

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: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-740-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1A-740-U-MWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N25  
Light Source: (16) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2948.3 lumens  
Efficiency: N/A  
Efficacy: 162.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V  
Max Intensity: 3464.1 candela  
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V  
Beam Lumens: 1956.9 lumens  
Beam Efficiency: 66.4%

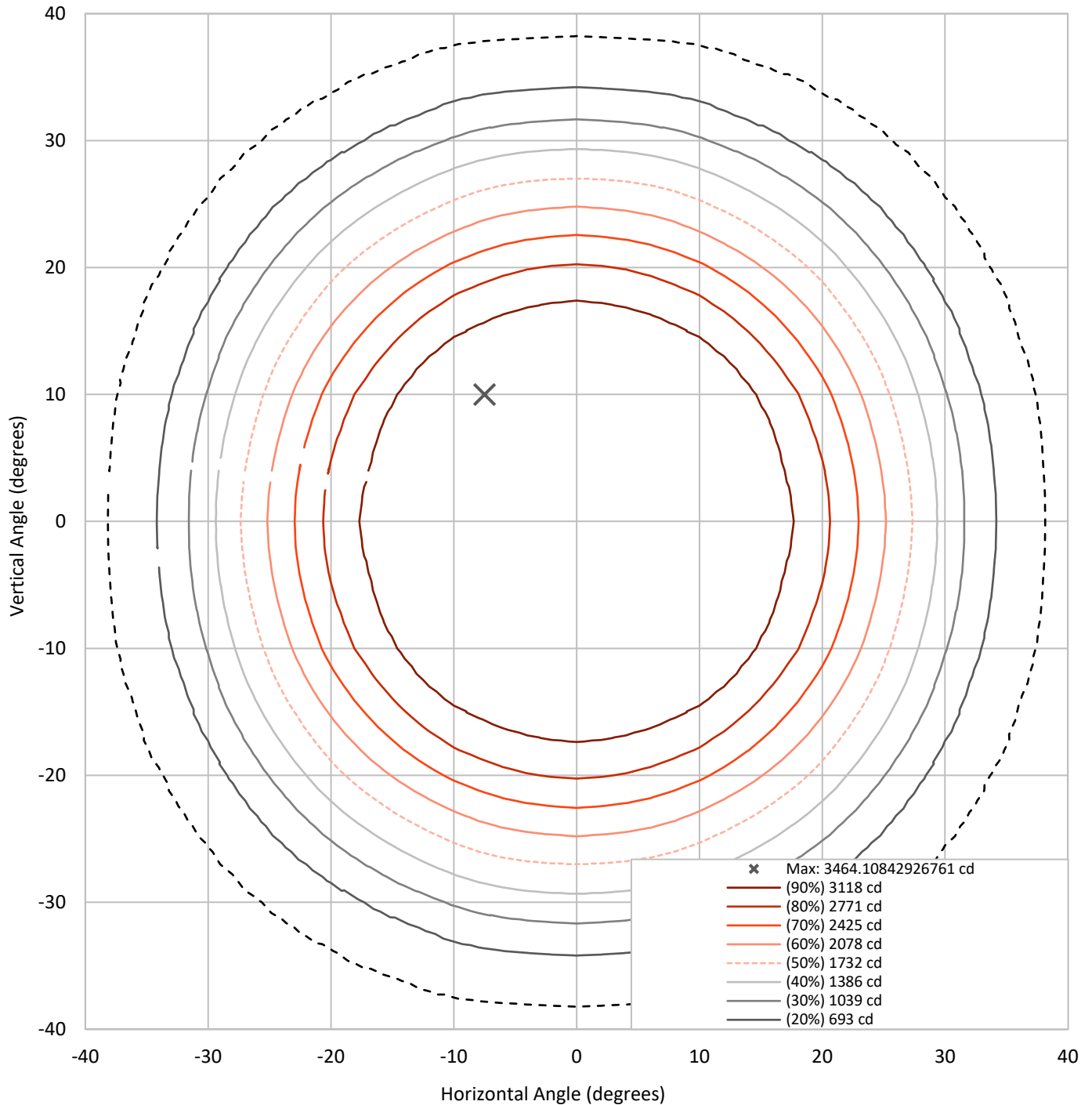
Field Angle (10%): 74.5°H x 75.5°V  
Field Lumens: 2544.5 lumens  
Field Efficiency: 86.3%

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



REPORT NUMBER: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-740-U-MWR-XX

### Iso-Candela Plot





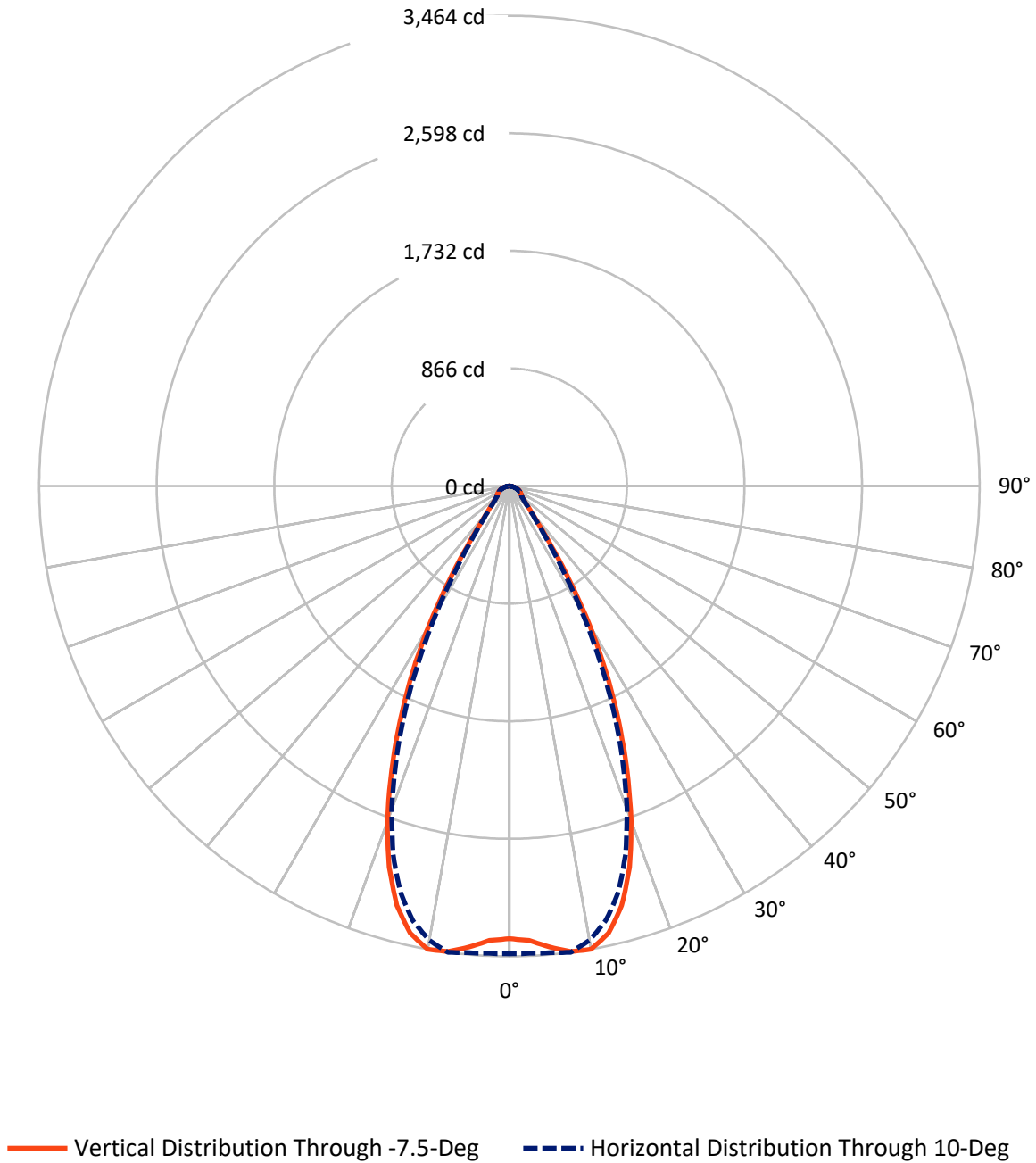
REPORT NUMBER: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-U-MWR-XX

### Lumen Table

90																			
80	0.1	0.7		1.9		2.9		3.3		2.9		1.9		0.7	0.1				
70																			
60	0.3	0.4	0.7	1.2	1.7	2.0	2.3	2.4	2.4	2.3	2.0	1.7	1.2	0.7	0.4	0.3			
50		0.5	1.1	1.7	2.3	2.8	3.1	3.2	3.2	3.1	2.8	2.3	1.7	1.1	0.5				
40	0.6	0.7	1.3	2.1	2.8	3.6	4.5	5.2	5.2	4.5	3.6	2.8	2.1	1.3	0.7	0.6			
30		0.8	1.6	2.4	3.7	6.7	12.8	19.0	19.0	12.8	6.7	3.7	2.4	1.6	0.8				
20	0.7	0.9	1.7	2.8	6.0	18.9	42.5	59.3	59.3	42.5	18.9	6.0	2.8	1.7	0.9	0.7			
10		1.0	1.8	3.3	10.9	40.3	77.1	96.4	96.4	77.1	40.3	10.9	3.3	1.8	1.0				
0	0.8	1.0	1.8	3.7	15.7	55.2	93.5	101.7	101.7	93.5	55.2	15.7	3.7	1.8	1.0	0.8			
-10		1.0	1.8	3.7	15.7	55.2	93.5	101.7	101.7	93.5	55.2	15.7	3.7	1.8	1.0				
-20	0.7	1.0	1.8	3.3	10.9	40.3	77.1	96.4	96.4	77.1	40.3	10.9	3.3	1.8	1.0	0.7			
-30		0.9	1.7	2.8	6.0	18.9	42.5	59.3	59.3	42.5	18.9	6.0	2.8	1.7	0.9				
-40	0.6	0.8	1.6	2.4	3.7	6.7	12.8	19.0	19.0	12.8	6.7	3.7	2.4	1.6	0.8	0.6			
-50		0.7	1.3	2.1	2.8	3.6	4.5	5.2	5.2	4.5	3.6	2.8	2.1	1.3	0.7				
-60	0.3	0.5	1.1	1.7	2.3	2.8	3.1	3.2	3.2	3.1	2.8	2.3	1.7	1.1	0.5	0.3			
-70		0.4	0.7	1.2	1.7	2.0	2.3	2.4	2.4	2.3	2.0	1.7	1.2	0.7	0.4				
-80																			
-90	0.1	0.7		1.9		2.9		3.3		2.9		1.9		0.7	0.1				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

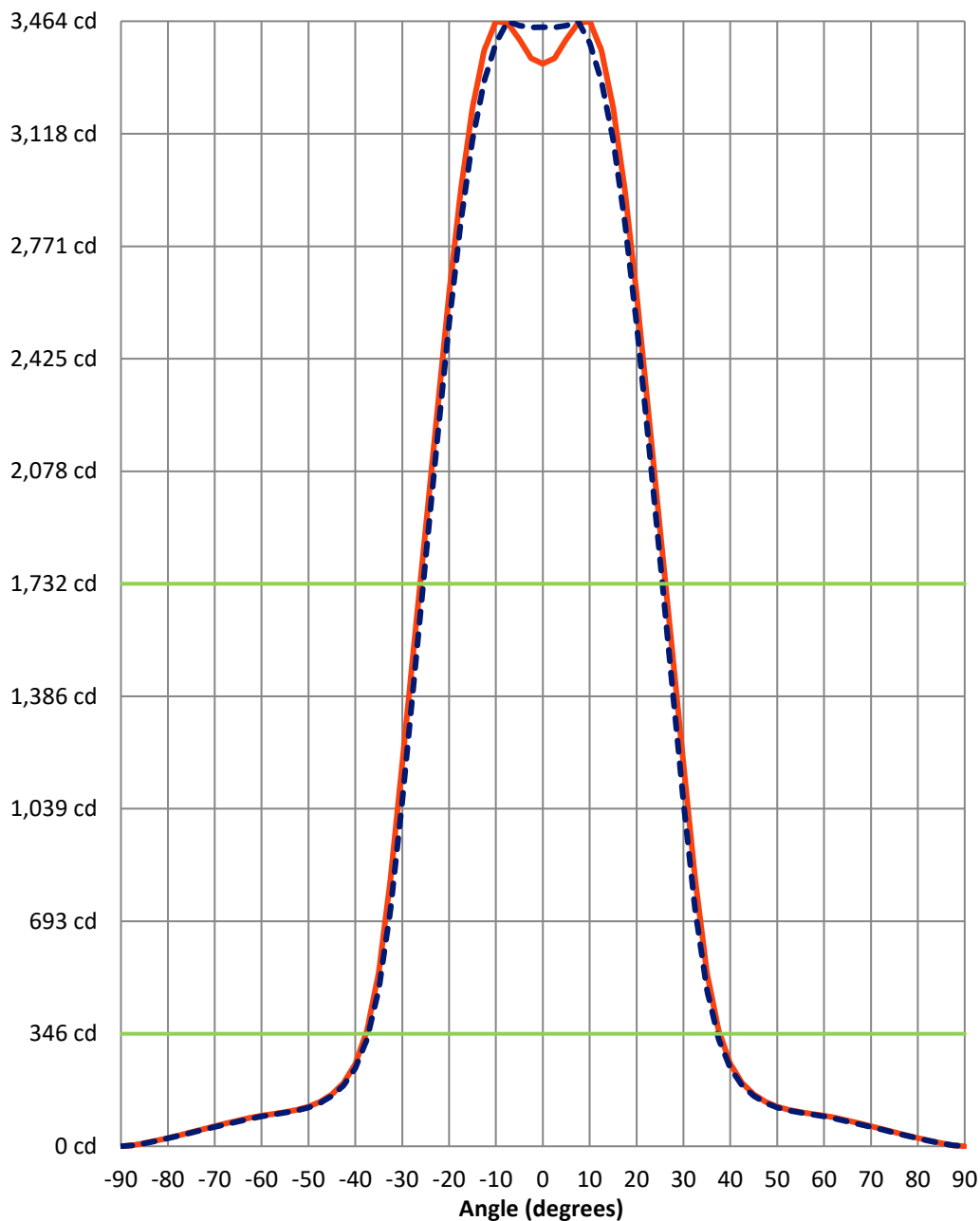
REPORT NUMBER: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-740-U-MWR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-U-MWR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 1956.9  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 2544.5  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 403.8  
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg  
 - - - Horizontal Distribution through 10-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-XX

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	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.5
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.9	2.3	2.6	3.0
82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.8	3.4	4.3	5.2
80°	0.0	0.5	1.0	1.6	2.1	2.6	3.2	4.4	5.6	6.7	7.8
77.5°	0.0	0.6	1.3	1.9	2.6	3.5	4.9	6.4	7.8	9.1	10.5
75°	0.0	0.8	1.6	2.3	3.2	4.9	6.6	8.3	9.9	11.9	13.7
72.5°	0.0	0.9	1.8	2.7	4.3	6.3	8.3	10.3	12.6	14.8	17.0
70°	0.0	1.0	2.0	3.2	5.4	7.7	9.9	12.6	15.1	17.7	20.3
67.5°	0.0	1.1	2.3	4.0	6.5	9.0	11.8	14.8	17.7	20.6	23.7
65°	0.0	1.3	2.5	4.8	7.6	10.5	13.7	17.0	20.2	23.6	27.1
62.5°	0.0	1.4	2.8	5.6	8.6	12.0	15.5	19.1	22.7	26.5	30.7
60°	0.0	1.5	3.0	6.3	9.6	13.4	17.3	21.2	25.2	29.7	34.3
57.5°	0.0	1.6	3.5	7.1	10.8	14.8	19.1	23.3	27.8	32.7	37.6
55°	0.0	1.7	4.0	7.8	11.8	16.2	20.8	25.3	30.4	35.7	40.8
52.5°	0.0	1.8	4.4	8.5	12.9	17.5	22.5	27.5	33.0	38.5	44.0
50°	0.0	1.9	4.9	9.2	13.9	18.9	24.1	29.6	35.4	41.2	47.0
47.5°	0.0	2.0	5.3	9.9	14.9	20.3	25.7	31.7	37.7	43.8	49.9
45°	0.0	2.1	5.7	10.6	15.8	21.5	27.4	33.6	39.9	46.3	52.7
42.5°	0.0	2.2	6.1	11.2	16.7	22.8	29.0	35.5	42.0	48.7	55.4
40°	0.0	2.3	6.4	11.8	17.6	24.0	30.5	37.2	44.1	51.0	57.9
37.5°	0.0	2.4	6.8	12.4	18.5	25.1	31.9	38.9	46.1	53.3	60.4
35°	0.0	2.5	7.1	12.9	19.3	26.2	33.3	40.4	47.9	55.4	62.7
32.5°	0.0	2.5	7.4	13.4	20.1	27.3	34.5	41.9	49.7	57.3	64.7
30°	0.0	2.6	7.7	13.9	20.9	28.2	35.6	43.2	51.4	59.1	66.6
27.5°	0.0	2.7	7.9	14.3	21.6	29.1	36.7	44.6	52.9	60.7	68.3
25°	0.0	2.7	8.2	14.7	22.2	29.9	37.7	45.8	54.3	62.2	69.9
22.5°	0.0	2.8	8.4	15.1	22.8	30.6	38.5	47.0	55.5	63.5	71.4
20°	0.0	2.8	8.5	15.4	23.2	31.3	39.3	48.0	56.5	64.6	72.6
17.5°	0.0	2.9	8.7	15.7	23.7	31.8	40.0	48.9	57.4	65.6	73.8
15°	0.0	2.9	8.8	15.9	24.0	32.2	40.6	49.7	58.2	66.5	74.7
12.5°	0.0	2.9	8.9	16.1	24.3	32.6	41.1	50.4	58.9	67.2	75.5
10°	0.0	3.0	9.0	16.2	24.6	32.9	41.6	51.0	59.5	67.9	76.2
7.5°	0.0	3.0	9.1	16.3	24.8	33.1	41.9	51.5	60.0	68.4	76.8
5°	0.0	3.0	9.1	16.4	24.9	33.3	42.2	51.8	60.3	68.8	77.3
2.5°	0.0	3.0	9.1	16.4	24.9	33.3	42.3	52.0	60.5	69.0	77.5
0°	0.0	3.0	9.1	16.4	24.9	33.3	42.4	52.1	60.6	69.1	77.6
-2.5°	0.0	3.0	9.1	16.4	24.9	33.3	42.3	52.0	60.5	69.0	77.5
-5°	0.0	3.0	9.1	16.4	24.9	33.3	42.2	51.8	60.3	68.8	77.3
-7.5°	0.0	3.0	9.1	16.3	24.8	33.1	41.9	51.5	60.0	68.4	76.8
-10°	0.0	3.0	9.0	16.2	24.6	32.9	41.6	51.0	59.5	67.9	76.2
-12.5°	0.0	2.9	8.9	16.1	24.3	32.6	41.1	50.4	58.9	67.2	75.5
-15°	0.0	2.9	8.8	15.9	24.0	32.2	40.6	49.7	58.2	66.5	74.7
-17.5°	0.0	2.9	8.7	15.7	23.7	31.8	40.0	48.9	57.4	65.6	73.8
-20°	0.0	2.8	8.5	15.4	23.2	31.3	39.3	48.0	56.5	64.6	72.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.8	8.4	15.1	22.8	30.6	38.5	47.0	55.5	63.5	71.4
-25°	0.0	2.7	8.2	14.7	22.2	29.9	37.7	45.8	54.3	62.2	69.9
-27.5°	0.0	2.7	7.9	14.3	21.6	29.1	36.7	44.6	52.9	60.7	68.3
-30°	0.0	2.6	7.7	13.9	20.9	28.2	35.6	43.2	51.4	59.1	66.6
-32.5°	0.0	2.5	7.4	13.4	20.1	27.3	34.5	41.9	49.7	57.3	64.7
-35°	0.0	2.5	7.1	12.9	19.3	26.2	33.3	40.4	47.9	55.4	62.7
-37.5°	0.0	2.4	6.8	12.4	18.5	25.1	31.9	38.9	46.1	53.3	60.4
-40°	0.0	2.3	6.4	11.8	17.6	24.0	30.5	37.2	44.1	51.0	57.9
-42.5°	0.0	2.2	6.1	11.2	16.7	22.8	29.0	35.5	42.0	48.7	55.4
-45°	0.0	2.1	5.7	10.6	15.8	21.5	27.4	33.6	39.9	46.3	52.7
-47.5°	0.0	2.0	5.3	9.9	14.9	20.3	25.7	31.7	37.7	43.8	49.9
-50°	0.0	1.9	4.9	9.2	13.9	18.9	24.1	29.6	35.4	41.2	47.0
-52.5°	0.0	1.8	4.4	8.5	12.9	17.5	22.5	27.5	33.0	38.5	44.0
-55°	0.0	1.7	4.0	7.8	11.8	16.2	20.8	25.3	30.4	35.7	40.8
-57.5°	0.0	1.6	3.5	7.1	10.8	14.8	19.1	23.3	27.8	32.7	37.6
-60°	0.0	1.5	3.0	6.3	9.6	13.4	17.3	21.2	25.2	29.7	34.3
-62.5°	0.0	1.4	2.8	5.6	8.6	12.0	15.5	19.1	22.7	26.5	30.7
-65°	0.0	1.3	2.5	4.8	7.6	10.5	13.7	17.0	20.2	23.6	27.1
-67.5°	0.0	1.1	2.3	4.0	6.5	9.0	11.8	14.8	17.7	20.6	23.7
-70°	0.0	1.0	2.0	3.2	5.4	7.7	9.9	12.6	15.1	17.7	20.3
-72.5°	0.0	0.9	1.8	2.7	4.3	6.3	8.3	10.3	12.6	14.8	17.0
-75°	0.0	0.8	1.6	2.3	3.2	4.9	6.6	8.3	9.9	11.9	13.7
-77.5°	0.0	0.6	1.3	1.9	2.6	3.5	4.9	6.4	7.8	9.1	10.5
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.2	4.4	5.6	6.7	7.8
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.8	3.4	4.3	5.2
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.9	2.3	2.6	3.0
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.5
-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: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-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°	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.9
85°	3.3	3.6	4.1	4.6	5.1	5.5	5.9	6.4	6.8	7.2	7.5
82.5°	6.0	6.8	7.6	8.4	9.1	9.8	10.5	11.2	11.9	12.5	13.2
80°	8.8	9.9	11.2	12.4	13.4	14.4	15.4	16.3	17.3	18.4	19.4
77.5°	12.1	13.7	15.1	16.5	17.8	19.3	20.7	22.0	23.4	24.8	26.1
75°	15.6	17.4	19.3	21.1	22.9	24.7	26.4	28.1	29.8	31.6	33.2
72.5°	19.2	21.5	23.7	25.9	28.1	30.3	32.4	34.4	36.5	38.6	40.6
70°	23.0	25.6	28.3	30.9	33.4	36.0	38.5	41.0	43.4	45.9	48.3
67.5°	26.8	30.0	33.1	36.0	39.0	42.0	44.8	47.8	50.6	53.5	56.2
65°	31.0	34.5	37.8	41.2	44.5	48.0	51.4	54.7	58.0	61.2	64.1
62.5°	35.0	38.8	42.5	46.3	50.3	54.2	58.0	61.7	65.6	68.9	71.8
60°	38.8	43.0	47.1	51.5	55.9	60.1	64.3	68.4	72.5	76.4	78.7
57.5°	42.4	47.1	51.7	56.3	61.0	65.7	70.1	74.6	78.4	81.7	84.4
55°	46.0	51.0	55.9	60.7	65.8	70.7	75.5	79.8	83.5	86.2	88.9
52.5°	49.4	54.7	59.7	65.0	70.4	75.6	80.6	84.6	87.6	90.4	92.9
50°	52.7	58.1	63.4	69.2	74.8	80.4	85.1	88.5	91.6	94.3	96.9
47.5°	55.8	61.4	67.1	73.2	79.1	84.5	88.8	92.4	95.6	98.5	101.6
45°	58.8	64.8	70.8	77.0	83.1	88.3	92.4	96.4	99.3	102.6	106.2
42.5°	61.7	68.0	74.3	80.7	86.9	91.7	95.9	99.4	102.9	106.9	111.1
40°	64.5	71.0	77.6	84.3	90.4	94.7	98.8	102.6	106.9	111.5	116.5
37.5°	67.1	73.9	80.7	87.7	93.1	97.5	101.6	105.9	110.9	116.2	122.9
35°	69.5	76.5	83.6	90.3	95.4	100.1	104.4	109.1	114.9	122.0	130.6
32.5°	71.8	79.0	86.3	92.4	97.6	102.4	106.8	112.8	119.8	128.1	140.3
30°	73.9	81.3	88.6	94.5	99.5	104.4	109.8	116.5	124.6	136.8	152.4
27.5°	75.8	83.3	90.4	96.2	101.2	106.3	112.6	120.7	131.4	146.0	165.3
25°	77.6	85.3	92.1	97.7	102.9	108.5	115.3	124.4	138.5	157.3	183.4
22.5°	79.2	87.0	93.7	98.9	104.4	110.5	118.5	129.8	146.1	168.0	201.7
20°	80.6	88.4	95.0	100.1	105.8	112.1	121.2	134.9	154.5	182.9	226.0
17.5°	81.9	89.5	95.9	101.2	107.2	114.0	123.9	139.3	162.1	196.0	250.6
15°	83.0	90.5	96.7	102.2	108.4	116.1	127.7	145.1	170.8	209.5	272.0
12.5°	83.9	91.4	97.3	103.0	109.3	117.9	130.9	150.6	179.9	226.2	303.5
10°	84.6	92.0	97.8	103.7	110.1	119.3	133.5	155.1	187.4	240.6	330.4
7.5°	85.2	92.5	98.1	104.1	110.6	120.3	135.5	158.5	193.2	251.9	351.6
5°	85.7	92.8	98.3	104.3	111.0	121.0	136.8	160.9	197.2	260.0	366.6
2.5°	86.0	92.9	98.3	104.4	111.4	121.3	137.5	162.3	200.3	263.8	374.7
0°	86.1	92.8	98.2	104.3	111.5	121.2	137.6	162.5	201.9	263.7	375.9
-2.5°	86.0	92.9	98.3	104.4	111.4	121.3	137.5	162.3	200.3	263.8	374.7
-5°	85.7	92.8	98.3	104.3	111.0	121.0	136.8	160.9	197.2	260.0	366.6
-7.5°	85.2	92.5	98.1	104.1	110.6	120.3	135.5	158.5	193.2	251.9	351.6
-10°	84.6	92.0	97.8	103.7	110.1	119.3	133.5	155.1	187.4	240.6	330.4
-12.5°	83.9	91.4	97.3	103.0	109.3	117.9	130.9	150.6	179.9	226.2	303.5
-15°	83.0	90.5	96.7	102.2	108.4	116.1	127.7	145.1	170.8	209.5	272.0
-17.5°	81.9	89.5	95.9	101.2	107.2	114.0	123.9	139.3	162.1	196.0	250.6
-20°	80.6	88.4	95.0	100.1	105.8	112.1	121.2	134.9	154.5	182.9	226.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	79.2	87.0	93.7	98.9	104.4	110.5	118.5	129.8	146.1	168.0	201.7
-25°	77.6	85.3	92.1	97.7	102.9	108.5	115.3	124.4	138.5	157.3	183.4
-27.5°	75.8	83.3	90.4	96.2	101.2	106.3	112.6	120.7	131.4	146.0	165.3
-30°	73.9	81.3	88.6	94.5	99.5	104.4	109.8	116.5	124.6	136.8	152.4
-32.5°	71.8	79.0	86.3	92.4	97.6	102.4	106.8	112.8	119.8	128.1	140.3
-35°	69.5	76.5	83.6	90.3	95.4	100.1	104.4	109.1	114.9	122.0	130.6
-37.5°	67.1	73.9	80.7	87.7	93.1	97.5	101.6	105.9	110.9	116.2	122.9
-40°	64.5	71.0	77.6	84.3	90.4	94.7	98.8	102.6	106.9	111.5	116.5
-42.5°	61.7	68.0	74.3	80.7	86.9	91.7	95.9	99.4	102.9	106.9	111.1
-45°	58.8	64.8	70.8	77.0	83.1	88.3	92.4	96.4	99.3	102.6	106.2
-47.5°	55.8	61.4	67.1	73.2	79.1	84.5	88.8	92.4	95.6	98.5	101.6
-50°	52.7	58.1	63.4	69.2	74.8	80.4	85.1	88.5	91.6	94.3	96.9
-52.5°	49.4	54.7	59.7	65.0	70.4	75.6	80.6	84.6	87.6	90.4	92.9
-55°	46.0	51.0	55.9	60.7	65.8	70.7	75.5	79.8	83.5	86.2	88.9
-57.5°	42.4	47.1	51.7	56.3	61.0	65.7	70.1	74.6	78.4	81.7	84.4
-60°	38.8	43.0	47.1	51.5	55.9	60.1	64.3	68.4	72.5	76.4	78.7
-62.5°	35.0	38.8	42.5	46.3	50.3	54.2	58.0	61.7	65.6	68.9	71.8
-65°	31.0	34.5	37.8	41.2	44.5	48.0	51.4	54.7	58.0	61.2	64.1
-67.5°	26.8	30.0	33.1	36.0	39.0	42.0	44.8	47.8	50.6	53.5	56.2
-70°	23.0	25.6	28.3	30.9	33.4	36.0	38.5	41.0	43.4	45.9	48.3
-72.5°	19.2	21.5	23.7	25.9	28.1	30.3	32.4	34.4	36.5	38.6	40.6
-75°	15.6	17.4	19.3	21.1	22.9	24.7	26.4	28.1	29.8	31.6	33.2
-77.5°	12.1	13.7	15.1	16.5	17.8	19.3	20.7	22.0	23.4	24.8	26.1
-80°	8.8	9.9	11.2	12.4	13.4	14.4	15.4	16.3	17.3	18.4	19.4
-82.5°	6.0	6.8	7.6	8.4	9.1	9.8	10.5	11.2	11.9	12.5	13.2
-85°	3.3	3.6	4.1	4.6	5.1	5.5	5.9	6.4	6.8	7.2	7.5
-87.5°	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.9
-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: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-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°	2.9	2.9	2.9	2.8	2.7	2.9	3.1	3.3	3.5	3.4	3.3
85°	7.9	8.1	8.2	8.3	8.4	8.8	9.2	9.5	9.8	9.8	9.8
82.5°	13.9	14.3	14.7	15.1	15.4	15.8	16.2	16.6	16.8	17.1	17.3
80°	20.5	21.2	21.8	22.4	22.9	23.5	24.0	24.5	24.9	25.2	25.3
77.5°	27.4	28.5	29.4	30.4	31.2	32.1	32.8	33.5	34.1	34.2	34.2
75°	34.8	36.2	37.6	38.8	39.9	40.9	41.8	42.5	43.0	43.3	43.4
72.5°	42.6	44.3	45.9	47.3	48.5	49.5	50.4	51.2	51.8	52.2	52.4
70°	50.6	52.7	54.3	55.7	56.7	57.7	58.8	59.9	60.9	61.5	61.7
67.5°	58.7	60.9	62.3	63.5	64.5	65.5	66.9	68.2	69.3	70.1	70.6
65°	66.7	68.9	70.4	71.5	72.4	73.4	75.0	76.2	77.2	78.0	78.7
62.5°	74.5	76.8	78.4	79.8	81.1	82.1	83.4	84.5	85.3	86.1	87.0
60°	81.3	84.0	85.7	87.1	88.7	90.4	91.3	92.1	92.8	93.5	94.0
57.5°	86.8	89.2	91.4	93.1	94.8	96.4	97.5	98.3	98.9	99.3	99.5
55°	91.4	93.9	96.4	98.3	99.9	101.4	102.6	103.6	104.4	105.0	105.2
52.5°	95.6	98.4	100.9	103.0	105.1	106.8	108.2	109.5	110.7	111.7	112.1
50°	100.1	103.1	106.1	108.9	111.2	113.2	114.9	116.8	118.7	120.4	121.4
47.5°	104.9	108.3	111.9	115.4	118.1	121.1	123.8	126.6	130.3	133.4	135.7
45°	109.9	114.2	118.4	122.8	126.5	132.1	137.3	141.8	147.7	153.0	157.2
42.5°	115.8	121.2	126.3	133.4	140.8	148.4	156.6	163.6	172.8	182.2	189.8
40°	122.7	129.6	138.7	148.2	159.9	170.4	184.5	197.2	211.3	229.2	244.0
37.5°	131.1	141.7	154.4	167.6	185.9	203.3	226.7	251.4	273.8	308.2	337.2
35°	142.0	156.9	173.5	196.9	222.7	255.3	291.9	339.6	380.5	438.6	494.1
32.5°	156.1	175.2	202.3	238.4	276.5	335.8	393.8	476.7	553.5	645.5	744.8
30°	171.6	200.8	242.2	291.7	362.8	450.0	552.3	679.6	818.9	948.3	1075.8
27.5°	194.3	236.0	290.4	370.4	481.2	603.1	782.4	955.2	1135.5	1295.7	1429.4
25°	220.7	275.8	360.0	477.8	627.6	836.3	1050.9	1264.2	1458.1	1625.9	1773.6
22.5°	254.8	334.0	446.3	598.8	832.2	1082.3	1334.0	1569.2	1776.1	1962.9	2122.8
20°	292.0	391.0	551.3	778.9	1045.7	1330.6	1614.8	1865.4	2093.2	2305.0	2485.2
17.5°	339.0	477.7	680.7	953.7	1262.2	1574.4	1872.9	2144.9	2403.3	2627.4	2815.7
15°	379.1	554.1	819.1	1139.1	1472.8	1802.1	2117.4	2412.7	2681.4	2911.4	3088.4
12.5°	432.6	639.7	941.9	1298.6	1660.1	2006.7	2338.7	2644.0	2917.4	3144.9	3282.7
10°	483.1	728.3	1060.5	1432.5	1808.2	2177.4	2531.9	2845.1	3098.9	3279.8	3397.3
7.5°	526.1	804.4	1157.1	1540.8	1925.8	2311.9	2670.7	2975.4	3209.4	3360.5	3442.3
5°	558.2	861.3	1228.7	1628.8	2023.9	2416.7	2772.8	3058.8	3261.1	3373.3	3414.3
2.5°	578.6	894.7	1270.3	1686.6	2089.5	2483.1	2842.8	3124.3	3295.9	3370.3	3377.4
0°	586.8	899.1	1276.7	1716.9	2106.1	2502.0	2862.7	3151.2	3308.9	3370.1	3368.9
-2.5°	578.6	894.7	1270.3	1686.6	2089.5	2483.1	2842.8	3124.3	3295.9	3370.3	3377.4
-5°	558.2	861.3	1228.7	1628.8	2023.9	2416.7	2772.8	3058.8	3261.1	3373.3	3414.3
-7.5°	526.1	804.4	1157.1	1540.8	1925.8	2311.9	2670.7	2975.4	3209.4	3360.5	3442.3
-10°	483.1	728.3	1060.5	1432.5	1808.2	2177.4	2531.9	2845.1	3098.9	3279.8	3397.3
-12.5°	432.6	639.7	941.9	1298.6	1660.1	2006.7	2338.7	2644.0	2917.4	3144.9	3282.7
-15°	379.1	554.1	819.1	1139.1	1472.8	1802.1	2117.4	2412.7	2681.4	2911.4	3088.4
-17.5°	339.0	477.7	680.7	953.7	1262.2	1574.4	1872.9	2144.9	2403.3	2627.4	2815.7
-20°	292.0	391.0	551.3	778.9	1045.7	1330.6	1614.8	1865.4	2093.2	2305.0	2485.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	254.8	334.0	446.3	598.8	832.2	1082.3	1334.0	1569.2	1776.1	1962.9	2122.8
-25°	220.7	275.8	360.0	477.8	627.6	836.3	1050.9	1264.2	1458.1	1625.9	1773.6
-27.5°	194.3	236.0	290.4	370.4	481.2	603.1	782.4	955.2	1135.5	1295.7	1429.4
-30°	171.6	200.8	242.2	291.7	362.8	450.0	552.3	679.6	818.9	948.3	1075.8
-32.5°	156.1	175.2	202.3	238.4	276.5	335.8	393.8	476.7	553.5	645.5	744.8
-35°	142.0	156.9	173.5	196.9	222.7	255.3	291.9	339.6	380.5	438.6	494.1
-37.5°	131.1	141.7	154.4	167.6	185.9	203.3	226.7	251.4	273.8	308.2	337.2
-40°	122.7	129.6	138.7	148.2	159.9	170.4	184.5	197.2	211.3	229.2	244.0
-42.5°	115.8	121.2	126.3	133.4	140.8	148.4	156.6	163.6	172.8	182.2	189.8
-45°	109.9	114.2	118.4	122.8	126.5	132.1	137.3	141.8	147.7	153.0	157.2
-47.5°	104.9	108.3	111.9	115.4	118.1	121.1	123.8	126.6	130.3	133.4	135.7
-50°	100.1	103.1	106.1	108.9	111.2	113.2	114.9	116.8	118.7	120.4	121.4
-52.5°	95.6	98.4	100.9	103.0	105.1	106.8	108.2	109.5	110.7	111.7	112.1
-55°	91.4	93.9	96.4	98.3	99.9	101.4	102.6	103.6	104.4	105.0	105.2
-57.5°	86.8	89.2	91.4	93.1	94.8	96.4	97.5	98.3	98.9	99.3	99.5
-60°	81.3	84.0	85.7	87.1	88.7	90.4	91.3	92.1	92.8	93.5	94.0
-62.5°	74.5	76.8	78.4	79.8	81.1	82.1	83.4	84.5	85.3	86.1	87.0
-65°	66.7	68.9	70.4	71.5	72.4	73.4	75.0	76.2	77.2	78.0	78.7
-67.5°	58.7	60.9	62.3	63.5	64.5	65.5	66.9	68.2	69.3	70.1	70.6
-70°	50.6	52.7	54.3	55.7	56.7	57.7	58.8	59.9	60.9	61.5	61.7
-72.5°	42.6	44.3	45.9	47.3	48.5	49.5	50.4	51.2	51.8	52.2	52.4
-75°	34.8	36.2	37.6	38.8	39.9	40.9	41.8	42.5	43.0	43.3	43.4
-77.5°	27.4	28.5	29.4	30.4	31.2	32.1	32.8	33.5	34.1	34.2	34.2
-80°	20.5	21.2	21.8	22.4	22.9	23.5	24.0	24.5	24.9	25.2	25.3
-82.5°	13.9	14.3	14.7	15.1	15.4	15.8	16.2	16.6	16.8	17.1	17.3
-85°	7.9	8.1	8.2	8.3	8.4	8.8	9.2	9.5	9.8	9.8	9.8
-87.5°	2.9	2.9	2.9	2.8	2.7	2.9	3.1	3.3	3.5	3.4	3.3
-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: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-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°	3.1	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.4	3.5	3.3
85°	9.7	9.7	9.4	9.1	9.4	9.7	9.7	9.8	9.8	9.8	9.5
82.5°	17.4	17.5	17.3	17.0	17.3	17.5	17.4	17.3	17.1	16.8	16.6
80°	25.4	25.4	25.2	24.9	25.2	25.4	25.4	25.3	25.2	24.9	24.5
77.5°	34.0	33.8	33.9	33.9	33.9	33.8	34.0	34.2	34.2	34.1	33.5
75°	43.5	43.4	43.3	43.0	43.3	43.4	43.5	43.4	43.3	43.0	42.5
72.5°	52.5	52.5	52.4	52.1	52.4	52.5	52.5	52.4	52.2	51.8	51.2
70°	61.7	61.6	61.7	61.8	61.7	61.6	61.7	61.7	61.5	60.9	59.9
67.5°	70.9	71.2	71.1	70.9	71.1	71.2	70.9	70.6	70.1	69.3	68.2
65°	79.2	79.7	79.9	80.0	79.9	79.7	79.2	78.7	78.0	77.2	76.2
62.5°	87.6	88.1	88.1	87.9	88.1	88.1	87.6	87.0	86.1	85.3	84.5
60°	94.3	94.4	94.3	94.0	94.3	94.4	94.3	94.0	93.5	92.8	92.1
57.5°	99.5	99.3	99.1	98.8	99.1	99.3	99.5	99.5	99.3	98.9	98.3
55°	105.1	104.8	104.6	104.3	104.6	104.8	105.1	105.2	105.0	104.4	103.6
52.5°	112.2	112.0	111.8	111.5	111.8	112.0	112.2	112.1	111.7	110.7	109.5
50°	122.0	122.1	122.1	121.9	122.1	122.1	122.0	121.4	120.4	118.7	116.8
47.5°	137.2	137.9	138.5	138.8	138.5	137.9	137.2	135.7	133.4	130.3	126.6
45°	160.0	161.6	162.7	163.7	162.7	161.6	160.0	157.2	153.0	147.7	141.8
42.5°	195.2	198.8	200.5	200.1	200.5	198.8	195.2	189.8	182.2	172.8	163.6
40°	253.9	259.7	262.9	265.5	262.9	259.7	253.9	244.0	229.2	211.3	197.2
37.5°	357.0	368.3	374.3	379.5	374.3	368.3	357.0	337.2	308.2	273.8	251.4
35°	535.6	561.1	574.8	579.6	574.8	561.1	535.6	494.1	438.6	380.5	339.6
32.5°	822.1	869.2	895.3	915.4	895.3	869.2	822.1	744.8	645.5	553.5	476.7
30°	1176.7	1238.8	1273.3	1290.1	1273.3	1238.8	1176.7	1075.8	948.3	818.9	679.6
27.5°	1540.2	1610.8	1647.9	1645.9	1647.9	1610.8	1540.2	1429.4	1295.7	1135.5	955.2
25°	1900.2	1981.9	2018.9	2052.1	2018.9	1981.9	1900.2	1773.6	1625.9	1458.1	1264.2
22.5°	2264.3	2359.9	2412.0	2436.5	2412.0	2359.9	2264.3	2122.8	1962.9	1776.1	1569.2
20°	2624.1	2730.4	2785.8	2809.9	2785.8	2730.4	2624.1	2485.2	2305.0	2093.2	1865.4
17.5°	2943.2	3047.0	3099.8	3122.1	3099.8	3047.0	2943.2	2815.7	2627.4	2403.3	2144.9
15°	3197.9	3274.5	3319.4	3331.3	3319.4	3274.5	3197.9	3088.4	2911.4	2681.4	2412.7
12.5°	3374.0	3403.8	3425.3	3431.9	3425.3	3403.8	3374.0	3282.7	3144.9	2917.4	2644.0
10°	3464.1	3450.7	3445.2	3445.9	3445.2	3450.7	3464.1	3397.3	3279.8	3098.9	2845.1
7.5°	3457.9	3438.1	3398.3	3391.9	3398.3	3438.1	3457.9	3442.3	3360.5	3209.4	2975.4
5°	3408.2	3372.1	3306.0	3287.0	3306.0	3372.1	3408.2	3414.3	3373.3	3261.1	3058.8
2.5°	3350.3	3285.3	3224.4	3185.2	3224.4	3285.3	3350.3	3377.4	3370.3	3295.9	3124.3
0°	3333.1	3257.9	3179.1	3153.7	3179.1	3257.9	3333.1	3368.9	3370.1	3308.9	3151.2
-2.5°	3350.3	3285.3	3224.4	3185.2	3224.4	3285.3	3350.3	3377.4	3370.3	3295.9	3124.3
-5°	3408.2	3372.1	3306.0	3287.0	3306.0	3372.1	3408.2	3414.3	3373.3	3261.1	3058.8
-7.5°	3457.9	3438.1	3398.3	3391.9	3398.3	3438.1	3457.9	3442.3	3360.5	3209.4	2975.4
-10°	3464.1	3450.7	3445.2	3445.9	3445.2	3450.7	3464.1	3397.3	3279.8	3098.9	2845.1
-12.5°	3374.0	3403.8	3425.3	3431.9	3425.3	3403.8	3374.0	3282.7	3144.9	2917.4	2644.0
-15°	3197.9	3274.5	3319.4	3331.3	3319.4	3274.5	3197.9	3088.4	2911.4	2681.4	2412.7
-17.5°	2943.2	3047.0	3099.8	3122.1	3099.8	3047.0	2943.2	2815.7	2627.4	2403.3	2144.9
-20°	2624.1	2730.4	2785.8	2809.9	2785.8	2730.4	2624.1	2485.2	2305.0	2093.2	1865.4



REPORT NUMBER: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2264.3	2359.9	2412.0	2436.5	2412.0	2359.9	2264.3	2122.8	1962.9	1776.1	1569.2
-25°	1900.2	1981.9	2018.9	2052.1	2018.9	1981.9	1900.2	1773.6	1625.9	1458.1	1264.2
-27.5°	1540.2	1610.8	1647.9	1645.9	1647.9	1610.8	1540.2	1429.4	1295.7	1135.5	955.2
-30°	1176.7	1238.8	1273.3	1290.1	1273.3	1238.8	1176.7	1075.8	948.3	818.9	679.6
-32.5°	822.1	869.2	895.3	915.4	895.3	869.2	822.1	744.8	645.5	553.5	476.7
-35°	535.6	561.1	574.8	579.6	574.8	561.1	535.6	494.1	438.6	380.5	339.6
-37.5°	357.0	368.3	374.3	379.5	374.3	368.3	357.0	337.2	308.2	273.8	251.4
-40°	253.9	259.7	262.9	265.5	262.9	259.7	253.9	244.0	229.2	211.3	197.2
-42.5°	195.2	198.8	200.5	200.1	200.5	198.8	195.2	189.8	182.2	172.8	163.6
-45°	160.0	161.6	162.7	163.7	162.7	161.6	160.0	157.2	153.0	147.7	141.8
-47.5°	137.2	137.9	138.5	138.8	138.5	137.9	137.2	135.7	133.4	130.3	126.6
-50°	122.0	122.1	122.1	121.9	122.1	122.1	122.0	121.4	120.4	118.7	116.8
-52.5°	112.2	112.0	111.8	111.5	111.8	112.0	112.2	112.1	111.7	110.7	109.5
-55°	105.1	104.8	104.6	104.3	104.6	104.8	105.1	105.2	105.0	104.4	103.6
-57.5°	99.5	99.3	99.1	98.8	99.1	99.3	99.5	99.5	99.3	98.9	98.3
-60°	94.3	94.4	94.3	94.0	94.3	94.4	94.3	94.0	93.5	92.8	92.1
-62.5°	87.6	88.1	88.1	87.9	88.1	88.1	87.6	87.0	86.1	85.3	84.5
-65°	79.2	79.7	79.9	80.0	79.9	79.7	79.2	78.7	78.0	77.2	76.2
-67.5°	70.9	71.2	71.1	70.9	71.1	71.2	70.9	70.6	70.1	69.3	68.2
-70°	61.7	61.6	61.7	61.8	61.7	61.6	61.7	61.7	61.5	60.9	59.9
-72.5°	52.5	52.5	52.4	52.1	52.4	52.5	52.5	52.4	52.2	51.8	51.2
-75°	43.5	43.4	43.3	43.0	43.3	43.4	43.5	43.4	43.3	43.0	42.5
-77.5°	34.0	33.8	33.9	33.9	33.9	33.8	34.0	34.2	34.2	34.1	33.5
-80°	25.4	25.4	25.2	24.9	25.2	25.4	25.4	25.3	25.2	24.9	24.5
-82.5°	17.4	17.5	17.3	17.0	17.3	17.5	17.4	17.3	17.1	16.8	16.6
-85°	9.7	9.7	9.4	9.1	9.4	9.7	9.7	9.8	9.8	9.8	9.5
-87.5°	3.1	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.4	3.5	3.3
-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: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-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°	3.1	2.9	2.7	2.8	2.9	2.9	2.9	2.9	2.8	2.7	2.5
85°	9.2	8.8	8.4	8.3	8.2	8.1	7.9	7.5	7.2	6.8	6.4
82.5°	16.2	15.8	15.4	15.1	14.7	14.3	13.9	13.2	12.5	11.9	11.2
80°	24.0	23.5	22.9	22.4	21.8	21.2	20.5	19.4	18.4	17.3	16.3
77.5°	32.8	32.1	31.2	30.4	29.4	28.5	27.4	26.1	24.8	23.4	22.0
75°	41.8	40.9	39.9	38.8	37.6	36.2	34.8	33.2	31.6	29.8	28.1
72.5°	50.4	49.5	48.5	47.3	45.9	44.3	42.6	40.6	38.6	36.5	34.4
70°	58.8	57.7	56.7	55.7	54.3	52.7	50.6	48.3	45.9	43.4	41.0
67.5°	66.9	65.5	64.5	63.5	62.3	60.9	58.7	56.2	53.5	50.6	47.8
65°	75.0	73.4	72.4	71.5	70.4	68.9	66.7	64.1	61.2	58.0	54.7
62.5°	83.4	82.1	81.1	79.8	78.4	76.8	74.5	71.8	68.9	65.6	61.7
60°	91.3	90.4	88.7	87.1	85.7	84.0	81.3	78.7	76.4	72.5	68.4
57.5°	97.5	96.4	94.8	93.1	91.4	89.2	86.8	84.4	81.7	78.4	74.6
55°	102.6	101.4	99.9	98.3	96.4	93.9	91.4	88.9	86.2	83.5	79.8
52.5°	108.2	106.8	105.1	103.0	100.9	98.4	95.6	92.9	90.4	87.6	84.6
50°	114.9	113.2	111.2	108.9	106.1	103.1	100.1	96.9	94.3	91.6	88.5
47.5°	123.8	121.1	118.1	115.4	111.9	108.3	104.9	101.6	98.5	95.6	92.4
45°	137.3	132.1	126.5	122.8	118.4	114.2	109.9	106.2	102.6	99.3	96.4
42.5°	156.6	148.4	140.8	133.4	126.3	121.2	115.8	111.1	106.9	102.9	99.4
40°	184.5	170.4	159.9	148.2	138.7	129.6	122.7	116.5	111.5	106.9	102.6
37.5°	226.7	203.3	185.9	167.6	154.4	141.7	131.1	122.9	116.2	110.9	105.9
35°	291.9	255.3	222.7	196.9	173.5	156.9	142.0	130.6	122.0	114.9	109.1
32.5°	393.8	335.8	276.5	238.4	202.3	175.2	156.1	140.3	128.1	119.8	112.8
30°	552.3	450.0	362.8	291.7	242.2	200.8	171.6	152.4	136.8	124.6	116.5
27.5°	782.4	603.1	481.2	370.4	290.4	236.0	194.3	165.3	146.0	131.4	120.7
25°	1050.9	836.3	627.6	477.8	360.0	275.8	220.7	183.4	157.3	138.5	124.4
22.5°	1334.0	1082.3	832.2	598.8	446.3	334.0	254.8	201.7	168.0	146.1	129.8
20°	1614.8	1330.6	1045.7	778.9	551.3	391.0	292.0	226.0	182.9	154.5	134.9
17.5°	1872.9	1574.4	1262.2	953.7	680.7	477.7	339.0	250.6	196.0	162.1	139.3
15°	2117.4	1802.1	1472.8	1139.1	819.1	554.1	379.1	272.0	209.5	170.8	145.1
12.5°	2338.7	2006.7	1660.1	1298.6	941.9	639.7	432.6	303.5	226.2	179.9	150.6
10°	2531.9	2177.4	1808.2	1432.5	1060.5	728.3	483.1	330.4	240.6	187.4	155.1
7.5°	2670.7	2311.9	1925.8	1540.8	1157.1	804.4	526.1	351.6	251.9	193.2	158.5
5°	2772.8	2416.7	2023.9	1628.8	1228.7	861.3	558.2	366.6	260.0	197.2	160.9
2.5°	2842.8	2483.1	2089.5	1686.6	1270.3	894.7	578.6	374.7	263.8	200.3	162.3
0°	2862.7	2502.0	2106.1	1716.9	1276.7	899.1	586.8	375.9	263.7	201.9	162.5
-2.5°	2842.8	2483.1	2089.5	1686.6	1270.3	894.7	578.6	374.7	263.8	200.3	162.3
-5°	2772.8	2416.7	2023.9	1628.8	1228.7	861.3	558.2	366.6	260.0	197.2	160.9
-7.5°	2670.7	2311.9	1925.8	1540.8	1157.1	804.4	526.1	351.6	251.9	193.2	158.5
-10°	2531.9	2177.4	1808.2	1432.5	1060.5	728.3	483.1	330.4	240.6	187.4	155.1
-12.5°	2338.7	2006.7	1660.1	1298.6	941.9	639.7	432.6	303.5	226.2	179.9	150.6
-15°	2117.4	1802.1	1472.8	1139.1	819.1	554.1	379.1	272.0	209.5	170.8	145.1
-17.5°	1872.9	1574.4	1262.2	953.7	680.7	477.7	339.0	250.6	196.0	162.1	139.3
-20°	1614.8	1330.6	1045.7	778.9	551.3	391.0	292.0	226.0	182.9	154.5	134.9



Classified

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

Scaled Data Report



REPORT NUMBER: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1334.0	1082.3	832.2	598.8	446.3	334.0	254.8	201.7	168.0	146.1	129.8
-25°	1050.9	836.3	627.6	477.8	360.0	275.8	220.7	183.4	157.3	138.5	124.4
-27.5°	782.4	603.1	481.2	370.4	290.4	236.0	194.3	165.3	146.0	131.4	120.7
-30°	552.3	450.0	362.8	291.7	242.2	200.8	171.6	152.4	136.8	124.6	116.5
-32.5°	393.8	335.8	276.5	238.4	202.3	175.2	156.1	140.3	128.1	119.8	112.8
-35°	291.9	255.3	222.7	196.9	173.5	156.9	142.0	130.6	122.0	114.9	109.1
-37.5°	226.7	203.3	185.9	167.6	154.4	141.7	131.1	122.9	116.2	110.9	105.9
-40°	184.5	170.4	159.9	148.2	138.7	129.6	122.7	116.5	111.5	106.9	102.6
-42.5°	156.6	148.4	140.8	133.4	126.3	121.2	115.8	111.1	106.9	102.9	99.4
-45°	137.3	132.1	126.5	122.8	118.4	114.2	109.9	106.2	102.6	99.3	96.4
-47.5°	123.8	121.1	118.1	115.4	111.9	108.3	104.9	101.6	98.5	95.6	92.4
-50°	114.9	113.2	111.2	108.9	106.1	103.1	100.1	96.9	94.3	91.6	88.5
-52.5°	108.2	106.8	105.1	103.0	100.9	98.4	95.6	92.9	90.4	87.6	84.6
-55°	102.6	101.4	99.9	98.3	96.4	93.9	91.4	88.9	86.2	83.5	79.8
-57.5°	97.5	96.4	94.8	93.1	91.4	89.2	86.8	84.4	81.7	78.4	74.6
-60°	91.3	90.4	88.7	87.1	85.7	84.0	81.3	78.7	76.4	72.5	68.4
-62.5°	83.4	82.1	81.1	79.8	78.4	76.8	74.5	71.8	68.9	65.6	61.7
-65°	75.0	73.4	72.4	71.5	70.4	68.9	66.7	64.1	61.2	58.0	54.7
-67.5°	66.9	65.5	64.5	63.5	62.3	60.9	58.7	56.2	53.5	50.6	47.8
-70°	58.8	57.7	56.7	55.7	54.3	52.7	50.6	48.3	45.9	43.4	41.0
-72.5°	50.4	49.5	48.5	47.3	45.9	44.3	42.6	40.6	38.6	36.5	34.4
-75°	41.8	40.9	39.9	38.8	37.6	36.2	34.8	33.2	31.6	29.8	28.1
-77.5°	32.8	32.1	31.2	30.4	29.4	28.5	27.4	26.1	24.8	23.4	22.0
-80°	24.0	23.5	22.9	22.4	21.8	21.2	20.5	19.4	18.4	17.3	16.3
-82.5°	16.2	15.8	15.4	15.1	14.7	14.3	13.9	13.2	12.5	11.9	11.2
-85°	9.2	8.8	8.4	8.3	8.2	8.1	7.9	7.5	7.2	6.8	6.4
-87.5°	3.1	2.9	2.7	2.8	2.9	2.9	2.9	2.9	2.8	2.7	2.5
-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: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-U-MWR-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°	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.3	1.1	0.9
85°	5.9	5.5	5.1	4.6	4.1	3.6	3.3	3.0	2.6	2.3	1.9
82.5°	10.5	9.8	9.1	8.4	7.6	6.8	6.0	5.2	4.3	3.4	2.8
80°	15.4	14.4	13.4	12.4	11.2	9.9	8.8	7.8	6.7	5.6	4.4
77.5°	20.7	19.3	17.8	16.5	15.1	13.7	12.1	10.5	9.1	7.8	6.4
75°	26.4	24.7	22.9	21.1	19.3	17.4	15.6	13.7	11.9	9.9	8.3
72.5°	32.4	30.3	28.1	25.9	23.7	21.5	19.2	17.0	14.8	12.6	10.3
70°	38.5	36.0	33.4	30.9	28.3	25.6	23.0	20.3	17.7	15.1	12.6
67.5°	44.8	42.0	39.0	36.0	33.1	30.0	26.8	23.7	20.6	17.7	14.8
65°	51.4	48.0	44.5	41.2	37.8	34.5	31.0	27.1	23.6	20.2	17.0
62.5°	58.0	54.2	50.3	46.3	42.5	38.8	35.0	30.7	26.5	22.7	19.1
60°	64.3	60.1	55.9	51.5	47.1	43.0	38.8	34.3	29.7	25.2	21.2
57.5°	70.1	65.7	61.0	56.3	51.7	47.1	42.4	37.6	32.7	27.8	23.3
55°	75.5	70.7	65.8	60.7	55.9	51.0	46.0	40.8	35.7	30.4	25.3
52.5°	80.6	75.6	70.4	65.0	59.7	54.7	49.4	44.0	38.5	33.0	27.5
50°	85.1	80.4	74.8	69.2	63.4	58.1	52.7	47.0	41.2	35.4	29.6
47.5°	88.8	84.5	79.1	73.2	67.1	61.4	55.8	49.9	43.8	37.7	31.7
45°	92.4	88.3	83.1	77.0	70.8	64.8	58.8	52.7	46.3	39.9	33.6
42.5°	95.9	91.7	86.9	80.7	74.3	68.0	61.7	55.4	48.7	42.0	35.5
40°	98.8	94.7	90.4	84.3	77.6	71.0	64.5	57.9	51.0	44.1	37.2
37.5°	101.6	97.5	93.1	87.7	80.7	73.9	67.1	60.4	53.3	46.1	38.9
35°	104.4	100.1	95.4	90.3	83.6	76.5	69.5	62.7	55.4	47.9	40.4
32.5°	106.8	102.4	97.6	92.4	86.3	79.0	71.8	64.7	57.3	49.7	41.9
30°	109.8	104.4	99.5	94.5	88.6	81.3	73.9	66.6	59.1	51.4	43.2
27.5°	112.6	106.3	101.2	96.2	90.4	83.3	75.8	68.3	60.7	52.9	44.6
25°	115.3	108.5	102.9	97.7	92.1	85.3	77.6	69.9	62.2	54.3	45.8
22.5°	118.5	110.5	104.4	98.9	93.7	87.0	79.2	71.4	63.5	55.5	47.0
20°	121.2	112.1	105.8	100.1	95.0	88.4	80.6	72.6	64.6	56.5	48.0
17.5°	123.9	114.0	107.2	101.2	95.9	89.5	81.9	73.8	65.6	57.4	48.9
15°	127.7	116.1	108.4	102.2	96.7	90.5	83.0	74.7	66.5	58.2	49.7
12.5°	130.9	117.9	109.3	103.0	97.3	91.4	83.9	75.5	67.2	58.9	50.4
10°	133.5	119.3	110.1	103.7	97.8	92.0	84.6	76.2	67.9	59.5	51.0
7.5°	135.5	120.3	110.6	104.1	98.1	92.5	85.2	76.8	68.4	60.0	51.5
5°	136.8	121.0	111.0	104.3	98.3	92.8	85.7	77.3	68.8	60.3	51.8
2.5°	137.5	121.3	111.4	104.4	98.3	92.9	86.0	77.5	69.0	60.5	52.0
0°	137.6	121.2	111.5	104.3	98.2	92.8	86.1	77.6	69.1	60.6	52.1
-2.5°	137.5	121.3	111.4	104.4	98.3	92.9	86.0	77.5	69.0	60.5	52.0
-5°	136.8	121.0	111.0	104.3	98.3	92.8	85.7	77.3	68.8	60.3	51.8
-7.5°	135.5	120.3	110.6	104.1	98.1	92.5	85.2	76.8	68.4	60.0	51.5
-10°	133.5	119.3	110.1	103.7	97.8	92.0	84.6	76.2	67.9	59.5	51.0
-12.5°	130.9	117.9	109.3	103.0	97.3	91.4	83.9	75.5	67.2	58.9	50.4
-15°	127.7	116.1	108.4	102.2	96.7	90.5	83.0	74.7	66.5	58.2	49.7
-17.5°	123.9	114.0	107.2	101.2	95.9	89.5	81.9	73.8	65.6	57.4	48.9
-20°	121.2	112.1	105.8	100.1	95.0	88.4	80.6	72.6	64.6	56.5	48.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	118.5	110.5	104.4	98.9	93.7	87.0	79.2	71.4	63.5	55.5	47.0
-25°	115.3	108.5	102.9	97.7	92.1	85.3	77.6	69.9	62.2	54.3	45.8
-27.5°	112.6	106.3	101.2	96.2	90.4	83.3	75.8	68.3	60.7	52.9	44.6
-30°	109.8	104.4	99.5	94.5	88.6	81.3	73.9	66.6	59.1	51.4	43.2
-32.5°	106.8	102.4	97.6	92.4	86.3	79.0	71.8	64.7	57.3	49.7	41.9
-35°	104.4	100.1	95.4	90.3	83.6	76.5	69.5	62.7	55.4	47.9	40.4
-37.5°	101.6	97.5	93.1	87.7	80.7	73.9	67.1	60.4	53.3	46.1	38.9
-40°	98.8	94.7	90.4	84.3	77.6	71.0	64.5	57.9	51.0	44.1	37.2
-42.5°	95.9	91.7	86.9	80.7	74.3	68.0	61.7	55.4	48.7	42.0	35.5
-45°	92.4	88.3	83.1	77.0	70.8	64.8	58.8	52.7	46.3	39.9	33.6
-47.5°	88.8	84.5	79.1	73.2	67.1	61.4	55.8	49.9	43.8	37.7	31.7
-50°	85.1	80.4	74.8	69.2	63.4	58.1	52.7	47.0	41.2	35.4	29.6
-52.5°	80.6	75.6	70.4	65.0	59.7	54.7	49.4	44.0	38.5	33.0	27.5
-55°	75.5	70.7	65.8	60.7	55.9	51.0	46.0	40.8	35.7	30.4	25.3
-57.5°	70.1	65.7	61.0	56.3	51.7	47.1	42.4	37.6	32.7	27.8	23.3
-60°	64.3	60.1	55.9	51.5	47.1	43.0	38.8	34.3	29.7	25.2	21.2
-62.5°	58.0	54.2	50.3	46.3	42.5	38.8	35.0	30.7	26.5	22.7	19.1
-65°	51.4	48.0	44.5	41.2	37.8	34.5	31.0	27.1	23.6	20.2	17.0
-67.5°	44.8	42.0	39.0	36.0	33.1	30.0	26.8	23.7	20.6	17.7	14.8
-70°	38.5	36.0	33.4	30.9	28.3	25.6	23.0	20.3	17.7	15.1	12.6
-72.5°	32.4	30.3	28.1	25.9	23.7	21.5	19.2	17.0	14.8	12.6	10.3
-75°	26.4	24.7	22.9	21.1	19.3	17.4	15.6	13.7	11.9	9.9	8.3
-77.5°	20.7	19.3	17.8	16.5	15.1	13.7	12.1	10.5	9.1	7.8	6.4
-80°	15.4	14.4	13.4	12.4	11.2	9.9	8.8	7.8	6.7	5.6	4.4
-82.5°	10.5	9.8	9.1	8.4	7.6	6.8	6.0	5.2	4.3	3.4	2.8
-85°	5.9	5.5	5.1	4.6	4.1	3.6	3.3	3.0	2.6	2.3	1.9
-87.5°	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.3	1.1	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

Classified

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

Scaled Data Report



REPORT NUMBER: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-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°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
80°	3.2	2.6	2.1	1.6	1.0	0.5	0.0
77.5°	4.9	3.5	2.6	1.9	1.3	0.6	0.0
75°	6.6	4.9	3.2	2.3	1.6	0.8	0.0
72.5°	8.3	6.3	4.3	2.7	1.8	0.9	0.0
70°	9.9	7.7	5.4	3.2	2.0	1.0	0.0
67.5°	11.8	9.0	6.5	4.0	2.3	1.1	0.0
65°	13.7	10.5	7.6	4.8	2.5	1.3	0.0
62.5°	15.5	12.0	8.6	5.6	2.8	1.4	0.0
60°	17.3	13.4	9.6	6.3	3.0	1.5	0.0
57.5°	19.1	14.8	10.8	7.1	3.5	1.6	0.0
55°	20.8	16.2	11.8	7.8	4.0	1.7	0.0
52.5°	22.5	17.5	12.9	8.5	4.4	1.8	0.0
50°	24.1	18.9	13.9	9.2	4.9	1.9	0.0
47.5°	25.7	20.3	14.9	9.9	5.3	2.0	0.0
45°	27.4	21.5	15.8	10.6	5.7	2.1	0.0
42.5°	29.0	22.8	16.7	11.2	6.1	2.2	0.0
40°	30.5	24.0	17.6	11.8	6.4	2.3	0.0
37.5°	31.9	25.1	18.5	12.4	6.8	2.4	0.0
35°	33.3	26.2	19.3	12.9	7.1	2.5	0.0
32.5°	34.5	27.3	20.1	13.4	7.4	2.5	0.0
30°	35.6	28.2	20.9	13.9	7.7	2.6	0.0
27.5°	36.7	29.1	21.6	14.3	7.9	2.7	0.0
25°	37.7	29.9	22.2	14.7	8.2	2.7	0.0
22.5°	38.5	30.6	22.8	15.1	8.4	2.8	0.0
20°	39.3	31.3	23.2	15.4	8.5	2.8	0.0
17.5°	40.0	31.8	23.7	15.7	8.7	2.9	0.0
15°	40.6	32.2	24.0	15.9	8.8	2.9	0.0
12.5°	41.1	32.6	24.3	16.1	8.9	2.9	0.0
10°	41.6	32.9	24.6	16.2	9.0	3.0	0.0
7.5°	41.9	33.1	24.8	16.3	9.1	3.0	0.0
5°	42.2	33.3	24.9	16.4	9.1	3.0	0.0
2.5°	42.3	33.3	24.9	16.4	9.1	3.0	0.0
0°	42.4	33.3	24.9	16.4	9.1	3.0	0.0
-2.5°	42.3	33.3	24.9	16.4	9.1	3.0	0.0
-5°	42.2	33.3	24.9	16.4	9.1	3.0	0.0
-7.5°	41.9	33.1	24.8	16.3	9.1	3.0	0.0
-10°	41.6	32.9	24.6	16.2	9.0	3.0	0.0
-12.5°	41.1	32.6	24.3	16.1	8.9	2.9	0.0
-15°	40.6	32.2	24.0	15.9	8.8	2.9	0.0
-17.5°	40.0	31.8	23.7	15.7	8.7	2.9	0.0
-20°	39.3	31.3	23.2	15.4	8.5	2.8	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	38.5	30.6	22.8	15.1	8.4	2.8	0.0
-25°	37.7	29.9	22.2	14.7	8.2	2.7	0.0
-27.5°	36.7	29.1	21.6	14.3	7.9	2.7	0.0
-30°	35.6	28.2	20.9	13.9	7.7	2.6	0.0
-32.5°	34.5	27.3	20.1	13.4	7.4	2.5	0.0
-35°	33.3	26.2	19.3	12.9	7.1	2.5	0.0
-37.5°	31.9	25.1	18.5	12.4	6.8	2.4	0.0
-40°	30.5	24.0	17.6	11.8	6.4	2.3	0.0
-42.5°	29.0	22.8	16.7	11.2	6.1	2.2	0.0
-45°	27.4	21.5	15.8	10.6	5.7	2.1	0.0
-47.5°	25.7	20.3	14.9	9.9	5.3	2.0	0.0
-50°	24.1	18.9	13.9	9.2	4.9	1.9	0.0
-52.5°	22.5	17.5	12.9	8.5	4.4	1.8	0.0
-55°	20.8	16.2	11.8	7.8	4.0	1.7	0.0
-57.5°	19.1	14.8	10.8	7.1	3.5	1.6	0.0
-60°	17.3	13.4	9.6	6.3	3.0	1.5	0.0
-62.5°	15.5	12.0	8.6	5.6	2.8	1.4	0.0
-65°	13.7	10.5	7.6	4.8	2.5	1.3	0.0
-67.5°	11.8	9.0	6.5	4.0	2.3	1.1	0.0
-70°	9.9	7.7	5.4	3.2	2.0	1.0	0.0
-72.5°	8.3	6.3	4.3	2.7	1.8	0.9	0.0
-75°	6.6	4.9	3.2	2.3	1.6	0.8	0.0
-77.5°	4.9	3.5	2.6	1.9	1.3	0.6	0.0
-80°	3.2	2.6	2.1	1.6	1.0	0.5	0.0
-82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)