

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: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-750-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P627118 (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-SA3B-750-U-NR-VSR-XX  
 Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
 Light Source: (48) 5000K CCT, 70 CRI LEDS  
 Ballast/Driver: -

**Summary**

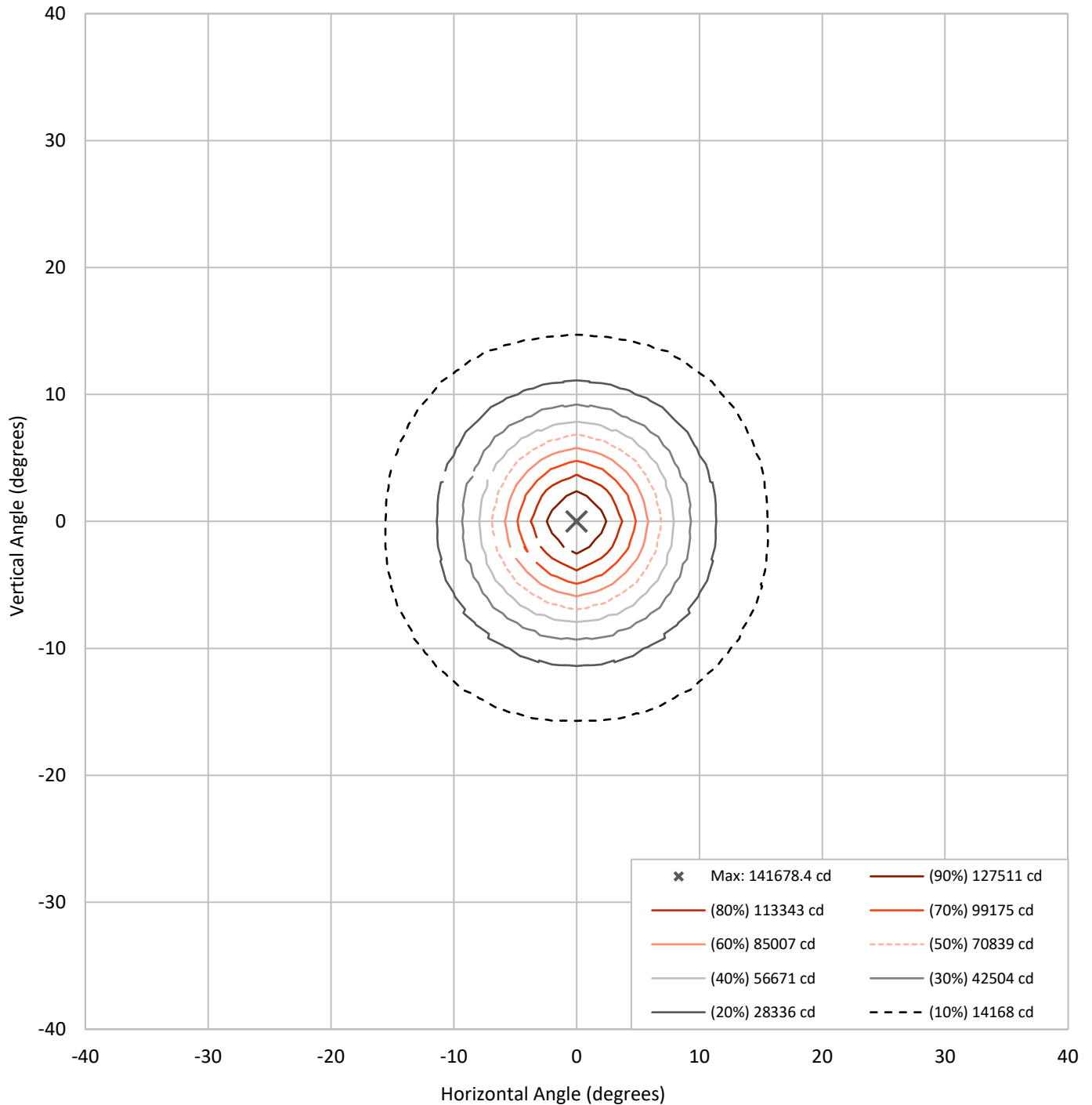
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	13976.9 lumens	Max Intensity:	141678.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	149.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	4462 lumens	Field Lumens:	9938.4 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%

Input Watts (W): 93.7  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): 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: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3B-750-U-NR-VSR-XX

### Iso-Candela Plot





REPORT NUMBER: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-750-U-NR-VSR-XX

### Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.3	0.8	1.2	1.7	2.0	2.0	1.7	1.2	0.8	0.3	0.1		0.0			
40	0.1	0.1	0.4	1.2	2.3	3.4	4.7	5.6	5.6	4.7	3.4	2.3	1.2	0.4	0.1				
30		0.2	1.0	2.4	4.2	6.7	11.4	14.5	14.5	11.4	6.7	4.2	2.4	1.0	0.2				
20	0.1	0.4	1.6	3.6	6.5	14.2	38.0	62.9	62.9	38.0	14.2	6.5	3.6	1.6	0.4				
10		0.6	2.1	5.0	10.8	42.5	179.2	393.8	393.8	179.2	42.5	10.8	5.0	2.1	0.6				
0	0.2	0.8	2.6	5.8	14.7	79.8	429.3	1925.4	1925.4	429.3	79.8	14.7	5.8	2.6	0.8				
-10		0.9	2.8	6.2	15.8	85.0	444.4	1958.1	1958.1	444.4	85.0	15.8	6.2	2.8	0.9				
-20	0.3	0.9	2.9	6.1	13.8	54.1	215.7	461.4	461.4	215.7	54.1	13.8	6.1	2.9	0.9				
-30		0.9	2.8	5.6	10.7	25.3	66.5	110.8	110.8	66.5	25.3	10.7	5.6	2.8	0.9				
-40	0.2	0.8	2.5	4.9	8.4	13.9	22.6	28.7	28.7	22.6	13.9	8.4	4.9	2.5	0.8				
-50		0.6	2.0	4.1	6.8	9.7	13.0	14.5	14.5	13.0	9.7	6.8	4.1	2.0	0.6				
-60	0.2	0.5	1.5	3.2	5.3	7.5	9.4	10.3	10.3	9.4	7.5	5.3	3.2	1.5	0.5				
-70		0.3	0.9	2.1	3.6	5.2	6.6	7.2	7.2	6.6	5.2	3.6	2.1	0.9	0.3				
-80	0.1	0.8	3.5	7.7	9.8	7.7	3.5	0.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

Classified

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

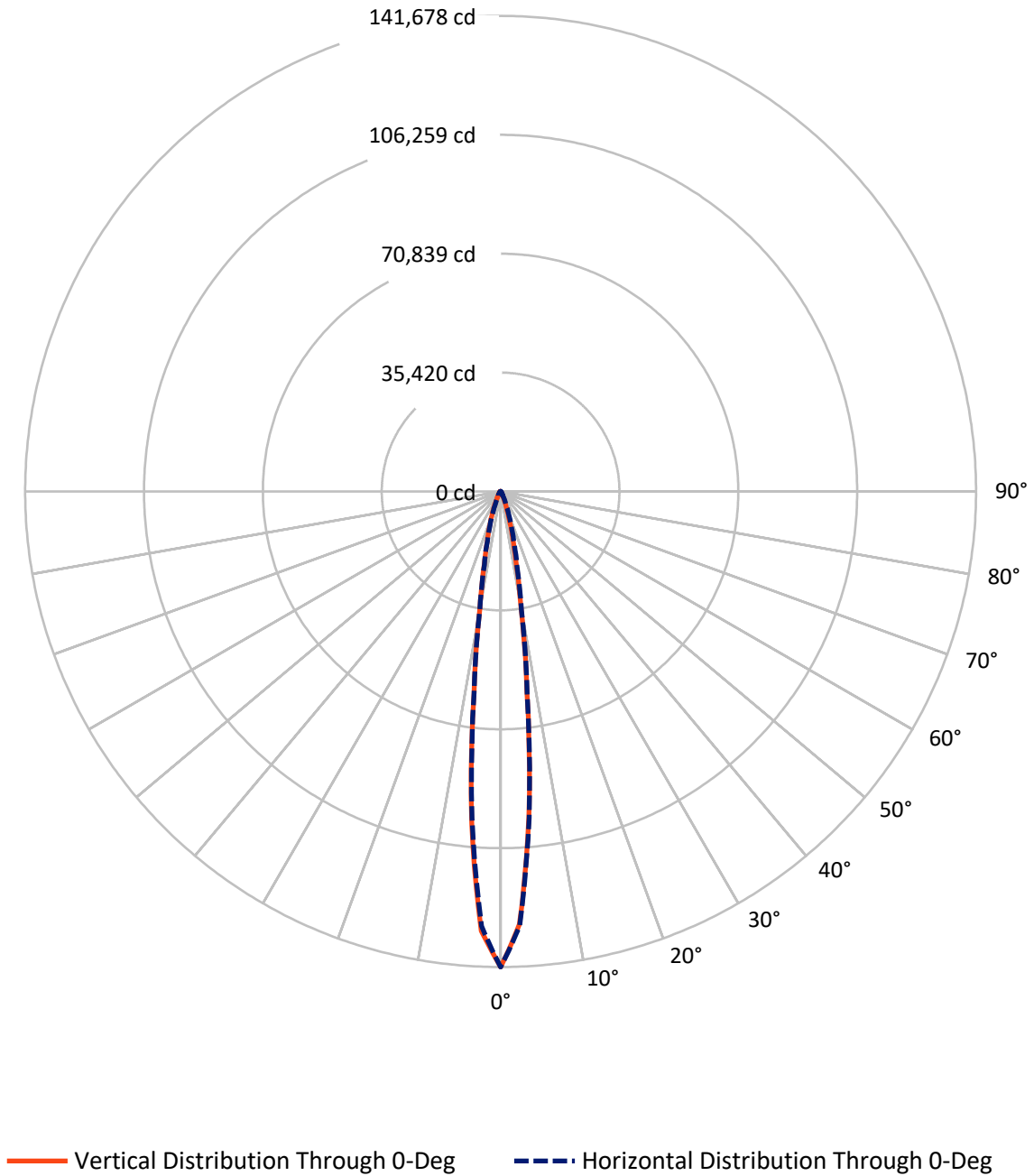
Scaled Data Report



REPORT NUMBER: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)

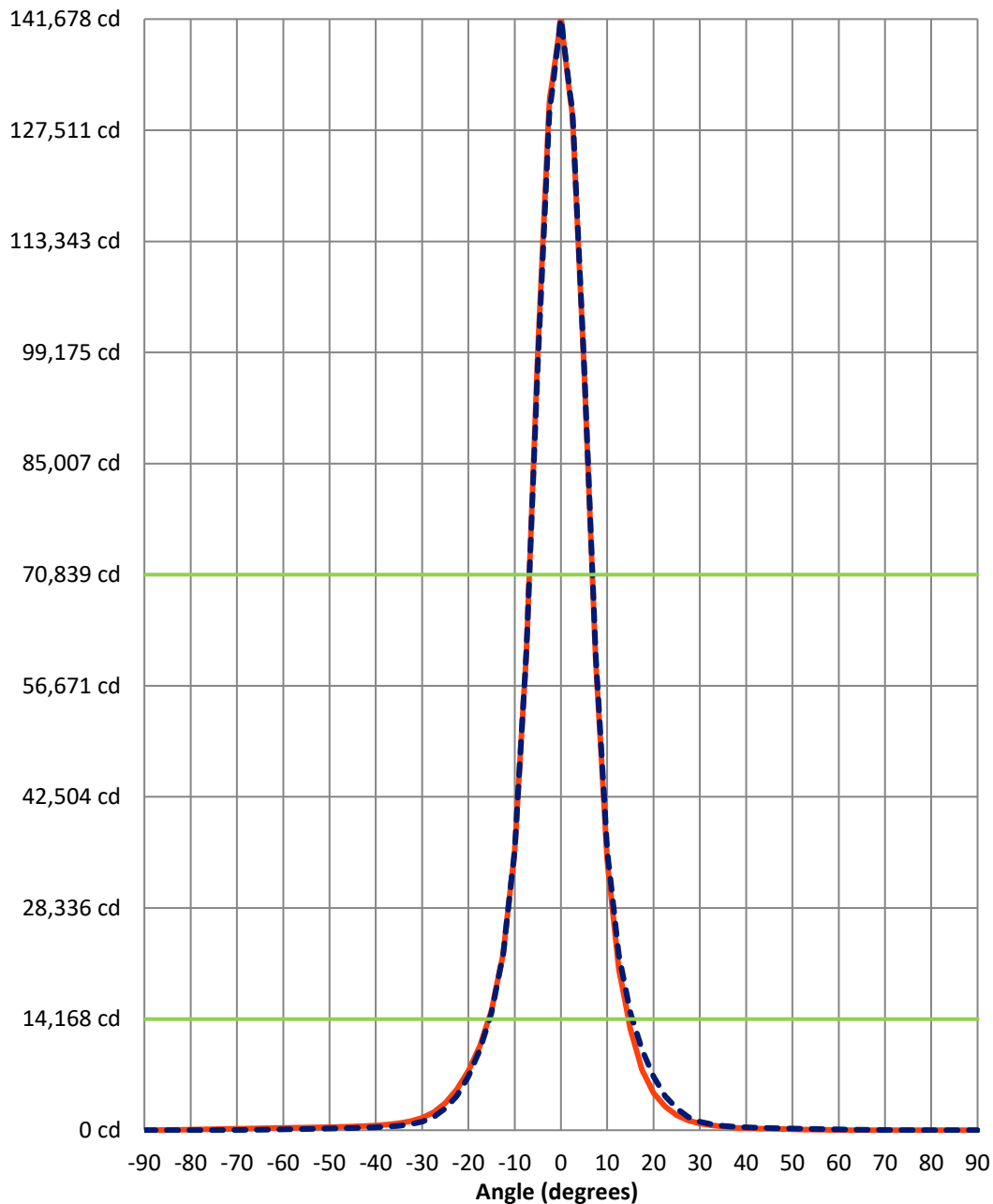
CATALOG NUMBER: GFLD-SA3B-750-U-NR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-750-U-NR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 4462  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 9938.4  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 4038.4  
 Efficiency: 28.9%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-NR-VSR-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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.4	0.1	0.0	0.0	0.2	0.1	0.0	0.1	0.3	0.1
72.5°	0.0	0.5	0.1	0.0	0.3	0.5	0.2	0.2	0.6	0.7	0.3
70°	0.0	0.5	0.1	0.1	0.6	0.7	0.3	0.9	1.3	1.1	0.4
67.5°	0.0	0.6	0.2	0.4	0.9	0.9	1.1	1.7	1.9	1.2	0.5
65°	0.0	0.7	0.2	0.7	1.2	1.3	1.7	2.5	2.0	1.3	0.9
62.5°	0.0	0.8	0.3	1.0	1.5	1.7	2.4	2.8	2.1	1.6	1.9
60°	0.0	0.9	0.4	1.3	1.9	2.1	2.9	2.9	2.3	2.2	2.7
57.5°	0.0	0.9	0.7	1.6	2.1	2.4	3.0	3.0	2.5	2.7	3.0
55°	0.0	1.0	0.9	1.9	2.3	2.8	3.0	3.0	2.8	3.0	3.0
52.5°	0.0	1.1	1.1	2.2	2.5	3.0	3.0	3.0	2.9	3.0	3.0
50°	0.0	1.2	1.4	2.6	2.6	3.0	3.0	3.0	3.0	3.0	3.5
47.5°	0.0	1.3	1.6	2.8	2.8	3.0	3.0	3.0	3.0	3.0	4.1
45°	0.0	1.4	1.8	2.9	2.9	3.0	3.0	3.0	3.1	3.7	4.9
42.5°	0.0	1.5	1.9	3.0	3.0	3.0	3.0	3.1	3.3	4.6	6.6
40°	0.0	1.6	2.1	3.0	3.0	3.0	3.0	3.3	3.8	5.5	8.5
37.5°	0.0	1.7	2.2	3.0	3.0	3.0	3.0	3.6	4.9	6.9	10.5
35°	0.0	1.8	2.4	3.0	3.0	3.0	3.0	4.0	6.0	8.8	12.9
32.5°	0.0	1.8	2.5	3.0	3.0	3.0	3.1	4.4	7.1	10.7	16.0
30°	0.0	1.9	2.6	3.0	3.0	3.0	3.4	5.0	8.3	12.4	19.4
27.5°	0.0	2.0	2.7	3.0	3.0	3.0	3.7	6.0	9.7	14.1	23.0
25°	0.0	2.1	2.8	3.0	3.0	3.0	4.1	6.9	11.1	16.6	26.9
22.5°	0.0	2.2	2.8	3.0	3.0	3.1	4.5	7.9	12.5	19.7	31.5
20°	0.0	2.3	2.9	3.0	3.0	3.3	4.8	8.9	13.7	22.7	35.7
17.5°	0.0	2.4	2.9	3.0	3.0	3.5	5.4	9.8	14.9	25.8	39.6
15°	0.0	2.5	2.9	3.0	3.0	3.9	6.0	10.7	16.1	28.8	43.1
12.5°	0.0	2.6	3.0	3.0	3.0	4.2	6.6	11.6	17.6	31.8	46.2
10°	0.0	2.7	3.0	3.0	3.0	4.5	7.1	12.5	19.5	34.5	49.0
7.5°	0.0	2.8	3.0	3.0	3.0	4.9	7.6	13.2	21.5	36.9	51.5
5°	0.0	2.9	3.0	3.0	3.0	5.3	8.1	13.9	23.4	38.9	53.6
2.5°	0.0	2.9	3.0	3.0	3.0	5.7	8.6	14.5	25.3	40.6	55.4
0°	0.0	3.0	3.0	3.0	3.0	6.0	9.0	15.0	27.0	42.0	57.0
-2.5°	0.0	3.0	3.0	3.0	3.3	6.3	9.8	15.9	28.5	43.1	58.9
-5°	0.0	3.0	3.0	3.0	3.5	6.6	10.5	16.7	29.9	44.0	60.5
-7.5°	0.0	3.0	3.0	3.0	3.8	6.9	11.2	17.5	30.9	44.6	61.7
-10°	0.0	3.0	3.0	3.0	4.0	7.1	11.8	18.1	31.7	45.1	62.5
-12.5°	0.0	2.9	3.0	3.0	4.2	7.3	12.3	18.7	32.2	45.6	63.6
-15°	0.0	2.9	3.0	3.0	4.4	7.5	12.6	19.1	32.3	46.5	64.7
-17.5°	0.0	2.9	3.0	3.0	4.5	7.6	12.9	19.6	32.1	47.0	65.2
-20°	0.0	2.8	3.0	3.0	4.6	7.7	13.1	20.0	31.6	46.9	65.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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	2.8	3.0	3.0	4.6	7.8	13.2	20.2	30.9	46.4	64.3
-25°	0.0	2.7	3.0	3.0	4.6	7.9	13.3	20.3	30.0	45.3	62.9
-27.5°	0.0	2.7	3.0	3.0	4.5	8.2	13.3	20.3	28.8	43.8	61.6
-30°	0.0	2.6	3.0	3.0	4.4	8.3	13.2	20.0	28.1	42.2	59.5
-32.5°	0.0	2.5	3.0	3.0	4.4	8.3	13.1	19.8	27.8	40.3	56.7
-35°	0.0	2.5	3.0	3.0	4.3	8.3	13.1	19.5	27.2	38.2	53.1
-37.5°	0.0	2.4	3.0	3.0	4.2	8.2	13.0	19.2	26.4	35.8	51.0
-40°	0.0	2.3	3.0	3.0	4.1	8.1	12.8	18.7	25.4	34.2	49.2
-42.5°	0.0	2.2	3.0	3.0	4.0	7.8	12.6	18.2	24.6	33.5	46.8
-45°	0.0	2.1	3.0	3.1	4.2	7.5	12.2	17.6	23.9	32.5	44.3
-47.5°	0.0	2.0	3.0	3.2	4.2	7.1	11.7	17.0	23.1	31.1	42.6
-50°	0.0	1.9	3.0	3.2	4.3	6.7	11.1	16.3	22.2	29.9	40.4
-52.5°	0.0	1.8	3.0	3.2	4.3	6.1	10.4	15.4	21.1	28.3	37.7
-55°	0.0	1.7	3.0	3.2	4.2	5.9	9.6	14.4	19.8	26.2	35.0
-57.5°	0.0	1.6	3.0	3.2	4.2	5.8	8.7	13.2	18.4	24.3	31.7
-60°	0.0	1.5	3.0	3.2	4.1	5.6	7.8	12.0	16.8	22.3	28.4
-62.5°	0.0	1.4	2.8	3.2	4.0	5.4	7.4	10.6	15.1	20.2	25.9
-65°	0.0	1.3	2.5	3.1	3.8	5.1	6.9	9.3	13.2	17.9	23.1
-67.5°	0.0	1.1	2.3	3.1	3.7	4.8	6.4	8.5	11.2	15.4	20.1
-70°	0.0	1.0	2.0	3.0	3.5	4.4	5.8	7.7	10.0	12.8	17.0
-72.5°	0.0	0.9	1.8	2.7	3.3	4.0	5.2	6.8	8.8	11.2	13.9
-75°	0.0	0.8	1.6	2.3	3.0	3.6	4.5	5.9	7.4	9.4	11.7
-77.5°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	5.1	6.5	7.8	9.4
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	4.3	5.5	6.7	7.9
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	3.3	4.5	5.6	6.7
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.2	3.1	4.0	5.0
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.5	2.0	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: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.9	1.0	0.6	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.5	1.9	1.5	0.8	0.1	0.7	1.0	0.8	0.1	0.0	0.0
62.5°	2.8	2.4	1.7	1.2	1.7	2.3	1.8	1.0	0.3	1.4	2.1
60°	3.0	2.5	2.1	2.4	3.0	2.7	2.0	2.9	4.4	5.5	6.7
57.5°	3.0	2.8	2.7	3.2	3.4	3.4	5.3	7.0	10.0	12.4	14.0
55°	3.1	3.0	3.4	4.1	5.1	7.2	9.8	13.8	17.0	22.0	26.2
52.5°	3.4	3.4	4.6	6.1	9.1	12.4	17.0	22.7	29.1	33.9	39.0
50°	3.9	5.0	6.4	10.3	14.3	19.5	27.1	35.4	40.8	46.3	53.6
47.5°	5.3	6.8	10.6	15.1	20.9	29.2	39.7	45.6	51.0	59.5	68.6
45°	7.2	10.2	14.8	21.0	29.1	40.7	49.0	53.8	63.1	73.0	83.3
42.5°	9.2	14.1	20.4	27.0	39.6	50.6	58.1	65.8	75.2	86.7	98.0
40°	12.5	17.9	26.5	36.8	49.6	60.4	69.8	78.7	87.8	102.9	114.9
37.5°	15.8	23.7	33.4	46.2	59.5	71.3	81.8	93.0	106.1	123.1	133.8
35°	19.0	29.8	41.6	55.2	69.4	82.7	95.3	108.3	125.3	141.4	154.2
32.5°	23.6	35.9	49.2	64.0	78.6	93.6	109.0	124.5	141.2	157.6	174.5
30°	29.3	42.5	56.5	72.3	87.0	104.4	122.1	138.6	155.4	172.8	191.8
27.5°	35.0	48.7	63.8	79.8	95.2	115.0	134.1	151.3	168.6	187.3	209.0
25°	40.3	54.9	70.7	86.4	104.5	125.8	146.7	166.6	181.2	202.5	227.9
22.5°	45.4	60.9	77.9	92.4	113.5	136.6	161.0	182.4	199.8	218.7	247.5
20°	50.5	67.1	84.7	100.9	122.6	147.4	176.3	198.4	219.9	244.4	273.8
17.5°	55.3	73.0	91.4	110.6	133.4	159.2	192.1	214.6	240.2	269.5	306.6
15°	59.8	78.3	98.1	119.7	143.3	171.0	202.7	230.8	261.5	295.3	339.1
12.5°	64.1	83.3	104.7	128.1	151.9	181.2	211.6	241.5	276.9	321.1	376.2
10°	68.0	87.7	111.1	135.7	159.4	189.8	219.5	250.6	287.9	336.5	399.5
7.5°	71.2	92.2	117.2	142.7	165.9	196.9	226.3	258.1	297.2	349.2	415.2
5°	73.9	96.9	122.9	147.2	171.4	203.0	232.0	264.1	304.5	359.2	426.4
2.5°	76.2	101.2	127.8	150.4	176.0	208.5	236.6	270.7	312.0	366.9	437.0
0°	78.0	105.0	132.0	152.9	179.9	212.9	239.9	275.9	317.9	371.9	446.8
-2.5°	81.6	108.1	134.5	155.7	184.0	213.6	242.1	276.6	320.1	375.8	448.6
-5°	84.7	110.6	136.3	157.9	187.1	213.5	243.0	276.0	320.9	378.0	451.9
-7.5°	87.0	112.6	137.5	159.6	188.8	214.5	244.4	278.2	323.2	380.0	456.2
-10°	88.6	114.0	138.5	161.7	189.2	215.5	244.9	278.6	322.8	378.7	453.8
-12.5°	89.4	114.8	138.9	162.9	189.1	215.4	244.2	277.3	319.5	374.0	444.5
-15°	89.6	115.1	138.9	163.0	188.6	214.2	242.2	274.2	313.6	366.0	430.0
-17.5°	89.3	114.9	138.3	162.0	188.0	211.7	239.3	269.9	307.6	356.5	418.2
-20°	88.6	114.3	137.3	159.9	187.0	209.4	236.3	265.9	301.3	345.7	400.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	87.3	113.2	135.8	157.7	183.6	207.3	232.4	260.6	292.3	332.5	381.5
-25°	85.9	111.1	133.9	156.0	179.9	204.0	227.5	254.3	283.5	322.0	366.1
-27.5°	84.0	108.5	131.3	153.7	175.8	199.7	222.6	247.9	276.8	310.8	350.2
-30°	81.2	104.9	127.7	150.5	172.3	194.7	216.8	241.0	268.2	300.3	336.7
-32.5°	77.7	100.8	123.1	145.7	168.4	189.7	210.5	233.8	259.3	287.4	322.1
-35°	74.1	96.4	118.2	139.6	163.6	184.2	204.2	225.5	249.3	275.4	303.7
-37.5°	70.8	91.7	112.9	133.2	155.9	177.3	196.8	217.1	239.0	263.0	288.6
-40°	67.2	86.7	107.4	127.2	147.0	168.9	188.4	207.9	228.2	252.2	275.1
-42.5°	63.5	82.4	101.6	121.0	139.9	159.5	178.9	197.7	219.0	241.8	264.2
-45°	60.4	77.9	95.7	114.6	133.3	150.9	169.2	186.7	208.4	231.2	253.1
-47.5°	56.7	73.4	90.6	107.7	126.1	143.7	160.1	177.8	196.3	217.8	240.7
-50°	53.0	68.7	84.6	100.8	118.2	135.8	152.4	168.8	186.2	203.9	223.7
-52.5°	49.8	63.5	78.3	93.1	109.6	126.8	143.6	159.9	176.0	192.6	209.5
-55°	46.0	58.6	71.6	85.5	99.9	116.5	133.1	149.0	165.4	180.9	197.4
-57.5°	41.8	53.1	64.9	77.9	91.1	104.6	120.8	136.7	152.0	167.7	184.8
-60°	37.0	47.1	57.9	69.8	82.7	95.1	108.2	122.9	137.7	152.5	168.3
-62.5°	32.1	40.8	50.6	61.0	72.8	85.0	96.9	109.5	122.9	135.8	149.4
-65°	28.8	35.0	43.1	52.4	62.1	73.0	84.3	95.9	107.7	118.6	129.1
-67.5°	25.3	30.9	36.9	43.7	52.5	61.7	70.8	81.1	91.7	101.8	111.6
-70°	21.6	26.5	31.9	37.6	43.8	51.3	59.8	68.1	76.2	84.7	93.8
-72.5°	17.7	22.0	26.6	31.5	36.9	42.8	49.3	56.4	63.6	70.6	77.8
-75°	14.5	17.3	21.1	25.3	29.9	34.6	39.3	44.9	51.0	57.2	63.2
-77.5°	11.9	14.6	17.2	19.7	23.0	27.3	31.5	35.6	39.9	44.5	49.5
-80°	9.7	11.7	14.1	16.5	18.7	21.3	24.2	27.5	30.5	33.6	37.0
-82.5°	8.1	9.6	11.3	13.2	14.5	15.9	17.4	19.3	21.3	23.4	25.5
-85°	6.2	7.5	8.6	9.8	10.5	11.1	11.9	12.7	14.0	15.2	16.5
-87.5°	3.1	3.7	4.4	5.2	5.5	5.8	6.1	6.4	7.2	8.0	8.9
-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: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-750-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°	0.2	0.0	0.0	0.0	0.0	0.6	0.7	0.6	0.3	0.0	0.0
62.5°	1.8	1.5	2.3	3.1	3.4	3.3	3.1	2.7	2.3	2.2	2.5
60°	7.2	7.1	9.8	11.2	10.2	7.2	11.3	13.3	12.8	11.0	10.9
57.5°	17.6	21.4	24.1	25.3	29.3	35.7	37.0	34.8	34.1	34.8	40.2
55°	30.5	33.6	35.2	40.6	45.4	48.9	51.0	53.1	56.1	59.9	63.8
52.5°	43.2	47.3	50.6	55.4	61.2	63.2	62.7	70.1	75.9	79.6	81.1
50°	59.3	64.5	72.0	79.6	82.9	86.1	89.6	95.6	104.5	115.5	121.9
47.5°	76.6	84.9	92.7	101.4	105.8	109.3	114.4	125.0	137.6	149.4	155.6
45°	92.2	99.6	108.6	116.1	121.5	128.1	135.5	145.0	159.2	171.6	180.2
42.5°	104.8	113.1	122.3	131.4	136.9	145.8	157.0	170.0	184.9	197.8	207.4
40°	122.4	129.4	144.0	152.7	154.8	163.2	185.6	203.5	220.2	236.1	244.1
37.5°	143.6	157.3	172.5	180.4	188.1	202.8	232.9	261.7	283.0	304.5	316.3
35°	167.7	185.7	206.5	215.8	232.3	264.5	299.7	339.8	389.6	410.5	429.6
32.5°	191.2	211.3	230.5	251.3	280.3	318.7	358.4	423.3	484.0	531.0	565.3
30°	212.0	233.4	257.1	284.0	324.8	377.7	444.0	528.1	613.5	688.2	751.3
27.5°	232.6	256.9	285.2	325.1	382.6	454.4	560.4	680.3	822.9	928.1	1053.7
25°	255.2	282.9	319.2	377.1	454.7	562.1	731.4	926.1	1160.1	1349.9	1548.5
22.5°	281.9	322.9	368.8	433.4	568.9	745.8	977.2	1309.9	1669.9	2002.7	2323.3
20°	314.1	370.2	443.9	562.9	736.8	998.3	1400.3	1931.4	2460.8	3024.6	3567.4
17.5°	360.2	440.9	555.5	724.8	953.9	1471.4	2123.7	2945.0	4000.3	4956.6	5791.5
15°	403.3	499.7	680.8	933.9	1333.6	2019.4	3010.1	4365.7	6010.3	7509.1	9092.2
12.5°	448.6	562.5	770.4	1092.7	1648.1	2540.8	3933.1	5790.7	7850.0	10108.8	12681.8
10°	484.5	622.7	871.7	1280.3	1964.9	3076.7	4735.1	6987.9	9724.4	13067.4	17180.5
7.5°	508.7	671.0	955.4	1417.7	2256.6	3624.6	5621.1	8328.9	11750.0	16178.7	21934.0
5°	527.7	707.9	1018.3	1542.9	2503.4	4042.9	6277.5	9503.1	13550.1	19483.9	29237.5
2.5°	542.9	736.1	1057.2	1629.2	2658.3	4334.2	6717.9	10167.5	14621.7	21927.5	34581.4
0°	554.8	761.7	1082.6	1682.4	2776.9	4363.3	6855.4	10289.1	15006.3	22368.5	35731.5
-2.5°	559.9	775.4	1091.3	1694.0	2765.0	4413.4	6897.4	10386.2	14991.8	22126.9	34447.0
-5°	568.3	775.2	1084.8	1682.1	2703.1	4284.1	6623.5	9842.8	14087.4	20223.8	30317.5
-7.5°	574.3	762.8	1053.4	1605.9	2540.8	4004.6	6142.1	8942.4	12441.3	17100.5	23351.9
-10°	568.8	739.1	1001.0	1478.1	2288.5	3556.2	5410.2	7753.8	10661.7	14114.6	18361.9
-12.5°	547.4	695.3	915.6	1299.0	1961.7	3053.9	4673.8	6669.2	8821.5	11246.5	14181.4
-15°	520.3	648.0	838.6	1176.1	1719.5	2556.1	3738.7	5357.5	7084.0	8925.2	10888.5
-17.5°	499.2	606.6	764.3	1008.7	1408.4	2073.5	3002.9	4152.8	5421.6	6823.4	7986.9
-20°	470.7	555.5	688.0	887.5	1192.5	1633.2	2310.0	3145.4	3982.7	4968.3	5772.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	442.1	516.0	616.8	762.8	989.7	1322.7	1740.9	2298.7	2910.9	3476.7	4033.6
-25°	415.6	472.5	554.1	673.9	827.8	1055.0	1352.6	1672.6	2076.2	2420.6	2802.8
-27.5°	394.2	443.0	503.2	591.0	710.5	856.6	1069.8	1284.1	1496.4	1670.2	1933.3
-30°	373.5	412.8	463.0	525.7	615.3	727.9	866.3	1005.3	1127.8	1239.5	1376.5
-32.5°	353.1	385.1	423.6	475.6	539.9	624.6	709.6	809.3	894.4	973.0	1045.7
-35°	332.7	361.2	390.6	434.4	485.6	545.8	607.6	675.1	734.0	787.0	833.8
-37.5°	314.3	339.3	366.9	399.6	440.8	486.1	536.6	585.7	624.6	658.9	687.3
-40°	298.7	321.5	345.1	371.3	402.7	438.4	481.3	522.1	549.4	570.4	587.6
-42.5°	284.8	304.9	325.0	347.2	371.3	402.2	436.1	469.8	488.3	504.6	517.0
-45°	273.7	289.1	306.0	325.0	346.3	372.2	398.8	422.1	438.5	452.5	462.9
-47.5°	258.9	273.7	288.4	304.1	324.0	345.6	367.6	385.5	399.9	412.0	420.0
-50°	242.7	258.3	271.7	285.5	303.8	322.1	339.8	354.7	368.4	380.3	386.6
-52.5°	225.9	242.6	256.8	270.2	285.6	301.5	317.5	330.2	342.2	353.4	358.2
-55°	213.8	229.2	243.8	256.4	269.1	281.9	294.9	308.1	320.0	330.6	333.8
-57.5°	200.7	216.4	230.9	242.2	253.6	265.2	277.1	289.0	300.4	310.7	313.3
-60°	184.8	201.8	214.6	225.3	236.4	247.8	258.2	268.8	279.5	288.4	291.3
-62.5°	164.5	180.0	192.7	203.9	214.7	224.6	234.7	244.6	254.2	261.2	263.6
-65°	140.2	153.4	166.4	178.2	188.8	198.4	207.7	216.7	225.4	231.7	234.7
-67.5°	121.1	130.6	141.0	151.2	161.8	171.6	180.1	188.0	195.5	200.7	204.0
-70°	102.7	111.7	121.5	131.1	140.3	148.3	155.0	161.6	167.9	172.6	176.1
-72.5°	85.0	92.6	100.8	109.3	117.8	125.0	131.1	137.0	142.5	146.4	149.7
-75°	69.0	75.3	82.2	89.1	96.0	101.7	106.9	111.9	116.8	120.3	123.3
-77.5°	54.8	60.1	65.5	70.9	76.3	80.5	84.3	88.0	91.6	94.4	96.9
-80°	40.6	44.8	49.1	53.4	57.7	60.9	63.7	66.4	69.0	70.6	72.1
-82.5°	27.7	30.6	33.7	36.7	39.8	42.1	44.4	46.6	48.8	49.5	50.1
-85°	17.7	19.2	20.7	22.4	24.1	25.4	26.7	27.8	29.0	30.0	31.0
-87.5°	9.8	10.1	10.4	10.6	10.9	11.8	12.7	13.6	14.5	14.6	14.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-750-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	0.3	0.6
62.5°	2.7	2.9	3.0	3.0	3.0	2.9	2.7	2.5	2.2	2.3	2.7
60°	10.3	9.1	8.9	9.0	8.9	9.1	10.3	10.9	11.0	12.8	13.3
57.5°	45.6	50.7	52.2	51.0	52.2	50.7	45.6	40.2	34.8	34.1	34.8
55°	66.4	68.0	68.8	69.0	68.8	68.0	66.4	63.8	59.9	56.1	53.1
52.5°	81.5	80.9	80.8	81.0	80.8	80.9	81.5	81.1	79.6	75.9	70.1
50°	122.4	120.2	119.3	120.0	119.3	120.2	122.4	121.9	115.5	104.5	95.6
47.5°	156.4	157.1	158.1	158.9	158.1	157.1	156.4	155.6	149.4	137.6	125.0
45°	182.6	184.2	185.3	185.9	185.3	184.2	182.6	180.2	171.6	159.2	145.0
42.5°	209.4	209.6	209.3	209.9	209.3	209.6	209.4	207.4	197.8	184.9	170.0
40°	247.3	248.1	247.2	245.9	247.2	248.1	247.3	244.1	236.1	220.2	203.5
37.5°	323.2	324.3	320.7	317.9	320.7	324.3	323.2	316.3	304.5	283.0	261.7
35°	446.9	459.7	465.8	467.8	465.8	459.7	446.9	429.6	410.5	389.6	339.8
32.5°	589.1	606.9	615.9	623.8	615.9	606.9	589.1	565.3	531.0	484.0	423.3
30°	792.7	825.6	840.1	860.7	840.1	825.6	792.7	751.3	688.2	613.5	528.1
27.5°	1124.9	1182.8	1214.8	1244.5	1214.8	1182.8	1124.9	1053.7	928.1	822.9	680.3
25°	1692.8	1804.2	1876.3	1910.3	1876.3	1804.2	1692.8	1548.5	1349.9	1160.1	926.1
22.5°	2633.4	2838.7	2997.1	3028.9	2997.1	2838.7	2633.4	2323.3	2002.7	1669.9	1309.9
20°	4094.0	4387.8	4626.8	4747.2	4626.8	4387.8	4094.0	3567.4	3024.6	2460.8	1931.4
17.5°	6785.9	7397.1	7676.3	7722.1	7676.3	7397.1	6785.9	5791.5	4956.6	4000.3	2945.0
15°	10790.8	11824.9	12481.4	12904.1	12481.4	11824.9	10790.8	9092.2	7509.1	6010.3	4365.7
12.5°	15360.1	18298.7	19970.7	20608.2	19970.7	18298.7	15360.1	12681.8	10108.8	7850.0	5790.7
10°	21561.8	28479.5	32469.9	34478.0	32469.9	28479.5	21561.8	17180.5	13067.4	9724.4	6987.9
7.5°	32087.5	42772.0	54610.0	60086.8	54610.0	42772.0	32087.5	21934.0	16178.7	11750.0	8328.9
5°	43152.5	66611.3	87201.4	97061.3	87201.4	66611.3	43152.5	29237.5	19483.9	13550.1	9503.1
2.5°	55870.0	87506.5	116757.0	129056.2	116757.0	87506.5	55870.0	34581.4	21927.5	14621.7	10167.5
0°	60764.5	97616.1	129606.4	141678.4	129606.4	97616.1	60764.5	35731.5	22368.5	15006.3	10289.1
-2.5°	56626.7	89039.1	117259.5	131053.4	117259.5	89039.1	56626.7	34447.0	22126.9	14991.8	10386.2
-5°	44992.8	66978.5	87878.4	99118.5	87878.4	66978.5	44992.8	30317.5	20223.8	14087.4	9842.8
-7.5°	33021.9	44990.7	56597.8	60656.6	56597.8	44990.7	33021.9	23351.9	17100.5	12441.3	8942.4
-10°	22990.6	29844.3	34368.5	35659.5	34368.5	29844.3	22990.6	18361.9	14114.6	10661.7	7753.8
-12.5°	17045.2	20043.0	22128.8	22491.5	22128.8	20043.0	17045.2	14181.4	11246.5	8821.5	6669.2
-15°	12621.5	14146.0	15221.8	15294.2	15221.8	14146.0	12621.5	10888.5	8925.2	7084.0	5357.5
-17.5°	9226.4	10249.7	10792.6	10753.9	10792.6	10249.7	9226.4	7986.9	6823.4	5421.6	4152.8
-20°	6597.4	7214.3	7651.6	7566.1	7651.6	7214.3	6597.4	5772.0	4968.3	3982.7	3145.4



REPORT NUMBER: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-750-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°	4600.2	5009.7	5266.0	5200.0	5266.0	5009.7	4600.2	4033.6	3476.7	2910.9	2298.7
-25°	3125.7	3348.8	3475.8	3454.7	3475.8	3348.8	3125.7	2802.8	2420.6	2076.2	1672.6
-27.5°	2130.0	2247.9	2287.2	2285.1	2287.2	2247.9	2130.0	1933.3	1670.2	1496.4	1284.1
-30°	1478.4	1557.6	1602.9	1574.4	1602.9	1557.6	1478.4	1376.5	1239.5	1127.8	1005.3
-32.5°	1101.9	1146.6	1172.4	1145.6	1172.4	1146.6	1101.9	1045.7	973.0	894.4	809.3
-35°	868.4	891.0	900.1	884.7	900.1	891.0	868.4	833.8	787.0	734.0	675.1
-37.5°	708.0	721.2	725.7	716.7	725.7	721.2	708.0	687.3	658.9	624.6	585.7
-40°	599.9	608.1	610.1	602.8	610.1	608.1	599.9	587.6	570.4	549.4	522.1
-42.5°	524.9	529.7	530.9	527.8	530.9	529.7	524.9	517.0	504.6	488.3	469.8
-45°	469.1	473.2	474.0	470.8	474.0	473.2	469.1	462.9	452.5	438.5	422.1
-47.5°	423.9	426.5	427.1	425.8	427.1	426.5	423.9	420.0	412.0	399.9	385.5
-50°	389.4	391.2	391.3	389.9	391.3	391.2	389.4	386.6	380.3	368.4	354.7
-52.5°	360.4	361.7	362.5	362.9	362.5	361.7	360.4	358.2	353.4	342.2	330.2
-55°	336.0	337.6	338.6	338.9	338.6	337.6	336.0	333.8	330.6	320.0	308.1
-57.5°	315.3	316.7	317.6	317.9	317.6	316.7	315.3	313.3	310.7	300.4	289.0
-60°	293.6	295.4	296.5	296.9	296.5	295.4	293.6	291.3	288.4	279.5	268.8
-62.5°	265.1	265.9	266.6	266.9	266.6	265.9	265.1	263.6	261.2	254.2	244.6
-65°	237.1	238.7	239.6	239.9	239.6	238.7	237.1	234.7	231.7	225.4	216.7
-67.5°	206.7	208.8	211.0	212.9	211.0	208.8	206.7	204.0	200.7	195.5	188.0
-70°	179.2	181.9	182.7	182.9	182.7	181.9	179.2	176.1	172.6	167.9	161.6
-72.5°	152.5	155.0	157.1	158.9	157.1	155.0	152.5	149.7	146.4	142.5	137.0
-75°	125.9	128.3	128.8	129.0	128.8	128.3	125.9	123.3	120.3	116.8	111.9
-77.5°	99.3	101.4	101.9	102.0	101.9	101.4	99.3	96.9	94.4	91.6	88.0
-80°	73.4	74.6	76.4	78.0	76.4	74.6	73.4	72.1	70.6	69.0	66.4
-82.5°	50.5	50.8	50.9	51.0	50.9	50.8	50.5	50.1	49.5	48.8	46.6
-85°	31.9	32.9	33.0	33.0	33.0	32.9	31.9	31.0	30.0	29.0	27.8
-87.5°	14.9	14.9	15.0	15.0	15.0	14.9	14.9	14.8	14.6	14.5	13.6
-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: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-750-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	0.2
65°	0.7	0.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.8
62.5°	3.1	3.3	3.4	3.1	2.3	1.5	1.8	2.1	1.4	0.3	1.0
60°	11.3	7.2	10.2	11.2	9.8	7.1	7.2	6.7	5.5	4.4	2.9
57.5°	37.0	35.7	29.3	25.3	24.1	21.4	17.6	14.0	12.4	10.0	7.0
55°	51.0	48.9	45.4	40.6	35.2	33.6	30.5	26.2	22.0	17.0	13.8
52.5°	62.7	63.2	61.2	55.4	50.6	47.3	43.2	39.0	33.9	29.1	22.7
50°	89.6	86.1	82.9	79.6	72.0	64.5	59.3	53.6	46.3	40.8	35.4
47.5°	114.4	109.3	105.8	101.4	92.7	84.9	76.6	68.6	59.5	51.0	45.6
45°	135.5	128.1	121.5	116.1	108.6	99.6	92.2	83.3	73.0	63.1	53.8
42.5°	157.0	145.8	136.9	131.4	122.3	113.1	104.8	98.0	86.7	75.2	65.8
40°	185.6	163.2	154.8	152.7	144.0	129.4	122.4	114.9	102.9	87.8	78.7
37.5°	232.9	202.8	188.1	180.4	172.5	157.3	143.6	133.8	123.1	106.1	93.0
35°	299.7	264.5	232.3	215.8	206.5	185.7	167.7	154.2	141.4	125.3	108.3
32.5°	358.4	318.7	280.3	251.3	230.5	211.3	191.2	174.5	157.6	141.2	124.5
30°	444.0	377.7	324.8	284.0	257.1	233.4	212.0	191.8	172.8	155.4	138.6
27.5°	560.4	454.4	382.6	325.1	285.2	256.9	232.6	209.0	187.3	168.6	151.3
25°	731.4	562.1	454.7	377.1	319.2	282.9	255.2	227.9	202.5	181.2	166.6
22.5°	977.2	745.8	568.9	433.4	368.8	322.9	281.9	247.5	218.7	199.8	182.4
20°	1400.3	998.3	736.8	562.9	443.9	370.2	314.1	273.8	244.4	219.9	198.4
17.5°	2123.7	1471.4	953.9	724.8	555.5	440.9	360.2	306.6	269.5	240.2	214.6
15°	3010.1	2019.4	1333.6	933.9	680.8	499.7	403.3	339.1	295.3	261.5	230.8
12.5°	3933.1	2540.8	1648.1	1092.7	770.4	562.5	448.6	376.2	321.1	276.9	241.5
10°	4735.1	3076.7	1964.9	1280.3	871.7	622.7	484.5	399.5	336.5	287.9	250.6
7.5°	5621.1	3624.6	2256.6	1417.7	955.4	671.0	508.7	415.2	349.2	297.2	258.1
5°	6277.5	4042.9	2503.4	1542.9	1018.3	707.9	527.7	426.4	359.2	304.5	264.1
2.5°	6717.9	4334.2	2658.3	1629.2	1057.2	736.1	542.9	437.0	366.9	312.0	270.7
0°	6855.4	4363.3	2776.9	1682.4	1082.6	761.7	554.8	446.8	371.9	317.9	275.9
-2.5°	6897.4	4413.4	2765.0	1694.0	1091.3	775.4	559.9	448.6	375.8	320.1	276.6
-5°	6623.5	4284.1	2703.1	1682.1	1084.8	775.2	568.3	451.9	378.0	320.9	276.0
-7.5°	6142.1	4004.6	2540.8	1605.9	1053.4	762.8	574.3	456.2	380.0	323.2	278.2
-10°	5410.2	3556.2	2288.5	1478.1	1001.0	739.1	568.8	453.8	378.7	322.8	278.6
-12.5°	4673.8	3053.9	1961.7	1299.0	915.6	695.3	547.4	444.5	374.0	319.5	277.3
-15°	3738.7	2556.1	1719.5	1176.1	838.6	648.0	520.3	430.0	366.0	313.6	274.2
-17.5°	3002.9	2073.5	1408.4	1008.7	764.3	606.6	499.2	418.2	356.5	307.6	269.9
-20°	2310.0	1633.2	1192.5	887.5	688.0	555.5	470.7	400.9	345.7	301.3	265.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	1740.9	1322.7	989.7	762.8	616.8	516.0	442.1	381.5	332.5	292.3	260.6
-25°	1352.6	1055.0	827.8	673.9	554.1	472.5	415.6	366.1	322.0	283.5	254.3
-27.5°	1069.8	856.6	710.5	591.0	503.2	443.0	394.2	350.2	310.8	276.8	247.9
-30°	866.3	727.9	615.3	525.7	463.0	412.8	373.5	336.7	300.3	268.2	241.0
-32.5°	709.6	624.6	539.9	475.6	423.6	385.1	353.1	322.1	287.4	259.3	233.8
-35°	607.6	545.8	485.6	434.4	390.6	361.2	332.7	303.7	275.4	249.3	225.5
-37.5°	536.6	486.1	440.8	399.6	366.9	339.3	314.3	288.6	263.0	239.0	217.1
-40°	481.3	438.4	402.7	371.3	345.1	321.5	298.7	275.1	252.2	228.2	207.9
-42.5°	436.1	402.2	371.3	347.2	325.0	304.9	284.8	264.2	241.8	219.0	197.7
-45°	398.8	372.2	346.3	325.0	306.0	289.1	273.7	253.1	231.2	208.4	186.7
-47.5°	367.6	345.6	324.0	304.1	288.4	273.7	258.9	240.7	217.8	196.3	177.8
-50°	339.8	322.1	303.8	285.5	271.7	258.3	242.7	223.7	203.9	186.2	168.8
-52.5°	317.5	301.5	285.6	270.2	256.8	242.6	225.9	209.5	192.6	176.0	159.9
-55°	294.9	281.9	269.1	256.4	243.8	229.2	213.8	197.4	180.9	165.4	149.0
-57.5°	277.1	265.2	253.6	242.2	230.9	216.4	200.7	184.8	167.7	152.0	136.7
-60°	258.2	247.8	236.4	225.3	214.6	201.8	184.8	168.3	152.5	137.7	122.9
-62.5°	234.7	224.6	214.7	203.9	192.7	180.0	164.5	149.4	135.8	122.9	109.5
-65°	207.7	198.4	188.8	178.2	166.4	153.4	140.2	129.1	118.6	107.7	95.9
-67.5°	180.1	171.6	161.8	151.2	141.0	130.6	121.1	111.6	101.8	91.7	81.1
-70°	155.0	148.3	140.3	131.1	121.5	111.7	102.7	93.8	84.7	76.2	68.1
-72.5°	131.1	125.0	117.8	109.3	100.8	92.6	85.0	77.8	70.6	63.6	56.4
-75°	106.9	101.7	96.0	89.1	82.2	75.3	69.0	63.2	57.2	51.0	44.9
-77.5°	84.3	80.5	76.3	70.9	65.5	60.1	54.8	49.5	44.5	39.9	35.6
-80°	63.7	60.9	57.7	53.4	49.1	44.8	40.6	37.0	33.6	30.5	27.5
-82.5°	44.4	42.1	39.8	36.7	33.7	30.6	27.7	25.5	23.4	21.3	19.3
-85°	26.7	25.4	24.1	22.4	20.7	19.2	17.7	16.5	15.2	14.0	12.7
-87.5°	12.7	11.8	10.9	10.6	10.4	10.1	9.8	8.9	8.0	7.2	6.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-750-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	0.1	0.3	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.6	0.2
70°	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.4	1.1	1.3	0.9
67.5°	0.0	0.0	0.0	0.6	1.0	0.9	0.2	0.5	1.2	1.9	1.7
65°	1.0	0.7	0.1	0.8	1.5	1.9	1.5	0.9	1.3	2.0	2.5
62.5°	1.8	2.3	1.7	1.2	1.7	2.4	2.8	1.9	1.6	2.1	2.8
60°	2.0	2.7	3.0	2.4	2.1	2.5	3.0	2.7	2.2	2.3	2.9
57.5°	5.3	3.4	3.4	3.2	2.7	2.8	3.0	3.0	2.7	2.5	3.0
55°	9.8	7.2	5.1	4.1	3.4	3.0	3.1	3.0	3.0	2.8	3.0
52.5°	17.0	12.4	9.1	6.1	4.6	3.4	3.4	3.0	3.0	2.9	3.0
50°	27.1	19.5	14.3	10.3	6.4	5.0	3.9	3.5	3.0	3.0	3.0
47.5°	39.7	29.2	20.9	15.1	10.6	6.8	5.3	4.1	3.0	3.0	3.0
45°	49.0	40.7	29.1	21.0	14.8	10.2	7.2	4.9	3.7	3.1	3.0
42.5°	58.1	50.6	39.6	27.0	20.4	14.1	9.2	6.6	4.6	3.3	3.1
40°	69.8	60.4	49.6	36.8	26.5	17.9	12.5	8.5	5.5	3.8	3.3
37.5°	81.8	71.3	59.5	46.2	33.4	23.7	15.8	10.5	6.9	4.9	3.6
35°	95.3	82.7	69.4	55.2	41.6	29.8	19.0	12.9	8.8	6.0	4.0
32.5°	109.0	93.6	78.6	64.0	49.2	35.9	23.6	16.0	10.7	7.1	4.4
30°	122.1	104.4	87.0	72.3	56.5	42.5	29.3	19.4	12.4	8.3	5.0
27.5°	134.1	115.0	95.2	79.8	63.8	48.7	35.0	23.0	14.1	9.7	6.0
25°	146.7	125.8	104.5	86.4	70.7	54.9	40.3	26.9	16.6	11.1	6.9
22.5°	161.0	136.6	113.5	92.4	77.9	60.9	45.4	31.5	19.7	12.5	7.9
20°	176.3	147.4	122.6	100.9	84.7	67.1	50.5	35.7	22.7	13.7	8.9
17.5°	192.1	159.2	133.4	110.6	91.4	73.0	55.3	39.6	25.8	14.9	9.8
15°	202.7	171.0	143.3	119.7	98.1	78.3	59.8	43.1	28.8	16.1	10.7
12.5°	211.6	181.2	151.9	128.1	104.7	83.3	64.1	46.2	31.8	17.6	11.6
10°	219.5	189.8	159.4	135.7	111.1	87.7	68.0	49.0	34.5	19.5	12.5
7.5°	226.3	196.9	165.9	142.7	117.2	92.2	71.2	51.5	36.9	21.5	13.2
5°	232.0	203.0	171.4	147.2	122.9	96.9	73.9	53.6	38.9	23.4	13.9
2.5°	236.6	208.5	176.0	150.4	127.8	101.2	76.2	55.4	40.6	25.3	14.5
0°	239.9	212.9	179.9	152.9	132.0	105.0	78.0	57.0	42.0	27.0	15.0
-2.5°	242.1	213.6	184.0	155.7	134.5	108.1	81.6	58.9	43.1	28.5	15.9
-5°	243.0	213.5	187.1	157.9	136.3	110.6	84.7	60.5	44.0	29.9	16.7
-7.5°	244.4	214.5	188.8	159.6	137.5	112.6	87.0	61.7	44.6	30.9	17.5
-10°	244.9	215.5	189.2	161.7	138.5	114.0	88.6	62.5	45.1	31.7	18.1
-12.5°	244.2	215.4	189.1	162.9	138.9	114.8	89.4	63.6	45.6	32.2	18.7
-15°	242.2	214.2	188.6	163.0	138.9	115.1	89.6	64.7	46.5	32.3	19.1
-17.5°	239.3	211.7	188.0	162.0	138.3	114.9	89.3	65.2	47.0	32.1	19.6
-20°	236.3	209.4	187.0	159.9	137.3	114.3	88.6	65.1	46.9	31.6	20.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	232.4	207.3	183.6	157.7	135.8	113.2	87.3	64.3	46.4	30.9	20.2
-25°	227.5	204.0	179.9	156.0	133.9	111.1	85.9	62.9	45.3	30.0	20.3
-27.5°	222.6	199.7	175.8	153.7	131.3	108.5	84.0	61.6	43.8	28.8	20.3
-30°	216.8	194.7	172.3	150.5	127.7	104.9	81.2	59.5	42.2	28.1	20.0
-32.5°	210.5	189.7	168.4	145.7	123.1	100.8	77.7	56.7	40.3	27.8	19.8
-35°	204.2	184.2	163.6	139.6	118.2	96.4	74.1	53.1	38.2	27.2	19.5
-37.5°	196.8	177.3	155.9	133.2	112.9	91.7	70.8	51.0	35.8	26.4	19.2
-40°	188.4	168.9	147.0	127.2	107.4	86.7	67.2	49.2	34.2	25.4	18.7
-42.5°	178.9	159.5	139.9	121.0	101.6	82.4	63.5	46.8	33.5	24.6	18.2
-45°	169.2	150.9	133.3	114.6	95.7	77.9	60.4	44.3	32.5	23.9	17.6
-47.5°	160.1	143.7	126.1	107.7	90.6	73.4	56.7	42.6	31.1	23.1	17.0
-50°	152.4	135.8	118.2	100.8	84.6	68.7	53.0	40.4	29.9	22.2	16.3
-52.5°	143.6	126.8	109.6	93.1	78.3	63.5	49.8	37.7	28.3	21.1	15.4
-55°	133.1	116.5	99.9	85.5	71.6	58.6	46.0	35.0	26.2	19.8	14.4
-57.5°	120.8	104.6	91.1	77.9	64.9	53.1	41.8	31.7	24.3	18.4	13.2
-60°	108.2	95.1	82.7	69.8	57.9	47.1	37.0	28.4	22.3	16.8	12.0
-62.5°	96.9	85.0	72.8	61.0	50.6	40.8	32.1	25.9	20.2	15.1	10.6
-65°	84.3	73.0	62.1	52.4	43.1	35.0	28.8	23.1	17.9	13.2	9.3
-67.5°	70.8	61.7	52.5	43.7	36.9	30.9	25.3	20.1	15.4	11.2	8.5
-70°	59.8	51.3	43.8	37.6	31.9	26.5	21.6	17.0	12.8	10.0	7.7
-72.5°	49.3	42.8	36.9	31.5	26.6	22.0	17.7	13.9	11.2	8.8	6.8
-75°	39.3	34.6	29.9	25.3	21.1	17.3	14.5	11.7	9.4	7.4	5.9
-77.5°	31.5	27.3	23.0	19.7	17.2	14.6	11.9	9.4	7.8	6.5	5.1
-80°	24.2	21.3	18.7	16.5	14.1	11.7	9.7	7.9	6.7	5.5	4.3
-82.5°	17.4	15.9	14.5	13.2	11.3	9.6	8.1	6.7	5.6	4.5	3.3
-85°	11.9	11.1	10.5	9.8	8.6	7.5	6.2	5.0	4.0	3.1	2.2
-87.5°	6.1	5.8	5.5	5.2	4.4	3.7	3.1	2.5	2.0	1.5	1.1
-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: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.3	0.0
75°	0.1	0.2	0.0	0.0	0.1	0.4	0.0
72.5°	0.2	0.5	0.3	0.0	0.1	0.5	0.0
70°	0.3	0.7	0.6	0.1	0.1	0.5	0.0
67.5°	1.1	0.9	0.9	0.4	0.2	0.6	0.0
65°	1.7	1.3	1.2	0.7	0.2	0.7	0.0
62.5°	2.4	1.7	1.5	1.0	0.3	0.8	0.0
60°	2.9	2.1	1.9	1.3	0.4	0.9	0.0
57.5°	3.0	2.4	2.1	1.6	0.7	0.9	0.0
55°	3.0	2.8	2.3	1.9	0.9	1.0	0.0
52.5°	3.0	3.0	2.5	2.2	1.1	1.1	0.0
50°	3.0	3.0	2.6	2.6	1.4	1.2	0.0
47.5°	3.0	3.0	2.8	2.8	1.6	1.3	0.0
45°	3.0	3.0	2.9	2.9	1.8	1.4	0.0
42.5°	3.0	3.0	3.0	3.0	1.9	1.5	0.0
40°	3.0	3.0	3.0	3.0	2.1	1.6	0.0
37.5°	3.0	3.0	3.0	3.0	2.2	1.7	0.0
35°	3.0	3.0	3.0	3.0	2.4	1.8	0.0
32.5°	3.1	3.0	3.0	3.0	2.5	1.8	0.0
30°	3.4	3.0	3.0	3.0	2.6	1.9	0.0
27.5°	3.7	3.0	3.0	3.0	2.7	2.0	0.0
25°	4.1	3.0	3.0	3.0	2.8	2.1	0.0
22.5°	4.5	3.1	3.0	3.0	2.8	2.2	0.0
20°	4.8	3.3	3.0	3.0	2.9	2.3	0.0
17.5°	5.4	3.5	3.0	3.0	2.9	2.4	0.0
15°	6.0	3.9	3.0	3.0	2.9	2.5	0.0
12.5°	6.6	4.2	3.0	3.0	3.0	2.6	0.0
10°	7.1	4.5	3.0	3.0	3.0	2.7	0.0
7.5°	7.6	4.9	3.0	3.0	3.0	2.8	0.0
5°	8.1	5.3	3.0	3.0	3.0	2.9	0.0
2.5°	8.6	5.7	3.0	3.0	3.0	2.9	0.0
0°	9.0	6.0	3.0	3.0	3.0	3.0	0.0
-2.5°	9.8	6.3	3.3	3.0	3.0	3.0	0.0
-5°	10.5	6.6	3.5	3.0	3.0	3.0	0.0
-7.5°	11.2	6.9	3.8	3.0	3.0	3.0	0.0
-10°	11.8	7.1	4.0	3.0	3.0	3.0	0.0
-12.5°	12.3	7.3	4.2	3.0	3.0	2.9	0.0
-15°	12.6	7.5	4.4	3.0	3.0	2.9	0.0
-17.5°	12.9	7.6	4.5	3.0	3.0	2.9	0.0
-20°	13.1	7.7	4.6	3.0	3.0	2.8	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627118 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.2	7.8	4.6	3.0	3.0	2.8	0.0
-25°	13.3	7.9	4.6	3.0	3.0	2.7	0.0
-27.5°	13.3	8.2	4.5	3.0	3.0	2.7	0.0
-30°	13.2	8.3	4.4	3.0	3.0	2.6	0.0
-32.5°	13.1	8.3	4.4	3.0	3.0	2.5	0.0
-35°	13.1	8.3	4.3	3.0	3.0	2.5	0.0
-37.5°	13.0	8.2	4.2	3.0	3.0	2.4	0.0
-40°	12.8	8.1	4.1	3.0	3.0	2.3	0.0
-42.5°	12.6	7.8	4.0	3.0	3.0	2.2	0.0
-45°	12.2	7.5	4.2	3.1	3.0	2.1	0.0
-47.5°	11.7	7.1	4.2	3.2	3.0	2.0	0.0
-50°	11.1	6.7	4.3	3.2	3.0	1.9	0.0
-52.5°	10.4	6.1	4.3	3.2	3.0	1.8	0.0
-55°	9.6	5.9	4.2	3.2	3.0	1.7	0.0
-57.5°	8.7	5.8	4.2	3.2	3.0	1.6	0.0
-60°	7.8	5.6	4.1	3.2	3.0	1.5	0.0
-62.5°	7.4	5.4	4.0	3.2	2.8	1.4	0.0
-65°	6.9	5.1	3.8	3.1	2.5	1.3	0.0
-67.5°	6.4	4.8	3.7	3.1	2.3	1.1	0.0
-70°	5.8	4.4	3.5	3.0	2.0	1.0	0.0
-72.5°	5.2	4.0	3.3	2.7	1.8	0.9	0.0
-75°	4.5	3.6	3.0	2.3	1.6	0.8	0.0
-77.5°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-80°	3.1	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)