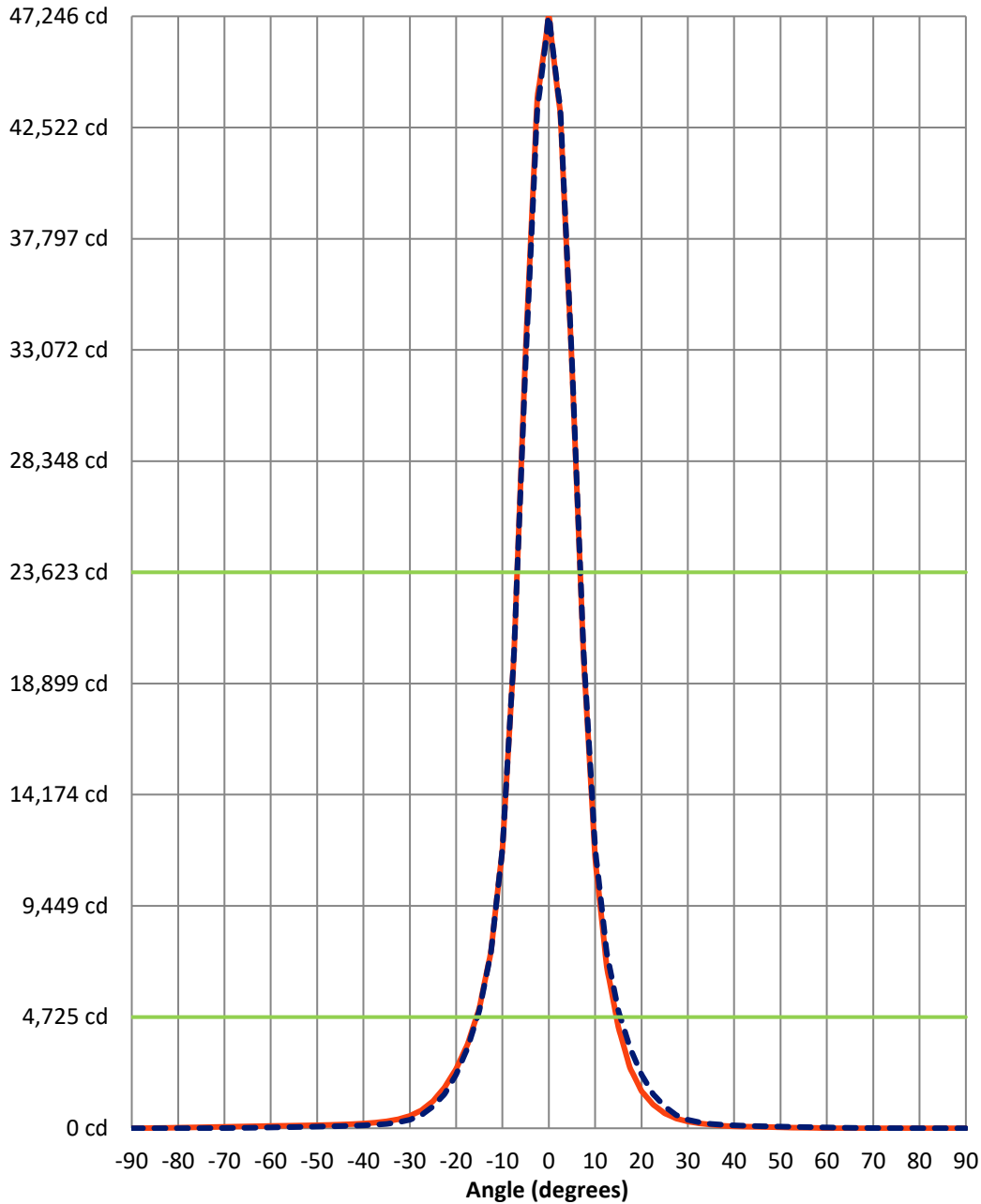
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 1488  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 3314.2  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 1346.7  
 Efficiency: 28.9%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	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	0.2	0.0	0.0	0.1	0.2	0.1	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	0.4	0.1
67.5°	0.0	0.2	0.1	0.1	0.3	0.3	0.4	0.6	0.6	0.4	0.2
65°	0.0	0.2	0.1	0.2	0.4	0.4	0.6	0.8	0.7	0.4	0.3
62.5°	0.0	0.3	0.1	0.3	0.5	0.6	0.8	0.9	0.7	0.5	0.6
60°	0.0	0.3	0.1	0.4	0.6	0.7	1.0	1.0	0.8	0.7	0.9
57.5°	0.0	0.3	0.2	0.5	0.7	0.8	1.0	1.0	0.8	0.9	1.0
55°	0.0	0.3	0.3	0.6	0.8	0.9	1.0	1.0	0.9	1.0	1.0
52.5°	0.0	0.4	0.4	0.7	0.8	1.0	1.0	1.0	1.0	1.0	1.0
50°	0.0	0.4	0.5	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.2
47.5°	0.0	0.4	0.5	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.4
45°	0.0	0.5	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.6
42.5°	0.0	0.5	0.6	1.0	1.0	1.0	1.0	1.0	1.1	1.5	2.2
40°	0.0	0.5	0.7	1.0	1.0	1.0	1.0	1.1	1.3	1.8	2.8
37.5°	0.0	0.6	0.7	1.0	1.0	1.0	1.0	1.2	1.6	2.3	3.5
35°	0.0	0.6	0.8	1.0	1.0	1.0	1.0	1.3	2.0	2.9	4.3
32.5°	0.0	0.6	0.8	1.0	1.0	1.0	1.0	1.5	2.4	3.6	5.3
30°	0.0	0.6	0.9	1.0	1.0	1.0	1.1	1.7	2.8	4.1	6.5
27.5°	0.0	0.7	0.9	1.0	1.0	1.0	1.2	2.0	3.2	4.7	7.7
25°	0.0	0.7	0.9	1.0	1.0	1.0	1.4	2.3	3.7	5.5	9.0
22.5°	0.0	0.7	0.9	1.0	1.0	1.0	1.5	2.6	4.2	6.6	10.5
20°	0.0	0.8	1.0	1.0	1.0	1.1	1.6	3.0	4.6	7.6	11.9
17.5°	0.0	0.8	1.0	1.0	1.0	1.2	1.8	3.3	5.0	8.6	13.2
15°	0.0	0.8	1.0	1.0	1.0	1.3	2.0	3.6	5.4	9.6	14.4
12.5°	0.0	0.9	1.0	1.0	1.0	1.4	2.2	3.9	5.9	10.6	15.4
10°	0.0	0.9	1.0	1.0	1.0	1.5	2.4	4.2	6.5	11.5	16.3
7.5°	0.0	0.9	1.0	1.0	1.0	1.6	2.5	4.4	7.2	12.3	17.2
5°	0.0	1.0	1.0	1.0	1.0	1.8	2.7	4.6	7.8	13.0	17.9
2.5°	0.0	1.0	1.0	1.0	1.0	1.9	2.9	4.8	8.4	13.5	18.5
0°	0.0	1.0	1.0	1.0	1.0	2.0	3.0	5.0	9.0	14.0	19.0
-2.5°	0.0	1.0	1.0	1.0	1.1	2.1	3.3	5.3	9.5	14.4	19.6
-5°	0.0	1.0	1.0	1.0	1.2	2.2	3.5	5.6	10.0	14.7	20.2
-7.5°	0.0	1.0	1.0	1.0	1.3	2.3	3.7	5.8	10.3	14.9	20.6
-10°	0.0	1.0	1.0	1.0	1.3	2.4	3.9	6.0	10.6	15.0	20.8
-12.5°	0.0	1.0	1.0	1.0	1.4	2.4	4.1	6.2	10.7	15.2	21.2
-15°	0.0	1.0	1.0	1.0	1.5	2.5	4.2	6.4	10.8	15.5	21.6
-17.5°	0.0	1.0	1.0	1.0	1.5	2.5	4.3	6.5	10.7	15.7	21.7
-20°	0.0	0.9	1.0	1.0	1.5	2.6	4.4	6.7	10.5	15.6	21.7

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Scaled Data Report



REPORT NUMBER: P626628 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.9	1.0	1.0	1.5	2.6	4.4	6.7	10.3	15.5	21.4
-25°	0.0	0.9	1.0	1.0	1.5	2.6	4.4	6.8	10.0	15.1	21.0
-27.5°	0.0	0.9	1.0	1.0	1.5	2.7	4.4	6.8	9.6	14.6	20.5
-30°	0.0	0.9	1.0	1.0	1.5	2.8	4.4	6.7	9.4	14.1	19.8
-32.5°	0.0	0.8	1.0	1.0	1.5	2.8	4.4	6.6	9.3	13.4	18.9
-35°	0.0	0.8	1.0	1.0	1.4	2.8	4.4	6.5	9.1	12.7	17.7
-37.5°	0.0	0.8	1.0	1.0	1.4	2.7	4.3	6.4	8.8	11.9	17.0
-40°	0.0	0.8	1.0	1.0	1.4	2.7	4.3	6.2	8.5	11.4	16.4
-42.5°	0.0	0.7	1.0	1.0	1.3	2.6	4.2	6.1	8.2	11.2	15.6
-45°	0.0	0.7	1.0	1.0	1.4	2.5	4.1	5.9	8.0	10.8	14.8
-47.5°	0.0	0.7	1.0	1.1	1.4	2.4	3.9	5.7	7.7	10.4	14.2
-50°	0.0	0.6	1.0	1.1	1.4	2.2	3.7	5.4	7.4	10.0	13.5
-52.5°	0.0	0.6	1.0	1.1	1.4	2.0	3.5	5.1	7.0	9.4	12.6
-55°	0.0	0.6	1.0	1.1	1.4	2.0	3.2	4.8	6.6	8.7	11.7
-57.5°	0.0	0.5	1.0	1.1	1.4	1.9	2.9	4.4	6.1	8.1	10.6
-60°	0.0	0.5	1.0	1.1	1.4	1.9	2.6	4.0	5.6	7.4	9.5
-62.5°	0.0	0.5	0.9	1.1	1.3	1.8	2.5	3.5	5.0	6.7	8.6
-65°	0.0	0.4	0.8	1.0	1.3	1.7	2.3	3.1	4.4	6.0	7.7
-67.5°	0.0	0.4	0.8	1.0	1.2	1.6	2.1	2.8	3.7	5.1	6.7
-70°	0.0	0.3	0.7	1.0	1.2	1.5	1.9	2.6	3.3	4.3	5.7
-72.5°	0.0	0.3	0.6	0.9	1.1	1.3	1.7	2.3	2.9	3.7	4.6
-75°	0.0	0.3	0.5	0.8	1.0	1.2	1.5	2.0	2.5	3.1	3.9
-77.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.7	2.2	2.6	3.1
-80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.4	1.8	2.2	2.6
-82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.5	1.9	2.2
-85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.7	1.0	1.3	1.7
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	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-SA1B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
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°	0.5	0.6	0.5	0.3	0.0	0.2	0.3	0.3	0.0	0.0	0.0
62.5°	0.9	0.8	0.6	0.4	0.6	0.8	0.6	0.3	0.1	0.5	0.7
60°	1.0	0.8	0.7	0.8	1.0	0.9	0.7	1.0	1.5	1.8	2.2
57.5°	1.0	0.9	0.9	1.1	1.1	1.1	1.8	2.3	3.3	4.1	4.7
55°	1.0	1.0	1.1	1.4	1.7	2.4	3.3	4.6	5.7	7.3	8.7
52.5°	1.1	1.1	1.5	2.0	3.0	4.1	5.7	7.6	9.7	11.3	13.0
50°	1.3	1.7	2.1	3.4	4.8	6.5	9.0	11.8	13.6	15.4	17.9
47.5°	1.8	2.3	3.5	5.0	7.0	9.7	13.2	15.2	17.0	19.8	22.9
45°	2.4	3.4	4.9	7.0	9.7	13.6	16.3	17.9	21.0	24.3	27.8
42.5°	3.1	4.7	6.8	9.0	13.2	16.9	19.4	21.9	25.1	28.9	32.7
40°	4.2	6.0	8.8	12.3	16.5	20.1	23.3	26.2	29.3	34.3	38.3
37.5°	5.3	7.9	11.1	15.4	19.8	23.8	27.3	31.0	35.4	41.0	44.6
35°	6.3	9.9	13.9	18.4	23.1	27.6	31.8	36.1	41.8	47.1	51.4
32.5°	7.9	12.0	16.4	21.3	26.2	31.2	36.3	41.5	47.1	52.6	58.2
30°	9.8	14.2	18.8	24.1	29.0	34.8	40.7	46.2	51.8	57.6	64.0
27.5°	11.7	16.2	21.3	26.6	31.7	38.3	44.7	50.5	56.2	62.5	69.7
25°	13.4	18.3	23.6	28.8	34.8	41.9	48.9	55.6	60.4	67.5	76.0
22.5°	15.1	20.3	26.0	30.8	37.8	45.6	53.7	60.8	66.6	72.9	82.5
20°	16.8	22.4	28.2	33.6	40.9	49.2	58.8	66.2	73.3	81.5	91.3
17.5°	18.4	24.3	30.5	36.9	44.5	53.1	64.1	71.6	80.1	89.9	102.2
15°	19.9	26.1	32.7	39.9	47.8	57.0	67.6	77.0	87.2	98.5	113.1
12.5°	21.4	27.8	34.9	42.7	50.7	60.4	70.6	80.5	92.3	107.1	125.4
10°	22.7	29.2	37.0	45.3	53.2	63.3	73.2	83.6	96.0	112.2	133.2
7.5°	23.7	30.7	39.1	47.6	55.3	65.7	75.5	86.1	99.1	116.4	138.5
5°	24.6	32.3	41.0	49.1	57.2	67.7	77.4	88.1	101.5	119.8	142.2
2.5°	25.4	33.7	42.6	50.2	58.7	69.5	78.9	90.3	104.0	122.3	145.7
0°	26.0	35.0	44.0	51.0	60.0	71.0	80.0	92.0	106.0	124.0	149.0
-2.5°	27.2	36.0	44.8	51.9	61.4	71.2	80.7	92.2	106.7	125.3	149.6
-5°	28.2	36.9	45.4	52.7	62.4	71.2	81.0	92.0	107.0	126.0	150.7
-7.5°	29.0	37.5	45.8	53.2	63.0	71.5	81.5	92.8	107.8	126.7	152.1
-10°	29.5	38.0	46.2	53.9	63.1	71.9	81.7	92.9	107.6	126.3	151.3
-12.5°	29.8	38.3	46.3	54.3	63.1	71.8	81.4	92.5	106.5	124.7	148.2
-15°	29.9	38.4	46.3	54.4	62.9	71.4	80.8	91.4	104.6	122.0	143.4
-17.5°	29.8	38.3	46.1	54.0	62.7	70.6	79.8	90.0	102.6	118.9	139.5
-20°	29.5	38.1	45.8	53.3	62.4	69.8	78.8	88.7	100.5	115.3	133.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626628 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	29.1	37.7	45.3	52.6	61.2	69.1	77.5	86.9	97.5	110.9	127.2
-25°	28.6	37.0	44.7	52.0	60.0	68.0	75.9	84.8	94.5	107.4	122.1
-27.5°	28.0	36.2	43.8	51.3	58.6	66.6	74.2	82.7	92.3	103.6	116.8
-30°	27.1	35.0	42.6	50.2	57.5	64.9	72.3	80.4	89.4	100.1	112.3
-32.5°	25.9	33.6	41.0	48.6	56.2	63.3	70.2	78.0	86.5	95.8	107.4
-35°	24.7	32.1	39.4	46.6	54.6	61.4	68.1	75.2	83.1	91.8	101.3
-37.5°	23.6	30.6	37.6	44.4	52.0	59.1	65.6	72.4	79.7	87.7	96.2
-40°	22.4	28.9	35.8	42.4	49.0	56.3	62.8	69.3	76.1	84.1	91.7
-42.5°	21.2	27.5	33.9	40.3	46.7	53.2	59.7	65.9	73.0	80.6	88.1
-45°	20.1	26.0	31.9	38.2	44.5	50.3	56.4	62.3	69.5	77.1	84.4
-47.5°	18.9	24.5	30.2	35.9	42.0	47.9	53.4	59.3	65.5	72.6	80.3
-50°	17.7	22.9	28.2	33.6	39.4	45.3	50.8	56.3	62.1	68.0	74.6
-52.5°	16.6	21.2	26.1	31.0	36.5	42.3	47.9	53.3	58.7	64.2	69.9
-55°	15.3	19.5	23.9	28.5	33.3	38.8	44.4	49.7	55.2	60.3	65.8
-57.5°	13.9	17.7	21.6	26.0	30.4	34.9	40.3	45.6	50.7	55.9	61.6
-60°	12.3	15.7	19.3	23.3	27.6	31.7	36.1	41.0	45.9	50.9	56.1
-62.5°	10.7	13.6	16.9	20.3	24.3	28.3	32.3	36.5	41.0	45.3	49.8
-65°	9.6	11.7	14.4	17.5	20.7	24.3	28.1	32.0	35.9	39.5	43.1
-67.5°	8.4	10.3	12.3	14.6	17.5	20.6	23.6	27.0	30.6	33.9	37.2
-70°	7.2	8.8	10.6	12.5	14.6	17.1	19.9	22.7	25.4	28.2	31.3
-72.5°	5.9	7.3	8.9	10.5	12.3	14.3	16.4	18.8	21.2	23.5	25.9
-75°	4.8	5.8	7.0	8.4	10.0	11.5	13.1	15.0	17.0	19.1	21.1
-77.5°	4.0	4.9	5.7	6.6	7.7	9.1	10.5	11.9	13.3	14.8	16.5
-80°	3.2	3.9	4.7	5.5	6.2	7.1	8.1	9.2	10.2	11.2	12.3
-82.5°	2.7	3.2	3.8	4.4	4.8	5.3	5.8	6.4	7.1	7.8	8.5
-85°	2.1	2.5	2.9	3.3	3.5	3.7	4.0	4.2	4.7	5.1	5.5
-87.5°	1.0	1.2	1.5	1.7	1.8	1.9	2.0	2.1	2.4	2.7	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626628 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.1	0.0	0.0
62.5°	0.6	0.5	0.8	1.0	1.1	1.1	1.0	0.9	0.8	0.7	0.8
60°	2.4	2.4	3.3	3.7	3.4	2.4	3.8	4.4	4.3	3.7	3.6
57.5°	5.9	7.1	8.0	8.4	9.8	11.9	12.3	11.6	11.4	11.6	13.4
55°	10.2	11.2	11.7	13.5	15.1	16.3	17.0	17.7	18.7	20.0	21.3
52.5°	14.4	15.8	16.9	18.5	20.4	21.1	20.9	23.4	25.3	26.5	27.0
50°	19.8	21.5	24.0	26.5	27.6	28.7	29.9	31.9	34.8	38.5	40.6
47.5°	25.5	28.3	30.9	33.8	35.3	36.4	38.1	41.7	45.9	49.8	51.9
45°	30.7	33.2	36.2	38.7	40.5	42.7	45.2	48.4	53.1	57.2	60.1
42.5°	34.9	37.7	40.8	43.8	45.6	48.6	52.4	56.7	61.7	66.0	69.2
40°	40.8	43.1	48.0	50.9	51.6	54.4	61.9	67.9	73.4	78.7	81.4
37.5°	47.9	52.5	57.5	60.2	62.7	67.6	77.7	87.3	94.4	101.6	105.5
35°	55.9	61.9	68.9	72.0	77.5	88.2	99.9	113.3	129.9	136.9	143.2
32.5°	63.8	70.5	76.9	83.8	93.5	106.3	119.5	141.2	161.4	177.1	188.5
30°	70.7	77.8	85.7	94.7	108.3	125.9	148.1	176.1	204.6	229.5	250.5
27.5°	77.6	85.7	95.1	108.4	127.6	151.5	186.9	226.8	274.4	309.5	351.4
25°	85.1	94.3	106.4	125.8	151.6	187.4	243.9	308.8	386.9	450.1	516.3
22.5°	94.0	107.7	123.0	144.5	189.7	248.7	325.8	436.8	556.8	667.8	774.7
20°	104.7	123.4	148.0	187.7	245.7	332.9	467.0	644.0	820.6	1008.7	1189.7
17.5°	120.1	147.0	185.2	241.7	318.1	490.6	708.2	982.1	1334.0	1652.9	1931.3
15°	134.5	166.6	227.0	311.4	444.7	673.4	1003.7	1455.9	2004.3	2504.1	3032.0
12.5°	149.6	187.6	256.9	364.4	549.6	847.3	1311.6	1931.1	2617.8	3371.1	4229.1
10°	161.6	207.7	290.7	426.9	655.2	1026.0	1579.1	2330.3	3242.9	4357.6	5729.2
7.5°	169.6	223.8	318.6	472.7	752.5	1208.7	1874.5	2777.5	3918.3	5395.2	7314.5
5°	176.0	236.1	339.6	514.5	834.8	1348.2	2093.4	3169.1	4518.6	6497.4	9750.0
2.5°	181.0	245.5	352.5	543.3	886.4	1445.4	2240.3	3390.7	4876.0	7312.3	11532.1
0°	185.0	254.0	361.0	561.0	926.0	1455.1	2286.1	3431.2	5004.2	7459.4	11915.6
-2.5°	186.7	258.6	363.9	564.9	922.0	1471.8	2300.1	3463.6	4999.4	7378.8	11487.3
-5°	189.5	258.5	361.7	560.9	901.4	1428.6	2208.7	3282.3	4697.9	6744.2	10110.2
-7.5°	191.5	254.4	351.2	535.5	847.3	1335.4	2048.2	2982.1	4148.9	5702.7	7787.3
-10°	189.7	246.5	333.8	492.9	763.1	1185.9	1804.2	2585.7	3555.4	4706.9	6123.3
-12.5°	182.5	231.8	305.3	433.1	654.2	1018.4	1558.6	2224.0	2941.7	3750.4	4729.2
-15°	173.5	216.1	279.6	392.2	573.4	852.4	1246.8	1786.6	2362.3	2976.3	3631.1
-17.5°	166.5	202.3	254.9	336.4	469.6	691.5	1001.4	1384.9	1808.0	2275.4	2663.4
-20°	157.0	185.2	229.4	296.0	397.6	544.6	770.3	1048.9	1328.2	1656.8	1924.8

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626628 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	147.4	172.1	205.7	254.4	330.0	441.1	580.5	766.5	970.7	1159.4	1345.1
-25°	138.6	157.6	184.8	224.7	276.0	351.8	451.1	557.8	692.3	807.2	934.6
-27.5°	131.4	147.7	167.8	197.1	236.9	285.6	356.7	428.2	499.0	556.9	644.7
-30°	124.5	137.6	154.4	175.3	205.2	242.7	288.9	335.2	376.1	413.3	459.0
-32.5°	117.7	128.4	141.3	158.6	180.0	208.3	236.6	269.9	298.3	324.5	348.7
-35°	110.9	120.4	130.2	144.8	161.9	182.0	202.6	225.1	244.8	262.4	278.0
-37.5°	104.8	113.1	122.4	133.2	147.0	162.1	178.9	195.3	208.3	219.7	229.2
-40°	99.6	107.2	115.1	123.8	134.3	146.2	160.5	174.1	183.2	190.2	195.9
-42.5°	95.0	101.7	108.4	115.8	123.8	134.1	145.4	156.7	162.8	168.3	172.4
-45°	91.3	96.4	102.0	108.4	115.5	124.1	133.0	140.8	146.2	150.9	154.4
-47.5°	86.3	91.3	96.2	101.4	108.0	115.2	122.6	128.5	133.3	137.4	140.0
-50°	80.9	86.1	90.6	95.2	101.3	107.4	113.3	118.3	122.8	126.8	128.9
-52.5°	75.3	80.9	85.6	90.1	95.2	100.5	105.9	110.1	114.1	117.8	119.4
-55°	71.3	76.4	81.3	85.5	89.7	94.0	98.3	102.7	106.7	110.2	111.3
-57.5°	66.9	72.2	77.0	80.8	84.6	88.4	92.4	96.4	100.2	103.6	104.5
-60°	61.6	67.3	71.6	75.1	78.8	82.6	86.1	89.6	93.2	96.2	97.1
-62.5°	54.9	60.0	64.3	68.0	71.6	74.9	78.3	81.6	84.8	87.1	87.9
-65°	46.8	51.2	55.5	59.4	63.0	66.2	69.3	72.3	75.2	77.3	78.3
-67.5°	40.4	43.5	47.0	50.4	54.0	57.2	60.1	62.7	65.2	66.9	68.0
-70°	34.2	37.2	40.5	43.7	46.8	49.5	51.7	53.9	56.0	57.6	58.7
-72.5°	28.3	30.9	33.6	36.4	39.3	41.7	43.7	45.7	47.5	48.8	49.9
-75°	23.0	25.1	27.4	29.7	32.0	33.9	35.6	37.3	38.9	40.1	41.1
-77.5°	18.3	20.0	21.8	23.6	25.4	26.8	28.1	29.3	30.5	31.5	32.3
-80°	13.5	14.9	16.4	17.8	19.2	20.3	21.2	22.1	23.0	23.5	24.0
-82.5°	9.2	10.2	11.2	12.2	13.3	14.0	14.8	15.5	16.3	16.5	16.7
-85°	5.9	6.4	6.9	7.5	8.0	8.5	8.9	9.3	9.7	10.0	10.3
-87.5°	3.3	3.4	3.5	3.5	3.6	3.9	4.2	4.5	4.8	4.9	4.9
-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: P626628 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
62.5°	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.8	0.9
60°	3.4	3.0	3.0	3.0	3.0	3.0	3.4	3.6	3.7	4.3	4.4
57.5°	15.2	16.9	17.4	17.0	17.4	16.9	15.2	13.4	11.6	11.4	11.6
55°	22.1	22.7	22.9	23.0	22.9	22.7	22.1	21.3	20.0	18.7	17.7
52.5°	27.2	27.0	26.9	27.0	26.9	27.0	27.2	27.0	26.5	25.3	23.4
50°	40.8	40.1	39.8	40.0	39.8	40.1	40.8	40.6	38.5	34.8	31.9
47.5°	52.2	52.4	52.7	53.0	52.7	52.4	52.2	51.9	49.8	45.9	41.7
45°	60.9	61.4	61.8	62.0	61.8	61.4	60.9	60.1	57.2	53.1	48.4
42.5°	69.8	69.9	69.8	70.0	69.8	69.9	69.8	69.2	66.0	61.7	56.7
40°	82.5	82.7	82.4	82.0	82.4	82.7	82.5	81.4	78.7	73.4	67.9
37.5°	107.8	108.1	106.9	106.0	106.9	108.1	107.8	105.5	101.6	94.4	87.3
35°	149.0	153.3	155.3	156.0	155.3	153.3	149.0	143.2	136.9	129.9	113.3
32.5°	196.4	202.4	205.4	208.0	205.4	202.4	196.4	188.5	177.1	161.4	141.2
30°	264.3	275.3	280.1	287.0	280.1	275.3	264.3	250.5	229.5	204.6	176.1
27.5°	375.1	394.4	405.1	415.0	405.1	394.4	375.1	351.4	309.5	274.4	226.8
25°	564.5	601.6	625.7	637.0	625.7	601.6	564.5	516.3	450.1	386.9	308.8
22.5°	878.2	946.7	999.4	1010.0	999.4	946.7	878.2	774.7	667.8	556.8	436.8
20°	1365.3	1463.3	1543.0	1583.1	1543.0	1463.3	1365.3	1189.7	1008.7	820.6	644.0
17.5°	2263.0	2466.7	2559.8	2575.1	2559.8	2466.7	2263.0	1931.3	1652.9	1334.0	982.1
15°	3598.5	3943.3	4162.2	4303.2	4162.2	3943.3	3598.5	3032.0	2504.1	2004.3	1455.9
12.5°	5122.2	6102.1	6659.7	6872.3	6659.7	6102.1	5122.2	4229.1	3371.1	2617.8	1931.1
10°	7190.3	9497.2	10828.0	11497.6	10828.0	9497.2	7190.3	5729.2	4357.6	3242.9	2330.3
7.5°	10700.4	14263.4	18211.1	20037.5	18211.1	14263.4	10700.4	7314.5	5395.2	3918.3	2777.5
5°	14390.3	22213.3	29079.6	32367.6	29079.6	22213.3	14390.3	9750.0	6497.4	4518.6	3169.1
2.5°	18631.3	29181.3	38935.6	43037.1	38935.6	29181.3	18631.3	11532.1	7312.3	4876.0	3390.7
0°	20263.5	32552.6	43220.6	47246.3	43220.6	32552.6	20263.5	11915.6	7459.4	5004.2	3431.2
-2.5°	18883.6	29692.4	39103.2	43703.1	39103.2	29692.4	18883.6	11487.3	7378.8	4999.4	3463.6
-5°	15004.0	22335.7	29305.3	33053.6	29305.3	22335.7	15004.0	10110.2	6744.2	4697.9	3282.3
-7.5°	11012.0	15003.3	18874.0	20227.5	18874.0	15003.3	11012.0	7787.3	5702.7	4148.9	2982.1
-10°	7666.8	9952.4	11461.1	11891.6	11461.1	9952.4	7666.8	6123.3	4706.9	3555.4	2585.7
-12.5°	5684.2	6683.9	7379.4	7500.4	7379.4	6683.9	5684.2	4729.2	3750.4	2941.7	2224.0
-15°	4209.0	4717.4	5076.1	5100.2	5076.1	4717.4	4209.0	3631.1	2976.3	2362.3	1786.6
-17.5°	3076.8	3418.0	3599.1	3586.2	3599.1	3418.0	3076.8	2663.4	2275.4	1808.0	1384.9
-20°	2200.1	2405.8	2551.6	2523.1	2551.6	2405.8	2200.1	1924.8	1656.8	1328.2	1048.9



REPORT NUMBER: P626628 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1534.1	1670.6	1756.1	1734.1	1756.1	1670.6	1534.1	1345.1	1159.4	970.7	766.5
-25°	1042.4	1116.8	1159.1	1152.1	1159.1	1116.8	1042.4	934.6	807.2	692.3	557.8
-27.5°	710.3	749.6	762.7	762.0	762.7	749.6	710.3	644.7	556.9	499.0	428.2
-30°	493.0	519.4	534.5	525.0	534.5	519.4	493.0	459.0	413.3	376.1	335.2
-32.5°	367.4	382.3	390.9	382.0	390.9	382.3	367.4	348.7	324.5	298.3	269.9
-35°	289.6	297.1	300.1	295.0	300.1	297.1	289.6	278.0	262.4	244.8	225.1
-37.5°	236.1	240.5	242.0	239.0	242.0	240.5	236.1	229.2	219.7	208.3	195.3
-40°	200.0	202.8	203.4	201.0	203.4	202.8	200.0	195.9	190.2	183.2	174.1
-42.5°	175.0	176.6	177.0	176.0	177.0	176.6	175.0	172.4	168.3	162.8	156.7
-45°	156.4	157.8	158.1	157.0	158.1	157.8	156.4	154.4	150.9	146.2	140.8
-47.5°	141.4	142.2	142.4	142.0	142.4	142.2	141.4	140.0	137.4	133.3	128.5
-50°	129.8	130.4	130.5	130.0	130.5	130.4	129.8	128.9	126.8	122.8	118.3
-52.5°	120.2	120.6	120.9	121.0	120.9	120.6	120.2	119.4	117.8	114.1	110.1
-55°	112.0	112.6	112.9	113.0	112.9	112.6	112.0	111.3	110.2	106.7	102.7
-57.5°	105.1	105.6	105.9	106.0	105.9	105.6	105.1	104.5	103.6	100.2	96.4
-60°	97.9	98.5	98.9	99.0	98.9	98.5	97.9	97.1	96.2	93.2	89.6
-62.5°	88.4	88.7	88.9	89.0	88.9	88.7	88.4	87.9	87.1	84.8	81.6
-65°	79.1	79.6	79.9	80.0	79.9	79.6	79.1	78.3	77.3	75.2	72.3
-67.5°	68.9	69.6	70.4	71.0	70.4	69.6	68.9	68.0	66.9	65.2	62.7
-70°	59.8	60.7	60.9	61.0	60.9	60.7	59.8	58.7	57.6	56.0	53.9
-72.5°	50.9	51.7	52.4	53.0	52.4	51.7	50.9	49.9	48.8	47.5	45.7
-75°	42.0	42.8	42.9	43.0	42.9	42.8	42.0	41.1	40.1	38.9	37.3
-77.5°	33.1	33.8	34.0	34.0	34.0	33.8	33.1	32.3	31.5	30.5	29.3
-80°	24.5	24.9	25.5	26.0	25.5	24.9	24.5	24.0	23.5	23.0	22.1
-82.5°	16.8	16.9	17.0	17.0	17.0	16.9	16.8	16.7	16.5	16.3	15.5
-85°	10.6	11.0	11.0	11.0	11.0	11.0	10.6	10.3	10.0	9.7	9.3
-87.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	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: P626628 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
65°	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3
62.5°	1.0	1.1	1.1	1.0	0.8	0.5	0.6	0.7	0.5	0.1	0.3
60°	3.8	2.4	3.4	3.7	3.3	2.4	2.4	2.2	1.8	1.5	1.0
57.5°	12.3	11.9	9.8	8.4	8.0	7.1	5.9	4.7	4.1	3.3	2.3
55°	17.0	16.3	15.1	13.5	11.7	11.2	10.2	8.7	7.3	5.7	4.6
52.5°	20.9	21.1	20.4	18.5	16.9	15.8	14.4	13.0	11.3	9.7	7.6
50°	29.9	28.7	27.6	26.5	24.0	21.5	19.8	17.9	15.4	13.6	11.8
47.5°	38.1	36.4	35.3	33.8	30.9	28.3	25.5	22.9	19.8	17.0	15.2
45°	45.2	42.7	40.5	38.7	36.2	33.2	30.7	27.8	24.3	21.0	17.9
42.5°	52.4	48.6	45.6	43.8	40.8	37.7	34.9	32.7	28.9	25.1	21.9
40°	61.9	54.4	51.6	50.9	48.0	43.1	40.8	38.3	34.3	29.3	26.2
37.5°	77.7	67.6	62.7	60.2	57.5	52.5	47.9	44.6	41.0	35.4	31.0
35°	99.9	88.2	77.5	72.0	68.9	61.9	55.9	51.4	47.1	41.8	36.1
32.5°	119.5	106.3	93.5	83.8	76.9	70.5	63.8	58.2	52.6	47.1	41.5
30°	148.1	125.9	108.3	94.7	85.7	77.8	70.7	64.0	57.6	51.8	46.2
27.5°	186.9	151.5	127.6	108.4	95.1	85.7	77.6	69.7	62.5	56.2	50.5
25°	243.9	187.4	151.6	125.8	106.4	94.3	85.1	76.0	67.5	60.4	55.6
22.5°	325.8	248.7	189.7	144.5	123.0	107.7	94.0	82.5	72.9	66.6	60.8
20°	467.0	332.9	245.7	187.7	148.0	123.4	104.7	91.3	81.5	73.3	66.2
17.5°	708.2	490.6	318.1	241.7	185.2	147.0	120.1	102.2	89.9	80.1	71.6
15°	1003.7	673.4	444.7	311.4	227.0	166.6	134.5	113.1	98.5	87.2	77.0
12.5°	1311.6	847.3	549.6	364.4	256.9	187.6	149.6	125.4	107.1	92.3	80.5
10°	1579.1	1026.0	655.2	426.9	290.7	207.7	161.6	133.2	112.2	96.0	83.6
7.5°	1874.5	1208.7	752.5	472.7	318.6	223.8	169.6	138.5	116.4	99.1	86.1
5°	2093.4	1348.2	834.8	514.5	339.6	236.1	176.0	142.2	119.8	101.5	88.1
2.5°	2240.3	1445.4	886.4	543.3	352.5	245.5	181.0	145.7	122.3	104.0	90.3
0°	2286.1	1455.1	926.0	561.0	361.0	254.0	185.0	149.0	124.0	106.0	92.0
-2.5°	2300.1	1471.8	922.0	564.9	363.9	258.6	186.7	149.6	125.3	106.7	92.2
-5°	2208.7	1428.6	901.4	560.9	361.7	258.5	189.5	150.7	126.0	107.0	92.0
-7.5°	2048.2	1335.4	847.3	535.5	351.2	254.4	191.5	152.1	126.7	107.8	92.8
-10°	1804.2	1185.9	763.1	492.9	333.8	246.5	189.7	151.3	126.3	107.6	92.9
-12.5°	1558.6	1018.4	654.2	433.1	305.3	231.8	182.5	148.2	124.7	106.5	92.5
-15°	1246.8	852.4	573.4	392.2	279.6	216.1	173.5	143.4	122.0	104.6	91.4
-17.5°	1001.4	691.5	469.6	336.4	254.9	202.3	166.5	139.5	118.9	102.6	90.0
-20°	770.3	544.6	397.6	296.0	229.4	185.2	157.0	133.7	115.3	100.5	88.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626628 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	580.5	441.1	330.0	254.4	205.7	172.1	147.4	127.2	110.9	97.5	86.9
-25°	451.1	351.8	276.0	224.7	184.8	157.6	138.6	122.1	107.4	94.5	84.8
-27.5°	356.7	285.6	236.9	197.1	167.8	147.7	131.4	116.8	103.6	92.3	82.7
-30°	288.9	242.7	205.2	175.3	154.4	137.6	124.5	112.3	100.1	89.4	80.4
-32.5°	236.6	208.3	180.0	158.6	141.3	128.4	117.7	107.4	95.8	86.5	78.0
-35°	202.6	182.0	161.9	144.8	130.2	120.4	110.9	101.3	91.8	83.1	75.2
-37.5°	178.9	162.1	147.0	133.2	122.4	113.1	104.8	96.2	87.7	79.7	72.4
-40°	160.5	146.2	134.3	123.8	115.1	107.2	99.6	91.7	84.1	76.1	69.3
-42.5°	145.4	134.1	123.8	115.8	108.4	101.7	95.0	88.1	80.6	73.0	65.9
-45°	133.0	124.1	115.5	108.4	102.0	96.4	91.3	84.4	77.1	69.5	62.3
-47.5°	122.6	115.2	108.0	101.4	96.2	91.3	86.3	80.3	72.6	65.5	59.3
-50°	113.3	107.4	101.3	95.2	90.6	86.1	80.9	74.6	68.0	62.1	56.3
-52.5°	105.9	100.5	95.2	90.1	85.6	80.9	75.3	69.9	64.2	58.7	53.3
-55°	98.3	94.0	89.7	85.5	81.3	76.4	71.3	65.8	60.3	55.2	49.7
-57.5°	92.4	88.4	84.6	80.8	77.0	72.2	66.9	61.6	55.9	50.7	45.6
-60°	86.1	82.6	78.8	75.1	71.6	67.3	61.6	56.1	50.9	45.9	41.0
-62.5°	78.3	74.9	71.6	68.0	64.3	60.0	54.9	49.8	45.3	41.0	36.5
-65°	69.3	66.2	63.0	59.4	55.5	51.2	46.8	43.1	39.5	35.9	32.0
-67.5°	60.1	57.2	54.0	50.4	47.0	43.5	40.4	37.2	33.9	30.6	27.0
-70°	51.7	49.5	46.8	43.7	40.5	37.2	34.2	31.3	28.2	25.4	22.7
-72.5°	43.7	41.7	39.3	36.4	33.6	30.9	28.3	25.9	23.5	21.2	18.8
-75°	35.6	33.9	32.0	29.7	27.4	25.1	23.0	21.1	19.1	17.0	15.0
-77.5°	28.1	26.8	25.4	23.6	21.8	20.0	18.3	16.5	14.8	13.3	11.9
-80°	21.2	20.3	19.2	17.8	16.4	14.9	13.5	12.3	11.2	10.2	9.2
-82.5°	14.8	14.0	13.3	12.2	11.2	10.2	9.2	8.5	7.8	7.1	6.4
-85°	8.9	8.5	8.0	7.5	6.9	6.4	5.9	5.5	5.1	4.7	4.2
-87.5°	4.2	3.9	3.6	3.5	3.5	3.4	3.3	3.0	2.7	2.4	2.1
-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: P626628 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.4	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	0.6
65°	0.3	0.2	0.0	0.3	0.5	0.6	0.5	0.3	0.4	0.7	0.8
62.5°	0.6	0.8	0.6	0.4	0.6	0.8	0.9	0.6	0.5	0.7	0.9
60°	0.7	0.9	1.0	0.8	0.7	0.8	1.0	0.9	0.7	0.8	1.0
57.5°	1.8	1.1	1.1	1.1	0.9	0.9	1.0	1.0	0.9	0.8	1.0
55°	3.3	2.4	1.7	1.4	1.1	1.0	1.0	1.0	1.0	0.9	1.0
52.5°	5.7	4.1	3.0	2.0	1.5	1.1	1.1	1.0	1.0	1.0	1.0
50°	9.0	6.5	4.8	3.4	2.1	1.7	1.3	1.2	1.0	1.0	1.0
47.5°	13.2	9.7	7.0	5.0	3.5	2.3	1.8	1.4	1.0	1.0	1.0
45°	16.3	13.6	9.7	7.0	4.9	3.4	2.4	1.6	1.2	1.0	1.0
42.5°	19.4	16.9	13.2	9.0	6.8	4.7	3.1	2.2	1.5	1.1	1.0
40°	23.3	20.1	16.5	12.3	8.8	6.0	4.2	2.8	1.8	1.3	1.1
37.5°	27.3	23.8	19.8	15.4	11.1	7.9	5.3	3.5	2.3	1.6	1.2
35°	31.8	27.6	23.1	18.4	13.9	9.9	6.3	4.3	2.9	2.0	1.3
32.5°	36.3	31.2	26.2	21.3	16.4	12.0	7.9	5.3	3.6	2.4	1.5
30°	40.7	34.8	29.0	24.1	18.8	14.2	9.8	6.5	4.1	2.8	1.7
27.5°	44.7	38.3	31.7	26.6	21.3	16.2	11.7	7.7	4.7	3.2	2.0
25°	48.9	41.9	34.8	28.8	23.6	18.3	13.4	9.0	5.5	3.7	2.3
22.5°	53.7	45.6	37.8	30.8	26.0	20.3	15.1	10.5	6.6	4.2	2.6
20°	58.8	49.2	40.9	33.6	28.2	22.4	16.8	11.9	7.6	4.6	3.0
17.5°	64.1	53.1	44.5	36.9	30.5	24.3	18.4	13.2	8.6	5.0	3.3
15°	67.6	57.0	47.8	39.9	32.7	26.1	19.9	14.4	9.6	5.4	3.6
12.5°	70.6	60.4	50.7	42.7	34.9	27.8	21.4	15.4	10.6	5.9	3.9
10°	73.2	63.3	53.2	45.3	37.0	29.2	22.7	16.3	11.5	6.5	4.2
7.5°	75.5	65.7	55.3	47.6	39.1	30.7	23.7	17.2	12.3	7.2	4.4
5°	77.4	67.7	57.2	49.1	41.0	32.3	24.6	17.9	13.0	7.8	4.6
2.5°	78.9	69.5	58.7	50.2	42.6	33.7	25.4	18.5	13.5	8.4	4.8
0°	80.0	71.0	60.0	51.0	44.0	35.0	26.0	19.0	14.0	9.0	5.0
-2.5°	80.7	71.2	61.4	51.9	44.8	36.0	27.2	19.6	14.4	9.5	5.3
-5°	81.0	71.2	62.4	52.7	45.4	36.9	28.2	20.2	14.7	10.0	5.6
-7.5°	81.5	71.5	63.0	53.2	45.8	37.5	29.0	20.6	14.9	10.3	5.8
-10°	81.7	71.9	63.1	53.9	46.2	38.0	29.5	20.8	15.0	10.6	6.0
-12.5°	81.4	71.8	63.1	54.3	46.3	38.3	29.8	21.2	15.2	10.7	6.2
-15°	80.8	71.4	62.9	54.4	46.3	38.4	29.9	21.6	15.5	10.8	6.4
-17.5°	79.8	70.6	62.7	54.0	46.1	38.3	29.8	21.7	15.7	10.7	6.5
-20°	78.8	69.8	62.4	53.3	45.8	38.1	29.5	21.7	15.6	10.5	6.7

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Scaled Data Report



REPORT NUMBER: P626628 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	77.5	69.1	61.2	52.6	45.3	37.7	29.1	21.4	15.5	10.3	6.7
-25°	75.9	68.0	60.0	52.0	44.7	37.0	28.6	21.0	15.1	10.0	6.8
-27.5°	74.2	66.6	58.6	51.3	43.8	36.2	28.0	20.5	14.6	9.6	6.8
-30°	72.3	64.9	57.5	50.2	42.6	35.0	27.1	19.8	14.1	9.4	6.7
-32.5°	70.2	63.3	56.2	48.6	41.0	33.6	25.9	18.9	13.4	9.3	6.6
-35°	68.1	61.4	54.6	46.6	39.4	32.1	24.7	17.7	12.7	9.1	6.5
-37.5°	65.6	59.1	52.0	44.4	37.6	30.6	23.6	17.0	11.9	8.8	6.4
-40°	62.8	56.3	49.0	42.4	35.8	28.9	22.4	16.4	11.4	8.5	6.2
-42.5°	59.7	53.2	46.7	40.3	33.9	27.5	21.2	15.6	11.2	8.2	6.1
-45°	56.4	50.3	44.5	38.2	31.9	26.0	20.1	14.8	10.8	8.0	5.9
-47.5°	53.4	47.9	42.0	35.9	30.2	24.5	18.9	14.2	10.4	7.7	5.7
-50°	50.8	45.3	39.4	33.6	28.2	22.9	17.7	13.5	10.0	7.4	5.4
-52.5°	47.9	42.3	36.5	31.0	26.1	21.2	16.6	12.6	9.4	7.0	5.1
-55°	44.4	38.8	33.3	28.5	23.9	19.5	15.3	11.7	8.7	6.6	4.8
-57.5°	40.3	34.9	30.4	26.0	21.6	17.7	13.9	10.6	8.1	6.1	4.4
-60°	36.1	31.7	27.6	23.3	19.3	15.7	12.3	9.5	7.4	5.6	4.0
-62.5°	32.3	28.3	24.3	20.3	16.9	13.6	10.7	8.6	6.7	5.0	3.5
-65°	28.1	24.3	20.7	17.5	14.4	11.7	9.6	7.7	6.0	4.4	3.1
-67.5°	23.6	20.6	17.5	14.6	12.3	10.3	8.4	6.7	5.1	3.7	2.8
-70°	19.9	17.1	14.6	12.5	10.6	8.8	7.2	5.7	4.3	3.3	2.6
-72.5°	16.4	14.3	12.3	10.5	8.9	7.3	5.9	4.6	3.7	2.9	2.3
-75°	13.1	11.5	10.0	8.4	7.0	5.8	4.8	3.9	3.1	2.5	2.0
-77.5°	10.5	9.1	7.7	6.6	5.7	4.9	4.0	3.1	2.6	2.2	1.7
-80°	8.1	7.1	6.2	5.5	4.7	3.9	3.2	2.6	2.2	1.8	1.4
-82.5°	5.8	5.3	4.8	4.4	3.8	3.2	2.7	2.2	1.9	1.5	1.1
-85°	4.0	3.7	3.5	3.3	2.9	2.5	2.1	1.7	1.3	1.0	0.7
-87.5°	2.0	1.9	1.8	1.7	1.5	1.2	1.0	0.8	0.7	0.5	0.4
-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: P626628 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	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°	0.1	0.2	0.1	0.0	0.0	0.2	0.0
70°	0.1	0.2	0.2	0.0	0.0	0.2	0.0
67.5°	0.4	0.3	0.3	0.1	0.1	0.2	0.0
65°	0.6	0.4	0.4	0.2	0.1	0.2	0.0
62.5°	0.8	0.6	0.5	0.3	0.1	0.3	0.0
60°	1.0	0.7	0.6	0.4	0.1	0.3	0.0
57.5°	1.0	0.8	0.7	0.5	0.2	0.3	0.0
55°	1.0	0.9	0.8	0.6	0.3	0.3	0.0
52.5°	1.0	1.0	0.8	0.7	0.4	0.4	0.0
50°	1.0	1.0	0.9	0.9	0.5	0.4	0.0
47.5°	1.0	1.0	0.9	0.9	0.5	0.4	0.0
45°	1.0	1.0	1.0	1.0	0.6	0.5	0.0
42.5°	1.0	1.0	1.0	1.0	0.6	0.5	0.0
40°	1.0	1.0	1.0	1.0	0.7	0.5	0.0
37.5°	1.0	1.0	1.0	1.0	0.7	0.6	0.0
35°	1.0	1.0	1.0	1.0	0.8	0.6	0.0
32.5°	1.0	1.0	1.0	1.0	0.8	0.6	0.0
30°	1.1	1.0	1.0	1.0	0.9	0.6	0.0
27.5°	1.2	1.0	1.0	1.0	0.9	0.7	0.0
25°	1.4	1.0	1.0	1.0	0.9	0.7	0.0
22.5°	1.5	1.0	1.0	1.0	0.9	0.7	0.0
20°	1.6	1.1	1.0	1.0	1.0	0.8	0.0
17.5°	1.8	1.2	1.0	1.0	1.0	0.8	0.0
15°	2.0	1.3	1.0	1.0	1.0	0.8	0.0
12.5°	2.2	1.4	1.0	1.0	1.0	0.9	0.0
10°	2.4	1.5	1.0	1.0	1.0	0.9	0.0
7.5°	2.5	1.6	1.0	1.0	1.0	0.9	0.0
5°	2.7	1.8	1.0	1.0	1.0	1.0	0.0
2.5°	2.9	1.9	1.0	1.0	1.0	1.0	0.0
0°	3.0	2.0	1.0	1.0	1.0	1.0	0.0
-2.5°	3.3	2.1	1.1	1.0	1.0	1.0	0.0
-5°	3.5	2.2	1.2	1.0	1.0	1.0	0.0
-7.5°	3.7	2.3	1.3	1.0	1.0	1.0	0.0
-10°	3.9	2.4	1.3	1.0	1.0	1.0	0.0
-12.5°	4.1	2.4	1.4	1.0	1.0	1.0	0.0
-15°	4.2	2.5	1.5	1.0	1.0	1.0	0.0
-17.5°	4.3	2.5	1.5	1.0	1.0	1.0	0.0
-20°	4.4	2.6	1.5	1.0	1.0	0.9	0.0

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CATALOG NUMBER: GFLD-SA1B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	4.4	2.6	1.5	1.0	1.0	0.9	0.0
-25°	4.4	2.6	1.5	1.0	1.0	0.9	0.0
-27.5°	4.4	2.7	1.5	1.0	1.0	0.9	0.0
-30°	4.4	2.8	1.5	1.0	1.0	0.9	0.0
-32.5°	4.4	2.8	1.5	1.0	1.0	0.8	0.0
-35°	4.4	2.8	1.4	1.0	1.0	0.8	0.0
-37.5°	4.3	2.7	1.4	1.0	1.0	0.8	0.0
-40°	4.3	2.7	1.4	1.0	1.0	0.8	0.0
-42.5°	4.2	2.6	1.3	1.0	1.0	0.7	0.0
-45°	4.1	2.5	1.4	1.0	1.0	0.7	0.0
-47.5°	3.9	2.4	1.4	1.1	1.0	0.7	0.0
-50°	3.7	2.2	1.4	1.1	1.0	0.6	0.0
-52.5°	3.5	2.0	1.4	1.1	1.0	0.6	0.0
-55°	3.2	2.0	1.4	1.1	1.0	0.6	0.0
-57.5°	2.9	1.9	1.4	1.1	1.0	0.5	0.0
-60°	2.6	1.9	1.4	1.1	1.0	0.5	0.0
-62.5°	2.5	1.8	1.3	1.1	0.9	0.5	0.0
-65°	2.3	1.7	1.3	1.0	0.8	0.4	0.0
-67.5°	2.1	1.6	1.2	1.0	0.8	0.4	0.0
-70°	1.9	1.5	1.2	1.0	0.7	0.3	0.0
-72.5°	1.7	1.3	1.1	0.9	0.6	0.3	0.0
-75°	1.5	1.2	1.0	0.8	0.5	0.3	0.0
-77.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0
-80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-87.5°	0.3	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)