

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: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627218 (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-SA3D-735-U-NR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

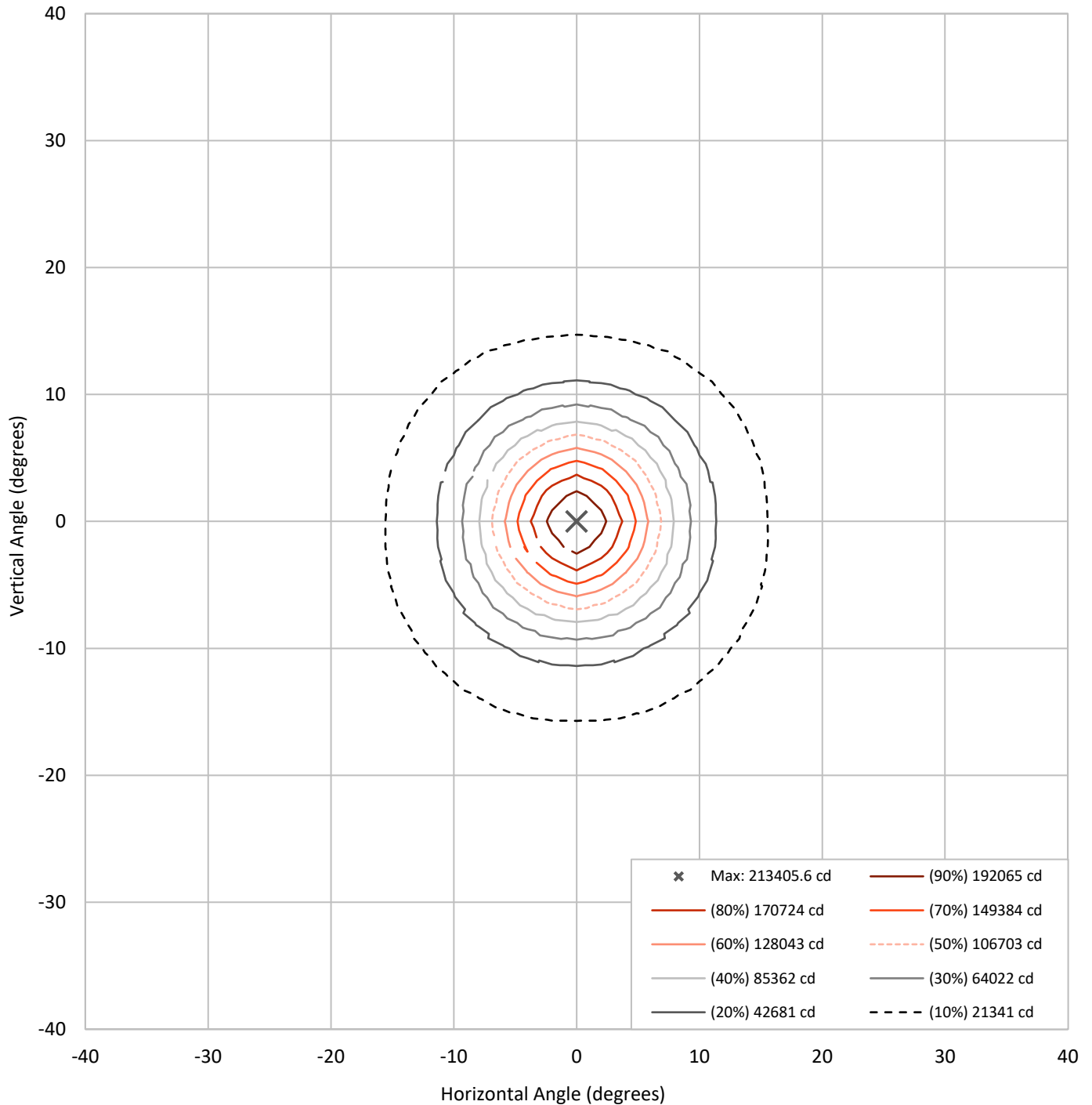
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	21052.9 lumens	Max Intensity:	213405.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	131.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	6721 lumens	Field Lumens:	14969.9 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	160.2		
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: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-NR-VSR-XX

### Iso-Candela Plot





REPORT NUMBER: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)

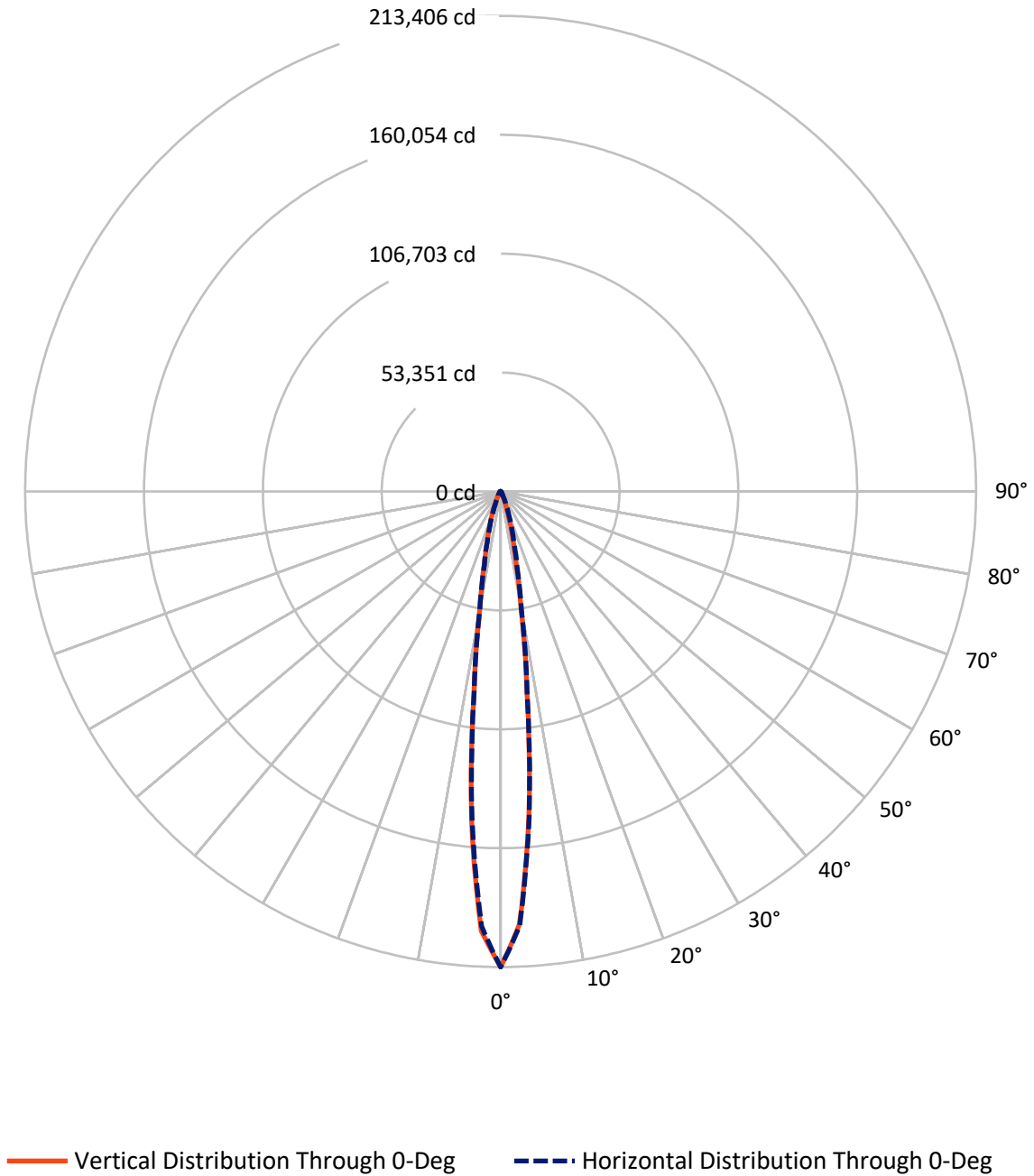
CATALOG NUMBER: GFLD-SA3D-735-U-NR-VSR-XX

### Lumen Table

90	0.0																		
80	0.0																		
70	0.0																		
60	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1				
50	0.1	0.1	0.1	0.5	1.2	1.9	2.5	3.0	3.0	2.5	1.9	1.2	0.5	0.1	0.1				
40	0.1	0.1	0.6	1.8	3.4	5.1	7.1	8.4	8.4	7.1	5.1	3.4	1.8	0.6	0.1				
30	0.2	0.3	1.5	3.6	6.4	10.1	17.1	21.8	21.8	17.1	10.1	6.4	3.6	1.5	0.3				
20	0.2	0.6	2.3	5.4	9.9	21.4	57.2	94.7	94.7	57.2	21.4	9.9	5.4	2.3	0.6				
10	0.3	0.9	3.2	7.5	16.3	64.0	269.9	593.2	593.2	269.9	64.0	16.3	7.5	3.2	0.9				
0	0.3	1.1	3.9	8.8	22.1	120.2	646.7	2900.2	2900.2	646.7	120.2	22.1	8.8	3.9	1.1				
-10	0.4	1.3	4.3	9.3	23.8	128.0	669.4	2949.4	2949.4	669.4	128.0	23.8	9.3	4.3	1.3				
-20	0.4	1.4	4.3	9.1	20.8	81.5	324.9	695.0	695.0	324.9	81.5	20.8	9.1	4.3	1.4				
-30	0.4	1.3	4.2	8.4	16.1	38.1	100.1	166.9	166.9	100.1	38.1	16.1	8.4	4.2	1.3				
-40	0.4	1.1	3.7	7.4	12.6	20.9	34.0	43.2	43.2	34.0	20.9	12.6	7.4	3.7	1.1				
-50	0.3	0.9	3.0	6.2	10.2	14.6	19.6	21.9	21.9	19.6	14.6	10.2	6.2	3.0	0.9				
-60	0.3	0.7	2.3	4.8	8.0	11.2	14.2	15.5	15.5	14.2	11.2	8.0	4.8	2.3	0.7				
-70	0.1	0.5	1.4	3.1	5.4	7.8	9.9	10.8	10.8	9.9	7.8	5.4	3.1	1.4	0.5				
-80	0.1	1.3		5.3		11.6		14.7		11.6		5.3		1.3					
-90	0.1																		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

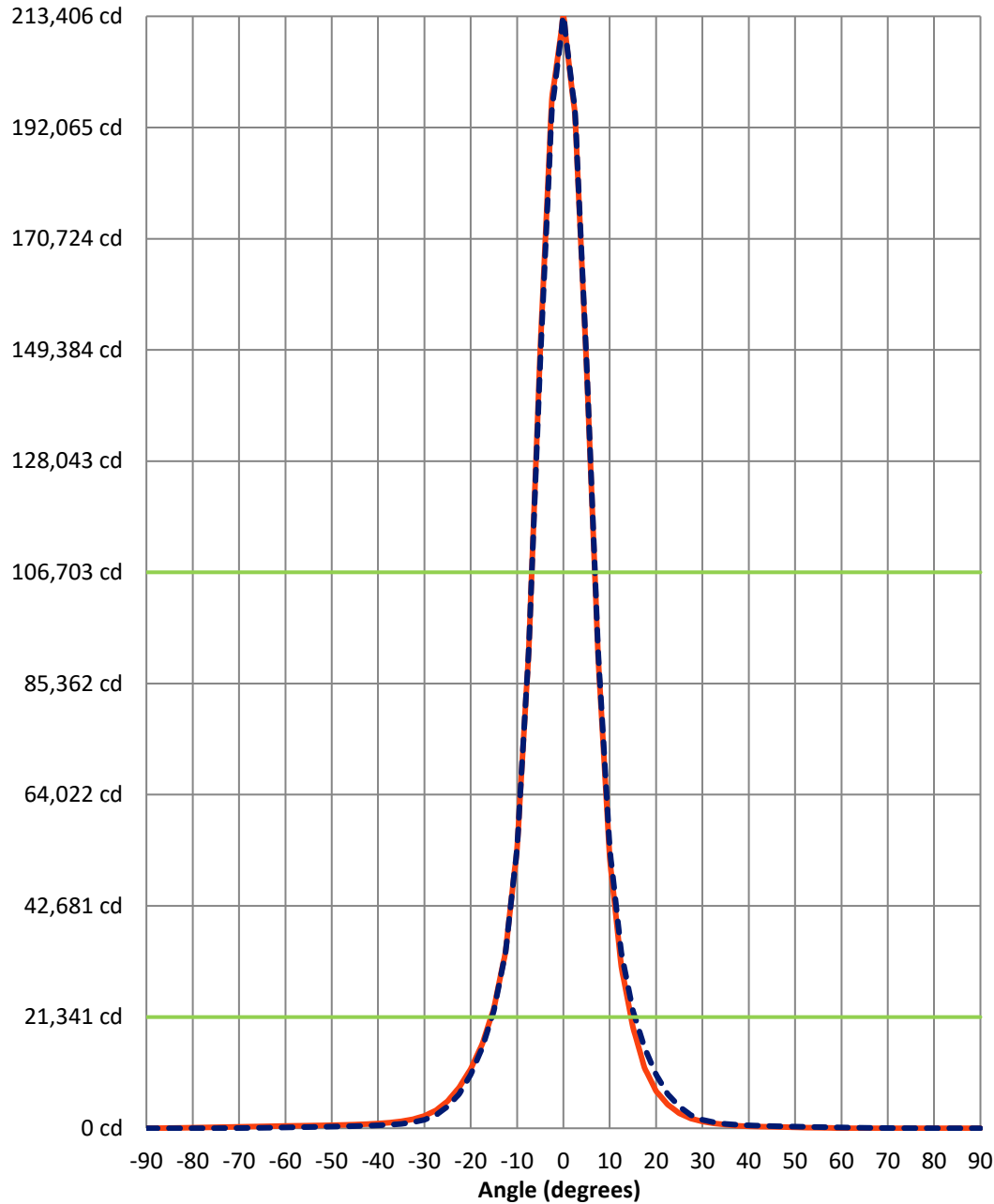
REPORT NUMBER: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3D-735-U-NR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-735-U-NR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 6721  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 14969.9  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 6082.9  
 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: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.6	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.4	0.2
72.5°	0.0	0.7	0.1	0.0	0.5	0.7	0.2	0.3	1.0	1.0	0.4
70°	0.0	0.8	0.2	0.1	0.9	1.0	0.5	1.4	1.9	1.7	0.6
67.5°	0.0	0.9	0.3	0.5	1.4	1.4	1.6	2.5	2.9	1.8	0.8
65°	0.0	1.0	0.4	1.0	1.8	1.9	2.6	3.7	3.0	2.0	1.4
62.5°	0.0	1.2	0.5	1.4	2.3	2.6	3.5	4.2	3.2	2.3	2.8
60°	0.0	1.3	0.6	1.9	2.8	3.1	4.4	4.4	3.4	3.2	4.1
57.5°	0.0	1.4	1.0	2.4	3.2	3.7	4.5	4.5	3.8	4.0	4.5
55°	0.0	1.5	1.4	2.9	3.5	4.1	4.5	4.5	4.2	4.5	4.5
52.5°	0.0	1.7	1.7	3.3	3.7	4.5	4.5	4.5	4.4	4.5	4.5
50°	0.0	1.8	2.0	3.8	4.0	4.5	4.5	4.5	4.5	4.5	5.2
47.5°	0.0	1.9	2.3	4.3	4.2	4.5	4.5	4.5	4.5	4.5	6.2
45°	0.0	2.1	2.6	4.4	4.3	4.5	4.5	4.5	4.7	5.6	7.4
42.5°	0.0	2.2	2.9	4.5	4.5	4.5	4.5	4.7	4.9	6.8	10.0
40°	0.0	2.3	3.1	4.5	4.5	4.5	4.5	5.0	5.7	8.3	12.9
37.5°	0.0	2.5	3.4	4.5	4.5	4.5	4.5	5.5	7.3	10.4	15.9
35°	0.0	2.6	3.6	4.5	4.5	4.5	4.5	6.0	9.0	13.3	19.5
32.5°	0.0	2.8	3.7	4.5	4.5	4.5	4.6	6.6	10.7	16.1	24.1
30°	0.0	2.9	3.9	4.5	4.5	4.5	5.1	7.5	12.5	18.7	29.2
27.5°	0.0	3.1	4.0	4.5	4.5	4.5	5.6	8.9	14.5	21.3	34.7
25°	0.0	3.2	4.1	4.5	4.5	4.5	6.1	10.4	16.7	25.1	40.5
22.5°	0.0	3.4	4.2	4.5	4.5	4.6	6.7	11.9	18.8	29.6	47.4
20°	0.0	3.5	4.3	4.5	4.5	4.9	7.3	13.3	20.7	34.2	53.8
17.5°	0.0	3.6	4.4	4.5	4.5	5.3	8.1	14.7	22.5	38.8	59.6
15°	0.0	3.8	4.4	4.5	4.5	5.8	9.0	16.2	24.2	43.4	64.9
12.5°	0.0	3.9	4.5	4.5	4.5	6.3	9.9	17.5	26.5	47.9	69.6
10°	0.0	4.0	4.5	4.5	4.5	6.8	10.7	18.8	29.4	52.0	73.8
7.5°	0.0	4.2	4.5	4.5	4.5	7.4	11.5	19.9	32.4	55.6	77.5
5°	0.0	4.3	4.5	4.5	4.5	7.9	12.3	20.9	35.3	58.6	80.7
2.5°	0.0	4.4	4.5	4.5	4.5	8.5	13.0	21.8	38.1	61.1	83.5
0°	0.0	4.5	4.5	4.5	4.5	9.0	13.6	22.6	40.7	63.2	85.8
-2.5°	0.0	4.5	4.5	4.5	4.9	9.5	14.8	24.0	43.0	64.9	88.7
-5°	0.0	4.5	4.5	4.5	5.3	9.9	15.9	25.2	45.0	66.2	91.1
-7.5°	0.0	4.5	4.5	4.5	5.6	10.3	16.9	26.3	46.6	67.2	92.9
-10°	0.0	4.4	4.5	4.5	6.0	10.7	17.7	27.3	47.8	68.0	94.1
-12.5°	0.0	4.4	4.5	4.5	6.3	11.0	18.5	28.1	48.5	68.6	95.8
-15°	0.0	4.3	4.5	4.5	6.5	11.2	19.0	28.8	48.7	70.0	97.4
-17.5°	0.0	4.3	4.5	4.5	6.7	11.4	19.4	29.5	48.3	70.7	98.2
-20°	0.0	4.2	4.5	4.5	6.8	11.6	19.7	30.1	47.6	70.7	98.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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	4.2	4.5	4.5	6.9	11.7	19.9	30.5	46.5	69.9	96.9
-25°	0.0	4.1	4.5	4.5	6.9	12.0	20.1	30.6	45.1	68.2	94.8
-27.5°	0.0	4.0	4.5	4.5	6.8	12.3	20.1	30.5	43.3	66.0	92.7
-30°	0.0	3.9	4.5	4.5	6.6	12.5	20.0	30.2	42.4	63.5	89.6
-32.5°	0.0	3.8	4.5	4.5	6.6	12.6	19.7	29.8	41.9	60.7	85.4
-35°	0.0	3.7	4.5	4.5	6.5	12.5	19.7	29.4	41.0	57.5	80.0
-37.5°	0.0	3.6	4.5	4.5	6.4	12.4	19.6	28.9	39.8	53.9	76.9
-40°	0.0	3.4	4.5	4.5	6.1	12.2	19.3	28.2	38.3	51.6	74.0
-42.5°	0.0	3.3	4.5	4.5	6.1	11.8	18.9	27.4	37.1	50.5	70.5
-45°	0.0	3.2	4.5	4.7	6.2	11.3	18.3	26.5	36.0	49.0	66.7
-47.5°	0.0	3.0	4.5	4.8	6.4	10.7	17.6	25.6	34.8	46.9	64.1
-50°	0.0	2.9	4.5	4.8	6.4	10.0	16.7	24.5	33.4	45.1	60.8
-52.5°	0.0	2.7	4.5	4.9	6.4	9.2	15.7	23.2	31.8	42.6	56.9
-55°	0.0	2.6	4.5	4.9	6.4	9.0	14.5	21.7	29.9	39.4	52.7
-57.5°	0.0	2.4	4.5	4.9	6.3	8.7	13.1	19.9	27.7	36.5	47.8
-60°	0.0	2.2	4.5	4.8	6.1	8.5	11.7	18.0	25.3	33.6	42.8
-62.5°	0.0	2.1	4.2	4.8	6.0	8.1	11.1	15.9	22.7	30.4	38.9
-65°	0.0	1.9	3.8	4.7	5.8	7.7	10.4	14.1	19.9	26.9	34.7
-67.5°	0.0	1.7	3.4	4.6	5.5	7.2	9.6	12.9	16.9	23.2	30.3
-70°	0.0	1.5	3.1	4.5	5.2	6.6	8.7	11.6	15.1	19.3	25.6
-72.5°	0.0	1.4	2.7	4.0	4.9	6.0	7.8	10.2	13.2	16.8	21.0
-75°	0.0	1.2	2.3	3.5	4.6	5.4	6.8	8.9	11.2	14.2	17.7
-77.5°	0.0	1.0	1.9	2.9	3.9	4.7	5.7	7.7	9.7	11.8	14.2
-80°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	6.4	8.3	10.1	12.0
-82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	5.0	6.8	8.5	10.1
-85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	3.4	4.6	6.0	7.6
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.7	2.3	3.0	3.8
-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: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-735-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	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.3	1.5	0.9	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.2	2.9	2.2	1.2	0.1	1.1	1.5	1.2	0.1	0.0	0.0
62.5°	4.2	3.5	2.5	1.9	2.5	3.4	2.7	1.5	0.4	2.2	3.1
60°	4.5	3.8	3.2	3.6	4.6	4.0	3.0	4.4	6.6	8.3	10.1
57.5°	4.5	4.2	4.1	4.9	5.1	5.1	7.9	10.6	15.0	18.6	21.1
55°	4.6	4.5	5.1	6.1	7.6	10.8	14.8	20.8	25.7	33.1	39.4
52.5°	5.1	5.1	6.8	9.2	13.7	18.7	25.7	34.2	43.9	51.1	58.8
50°	5.8	7.5	9.6	15.5	21.6	29.4	40.9	53.3	61.5	69.7	80.7
47.5°	8.0	10.2	15.9	22.7	31.4	43.9	59.7	68.7	76.8	89.6	103.3
45°	10.8	15.4	22.3	31.7	43.8	61.2	73.7	81.1	95.0	109.9	125.5
42.5°	13.8	21.2	30.7	40.6	59.6	76.2	87.5	99.1	113.2	130.5	147.5
40°	18.8	27.0	39.9	55.4	74.7	90.9	105.1	118.4	132.2	154.9	173.0
37.5°	23.8	35.7	50.3	69.6	89.7	107.4	123.2	139.9	159.7	185.3	201.5
35°	28.7	44.8	62.6	83.1	104.5	124.5	143.5	163.1	188.7	213.0	232.3
32.5°	35.5	54.1	74.1	96.3	118.3	140.9	164.0	187.5	212.7	237.5	262.8
30°	44.1	64.0	85.1	108.9	131.0	157.2	183.9	208.8	234.2	260.3	289.0
27.5°	52.7	73.2	96.1	120.1	143.3	173.2	202.1	228.0	254.0	282.1	314.8
25°	60.7	82.6	106.4	130.1	157.3	189.4	221.0	251.0	273.1	305.0	343.3
22.5°	68.4	91.7	117.3	139.1	170.9	205.8	242.6	274.8	300.9	329.5	372.9
20°	76.0	101.1	127.5	151.9	184.5	222.1	265.6	298.9	331.3	368.1	412.4
17.5°	83.2	109.8	137.6	166.6	201.0	239.8	289.3	323.2	361.9	406.0	461.7
15°	90.1	117.9	147.7	180.2	215.8	257.7	305.4	347.7	393.9	444.8	510.7
12.5°	96.4	125.3	157.7	192.9	228.9	273.0	318.8	363.8	417.1	483.6	566.6
10°	102.3	132.0	167.3	204.5	240.2	285.9	330.7	377.5	433.7	506.8	601.8
7.5°	107.2	138.8	176.5	214.9	250.0	296.6	340.9	388.8	447.6	525.9	625.5
5°	111.3	145.9	185.0	221.7	258.2	305.8	349.5	397.7	458.7	540.9	642.4
2.5°	114.7	152.4	192.5	226.7	265.2	314.1	356.4	407.7	469.9	552.6	658.2
0°	117.4	158.1	198.8	230.4	271.0	320.7	361.4	415.6	478.8	560.1	673.0
-2.5°	122.9	162.8	202.6	234.6	277.2	321.8	364.7	416.7	482.1	566.0	675.8
-5°	127.5	166.6	205.3	237.9	281.9	321.7	366.0	415.8	483.3	569.4	680.7
-7.5°	131.0	169.5	207.1	240.4	284.4	323.1	368.1	419.0	486.8	572.4	687.1
-10°	133.3	171.6	208.6	243.7	285.0	324.7	368.9	419.7	486.2	570.5	683.6
-12.5°	134.5	172.9	209.3	245.4	284.9	324.6	367.8	417.7	481.3	563.3	669.7
-15°	134.9	173.3	209.2	245.6	284.2	322.6	364.9	413.0	472.3	551.2	647.7
-17.5°	134.5	173.1	208.4	244.1	283.2	318.9	360.4	406.6	463.2	537.0	629.9
-20°	133.4	172.1	206.8	240.9	281.7	315.5	355.9	400.5	453.8	520.6	603.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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°	131.5	170.5	204.5	237.6	276.7	312.3	350.1	392.6	440.4	500.8	574.6
-25°	129.3	167.3	201.7	235.0	271.0	307.4	342.6	383.1	427.0	485.1	551.5
-27.5°	126.4	163.4	197.8	231.5	264.9	300.8	335.2	373.4	416.9	468.1	527.5
-30°	122.2	157.9	192.3	226.7	259.6	293.3	326.6	363.0	403.9	452.3	507.1
-32.5°	117.0	151.8	185.4	219.5	253.7	285.9	317.2	352.1	390.6	433.0	485.1
-35°	111.6	145.2	177.9	210.4	246.5	277.5	307.7	339.7	375.5	414.9	457.4
-37.5°	106.6	138.1	170.0	200.6	234.9	267.2	296.5	327.0	360.0	396.2	434.8
-40°	101.2	130.5	161.7	191.5	221.5	254.5	283.8	313.2	343.7	379.9	414.3
-42.5°	95.6	124.1	153.0	182.2	210.8	240.3	269.6	297.8	330.0	364.3	397.9
-45°	90.9	117.4	144.2	172.6	200.8	227.4	254.9	281.3	314.0	348.3	381.2
-47.5°	85.5	110.5	136.5	162.2	189.9	216.5	241.2	267.9	295.7	328.1	362.6
-50°	79.8	103.5	127.5	151.7	178.0	204.6	229.6	254.2	280.5	307.1	336.9
-52.5°	75.0	95.7	117.9	140.2	165.0	191.0	216.3	240.9	265.1	290.1	315.5
-55°	69.3	88.2	107.9	128.7	150.5	175.3	200.4	224.5	249.2	272.5	297.4
-57.5°	62.9	80.0	97.8	117.4	137.2	157.6	181.9	205.9	229.0	252.7	278.4
-60°	55.7	71.0	87.2	105.2	124.5	143.2	162.9	185.1	207.5	229.9	253.6
-62.5°	48.3	61.5	76.2	91.9	109.6	128.0	146.0	164.9	185.0	204.5	225.1
-65°	43.3	52.7	65.0	78.9	93.5	109.9	127.0	144.4	162.1	178.6	194.5
-67.5°	38.0	46.5	55.5	65.9	79.1	92.9	106.5	122.1	138.0	153.3	168.1
-70°	32.4	39.9	48.0	56.6	66.0	77.3	90.0	102.5	114.7	127.5	141.2
-72.5°	26.6	33.1	40.0	47.5	55.5	64.5	74.3	84.9	95.8	106.3	117.0
-75°	21.8	26.1	31.8	38.1	45.0	52.1	59.2	67.6	76.8	86.0	95.1
-77.5°	18.0	21.9	25.8	29.7	34.6	41.1	47.4	53.7	60.1	67.0	74.5
-80°	14.6	17.7	21.3	24.8	28.2	32.1	36.5	41.4	46.0	50.6	55.7
-82.5°	12.2	14.5	17.1	19.9	21.8	23.9	26.2	29.1	32.1	35.2	38.4
-85°	9.3	11.2	13.0	14.9	15.8	16.8	17.9	19.2	21.1	23.0	24.8
-87.5°	4.7	5.6	6.7	7.8	8.3	8.7	9.2	9.6	10.8	12.1	13.5
-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: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-735-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	0.8	1.1	1.0	0.4	0.0	0.0
62.5°	2.6	2.2	3.5	4.7	5.1	5.0	4.6	4.1	3.5	3.2	3.7
60°	10.8	10.6	14.8	16.8	15.3	10.8	17.0	20.1	19.3	16.5	16.5
57.5°	26.5	32.2	36.3	38.1	44.1	53.8	55.6	52.5	51.3	52.4	60.5
55°	46.0	50.6	52.9	61.1	68.4	73.7	76.8	79.9	84.6	90.2	96.1
52.5°	65.0	71.3	76.1	83.5	92.2	95.2	94.4	105.6	114.3	119.9	122.2
50°	89.2	97.1	108.4	119.9	124.8	129.7	134.8	144.0	157.4	174.0	183.6
47.5°	115.4	127.8	139.6	152.7	159.3	164.5	172.2	188.2	207.2	225.1	234.4
45°	138.9	150.0	163.5	174.8	183.0	193.0	204.1	218.5	239.8	258.6	271.5
42.5°	157.8	170.3	184.2	197.9	206.2	219.7	236.5	256.2	278.5	298.0	312.3
40°	184.3	194.9	217.0	230.0	233.3	245.9	279.7	306.5	331.7	355.7	367.6
37.5°	216.3	236.9	259.9	271.8	283.4	305.5	350.8	394.1	426.3	458.7	476.5
35°	252.7	279.8	311.1	325.1	350.0	398.4	451.5	511.8	586.9	618.4	647.0
32.5°	288.1	318.4	347.2	378.6	422.2	480.0	539.8	637.7	729.1	799.8	851.5
30°	319.4	351.6	387.4	427.7	489.2	568.8	668.8	795.4	924.2	1036.6	1131.7
27.5°	350.4	387.0	429.5	489.7	576.2	684.4	844.0	1024.6	1239.6	1398.0	1587.1
25°	384.4	426.2	480.8	568.0	684.8	846.6	1101.7	1395.0	1747.5	2033.3	2332.4
22.5°	424.6	486.3	555.5	652.8	856.8	1123.3	1471.9	1973.1	2515.4	3016.7	3499.5
20°	473.1	557.5	668.6	847.8	1109.7	1503.7	2109.3	2909.2	3706.6	4555.9	5373.5
17.5°	542.4	664.0	836.7	1091.8	1436.9	2216.3	3198.8	4436.0	6025.5	7465.9	8723.6
15°	607.5	752.7	1025.4	1406.7	2008.7	3041.6	4534.0	6576.0	9053.1	11310.8	13695.3
12.5°	675.8	847.2	1160.4	1645.9	2482.4	3827.1	5924.3	8722.3	11824.1	15226.6	19102.2
10°	729.8	938.0	1313.0	1928.5	2959.7	4634.3	7132.3	10525.6	14647.5	19682.9	25878.4
7.5°	766.3	1010.8	1439.1	2135.4	3399.1	5459.7	8466.9	12545.5	17698.6	24369.5	33038.5
5°	794.8	1066.3	1533.9	2324.0	3770.7	6089.8	9455.6	14314.3	20410.1	29347.9	44039.4
2.5°	817.7	1108.8	1592.5	2453.9	4004.0	6528.5	10119.0	15315.0	22024.2	33028.7	52088.9
0°	835.7	1147.3	1630.7	2534.1	4182.8	6572.4	10326.1	15498.2	22603.5	33693.0	53821.2
-2.5°	843.3	1167.9	1643.8	2551.6	4164.9	6647.7	10389.3	15644.4	22581.8	33329.0	51886.4
-5°	856.0	1167.6	1633.9	2533.7	4071.6	6453.0	9976.7	14825.9	21219.5	30462.5	45666.3
-7.5°	865.1	1149.0	1586.6	2418.9	3827.1	6032.0	9251.7	13469.7	18739.9	25758.0	35174.1
-10°	856.8	1113.3	1507.7	2226.3	3447.1	5356.6	8149.3	11679.3	16059.4	21260.3	27657.9
-12.5°	824.5	1047.3	1379.1	1956.5	2954.9	4600.0	7040.0	10045.6	13287.5	16940.2	21361.0
-15°	783.7	976.1	1263.1	1771.5	2590.0	3850.1	5631.6	8069.8	10670.4	13443.7	16401.1
-17.5°	752.0	913.7	1151.3	1519.4	2121.4	3123.3	4523.2	6255.4	8166.5	10277.9	12030.4
-20°	709.0	836.8	1036.3	1336.9	1796.2	2460.0	3479.6	4738.0	5999.1	7483.6	8694.2



REPORT NUMBER: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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°	666.0	777.3	929.1	1149.1	1490.8	1992.4	2622.3	3462.5	4384.7	5236.8	6075.6
-25°	626.1	711.7	834.5	1015.0	1246.9	1589.1	2037.4	2519.4	3127.3	3646.1	4221.7
-27.5°	593.7	667.3	757.9	890.2	1070.1	1290.3	1611.3	1934.3	2254.0	2515.7	2912.1
-30°	562.5	621.8	697.5	791.9	926.7	1096.4	1304.7	1514.2	1698.7	1867.0	2073.4
-32.5°	531.8	580.0	638.1	716.4	813.2	940.8	1068.9	1219.0	1347.2	1465.6	1575.1
-35°	501.1	544.0	588.2	654.3	731.5	822.1	915.2	1016.9	1105.7	1185.4	1255.9
-37.5°	473.3	511.0	552.7	601.8	664.0	732.2	808.3	882.2	940.8	992.5	1035.3
-40°	449.9	484.2	519.8	559.2	606.5	660.3	724.9	786.5	827.6	859.2	885.1
-42.5°	429.0	459.2	489.5	522.9	559.3	605.9	656.8	707.7	735.5	760.0	778.8
-45°	412.2	435.4	460.9	489.4	521.6	560.6	600.7	635.9	660.6	681.7	697.3
-47.5°	390.0	412.3	434.4	458.0	488.0	520.5	553.7	580.7	602.3	620.6	632.6
-50°	365.6	389.1	409.3	430.0	457.6	485.2	511.9	534.2	554.9	572.8	582.2
-52.5°	340.3	365.5	386.7	407.0	430.1	454.1	478.2	497.3	515.4	532.3	539.5
-55°	322.1	345.3	367.3	386.2	405.3	424.6	444.3	464.1	481.9	497.9	502.7
-57.5°	302.4	326.0	347.7	364.8	382.0	399.4	417.4	435.3	452.5	467.9	471.8
-60°	278.4	304.0	323.3	339.4	356.1	373.3	388.9	404.9	420.9	434.4	438.7
-62.5°	247.8	271.2	290.2	307.2	323.4	338.3	353.6	368.4	382.9	393.5	397.0
-65°	211.2	231.1	250.7	268.5	284.4	298.8	312.9	326.5	339.6	349.0	353.6
-67.5°	182.4	196.7	212.5	227.7	243.8	258.6	271.3	283.2	294.5	302.4	307.3
-70°	154.6	168.2	183.0	197.5	211.5	223.5	233.6	243.5	253.0	260.0	265.3
-72.5°	127.9	139.4	151.8	164.6	177.4	188.3	197.6	206.4	214.6	220.7	225.5
-75°	103.9	113.4	123.8	134.2	144.5	153.1	160.9	168.5	175.8	181.1	185.6
-77.5°	82.4	90.5	98.6	106.8	114.9	121.2	126.9	132.4	137.8	142.0	145.9
-80°	61.1	67.4	73.9	80.4	86.9	91.7	96.0	100.0	103.9	106.3	108.5
-82.5°	41.7	46.1	50.7	55.3	59.9	63.4	66.8	70.2	73.4	74.6	75.5
-85°	26.7	28.9	31.2	33.8	36.4	38.3	40.2	41.9	43.6	45.2	46.7
-87.5°	14.8	15.3	15.7	16.1	16.4	17.8	19.1	20.5	21.8	22.1	22.3
-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: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-735-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	0.4	1.0
62.5°	4.0	4.3	4.4	4.5	4.4	4.3	4.0	3.7	3.2	3.5	4.1
60°	15.5	13.8	13.5	13.6	13.5	13.8	15.5	16.5	16.5	19.3	20.1
57.5°	68.7	76.4	78.6	76.8	78.6	76.4	68.7	60.5	52.4	51.3	52.5
55°	100.0	102.4	103.5	103.9	103.5	102.4	100.0	96.1	90.2	84.6	79.9
52.5°	122.7	121.9	121.7	122.0	121.7	121.9	122.7	122.2	119.9	114.3	105.6
50°	184.3	180.9	179.6	180.7	179.6	180.9	184.3	183.6	174.0	157.4	144.0
47.5°	235.6	236.6	238.2	239.4	238.2	236.6	235.6	234.4	225.1	207.2	188.2
45°	275.1	277.6	279.2	280.1	279.2	277.6	275.1	271.5	258.6	239.8	218.5
42.5°	315.5	315.8	315.3	316.2	315.3	315.8	315.5	312.3	298.0	278.5	256.2
40°	372.5	373.7	372.4	370.4	372.4	373.7	372.5	367.6	355.7	331.7	306.5
37.5°	486.8	488.4	483.0	478.8	483.0	488.4	486.8	476.5	458.7	426.3	394.1
35°	673.2	692.5	701.7	704.7	701.7	692.5	673.2	647.0	618.4	586.9	511.8
32.5°	887.2	914.1	927.6	939.6	927.6	914.1	887.2	851.5	799.8	729.1	637.7
30°	1194.0	1243.6	1265.4	1296.4	1265.4	1243.6	1194.0	1131.7	1036.6	924.2	795.4
27.5°	1694.5	1781.6	1829.8	1874.6	1829.8	1781.6	1694.5	1587.1	1398.0	1239.6	1024.6
25°	2549.8	2717.6	2826.2	2877.4	2826.2	2717.6	2549.8	2332.4	2033.3	1747.5	1395.0
22.5°	3966.6	4275.9	4514.5	4562.3	4514.5	4275.9	3966.6	3499.5	3016.7	2515.4	1973.1
20°	6166.7	6609.3	6969.3	7150.6	6969.3	6609.3	6166.7	5373.5	4555.9	3706.6	2909.2
17.5°	10221.5	11142.0	11562.4	11631.5	11562.4	11142.0	10221.5	8723.6	7465.9	6025.5	4436.0
15°	16253.7	17811.4	18800.3	19437.1	18800.3	17811.4	16253.7	13695.3	11310.8	9053.1	6576.0
12.5°	23136.4	27562.7	30081.3	31041.5	30081.3	27562.7	23136.4	19102.2	15226.6	11824.1	8722.3
10°	32477.8	42897.7	48908.4	51933.0	48908.4	42897.7	32477.8	25878.4	19682.9	14647.5	10525.6
7.5°	48332.3	64426.1	82257.3	90506.8	82257.3	64426.1	48332.3	33038.5	24369.5	17698.6	12545.5
5°	64999.3	100334.6	131348.7	146200.3	131348.7	100334.6	64999.3	44039.4	29347.9	20410.1	14314.3
2.5°	84155.2	131808.2	175867.3	194393.2	175867.3	131808.2	84155.2	52088.9	33028.7	22024.2	15315.0
0°	91527.7	147035.9	195222.0	213405.6	195222.0	147035.9	91527.7	53821.2	33693.0	22603.5	15498.2
-2.5°	85294.9	134116.9	176624.3	197401.5	176624.3	134116.9	85294.9	51886.4	33329.0	22581.8	15644.4
-5°	67771.2	100887.5	132368.4	149299.0	132368.4	100887.5	67771.2	45666.3	30462.5	21219.5	14825.9
-7.5°	49739.8	67768.0	85251.4	91365.0	85251.4	67768.0	49739.8	35174.1	25758.0	18739.9	13469.7
-10°	34629.9	44953.4	51768.1	53712.8	51768.1	44953.4	34629.9	27657.9	21260.3	16059.4	11679.3
-12.5°	25674.5	30190.1	33331.9	33878.2	33331.9	30190.1	25674.5	21361.0	16940.2	13287.5	10045.6
-15°	19011.4	21307.6	22928.1	23037.2	22928.1	21307.6	19011.4	16401.1	13443.7	10670.4	8069.8
-17.5°	13897.4	15438.8	16256.6	16198.3	16256.6	15438.8	13897.4	12030.4	10277.9	8166.5	6255.4
-20°	9937.4	10866.5	11525.5	11396.6	11525.5	10866.5	9937.4	8694.2	7483.6	5999.1	4738.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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°	6929.1	7545.9	7932.0	7832.6	7932.0	7545.9	6929.1	6075.6	5236.8	4384.7	3462.5
-25°	4708.2	5044.3	5235.5	5203.7	5235.5	5044.3	4708.2	4221.7	3646.1	3127.3	2519.4
-27.5°	3208.4	3385.9	3445.2	3442.0	3445.2	3385.9	3208.4	2912.1	2515.7	2254.0	1934.3
-30°	2226.9	2346.2	2414.4	2371.5	2414.4	2346.2	2226.9	2073.4	1867.0	1698.7	1514.2
-32.5°	1659.7	1727.0	1766.0	1725.5	1766.0	1727.0	1659.7	1575.1	1465.6	1347.2	1219.0
-35°	1308.0	1342.0	1355.8	1332.5	1355.8	1342.0	1308.0	1255.9	1185.4	1105.7	1016.9
-37.5°	1066.4	1086.4	1093.2	1079.6	1093.2	1086.4	1066.4	1035.3	992.5	940.8	882.2
-40°	903.6	915.8	918.8	907.9	918.8	915.8	903.6	885.1	859.2	827.6	786.5
-42.5°	790.6	797.9	799.6	795.0	799.6	797.9	790.6	778.8	760.0	735.5	707.7
-45°	706.6	712.8	714.0	709.2	714.0	712.8	706.6	697.3	681.7	660.6	635.9
-47.5°	638.6	642.4	643.4	641.4	643.4	642.4	638.6	632.6	620.6	602.3	580.7
-50°	586.5	589.1	589.3	587.2	589.3	589.1	586.5	582.2	572.8	554.9	534.2
-52.5°	542.9	544.7	546.0	546.6	546.0	544.7	542.9	539.5	532.3	515.4	497.3
-55°	506.1	508.5	509.9	510.4	509.9	508.5	506.1	502.7	497.9	481.9	464.1
-57.5°	474.9	477.0	478.4	478.8	478.4	477.0	474.9	471.8	467.9	452.5	435.3
-60°	442.3	444.9	446.6	447.2	446.6	444.9	442.3	438.7	434.4	420.9	404.9
-62.5°	399.3	400.4	401.5	402.0	401.5	400.4	399.3	397.0	393.5	382.9	368.4
-65°	357.1	359.6	361.0	361.4	361.0	359.6	357.1	353.6	349.0	339.6	326.5
-67.5°	311.4	314.5	317.9	320.7	317.9	314.5	311.4	307.3	302.4	294.5	283.2
-70°	269.9	273.9	275.2	275.5	275.2	273.9	269.9	265.3	260.0	253.0	243.5
-72.5°	229.8	233.6	236.7	239.4	236.7	233.6	229.8	225.5	220.7	214.6	206.4
-75°	189.6	193.1	194.0	194.2	194.0	193.1	189.6	185.6	181.1	175.8	168.5
-77.5°	149.4	152.7	153.4	153.6	153.4	152.7	149.4	145.9	142.0	137.8	132.4
-80°	110.5	112.3	115.0	117.4	115.0	112.3	110.5	108.5	106.3	103.9	100.0
-82.5°	76.1	76.5	76.7	76.8	76.7	76.5	76.1	75.5	74.6	73.4	70.2
-85°	48.1	49.5	49.6	49.7	49.6	49.5	48.1	46.7	45.2	43.6	41.9
-87.5°	22.4	22.5	22.6	22.6	22.6	22.5	22.4	22.3	22.1	21.8	20.5
-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: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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	0.3
65°	1.1	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	1.2
62.5°	4.6	5.0	5.1	4.7	3.5	2.2	2.6	3.1	2.2	0.4	1.5
60°	17.0	10.8	15.3	16.8	14.8	10.6	10.8	10.1	8.3	6.6	4.4
57.5°	55.6	53.8	44.1	38.1	36.3	32.2	26.5	21.1	18.6	15.0	10.6
55°	76.8	73.7	68.4	61.1	52.9	50.6	46.0	39.4	33.1	25.7	20.8
52.5°	94.4	95.2	92.2	83.5	76.1	71.3	65.0	58.8	51.1	43.9	34.2
50°	134.8	129.7	124.8	119.9	108.4	97.1	89.2	80.7	69.7	61.5	53.3
47.5°	172.2	164.5	159.3	152.7	139.6	127.8	115.4	103.3	89.6	76.8	68.7
45°	204.1	193.0	183.0	174.8	163.5	150.0	138.9	125.5	109.9	95.0	81.1
42.5°	236.5	219.7	206.2	197.9	184.2	170.3	157.8	147.5	130.5	113.2	99.1
40°	279.7	245.9	233.3	230.0	217.0	194.9	184.3	173.0	154.9	132.2	118.4
37.5°	350.8	305.5	283.4	271.8	259.9	236.9	216.3	201.5	185.3	159.7	139.9
35°	451.5	398.4	350.0	325.1	311.1	279.8	252.7	232.3	213.0	188.7	163.1
32.5°	539.8	480.0	422.2	378.6	347.2	318.4	288.1	262.8	237.5	212.7	187.5
30°	668.8	568.8	489.2	427.7	387.4	351.6	319.4	289.0	260.3	234.2	208.8
27.5°	844.0	684.4	576.2	489.7	429.5	387.0	350.4	314.8	282.1	254.0	228.0
25°	1101.7	846.6	684.8	568.0	480.8	426.2	384.4	343.3	305.0	273.1	251.0
22.5°	1471.9	1123.3	856.8	652.8	555.5	486.3	424.6	372.9	329.5	300.9	274.8
20°	2109.3	1503.7	1109.7	847.8	668.6	557.5	473.1	412.4	368.1	331.3	298.9
17.5°	3198.8	2216.3	1436.9	1091.8	836.7	664.0	542.4	461.7	406.0	361.9	323.2
15°	4534.0	3041.6	2008.7	1406.7	1025.4	752.7	607.5	510.7	444.8	393.9	347.7
12.5°	5924.3	3827.1	2482.4	1645.9	1160.4	847.2	675.8	566.6	483.6	417.1	363.8
10°	7132.3	4634.3	2959.7	1928.5	1313.0	938.0	729.8	601.8	506.8	433.7	377.5
7.5°	8466.9	5459.7	3399.1	2135.4	1439.1	1010.8	766.3	625.5	525.9	447.6	388.8
5°	9455.6	6089.8	3770.7	2324.0	1533.9	1066.3	794.8	642.4	540.9	458.7	397.7
2.5°	10119.0	6528.5	4004.0	2453.9	1592.5	1108.8	817.7	658.2	552.6	469.9	407.7
0°	10326.1	6572.4	4182.8	2534.1	1630.7	1147.3	835.7	673.0	560.1	478.8	415.6
-2.5°	10389.3	6647.7	4164.9	2551.6	1643.8	1167.9	843.3	675.8	566.0	482.1	416.7
-5°	9976.7	6453.0	4071.6	2533.7	1633.9	1167.6	856.0	680.7	569.4	483.3	415.8
-7.5°	9251.7	6032.0	3827.1	2418.9	1586.6	1149.0	865.1	687.1	572.4	486.8	419.0
-10°	8149.3	5356.6	3447.1	2226.3	1507.7	1113.3	856.8	683.6	570.5	486.2	419.7
-12.5°	7040.0	4600.0	2954.9	1956.5	1379.1	1047.3	824.5	669.7	563.3	481.3	417.7
-15°	5631.6	3850.1	2590.0	1771.5	1263.1	976.1	783.7	647.7	551.2	472.3	413.0
-17.5°	4523.2	3123.3	2121.4	1519.4	1151.3	913.7	752.0	629.9	537.0	463.2	406.6
-20°	3479.6	2460.0	1796.2	1336.9	1036.3	836.8	709.0	603.8	520.6	453.8	400.5



Classified

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

Scaled Data Report



REPORT NUMBER: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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°	2622.3	1992.4	1490.8	1149.1	929.1	777.3	666.0	574.6	500.8	440.4	392.6
-25°	2037.4	1589.1	1246.9	1015.0	834.5	711.7	626.1	551.5	485.1	427.0	383.1
-27.5°	1611.3	1290.3	1070.1	890.2	757.9	667.3	593.7	527.5	468.1	416.9	373.4
-30°	1304.7	1096.4	926.7	791.9	697.5	621.8	562.5	507.1	452.3	403.9	363.0
-32.5°	1068.9	940.8	813.2	716.4	638.1	580.0	531.8	485.1	433.0	390.6	352.1
-35°	915.2	822.1	731.5	654.3	588.2	544.0	501.1	457.4	414.9	375.5	339.7
-37.5°	808.3	732.2	664.0	601.8	552.7	511.0	473.3	434.8	396.2	360.0	327.0
-40°	724.9	660.3	606.5	559.2	519.8	484.2	449.9	414.3	379.9	343.7	313.2
-42.5°	656.8	605.9	559.3	522.9	489.5	459.2	429.0	397.9	364.3	330.0	297.8
-45°	600.7	560.6	521.6	489.4	460.9	435.4	412.2	381.2	348.3	314.0	281.3
-47.5°	553.7	520.5	488.0	458.0	434.4	412.3	390.0	362.6	328.1	295.7	267.9
-50°	511.9	485.2	457.6	430.0	409.3	389.1	365.6	336.9	307.1	280.5	254.2
-52.5°	478.2	454.1	430.1	407.0	386.7	365.5	340.3	315.5	290.1	265.1	240.9
-55°	444.3	424.6	405.3	386.2	367.3	345.3	322.1	297.4	272.5	249.2	224.5
-57.5°	417.4	399.4	382.0	364.8	347.7	326.0	302.4	278.4	252.7	229.0	205.9
-60°	388.9	373.3	356.1	339.4	323.3	304.0	278.4	253.6	229.9	207.5	185.1
-62.5°	353.6	338.3	323.4	307.2	290.2	271.2	247.8	225.1	204.5	185.0	164.9
-65°	312.9	298.8	284.4	268.5	250.7	231.1	211.2	194.5	178.6	162.1	144.4
-67.5°	271.3	258.6	243.8	227.7	212.5	196.7	182.4	168.1	153.3	138.0	122.1
-70°	233.6	223.5	211.5	197.5	183.0	168.2	154.6	141.2	127.5	114.7	102.5
-72.5°	197.6	188.3	177.4	164.6	151.8	139.4	127.9	117.0	106.3	95.8	84.9
-75°	160.9	153.1	144.5	134.2	123.8	113.4	103.9	95.1	86.0	76.8	67.6
-77.5°	126.9	121.2	114.9	106.8	98.6	90.5	82.4	74.5	67.0	60.1	53.7
-80°	96.0	91.7	86.9	80.4	73.9	67.4	61.1	55.7	50.6	46.0	41.4
-82.5°	66.8	63.4	59.9	55.3	50.7	46.1	41.7	38.4	35.2	32.1	29.1
-85°	40.2	38.3	36.4	33.8	31.2	28.9	26.7	24.8	23.0	21.1	19.2
-87.5°	19.1	17.8	16.4	16.1	15.7	15.3	14.8	13.5	12.1	10.8	9.6
-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: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-735-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	0.2	0.4	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.0	0.3
70°	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.6	1.7	1.9	1.4
67.5°	0.0	0.0	0.0	0.9	1.5	1.3	0.3	0.8	1.8	2.9	2.5
65°	1.5	1.1	0.1	1.2	2.2	2.9	2.2	1.4	2.0	3.0	3.7
62.5°	2.7	3.4	2.5	1.9	2.5	3.5	4.2	2.8	2.3	3.2	4.2
60°	3.0	4.0	4.6	3.6	3.2	3.8	4.5	4.1	3.2	3.4	4.4
57.5°	7.9	5.1	5.1	4.9	4.1	4.2	4.5	4.5	4.0	3.8	4.5
55°	14.8	10.8	7.6	6.1	5.1	4.5	4.6	4.5	4.5	4.2	4.5
52.5°	25.7	18.7	13.7	9.2	6.8	5.1	5.1	4.5	4.5	4.4	4.5
50°	40.9	29.4	21.6	15.5	9.6	7.5	5.8	5.2	4.5	4.5	4.5
47.5°	59.7	43.9	31.4	22.7	15.9	10.2	8.0	6.2	4.5	4.5	4.5
45°	73.7	61.2	43.8	31.7	22.3	15.4	10.8	7.4	5.6	4.7	4.5
42.5°	87.5	76.2	59.6	40.6	30.7	21.2	13.8	10.0	6.8	4.9	4.7
40°	105.1	90.9	74.7	55.4	39.9	27.0	18.8	12.9	8.3	5.7	5.0
37.5°	123.2	107.4	89.7	69.6	50.3	35.7	23.8	15.9	10.4	7.3	5.5
35°	143.5	124.5	104.5	83.1	62.6	44.8	28.7	19.5	13.3	9.0	6.0
32.5°	164.0	140.9	118.3	96.3	74.1	54.1	35.5	24.1	16.1	10.7	6.6
30°	183.9	157.2	131.0	108.9	85.1	64.0	44.1	29.2	18.7	12.5	7.5
27.5°	202.1	173.2	143.3	120.1	96.1	73.2	52.7	34.7	21.3	14.5	8.9
25°	221.0	189.4	157.3	130.1	106.4	82.6	60.7	40.5	25.1	16.7	10.4
22.5°	242.6	205.8	170.9	139.1	117.3	91.7	68.4	47.4	29.6	18.8	11.9
20°	265.6	222.1	184.5	151.9	127.5	101.1	76.0	53.8	34.2	20.7	13.3
17.5°	289.3	239.8	201.0	166.6	137.6	109.8	83.2	59.6	38.8	22.5	14.7
15°	305.4	257.7	215.8	180.2	147.7	117.9	90.1	64.9	43.4	24.2	16.2
12.5°	318.8	273.0	228.9	192.9	157.7	125.3	96.4	69.6	47.9	26.5	17.5
10°	330.7	285.9	240.2	204.5	167.3	132.0	102.3	73.8	52.0	29.4	18.8
7.5°	340.9	296.6	250.0	214.9	176.5	138.8	107.2	77.5	55.6	32.4	19.9
5°	349.5	305.8	258.2	221.7	185.0	145.9	111.3	80.7	58.6	35.3	20.9
2.5°	356.4	314.1	265.2	226.7	192.5	152.4	114.7	83.5	61.1	38.1	21.8
0°	361.4	320.7	271.0	230.4	198.8	158.1	117.4	85.8	63.2	40.7	22.6
-2.5°	364.7	321.8	277.2	234.6	202.6	162.8	122.9	88.7	64.9	43.0	24.0
-5°	366.0	321.7	281.9	237.9	205.3	166.6	127.5	91.1	66.2	45.0	25.2
-7.5°	368.1	323.1	284.4	240.4	207.1	169.5	131.0	92.9	67.2	46.6	26.3
-10°	368.9	324.7	285.0	243.7	208.6	171.6	133.3	94.1	68.0	47.8	27.3
-12.5°	367.8	324.6	284.9	245.4	209.3	172.9	134.5	95.8	68.6	48.5	28.1
-15°	364.9	322.6	284.2	245.6	209.2	173.3	134.9	97.4	70.0	48.7	28.8
-17.5°	360.4	318.9	283.2	244.1	208.4	173.1	134.5	98.2	70.7	48.3	29.5
-20°	355.9	315.5	281.7	240.9	206.8	172.1	133.4	98.0	70.7	47.6	30.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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°	350.1	312.3	276.7	237.6	204.5	170.5	131.5	96.9	69.9	46.5	30.5
-25°	342.6	307.4	271.0	235.0	201.7	167.3	129.3	94.8	68.2	45.1	30.6
-27.5°	335.2	300.8	264.9	231.5	197.8	163.4	126.4	92.7	66.0	43.3	30.5
-30°	326.6	293.3	259.6	226.7	192.3	157.9	122.2	89.6	63.5	42.4	30.2
-32.5°	317.2	285.9	253.7	219.5	185.4	151.8	117.0	85.4	60.7	41.9	29.8
-35°	307.7	277.5	246.5	210.4	177.9	145.2	111.6	80.0	57.5	41.0	29.4
-37.5°	296.5	267.2	234.9	200.6	170.0	138.1	106.6	76.9	53.9	39.8	28.9
-40°	283.8	254.5	221.5	191.5	161.7	130.5	101.2	74.0	51.6	38.3	28.2
-42.5°	269.6	240.3	210.8	182.2	153.0	124.1	95.6	70.5	50.5	37.1	27.4
-45°	254.9	227.4	200.8	172.6	144.2	117.4	90.9	66.7	49.0	36.0	26.5
-47.5°	241.2	216.5	189.9	162.2	136.5	110.5	85.5	64.1	46.9	34.8	25.6
-50°	229.6	204.6	178.0	151.7	127.5	103.5	79.8	60.8	45.1	33.4	24.5
-52.5°	216.3	191.0	165.0	140.2	117.9	95.7	75.0	56.9	42.6	31.8	23.2
-55°	200.4	175.3	150.5	128.7	107.9	88.2	69.3	52.7	39.4	29.9	21.7
-57.5°	181.9	157.6	137.2	117.4	97.8	80.0	62.9	47.8	36.5	27.7	19.9
-60°	162.9	143.2	124.5	105.2	87.2	71.0	55.7	42.8	33.6	25.3	18.0
-62.5°	146.0	128.0	109.6	91.9	76.2	61.5	48.3	38.9	30.4	22.7	15.9
-65°	127.0	109.9	93.5	78.9	65.0	52.7	43.3	34.7	26.9	19.9	14.1
-67.5°	106.5	92.9	79.1	65.9	55.5	46.5	38.0	30.3	23.2	16.9	12.9
-70°	90.0	77.3	66.0	56.6	48.0	39.9	32.4	25.6	19.3	15.1	11.6
-72.5°	74.3	64.5	55.5	47.5	40.0	33.1	26.6	21.0	16.8	13.2	10.2
-75°	59.2	52.1	45.0	38.1	31.8	26.1	21.8	17.7	14.2	11.2	8.9
-77.5°	47.4	41.1	34.6	29.7	25.8	21.9	18.0	14.2	11.8	9.7	7.7
-80°	36.5	32.1	28.2	24.8	21.3	17.7	14.6	12.0	10.1	8.3	6.4
-82.5°	26.2	23.9	21.8	19.9	17.1	14.5	12.2	10.1	8.5	6.8	5.0
-85°	17.9	16.8	15.8	14.9	13.0	11.2	9.3	7.6	6.0	4.6	3.4
-87.5°	9.2	8.7	8.3	7.8	6.7	5.6	4.7	3.8	3.0	2.3	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

Classified

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

Scaled Data Report



REPORT NUMBER: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.5	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.6	0.0
72.5°	0.2	0.7	0.5	0.0	0.1	0.7	0.0
70°	0.5	1.0	0.9	0.1	0.2	0.8	0.0
67.5°	1.6	1.4	1.4	0.5	0.3	0.9	0.0
65°	2.6	1.9	1.8	1.0	0.4	1.0	0.0
62.5°	3.5	2.6	2.3	1.4	0.5	1.2	0.0
60°	4.4	3.1	2.8	1.9	0.6	1.3	0.0
57.5°	4.5	3.7	3.2	2.4	1.0	1.4	0.0
55°	4.5	4.1	3.5	2.9	1.4	1.5	0.0
52.5°	4.5	4.5	3.7	3.3	1.7	1.7	0.0
50°	4.5	4.5	4.0	3.8	2.0	1.8	0.0
47.5°	4.5	4.5	4.2	4.3	2.3	1.9	0.0
45°	4.5	4.5	4.3	4.4	2.6	2.1	0.0
42.5°	4.5	4.5	4.5	4.5	2.9	2.2	0.0
40°	4.5	4.5	4.5	4.5	3.1	2.3	0.0
37.5°	4.5	4.5	4.5	4.5	3.4	2.5	0.0
35°	4.5	4.5	4.5	4.5	3.6	2.6	0.0
32.5°	4.6	4.5	4.5	4.5	3.7	2.8	0.0
30°	5.1	4.5	4.5	4.5	3.9	2.9	0.0
27.5°	5.6	4.5	4.5	4.5	4.0	3.1	0.0
25°	6.1	4.5	4.5	4.5	4.1	3.2	0.0
22.5°	6.7	4.6	4.5	4.5	4.2	3.4	0.0
20°	7.3	4.9	4.5	4.5	4.3	3.5	0.0
17.5°	8.1	5.3	4.5	4.5	4.4	3.6	0.0
15°	9.0	5.8	4.5	4.5	4.4	3.8	0.0
12.5°	9.9	6.3	4.5	4.5	4.5	3.9	0.0
10°	10.7	6.8	4.5	4.5	4.5	4.0	0.0
7.5°	11.5	7.4	4.5	4.5	4.5	4.2	0.0
5°	12.3	7.9	4.5	4.5	4.5	4.3	0.0
2.5°	13.0	8.5	4.5	4.5	4.5	4.4	0.0
0°	13.6	9.0	4.5	4.5	4.5	4.5	0.0
-2.5°	14.8	9.5	4.9	4.5	4.5	4.5	0.0
-5°	15.9	9.9	5.3	4.5	4.5	4.5	0.0
-7.5°	16.9	10.3	5.6	4.5	4.5	4.5	0.0
-10°	17.7	10.7	6.0	4.5	4.5	4.4	0.0
-12.5°	18.5	11.0	6.3	4.5	4.5	4.4	0.0
-15°	19.0	11.2	6.5	4.5	4.5	4.3	0.0
-17.5°	19.4	11.4	6.7	4.5	4.5	4.3	0.0
-20°	19.7	11.6	6.8	4.5	4.5	4.2	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627218 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.9	11.7	6.9	4.5	4.5	4.2	0.0
-25°	20.1	12.0	6.9	4.5	4.5	4.1	0.0
-27.5°	20.1	12.3	6.8	4.5	4.5	4.0	0.0
-30°	20.0	12.5	6.6	4.5	4.5	3.9	0.0
-32.5°	19.7	12.6	6.6	4.5	4.5	3.8	0.0
-35°	19.7	12.5	6.5	4.5	4.5	3.7	0.0
-37.5°	19.6	12.4	6.4	4.5	4.5	3.6	0.0
-40°	19.3	12.2	6.1	4.5	4.5	3.4	0.0
-42.5°	18.9	11.8	6.1	4.5	4.5	3.3	0.0
-45°	18.3	11.3	6.2	4.7	4.5	3.2	0.0
-47.5°	17.6	10.7	6.4	4.8	4.5	3.0	0.0
-50°	16.7	10.0	6.4	4.8	4.5	2.9	0.0
-52.5°	15.7	9.2	6.4	4.9	4.5	2.7	0.0
-55°	14.5	9.0	6.4	4.9	4.5	2.6	0.0
-57.5°	13.1	8.7	6.3	4.9	4.5	2.4	0.0
-60°	11.7	8.5	6.1	4.8	4.5	2.2	0.0
-62.5°	11.1	8.1	6.0	4.8	4.2	2.1	0.0
-65°	10.4	7.7	5.8	4.7	3.8	1.9	0.0
-67.5°	9.6	7.2	5.5	4.6	3.4	1.7	0.0
-70°	8.7	6.6	5.2	4.5	3.1	1.5	0.0
-72.5°	7.8	6.0	4.9	4.0	2.7	1.4	0.0
-75°	6.8	5.4	4.6	3.5	2.3	1.2	0.0
-77.5°	5.7	4.7	3.9	2.9	1.9	1.0	0.0
-80°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
-85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)