

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: P626545 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-730-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626545 (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-730-U-MR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N14  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2687.3 lumens  
Efficiency: N/A  
Efficacy: 148.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 8601.3 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 28.8°H x 29°V  
Beam Lumens: 1306.5 lumens  
Beam Efficiency: 48.6%

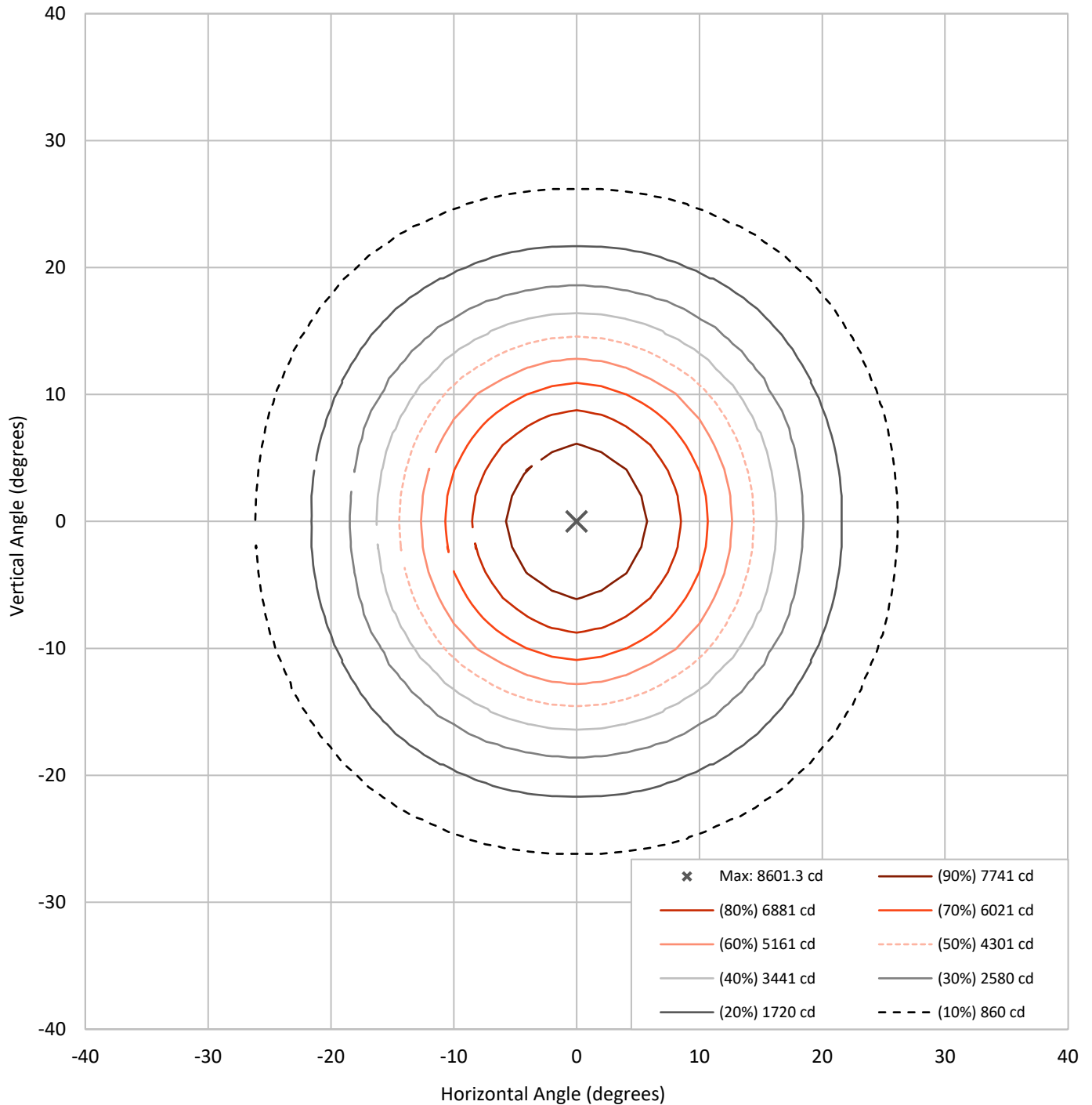
Field Angle (10%): 52.3°H x 52.3°V  
Field Lumens: 2204.9 lumens  
Field Efficiency: 82.0%

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





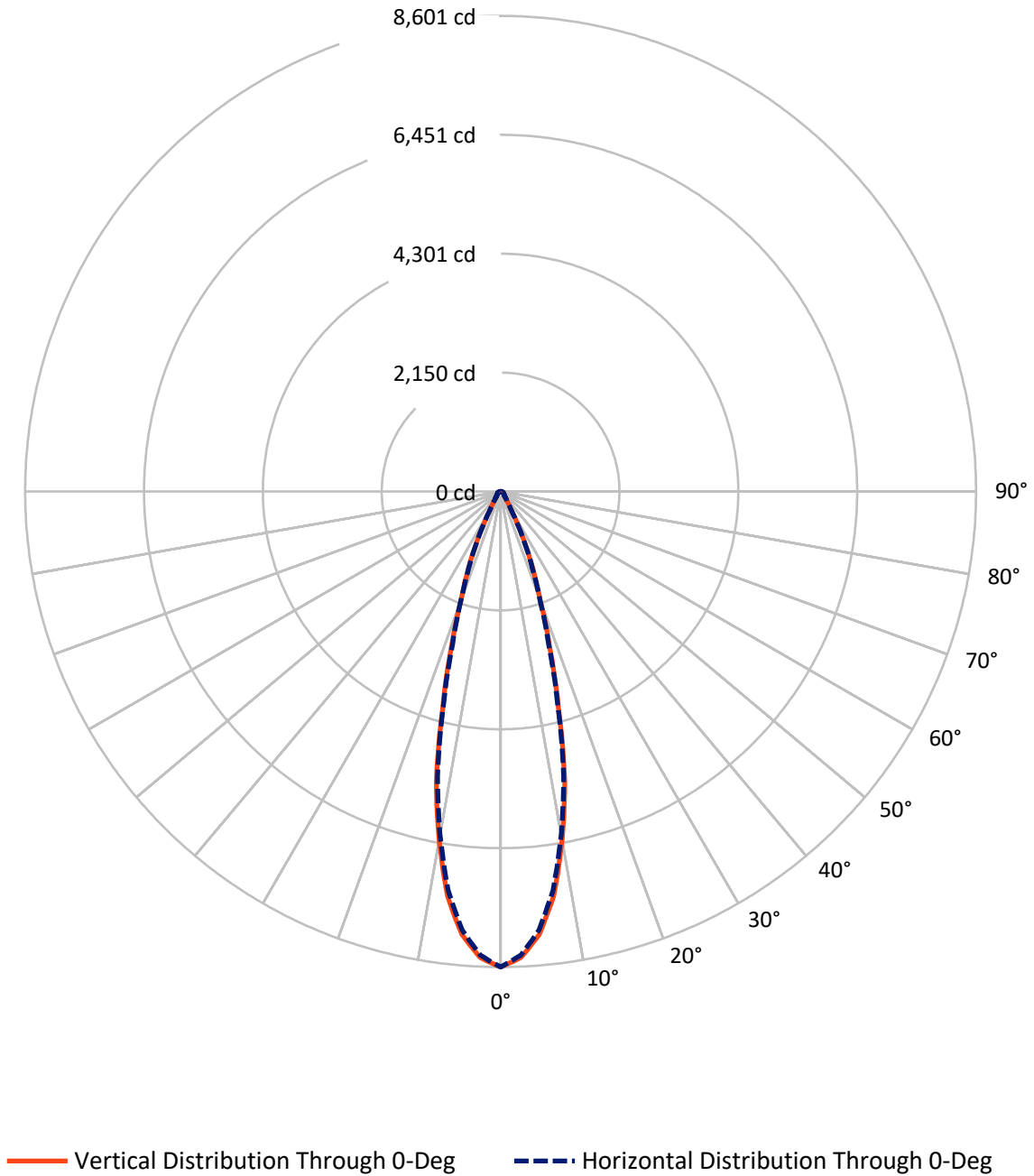
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### Lumen Table

90	0.1	0.4	1.2	1.8	2.0	1.8	1.2	0.4	0.1										
80	0.1	0.4	1.2	1.8	2.0	1.8	1.2	0.4	0.1										
70	0.2	0.2	0.5	0.8	1.1	1.3	1.5	1.5	1.5	1.5	1.3	1.1	0.8	0.5	0.2	0.2			
60		0.3	0.7	1.1	1.5	1.8	2.1	2.1	2.1	2.1	1.8	1.5	1.1	0.7	0.3				
50	0.4	0.4	0.9	1.4	1.8	2.3	2.7	2.9	2.9	2.7	2.3	1.8	1.4	0.9	0.4	0.4			
40		0.5	1.0	1.6	2.3	3.2	4.7	6.1	6.1	4.7	3.2	2.3	1.6	1.0	0.5				
30	0.5	0.6	1.1	1.8	2.9	6.3	17.7	31.4	31.4	17.7	6.3	2.9	1.8	1.1	0.6	0.5			
20		0.6	1.2	2.0	3.9	16.5	58.8	112.6	112.6	58.8	16.5	3.9	2.0	1.2	0.6				
10	0.5	0.6	1.2	2.1	5.0	28.5	108.8	214.0	214.0	108.8	28.5	5.0	2.1	1.2	0.6	0.5			
0		0.6	1.2	2.1	5.0	28.5	108.8	214.0	214.0	108.8	28.5	5.0	2.1	1.2	0.6				
-10	0.5	0.6	1.2	2.1	5.0	28.5	108.8	214.0	214.0	108.8	28.5	5.0	2.1	1.2	0.6	0.5			
-20		0.6	1.2	2.0	3.9	16.5	58.8	112.6	112.6	58.8	16.5	3.9	2.0	1.2	0.6				
-30	0.4	0.5	1.0	1.6	2.3	3.2	4.7	6.1	6.1	4.7	3.2	2.3	1.6	1.0	0.5	0.4			
-40		0.4	0.9	1.4	1.8	2.3	2.7	2.9	2.9	2.7	2.3	1.8	1.4	0.9	0.4				
-50	0.2	0.3	0.7	1.1	1.5	1.8	2.1	2.1	2.1	2.1	1.8	1.5	1.1	0.7	0.3	0.2			
-60		0.2	0.5	0.8	1.1	1.3	1.5	1.5	1.5	1.5	1.3	1.1	0.8	0.5	0.2				
-70	0.1	0.4	1.2	1.8	2.0	1.8	1.2	0.4	0.1							0.1			
-80		0.4	1.2	1.8	2.0	1.8	1.2	0.4	0.1										
-90	0.1	0.4	1.2	1.8	2.0	1.8	1.2	0.4	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

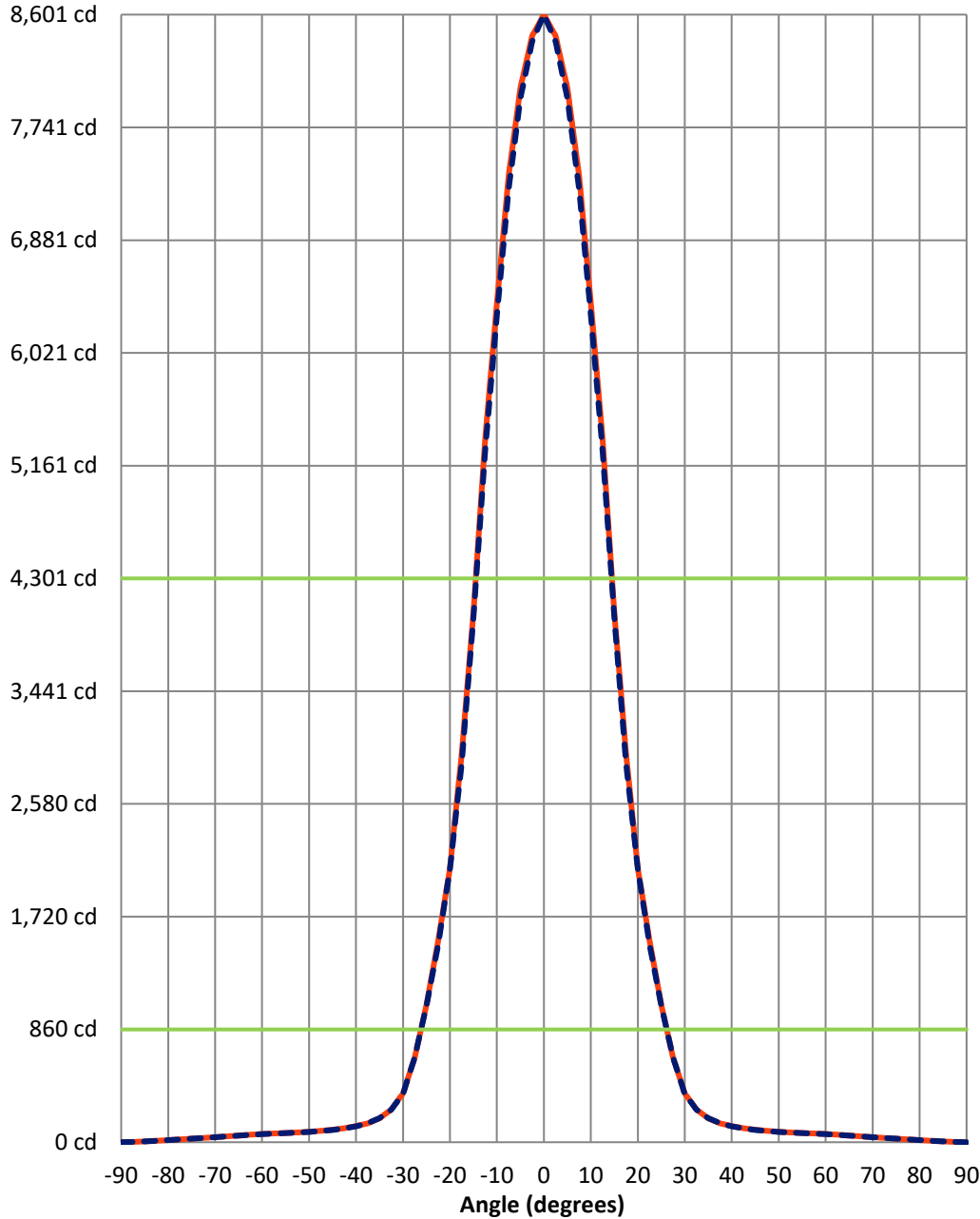
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 1306.5  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 2204.9  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 482.4  
 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	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
82.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.8	3.4
80°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	3.0	3.7	4.4	5.2
77.5°	0.0	0.5	1.0	1.4	1.9	2.5	3.3	4.2	5.1	6.0	7.1
75°	0.0	0.6	1.1	1.7	2.3	3.3	4.3	5.3	6.5	7.8	9.1
72.5°	0.0	0.7	1.3	2.0	3.0	4.1	5.3	6.6	8.1	9.6	11.1
70°	0.0	0.8	1.5	2.3	3.6	4.9	6.3	8.0	9.7	11.4	13.3
67.5°	0.0	0.8	1.7	2.8	4.2	5.7	7.4	9.3	11.3	13.4	15.5
65°	0.0	0.9	1.9	3.2	4.9	6.6	8.6	10.7	13.0	15.3	17.7
62.5°	0.0	1.0	2.0	3.7	5.5	7.5	9.8	12.1	14.7	17.3	20.0
60°	0.0	1.1	2.2	4.1	6.1	8.5	10.9	13.6	16.4	19.2	22.2
57.5°	0.0	1.2	2.5	4.6	6.8	9.4	12.1	15.0	18.0	21.1	24.3
55°	0.0	1.3	2.8	5.0	7.5	10.3	13.3	16.4	19.6	22.9	26.5
52.5°	0.0	1.3	3.0	5.4	8.2	11.2	14.4	17.7	21.1	24.8	28.6
50°	0.0	1.4	3.3	5.8	8.9	12.0	15.5	19.0	22.7	26.6	30.5
47.5°	0.0	1.5	3.6	6.2	9.5	12.9	16.5	20.3	24.2	28.4	32.3
45°	0.0	1.6	3.8	6.7	10.1	13.7	17.5	21.5	25.7	29.9	34.0
42.5°	0.0	1.6	4.0	7.1	10.7	14.5	18.5	22.7	27.1	31.3	35.5
40°	0.0	1.7	4.3	7.5	11.3	15.2	19.4	23.8	28.4	32.7	37.0
37.5°	0.0	1.7	4.5	7.9	11.8	15.9	20.3	24.9	29.6	34.0	38.4
35°	0.0	1.8	4.7	8.3	12.4	16.6	21.2	25.9	30.6	35.2	39.8
32.5°	0.0	1.9	4.9	8.6	12.9	17.2	21.9	26.9	31.7	36.4	41.0
30°	0.0	1.9	5.1	8.9	13.3	17.8	22.7	27.7	32.6	37.4	42.2
27.5°	0.0	2.0	5.2	9.2	13.7	18.4	23.4	28.5	33.5	38.4	43.3
25°	0.0	2.0	5.4	9.5	14.1	18.9	24.0	29.2	34.2	39.3	44.3
22.5°	0.0	2.0	5.5	9.7	14.4	19.4	24.6	29.8	34.9	40.1	45.3
20°	0.0	2.1	5.6	9.9	14.7	19.8	25.1	30.3	35.6	40.8	46.2
17.5°	0.0	2.1	5.7	10.1	15.0	20.1	25.5	30.8	36.1	41.4	47.0
15°	0.0	2.1	5.8	10.2	15.3	20.4	25.9	31.2	36.6	41.9	47.7
12.5°	0.0	2.1	5.9	10.3	15.5	20.6	26.3	31.7	37.0	42.4	48.2
10°	0.0	2.2	6.0	10.4	15.7	20.8	26.6	32.0	37.4	42.9	48.7
7.5°	0.0	2.2	6.0	10.5	15.8	20.9	26.8	32.3	37.7	43.4	49.3
5°	0.0	2.2	6.1	10.5	15.9	21.0	27.0	32.4	37.9	43.7	49.7
2.5°	0.0	2.2	6.1	10.5	16.0	21.0	27.1	32.6	38.1	44.0	50.0
0°	0.0	2.2	6.1	10.5	16.0	21.0	27.1	32.6	38.1	44.2	50.2
-2.5°	0.0	2.2	6.1	10.5	16.0	21.0	27.1	32.6	38.1	44.0	50.0
-5°	0.0	2.2	6.1	10.5	15.9	21.0	27.0	32.4	37.9	43.7	49.7
-7.5°	0.0	2.2	6.0	10.5	15.8	20.9	26.8	32.3	37.7	43.4	49.3
-10°	0.0	2.2	6.0	10.4	15.7	20.8	26.6	32.0	37.4	42.9	48.7
-12.5°	0.0	2.1	5.9	10.3	15.5	20.6	26.3	31.7	37.0	42.4	48.2
-15°	0.0	2.1	5.8	10.2	15.3	20.4	25.9	31.2	36.6	41.9	47.7
-17.5°	0.0	2.1	5.7	10.1	15.0	20.1	25.5	30.8	36.1	41.4	47.0
-20°	0.0	2.1	5.6	9.9	14.7	19.8	25.1	30.3	35.6	40.8	46.2

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.0	5.5	9.7	14.4	19.4	24.6	29.8	34.9	40.1	45.3
-25°	0.0	2.0	5.4	9.5	14.1	18.9	24.0	29.2	34.2	39.3	44.3
-27.5°	0.0	2.0	5.2	9.2	13.7	18.4	23.4	28.5	33.5	38.4	43.3
-30°	0.0	1.9	5.1	8.9	13.3	17.8	22.7	27.7	32.6	37.4	42.2
-32.5°	0.0	1.9	4.9	8.6	12.9	17.2	21.9	26.9	31.7	36.4	41.0
-35°	0.0	1.8	4.7	8.3	12.4	16.6	21.2	25.9	30.6	35.2	39.8
-37.5°	0.0	1.7	4.5	7.9	11.8	15.9	20.3	24.9	29.6	34.0	38.4
-40°	0.0	1.7	4.3	7.5	11.3	15.2	19.4	23.8	28.4	32.7	37.0
-42.5°	0.0	1.6	4.0	7.1	10.7	14.5	18.5	22.7	27.1	31.3	35.5
-45°	0.0	1.6	3.8	6.7	10.1	13.7	17.5	21.5	25.7	29.9	34.0
-47.5°	0.0	1.5	3.6	6.2	9.5	12.9	16.5	20.3	24.2	28.4	32.3
-50°	0.0	1.4	3.3	5.8	8.9	12.0	15.5	19.0	22.7	26.6	30.5
-52.5°	0.0	1.3	3.0	5.4	8.2	11.2	14.4	17.7	21.1	24.8	28.6
-55°	0.0	1.3	2.8	5.0	7.5	10.3	13.3	16.4	19.6	22.9	26.5
-57.5°	0.0	1.2	2.5	4.6	6.8	9.4	12.1	15.0	18.0	21.1	24.3
-60°	0.0	1.1	2.2	4.1	6.1	8.5	10.9	13.6	16.4	19.2	22.2
-62.5°	0.0	1.0	2.0	3.7	5.5	7.5	9.8	12.1	14.7	17.3	20.0
-65°	0.0	0.9	1.9	3.2	4.9	6.6	8.6	10.7	13.0	15.3	17.7
-67.5°	0.0	0.8	1.7	2.8	4.2	5.7	7.4	9.3	11.3	13.4	15.5
-70°	0.0	0.8	1.5	2.3	3.6	4.9	6.3	8.0	9.7	11.4	13.3
-72.5°	0.0	0.7	1.3	2.0	3.0	4.1	5.3	6.6	8.1	9.6	11.1
-75°	0.0	0.6	1.1	1.7	2.3	3.3	4.3	5.3	6.5	7.8	9.1
-77.5°	0.0	0.5	1.0	1.4	1.9	2.5	3.3	4.2	5.1	6.0	7.1
-80°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	3.0	3.7	4.4	5.2
-82.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.8	3.4
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
-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°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
85°	2.0	2.2	2.5	2.8	3.2	3.5	3.7	4.0	4.3	4.5	4.8
82.5°	3.9	4.4	4.9	5.4	5.8	6.3	6.7	7.1	7.5	7.9	8.3
80°	5.9	6.6	7.2	7.9	8.5	9.1	9.7	10.2	10.7	11.3	11.9
77.5°	8.0	8.9	9.7	10.4	11.2	12.1	13.0	13.9	14.8	15.6	16.3
75°	10.3	11.2	12.3	13.4	14.5	15.7	16.8	17.8	18.8	19.9	20.9
72.5°	12.6	13.9	15.2	16.5	17.9	19.3	20.5	21.7	23.0	24.4	25.7
70°	15.0	16.6	18.2	19.8	21.4	22.9	24.5	26.1	27.7	29.2	30.7
67.5°	17.5	19.4	21.3	23.2	25.0	26.8	28.7	30.5	32.4	34.1	35.8
65°	20.1	22.3	24.4	26.5	28.5	30.7	32.9	35.0	37.3	39.5	41.4
62.5°	22.7	25.1	27.5	29.8	32.2	34.7	37.2	39.9	42.7	44.7	46.4
60°	25.2	27.9	30.5	33.2	35.9	38.7	41.6	44.5	47.0	49.1	50.9
57.5°	27.6	30.7	33.5	36.4	39.4	42.6	45.8	48.7	51.0	53.1	55.1
55°	29.9	33.3	36.4	39.5	42.9	46.6	49.8	52.5	54.9	56.6	58.5
52.5°	32.1	35.7	39.0	42.5	46.3	50.1	53.4	56.0	58.0	59.8	61.6
50°	34.2	37.9	41.5	45.4	49.5	53.4	56.7	59.0	61.0	62.9	64.7
47.5°	36.2	40.0	44.0	48.2	52.5	56.3	59.5	61.9	64.0	65.9	67.8
45°	38.0	42.1	46.3	51.0	55.4	59.1	62.0	64.6	66.6	68.8	71.2
42.5°	39.7	44.1	48.7	53.7	58.1	61.6	64.4	66.8	69.2	71.8	74.5
40°	41.4	45.9	51.0	56.2	60.7	63.7	66.5	69.1	71.8	74.7	77.7
37.5°	43.0	47.9	53.1	58.5	62.6	65.7	68.6	71.5	74.5	77.7	81.4
35°	44.4	49.7	55.2	60.4	64.3	67.7	70.8	73.9	77.3	81.2	85.2
32.5°	45.9	51.3	57.0	61.9	65.8	69.5	72.9	76.4	80.3	84.5	89.2
30°	47.3	52.8	58.7	63.5	67.2	70.9	74.9	78.9	83.2	87.9	93.3
27.5°	48.6	54.3	60.0	64.8	68.4	72.2	76.5	81.3	86.0	91.2	97.5
25°	49.9	55.8	61.4	65.8	69.4	73.4	77.9	83.0	88.5	94.7	102.4
22.5°	51.1	57.1	62.7	66.6	70.3	74.4	79.3	84.7	90.7	97.8	107.3
20°	52.1	58.2	63.6	67.4	71.0	75.3	80.5	86.2	93.0	101.7	113.1
17.5°	53.1	59.1	64.2	68.0	71.7	76.2	81.6	87.5	95.2	105.1	118.5
15°	53.9	59.8	64.7	68.5	72.4	77.1	82.6	89.0	97.5	108.5	123.3
12.5°	54.6	60.4	65.1	68.9	72.9	77.8	83.5	90.6	99.8	112.1	129.6
10°	55.1	60.8	65.5	69.1	73.2	78.2	84.2	91.8	101.7	115.1	135.1
7.5°	55.6	61.2	65.7	69.2	73.5	78.4	84.7	92.7	103.1	117.4	139.5
5°	56.0	61.5	65.8	69.4	73.6	78.5	85.1	93.2	103.9	118.9	142.6
2.5°	56.2	61.7	65.8	69.5	73.6	78.6	85.5	93.4	104.9	120.2	144.3
0°	56.3	61.8	65.7	69.6	73.4	78.4	85.6	93.3	105.5	120.9	144.7
-2.5°	56.2	61.7	65.8	69.5	73.6	78.6	85.5	93.4	104.9	120.2	144.3
-5°	56.0	61.5	65.8	69.4	73.6	78.5	85.1	93.2	103.9	118.9	142.6
-7.5°	55.6	61.2	65.7	69.2	73.5	78.4	84.7	92.7	103.1	117.4	139.5
-10°	55.1	60.8	65.5	69.1	73.2	78.2	84.2	91.8	101.7	115.1	135.1
-12.5°	54.6	60.4	65.1	68.9	72.9	77.8	83.5	90.6	99.8	112.1	129.6
-15°	53.9	59.8	64.7	68.5	72.4	77.1	82.6	89.0	97.5	108.5	123.3
-17.5°	53.1	59.1	64.2	68.0	71.7	76.2	81.6	87.5	95.2	105.1	118.5
-20°	52.1	58.2	63.6	67.4	71.0	75.3	80.5	86.2	93.0	101.7	113.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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°	51.1	57.1	62.7	66.6	70.3	74.4	79.3	84.7	90.7	97.8	107.3
-25°	49.9	55.8	61.4	65.8	69.4	73.4	77.9	83.0	88.5	94.7	102.4
-27.5°	48.6	54.3	60.0	64.8	68.4	72.2	76.5	81.3	86.0	91.2	97.5
-30°	47.3	52.8	58.7	63.5	67.2	70.9	74.9	78.9	83.2	87.9	93.3
-32.5°	45.9	51.3	57.0	61.9	65.8	69.5	72.9	76.4	80.3	84.5	89.2
-35°	44.4	49.7	55.2	60.4	64.3	67.7	70.8	73.9	77.3	81.2	85.2
-37.5°	43.0	47.9	53.1	58.5	62.6	65.7	68.6	71.5	74.5	77.7	81.4
-40°	41.4	45.9	51.0	56.2	60.7	63.7	66.5	69.1	71.8	74.7	77.7
-42.5°	39.7	44.1	48.7	53.7	58.1	61.6	64.4	66.8	69.2	71.8	74.5
-45°	38.0	42.1	46.3	51.0	55.4	59.1	62.0	64.6	66.6	68.8	71.2
-47.5°	36.2	40.0	44.0	48.2	52.5	56.3	59.5	61.9	64.0	65.9	67.8
-50°	34.2	37.9	41.5	45.4	49.5	53.4	56.7	59.0	61.0	62.9	64.7
-52.5°	32.1	35.7	39.0	42.5	46.3	50.1	53.4	56.0	58.0	59.8	61.6
-55°	29.9	33.3	36.4	39.5	42.9	46.6	49.8	52.5	54.9	56.6	58.5
-57.5°	27.6	30.7	33.5	36.4	39.4	42.6	45.8	48.7	51.0	53.1	55.1
-60°	25.2	27.9	30.5	33.2	35.9	38.7	41.6	44.5	47.0	49.1	50.9
-62.5°	22.7	25.1	27.5	29.8	32.2	34.7	37.2	39.9	42.7	44.7	46.4
-65°	20.1	22.3	24.4	26.5	28.5	30.7	32.9	35.0	37.3	39.5	41.4
-67.5°	17.5	19.4	21.3	23.2	25.0	26.8	28.7	30.5	32.4	34.1	35.8
-70°	15.0	16.6	18.2	19.8	21.4	22.9	24.5	26.1	27.7	29.2	30.7
-72.5°	12.6	13.9	15.2	16.5	17.9	19.3	20.5	21.7	23.0	24.4	25.7
-75°	10.3	11.2	12.3	13.4	14.5	15.7	16.8	17.8	18.8	19.9	20.9
-77.5°	8.0	8.9	9.7	10.4	11.2	12.1	13.0	13.9	14.8	15.6	16.3
-80°	5.9	6.6	7.2	7.9	8.5	9.1	9.7	10.2	10.7	11.3	11.9
-82.5°	3.9	4.4	4.9	5.4	5.8	6.3	6.7	7.1	7.5	7.9	8.3
-85°	2.0	2.2	2.5	2.8	3.2	3.5	3.7	4.0	4.3	4.5	4.8
-87.5°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	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: P626545 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-730-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°	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2
85°	5.0	5.2	5.4	5.6	5.8	5.8	5.9	5.9	5.8	5.9	6.0
82.5°	8.6	9.0	9.4	9.8	10.2	10.3	10.4	10.5	10.5	10.6	10.8
80°	12.5	13.1	13.7	14.2	14.7	15.0	15.3	15.6	15.8	15.9	16.0
77.5°	17.1	17.8	18.5	19.2	19.8	20.2	20.6	20.9	21.2	21.3	21.4
75°	21.9	22.9	23.7	24.5	25.2	25.7	26.1	26.3	26.5	26.7	26.9
72.5°	26.9	27.9	28.9	29.9	30.7	31.3	31.7	32.0	32.3	32.5	32.6
70°	32.1	33.3	34.4	35.4	36.1	36.7	37.1	37.5	37.7	37.9	38.0
67.5°	37.4	38.8	39.9	40.7	41.3	41.9	42.5	42.8	43.1	43.4	43.7
65°	43.0	44.3	45.4	46.2	46.9	47.7	48.4	48.9	49.2	49.5	49.8
62.5°	48.1	49.7	50.9	52.0	53.2	54.3	54.9	55.4	55.7	56.0	56.4
60°	52.8	54.6	56.0	57.4	58.8	60.2	60.8	61.2	61.7	62.1	62.4
57.5°	56.9	58.8	60.6	62.0	63.3	64.6	65.5	66.0	66.3	66.5	66.7
55°	60.5	62.4	64.2	65.8	67.2	68.6	69.6	70.1	70.4	70.7	70.8
52.5°	63.7	65.8	67.7	69.4	71.0	72.5	73.8	74.4	75.0	75.3	75.5
50°	66.9	69.1	71.2	73.0	74.9	76.7	78.3	79.2	79.9	80.3	80.4
47.5°	70.2	72.6	74.9	77.0	79.1	81.2	83.1	84.4	85.3	86.0	86.5
45°	73.7	76.2	78.7	81.3	83.7	86.4	88.8	90.6	92.0	93.2	94.2
42.5°	77.1	80.0	82.9	86.2	89.5	92.5	95.4	97.8	100.1	102.3	104.0
40°	80.9	84.1	88.0	91.9	96.0	99.5	103.7	107.5	110.9	114.6	117.7
37.5°	85.1	89.1	93.8	98.5	103.7	108.8	114.6	120.4	125.4	131.9	137.2
35°	89.5	94.7	100.2	106.4	113.2	121.2	129.4	139.0	147.2	157.6	167.1
32.5°	94.6	100.6	107.7	116.3	125.4	138.3	150.3	166.6	180.6	198.6	218.2
30°	99.7	107.5	117.2	128.3	143.7	161.9	183.1	210.7	240.5	271.4	313.0
27.5°	105.7	115.9	128.0	145.1	168.2	193.4	236.6	283.2	348.2	399.6	491.3
25°	112.3	124.8	142.7	167.5	199.4	250.4	323.3	407.7	537.7	653.4	786.3
22.5°	120.0	137.0	160.7	193.2	248.8	336.5	450.3	623.7	816.4	1006.7	1180.6
20°	128.1	148.7	181.8	234.8	320.8	447.5	650.6	898.4	1154.3	1415.0	1634.7
17.5°	137.7	165.6	209.2	279.7	402.3	619.3	890.5	1205.6	1539.9	1872.6	2161.5
15°	145.9	180.4	239.1	344.6	527.5	798.9	1132.3	1530.2	1950.6	2382.3	2850.3
12.5°	156.3	198.2	269.9	398.3	638.6	991.4	1399.3	1861.3	2374.6	2947.8	3677.4
10°	165.9	216.8	310.4	484.4	772.2	1171.2	1629.9	2154.0	2819.9	3681.4	4561.3
7.5°	173.6	231.6	341.8	551.5	884.1	1324.8	1837.6	2465.9	3296.7	4322.5	5327.9
5°	178.9	241.9	364.3	602.3	974.2	1442.2	1985.0	2695.9	3698.6	4847.3	5873.8
2.5°	182.3	247.5	375.3	632.4	1033.0	1512.8	2076.9	2842.1	3944.9	5181.4	6220.7
0°	183.9	248.4	368.3	647.1	1041.3	1507.8	2085.3	2890.8	4003.3	5272.1	6307.3
-2.5°	182.3	247.5	375.3	632.4	1033.0	1512.8	2076.9	2842.1	3944.9	5181.4	6220.7
-5°	178.9	241.9	364.3	602.3	974.2	1442.2	1985.0	2695.9	3698.6	4847.3	5873.8
-7.5°	173.6	231.6	341.8	551.5	884.1	1324.8	1837.6	2465.9	3296.7	4322.5	5327.9
-10°	165.9	216.8	310.4	484.4	772.2	1171.2	1629.9	2154.0	2819.9	3681.4	4561.3
-12.5°	156.3	198.2	269.9	398.3	638.6	991.4	1399.3	1861.3	2374.6	2947.8	3677.4
-15°	145.9	180.4	239.1	344.6	527.5	798.9	1132.3	1530.2	1950.6	2382.3	2850.3
-17.5°	137.7	165.6	209.2	279.7	402.3	619.3	890.5	1205.6	1539.9	1872.6	2161.5
-20°	128.1	148.7	181.8	234.8	320.8	447.5	650.6	898.4	1154.3	1415.0	1634.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	120.0	137.0	160.7	193.2	248.8	336.5	450.3	623.7	816.4	1006.7	1180.6
-25°	112.3	124.8	142.7	167.5	199.4	250.4	323.3	407.7	537.7	653.4	786.3
-27.5°	105.7	115.9	128.0	145.1	168.2	193.4	236.6	283.2	348.2	399.6	491.3
-30°	99.7	107.5	117.2	128.3	143.7	161.9	183.1	210.7	240.5	271.4	313.0
-32.5°	94.6	100.6	107.7	116.3	125.4	138.3	150.3	166.6	180.6	198.6	218.2
-35°	89.5	94.7	100.2	106.4	113.2	121.2	129.4	139.0	147.2	157.6	167.1
-37.5°	85.1	89.1	93.8	98.5	103.7	108.8	114.6	120.4	125.4	131.9	137.2
-40°	80.9	84.1	88.0	91.9	96.0	99.5	103.7	107.5	110.9	114.6	117.7
-42.5°	77.1	80.0	82.9	86.2	89.5	92.5	95.4	97.8	100.1	102.3	104.0
-45°	73.7	76.2	78.7	81.3	83.7	86.4	88.8	90.6	92.0	93.2	94.2
-47.5°	70.2	72.6	74.9	77.0	79.1	81.2	83.1	84.4	85.3	86.0	86.5
-50°	66.9	69.1	71.2	73.0	74.9	76.7	78.3	79.2	79.9	80.3	80.4
-52.5°	63.7	65.8	67.7	69.4	71.0	72.5	73.8	74.4	75.0	75.3	75.5
-55°	60.5	62.4	64.2	65.8	67.2	68.6	69.6	70.1	70.4	70.7	70.8
-57.5°	56.9	58.8	60.6	62.0	63.3	64.6	65.5	66.0	66.3	66.5	66.7
-60°	52.8	54.6	56.0	57.4	58.8	60.2	60.8	61.2	61.7	62.1	62.4
-62.5°	48.1	49.7	50.9	52.0	53.2	54.3	54.9	55.4	55.7	56.0	56.4
-65°	43.0	44.3	45.4	46.2	46.9	47.7	48.4	48.9	49.2	49.5	49.8
-67.5°	37.4	38.8	39.9	40.7	41.3	41.9	42.5	42.8	43.1	43.4	43.7
-70°	32.1	33.3	34.4	35.4	36.1	36.7	37.1	37.5	37.7	37.9	38.0
-72.5°	26.9	27.9	28.9	29.9	30.7	31.3	31.7	32.0	32.3	32.5	32.6
-75°	21.9	22.9	23.7	24.5	25.2	25.7	26.1	26.3	26.5	26.7	26.9
-77.5°	17.1	17.8	18.5	19.2	19.8	20.2	20.6	20.9	21.2	21.3	21.4
-80°	12.5	13.1	13.7	14.2	14.7	15.0	15.3	15.6	15.8	15.9	16.0
-82.5°	8.6	9.0	9.4	9.8	10.2	10.3	10.4	10.5	10.5	10.6	10.8
-85°	5.0	5.2	5.4	5.6	5.8	5.8	5.9	5.9	5.8	5.9	6.0
-87.5°	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2
-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: P626545 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-730-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
85°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.9
82.5°	10.9	10.9	11.0	11.0	11.0	10.9	10.9	10.8	10.6	10.5	10.5
80°	16.0	15.9	16.0	16.0	16.0	15.9	16.0	16.0	15.9	15.8	15.6
77.5°	21.4	21.4	21.5	21.5	21.5	21.4	21.4	21.4	21.3	21.2	20.9
75°	26.9	27.0	27.1	27.1	27.1	27.0	26.9	26.9	26.7	26.5	26.3
72.5°	32.6	32.5	32.6	32.6	32.6	32.5	32.6	32.6	32.5	32.3	32.0
70°	38.0	38.0	38.3	38.6	38.3	38.0	38.0	38.0	37.9	37.7	37.5
67.5°	43.9	44.0	44.4	44.7	44.4	44.0	43.9	43.7	43.4	43.1	42.8
65°	50.0	50.0	50.4	50.8	50.4	50.0	50.0	49.8	49.5	49.2	48.9
62.5°	56.6	56.7	57.0	57.4	57.0	56.7	56.6	56.4	56.0	55.7	55.4
60°	62.6	62.7	62.8	62.9	62.8	62.7	62.6	62.4	62.1	61.7	61.2
57.5°	66.7	66.7	66.7	66.8	66.7	66.7	66.7	66.7	66.5	66.3	66.0
55°	70.8	70.6	70.4	70.1	70.4	70.6	70.8	70.8	70.7	70.4	70.1
52.5°	75.4	75.1	74.8	74.5	74.8	75.1	75.4	75.5	75.3	75.0	74.4
50°	80.3	80.1	79.8	79.5	79.8	80.1	80.3	80.4	80.3	79.9	79.2
47.5°	86.8	86.9	86.9	86.7	86.9	86.9	86.8	86.5	86.0	85.3	84.4
45°	94.8	95.1	95.2	95.0	95.2	95.1	94.8	94.2	93.2	92.0	90.6
42.5°	105.2	105.9	106.3	106.6	106.3	105.9	105.2	104.0	102.3	100.1	97.8
40°	119.9	121.4	122.3	123.1	122.3	121.4	119.9	117.7	114.6	110.9	107.5
37.5°	141.1	143.7	144.8	144.1	144.8	143.7	141.1	137.2	131.9	125.4	120.4
35°	174.5	179.4	182.0	182.2	182.0	179.4	174.5	167.1	157.6	147.2	139.0
32.5°	232.8	242.9	248.3	249.0	248.3	242.9	232.8	218.2	198.6	180.6	166.6
30°	344.8	365.3	374.9	372.7	374.9	365.3	344.8	313.0	271.4	240.5	210.7
27.5°	562.5	613.8	644.1	646.5	644.1	613.8	562.5	491.3	399.6	348.2	283.2
25°	904.0	991.5	1047.6	1048.4	1047.6	991.5	904.0	786.3	653.4	537.7	407.7
22.5°	1341.3	1460.7	1526.2	1537.6	1526.2	1460.7	1341.3	1180.6	1006.7	816.4	623.7
20°	1848.0	2006.8	2091.8	2091.9	2091.8	2006.8	1848.0	1634.7	1415.0	1154.3	898.4
17.5°	2471.9	2729.8	2891.8	2961.5	2891.8	2729.8	2471.9	2161.5	1872.6	1539.9	1205.6
15°	3300.8	3734.3	3994.0	4040.9	3994.0	3734.3	3300.8	2850.3	2382.3	1950.6	1530.2
12.5°	4310.1	4858.7	5227.5	5362.6	5227.5	4858.7	4310.1	3677.4	2947.8	2374.6	1861.3
10°	5363.9	5872.2	6267.2	6400.0	6267.2	5872.2	5363.9	4561.3	3681.4	2819.9	2154.0
7.5°	6125.2	6731.3	7176.3	7371.7	7176.3	6731.3	6125.2	5327.9	4322.5	3296.7	2465.9
5°	6726.2	7443.4	7857.6	8041.4	7857.6	7443.4	6726.2	5873.8	4847.3	3698.6	2695.9
2.5°	7120.5	7829.1	8267.8	8437.3	8267.8	7829.1	7120.5	6220.7	5181.4	3944.9	2842.1
0°	7267.9	7960.8	8394.2	8601.3	8394.2	7960.8	7267.9	6307.3	5272.1	4003.3	2890.8
-2.5°	7120.5	7829.1	8267.8	8437.3	8267.8	7829.1	7120.5	6220.7	5181.4	3944.9	2842.1
-5°	6726.2	7443.4	7857.6	8041.4	7857.6	7443.4	6726.2	5873.8	4847.3	3698.6	2695.9
-7.5°	6125.2	6731.3	7176.3	7371.7	7176.3	6731.3	6125.2	5327.9	4322.5	3296.7	2465.9
-10°	5363.9	5872.2	6267.2	6400.0	6267.2	5872.2	5363.9	4561.3	3681.4	2819.9	2154.0
-12.5°	4310.1	4858.7	5227.5	5362.6	5227.5	4858.7	4310.1	3677.4	2947.8	2374.6	1861.3
-15°	3300.8	3734.3	3994.0	4040.9	3994.0	3734.3	3300.8	2850.3	2382.3	1950.6	1530.2
-17.5°	2471.9	2729.8	2891.8	2961.5	2891.8	2729.8	2471.9	2161.5	1872.6	1539.9	1205.6
-20°	1848.0	2006.8	2091.8	2091.9	2091.8	2006.8	1848.0	1634.7	1415.0	1154.3	898.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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°	1341.3	1460.7	1526.2	1537.6	1526.2	1460.7	1341.3	1180.6	1006.7	816.4	623.7
-25°	904.0	991.5	1047.6	1048.4	1047.6	991.5	904.0	786.3	653.4	537.7	407.7
-27.5°	562.5	613.8	644.1	646.5	644.1	613.8	562.5	491.3	399.6	348.2	283.2
-30°	344.8	365.3	374.9	372.7	374.9	365.3	344.8	313.0	271.4	240.5	210.7
-32.5°	232.8	242.9	248.3	249.0	248.3	242.9	232.8	218.2	198.6	180.6	166.6
-35°	174.5	179.4	182.0	182.2	182.0	179.4	174.5	167.1	157.6	147.2	139.0
-37.5°	141.1	143.7	144.8	144.1	144.8	143.7	141.1	137.2	131.9	125.4	120.4
-40°	119.9	121.4	122.3	123.1	122.3	121.4	119.9	117.7	114.6	110.9	107.5
-42.5°	105.2	105.9	106.3	106.6	106.3	105.9	105.2	104.0	102.3	100.1	97.8
-45°	94.8	95.1	95.2	95.0	95.2	95.1	94.8	94.2	93.2	92.0	90.6
-47.5°	86.8	86.9	86.9	86.7	86.9	86.9	86.8	86.5	86.0	85.3	84.4
-50°	80.3	80.1	79.8	79.5	79.8	80.1	80.3	80.4	80.3	79.9	79.2
-52.5°	75.4	75.1	74.8	74.5	74.8	75.1	75.4	75.5	75.3	75.0	74.4
-55°	70.8	70.6	70.4	70.1	70.4	70.6	70.8	70.8	70.7	70.4	70.1
-57.5°	66.7	66.7	66.7	66.8	66.7	66.7	66.7	66.7	66.5	66.3	66.0
-60°	62.6	62.7	62.8	62.9	62.8	62.7	62.6	62.4	62.1	61.7	61.2
-62.5°	56.6	56.7	57.0	57.4	57.0	56.7	56.6	56.4	56.0	55.7	55.4
-65°	50.0	50.0	50.4	50.8	50.4	50.0	50.0	49.8	49.5	49.2	48.9
-67.5°	43.9	44.0	44.4	44.7	44.4	44.0	43.9	43.7	43.4	43.1	42.8
-70°	38.0	38.0	38.3	38.6	38.3	38.0	38.0	38.0	37.9	37.7	37.5
-72.5°	32.6	32.5	32.6	32.6	32.6	32.5	32.6	32.6	32.5	32.3	32.0
-75°	26.9	27.0	27.1	27.1	27.1	27.0	26.9	26.9	26.7	26.5	26.3
-77.5°	21.4	21.4	21.5	21.5	21.5	21.4	21.4	21.4	21.3	21.2	20.9
-80°	16.0	15.9	16.0	16.0	16.0	15.9	16.0	16.0	15.9	15.8	15.6
-82.5°	10.9	10.9	11.0	11.0	11.0	10.9	10.9	10.8	10.6	10.5	10.5
-85°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.9
-87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	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: P626545 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-730-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°	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6
85°	5.9	5.8	5.8	5.6	5.4	5.2	5.0	4.8	4.5	4.3	4.0
82.5°	10.4	10.3	10.2	9.8	9.4	9.0	8.6	8.3	7.9	7.5	7.1
80°	15.3	15.0	14.7	14.2	13.7	13.1	12.5	11.9	11.3	10.7	10.2
77.5°	20.6	20.2	19.8	19.2	18.5	17.8	17.1	16.3	15.6	14.8	13.9
75°	26.1	25.7	25.2	24.5	23.7	22.9	21.9	20.9	19.9	18.8	17.8
72.5°	31.7	31.3	30.7	29.9	28.9	27.9	26.9	25.7	24.4	23.0	21.7
70°	37.1	36.7	36.1	35.4	34.4	33.3	32.1	30.7	29.2	27.7	26.1
67.5°	42.5	41.9	41.3	40.7	39.9	38.8	37.4	35.8	34.1	32.4	30.5
65°	48.4	47.7	46.9	46.2	45.4	44.3	43.0	41.4	39.5	37.3	35.0
62.5°	54.9	54.3	53.2	52.0	50.9	49.7	48.1	46.4	44.7	42.7	39.9
60°	60.8	60.2	58.8	57.4	56.0	54.6	52.8	50.9	49.1	47.0	44.5
57.5°	65.5	64.6	63.3	62.0	60.6	58.8	56.9	55.1	53.1	51.0	48.7
55°	69.6	68.6	67.2	65.8	64.2	62.4	60.5	58.5	56.6	54.9	52.5
52.5°	73.8	72.5	71.0	69.4	67.7	65.8	63.7	61.6	59.8	58.0	56.0
50°	78.3	76.7	74.9	73.0	71.2	69.1	66.9	64.7	62.9	61.0	59.0
47.5°	83.1	81.2	79.1	77.0	74.9	72.6	70.2	67.8	65.9	64.0	61.9
45°	88.8	86.4	83.7	81.3	78.7	76.2	73.7	71.2	68.8	66.6	64.6
42.5°	95.4	92.5	89.5	86.2	82.9	80.0	77.1	74.5	71.8	69.2	66.8
40°	103.7	99.5	96.0	91.9	88.0	84.1	80.9	77.7	74.7	71.8	69.1
37.5°	114.6	108.8	103.7	98.5	93.8	89.1	85.1	81.4	77.7	74.5	71.5
35°	129.4	121.2	113.2	106.4	100.2	94.7	89.5	85.2	81.2	77.3	73.9
32.5°	150.3	138.3	125.4	116.3	107.7	100.6	94.6	89.2	84.5	80.3	76.4
30°	183.1	161.9	143.7	128.3	117.2	107.5	99.7	93.3	87.9	83.2	78.9
27.5°	236.6	193.4	168.2	145.1	128.0	115.9	105.7	97.5	91.2	86.0	81.3
25°	323.3	250.4	199.4	167.5	142.7	124.8	112.3	102.4	94.7	88.5	83.0
22.5°	450.3	336.5	248.8	193.2	160.7	137.0	120.0	107.3	97.8	90.7	84.7
20°	650.6	447.5	320.8	234.8	181.8	148.7	128.1	113.1	101.7	93.0	86.2
17.5°	890.5	619.3	402.3	279.7	209.2	165.6	137.7	118.5	105.1	95.2	87.5
15°	1132.3	798.9	527.5	344.6	239.1	180.4	145.9	123.3	108.5	97.5	89.0
12.5°	1399.3	991.4	638.6	398.3	269.9	198.2	156.3	129.6	112.1	99.8	90.6
10°	1629.9	1171.2	772.2	484.4	310.4	216.8	165.9	135.1	115.1	101.7	91.8
7.5°	1837.6	1324.8	884.1	551.5	341.8	231.6	173.6	139.5	117.4	103.1	92.7
5°	1985.0	1442.2	974.2	602.3	364.3	241.9	178.9	142.6	118.9	103.9	93.2
2.5°	2076.9	1512.8	1033.0	632.4	375.3	247.5	182.3	144.3	120.2	104.9	93.4
0°	2085.3	1507.8	1041.3	647.1	368.3	248.4	183.9	144.7	120.9	105.5	93.3
-2.5°	2076.9	1512.8	1033.0	632.4	375.3	247.5	182.3	144.3	120.2	104.9	93.4
-5°	1985.0	1442.2	974.2	602.3	364.3	241.9	178.9	142.6	118.9	103.9	93.2
-7.5°	1837.6	1324.8	884.1	551.5	341.8	231.6	173.6	139.5	117.4	103.1	92.7
-10°	1629.9	1171.2	772.2	484.4	310.4	216.8	165.9	135.1	115.1	101.7	91.8
-12.5°	1399.3	991.4	638.6	398.3	269.9	198.2	156.3	129.6	112.1	99.8	90.6
-15°	1132.3	798.9	527.5	344.6	239.1	180.4	145.9	123.3	108.5	97.5	89.0
-17.5°	890.5	619.3	402.3	279.7	209.2	165.6	137.7	118.5	105.1	95.2	87.5
-20°	650.6	447.5	320.8	234.8	181.8	148.7	128.1	113.1	101.7	93.0	86.2



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REPORT NUMBER: P626545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	450.3	336.5	248.8	193.2	160.7	137.0	120.0	107.3	97.8	90.7	84.7
-25°	323.3	250.4	199.4	167.5	142.7	124.8	112.3	102.4	94.7	88.5	83.0
-27.5°	236.6	193.4	168.2	145.1	128.0	115.9	105.7	97.5	91.2	86.0	81.3
-30°	183.1	161.9	143.7	128.3	117.2	107.5	99.7	93.3	87.9	83.2	78.9
-32.5°	150.3	138.3	125.4	116.3	107.7	100.6	94.6	89.2	84.5	80.3	76.4
-35°	129.4	121.2	113.2	106.4	100.2	94.7	89.5	85.2	81.2	77.3	73.9
-37.5°	114.6	108.8	103.7	98.5	93.8	89.1	85.1	81.4	77.7	74.5	71.5
-40°	103.7	99.5	96.0	91.9	88.0	84.1	80.9	77.7	74.7	71.8	69.1
-42.5°	95.4	92.5	89.5	86.2	82.9	80.0	77.1	74.5	71.8	69.2	66.8
-45°	88.8	86.4	83.7	81.3	78.7	76.2	73.7	71.2	68.8	66.6	64.6
-47.5°	83.1	81.2	79.1	77.0	74.9	72.6	70.2	67.8	65.9	64.0	61.9
-50°	78.3	76.7	74.9	73.0	71.2	69.1	66.9	64.7	62.9	61.0	59.0
-52.5°	73.8	72.5	71.0	69.4	67.7	65.8	63.7	61.6	59.8	58.0	56.0
-55°	69.6	68.6	67.2	65.8	64.2	62.4	60.5	58.5	56.6	54.9	52.5
-57.5°	65.5	64.6	63.3	62.0	60.6	58.8	56.9	55.1	53.1	51.0	48.7
-60°	60.8	60.2	58.8	57.4	56.0	54.6	52.8	50.9	49.1	47.0	44.5
-62.5°	54.9	54.3	53.2	52.0	50.9	49.7	48.1	46.4	44.7	42.7	39.9
-65°	48.4	47.7	46.9	46.2	45.4	44.3	43.0	41.4	39.5	37.3	35.0
-67.5°	42.5	41.9	41.3	40.7	39.9	38.8	37.4	35.8	34.1	32.4	30.5
-70°	37.1	36.7	36.1	35.4	34.4	33.3	32.1	30.7	29.2	27.7	26.1
-72.5°	31.7	31.3	30.7	29.9	28.9	27.9	26.9	25.7	24.4	23.0	21.7
-75°	26.1	25.7	25.2	24.5	23.7	22.9	21.9	20.9	19.9	18.8	17.8
-77.5°	20.6	20.2	19.8	19.2	18.5	17.8	17.1	16.3	15.6	14.8	13.9
-80°	15.3	15.0	14.7	14.2	13.7	13.1	12.5	11.9	11.3	10.7	10.2
-82.5°	10.4	10.3	10.2	9.8	9.4	9.0	8.6	8.3	7.9	7.5	7.1
-85°	5.9	5.8	5.8	5.6	5.4	5.2	5.0	4.8	4.5	4.3	4.0
-87.5°	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626545 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7
85°	3.7	3.5	3.2	2.8	2.5	2.2	2.0	1.9	1.7	1.5	1.3
82.5°	6.7	6.3	5.8	5.4	4.9	4.4	3.9	3.4	2.8	2.3	2.0
80°	9.7	9.1	8.5	7.9	7.2	6.6	5.9	5.2	4.4	3.7	3.0
77.5°	13.0	12.1	11.2	10.4	9.7	8.9	8.0	7.1	6.0	5.1	4.2
75°	16.8	15.7	14.5	13.4	12.3	11.2	10.3	9.1	7.8	6.5	5.3
72.5°	20.5	19.3	17.9	16.5	15.2	13.9	12.6	11.1	9.6	8.1	6.6
70°	24.5	22.9	21.4	19.8	18.2	16.6	15.0	13.3	11.4	9.7	8.0
67.5°	28.7	26.8	25.0	23.2	21.3	19.4	17.5	15.5	13.4	11.3	9.3
65°	32.9	30.7	28.5	26.5	24.4	22.3	20.1	17.7	15.3	13.0	10.7
62.5°	37.2	34.7	32.2	29.8	27.5	25.1	22.7	20.0	17.3	14.7	12.1
60°	41.6	38.7	35.9	33.2	30.5	27.9	25.2	22.2	19.2	16.4	13.6
57.5°	45.8	42.6	39.4	36.4	33.5	30.7	27.6	24.3	21.1	18.0	15.0
55°	49.8	46.6	42.9	39.5	36.4	33.3	29.9	26.5	22.9	19.6	16.4
52.5°	53.4	50.1	46.3	42.5	39.0	35.7	32.1	28.6	24.8	21.1	17.7
50°	56.7	53.4	49.5	45.4	41.5	37.9	34.2	30.5	26.6	22.7	19.0
47.5°	59.5	56.3	52.5	48.2	44.0	40.0	36.2	32.3	28.4	24.2	20.3
45°	62.0	59.1	55.4	51.0	46.3	42.1	38.0	34.0	29.9	25.7	21.5
42.5°	64.4	61.6	58.1	53.7	48.7	44.1	39.7	35.5	31.3	27.1	22.7
40°	66.5	63.7	60.7	56.2	51.0	45.9	41.4	37.0	32.7	28.4	23.8
37.5°	68.6	65.7	62.6	58.5	53.1	47.9	43.0	38.4	34.0	29.6	24.9
35°	70.8	67.7	64.3	60.4	55.2	49.7	44.4	39.8	35.2	30.6	25.9
32.5°	72.9	69.5	65.8	61.9	57.0	51.3	45.9	41.0	36.4	31.7	26.9
30°	74.9	70.9	67.2	63.5	58.7	52.8	47.3	42.2	37.4	32.6	27.7
27.5°	76.5	72.2	68.4	64.8	60.0	54.3	48.6	43.3	38.4	33.5	28.5
25°	77.9	73.4	69.4	65.8	61.4	55.8	49.9	44.3	39.3	34.2	29.2
22.5°	79.3	74.4	70.3	66.6	62.7	57.1	51.1	45.3	40.1	34.9	29.8
20°	80.5	75.3	71.0	67.4	63.6	58.2	52.1	46.2	40.8	35.6	30.3
17.5°	81.6	76.2	71.7	68.0	64.2	59.1	53.1	47.0	41.4	36.1	30.8
15°	82.6	77.1	72.4	68.5	64.7	59.8	53.9	47.7	41.9	36.6	31.2
12.5°	83.5	77.8	72.9	68.9	65.1	60.4	54.6	48.2	42.4	37.0	31.7
10°	84.2	78.2	73.2	69.1	65.5	60.8	55.1	48.7	42.9	37.4	32.0
7.5°	84.7	78.4	73.5	69.2	65.7	61.2	55.6	49.3	43.4	37.7	32.3
5°	85.1	78.5	73.6	69.4	65.8	61.5	56.0	49.7	43.7	37.9	32.4
2.5°	85.5	78.6	73.6	69.5	65.8	61.7	56.2	50.0	44.0	38.1	32.6
0°	85.6	78.4	73.4	69.6	65.7	61.8	56.3	50.2	44.2	38.1	32.6
-2.5°	85.5	78.6	73.6	69.5	65.8	61.7	56.2	50.0	44.0	38.1	32.6
-5°	85.1	78.5	73.6	69.4	65.8	61.5	56.0	49.7	43.7	37.9	32.4
-7.5°	84.7	78.4	73.5	69.2	65.7	61.2	55.6	49.3	43.4	37.7	32.3
-10°	84.2	78.2	73.2	69.1	65.5	60.8	55.1	48.7	42.9	37.4	32.0
-12.5°	83.5	77.8	72.9	68.9	65.1	60.4	54.6	48.2	42.4	37.0	31.7
-15°	82.6	77.1	72.4	68.5	64.7	59.8	53.9	47.7	41.9	36.6	31.2
-17.5°	81.6	76.2	71.7	68.0	64.2	59.1	53.1	47.0	41.4	36.1	30.8
-20°	80.5	75.3	71.0	67.4	63.6	58.2	52.1	46.2	40.8	35.6	30.3

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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°	79.3	74.4	70.3	66.6	62.7	57.1	51.1	45.3	40.1	34.9	29.8
-25°	77.9	73.4	69.4	65.8	61.4	55.8	49.9	44.3	39.3	34.2	29.2
-27.5°	76.5	72.2	68.4	64.8	60.0	54.3	48.6	43.3	38.4	33.5	28.5
-30°	74.9	70.9	67.2	63.5	58.7	52.8	47.3	42.2	37.4	32.6	27.7
-32.5°	72.9	69.5	65.8	61.9	57.0	51.3	45.9	41.0	36.4	31.7	26.9
-35°	70.8	67.7	64.3	60.4	55.2	49.7	44.4	39.8	35.2	30.6	25.9
-37.5°	68.6	65.7	62.6	58.5	53.1	47.9	43.0	38.4	34.0	29.6	24.9
-40°	66.5	63.7	60.7	56.2	51.0	45.9	41.4	37.0	32.7	28.4	23.8
-42.5°	64.4	61.6	58.1	53.7	48.7	44.1	39.7	35.5	31.3	27.1	22.7
-45°	62.0	59.1	55.4	51.0	46.3	42.1	38.0	34.0	29.9	25.7	21.5
-47.5°	59.5	56.3	52.5	48.2	44.0	40.0	36.2	32.3	28.4	24.2	20.3
-50°	56.7	53.4	49.5	45.4	41.5	37.9	34.2	30.5	26.6	22.7	19.0
-52.5°	53.4	50.1	46.3	42.5	39.0	35.7	32.1	28.6	24.8	21.1	17.7
-55°	49.8	46.6	42.9	39.5	36.4	33.3	29.9	26.5	22.9	19.6	16.4
-57.5°	45.8	42.6	39.4	36.4	33.5	30.7	27.6	24.3	21.1	18.0	15.0
-60°	41.6	38.7	35.9	33.2	30.5	27.9	25.2	22.2	19.2	16.4	13.6
-62.5°	37.2	34.7	32.2	29.8	27.5	25.1	22.7	20.0	17.3	14.7	12.1
-65°	32.9	30.7	28.5	26.5	24.4	22.3	20.1	17.7	15.3	13.0	10.7
-67.5°	28.7	26.8	25.0	23.2	21.3	19.4	17.5	15.5	13.4	11.3	9.3
-70°	24.5	22.9	21.4	19.8	18.2	16.6	15.0	13.3	11.4	9.7	8.0
-72.5°	20.5	19.3	17.9	16.5	15.2	13.9	12.6	11.1	9.6	8.1	6.6
-75°	16.8	15.7	14.5	13.4	12.3	11.2	10.3	9.1	7.8	6.5	5.3
-77.5°	13.0	12.1	11.2	10.4	9.7	8.9	8.0	7.1	6.0	5.1	4.2
-80°	9.7	9.1	8.5	7.9	7.2	6.6	5.9	5.2	4.4	3.7	3.0
-82.5°	6.7	6.3	5.8	5.4	4.9	4.4	3.9	3.4	2.8	2.3	2.0
-85°	3.7	3.5	3.2	2.8	2.5	2.2	2.0	1.9	1.7	1.5	1.3
-87.5°	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626545 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
80°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
77.5°	3.3	2.5	1.9	1.4	1.0	0.5	0.0
75°	4.3	3.3	2.3	1.7	1.1	0.6	0.0
72.5°	5.3	4.1	3.0	2.0	1.3	0.7	0.0
70°	6.3	4.9	3.6	2.3	1.5	0.8	0.0
67.5°	7.4	5.7	4.2	2.8	1.7	0.8	0.0
65°	8.6	6.6	4.9	3.2	1.9	0.9	0.0
62.5°	9.8	7.5	5.5	3.7	2.0	1.0	0.0
60°	10.9	8.5	6.1	4.1	2.2	1.1	0.0
57.5°	12.1	9.4	6.8	4.6	2.5	1.2	0.0
55°	13.3	10.3	7.5	5.0	2.8	1.3	0.0
52.5°	14.4	11.2	8.2	5.4	3.0	1.3	0.0
50°	15.5	12.0	8.9	5.8	3.3	1.4	0.0
47.5°	16.5	12.9	9.5	6.2	3.6	1.5	0.0
45°	17.5	13.7	10.1	6.7	3.8	1.6	0.0
42.5°	18.5	14.5	10.7	7.1	4.0	1.6	0.0
40°	19.4	15.2	11.3	7.5	4.3	1.7	0.0
37.5°	20.3	15.9	11.8	7.9	4.5	1.7	0.0
35°	21.2	16.6	12.4	8.3	4.7	1.8	0.0
32.5°	21.9	17.2	12.9	8.6	4.9	1.9	0.0
30°	22.7	17.8	13.3	8.9	5.1	1.9	0.0
27.5°	23.4	18.4	13.7	9.2	5.2	2.0	0.0
25°	24.0	18.9	14.1	9.5	5.4	2.0	0.0
22.5°	24.6	19.4	14.4	9.7	5.5	2.0	0.0
20°	25.1	19.8	14.7	9.9	5.6	2.1	0.0
17.5°	25.5	20.1	15.0	10.1	5.7	2.1	0.0
15°	25.9	20.4	15.3	10.2	5.8	2.1	0.0
12.5°	26.3	20.6	15.5	10.3	5.9	2.1	0.0
10°	26.6	20.8	15.7	10.4	6.0	2.2	0.0
7.5°	26.8	20.9	15.8	10.5	6.0	2.2	0.0
5°	27.0	21.0	15.9	10.5	6.1	2.2	0.0
2.5°	27.1	21.0	16.0	10.5	6.1	2.2	0.0
0°	27.1	21.0	16.0	10.5	6.1	2.2	0.0
-2.5°	27.1	21.0	16.0	10.5	6.1	2.2	0.0
-5°	27.0	21.0	15.9	10.5	6.1	2.2	0.0
-7.5°	26.8	20.9	15.8	10.5	6.0	2.2	0.0
-10°	26.6	20.8	15.7	10.4	6.0	2.2	0.0
-12.5°	26.3	20.6	15.5	10.3	5.9	2.1	0.0
-15°	25.9	20.4	15.3	10.2	5.8	2.1	0.0
-17.5°	25.5	20.1	15.0	10.1	5.7	2.1	0.0
-20°	25.1	19.8	14.7	9.9	5.6	2.1	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.6	19.4	14.4	9.7	5.5	2.0	0.0
-25°	24.0	18.9	14.1	9.5	5.4	2.0	0.0
-27.5°	23.4	18.4	13.7	9.2	5.2	2.0	0.0
-30°	22.7	17.8	13.3	8.9	5.1	1.9	0.0
-32.5°	21.9	17.2	12.9	8.6	4.9	1.9	0.0
-35°	21.2	16.6	12.4	8.3	4.7	1.8	0.0
-37.5°	20.3	15.9	11.8	7.9	4.5	1.7	0.0
-40°	19.4	15.2	11.3	7.5	4.3	1.7	0.0
-42.5°	18.5	14.5	10.7	7.1	4.0	1.6	0.0
-45°	17.5	13.7	10.1	6.7	3.8	1.6	0.0
-47.5°	16.5	12.9	9.5	6.2	3.6	1.5	0.0
-50°	15.5	12.0	8.9	5.8	3.3	1.4	0.0
-52.5°	14.4	11.2	8.2	5.4	3.0	1.3	0.0
-55°	13.3	10.3	7.5	5.0	2.8	1.3	0.0
-57.5°	12.1	9.4	6.8	4.6	2.5	1.2	0.0
-60°	10.9	8.5	6.1	4.1	2.2	1.1	0.0
-62.5°	9.8	7.5	5.5	3.7	2.0	1.0	0.0
-65°	8.6	6.6	4.9	3.2	1.9	0.9	0.0
-67.5°	7.4	5.7	4.2	2.8	1.7	0.8	0.0
-70°	6.3	4.9	3.6	2.3	1.5	0.8	0.0
-72.5°	5.3	4.1	3.0	2.0	1.3	0.7	0.0
-75°	4.3	3.3	2.3	1.7	1.1	0.6	0.0
-77.5°	3.3	2.5	1.9	1.4	1.0	0.5	0.0
-80°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-82.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-85°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)