

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: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-750-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P627418 (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-SA4C-750-U-NR-VSR-XX  
 Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
 Light Source: (64) 5000K CCT, 70 CRI LEDS  
 Ballast/Driver: -

**Summary**

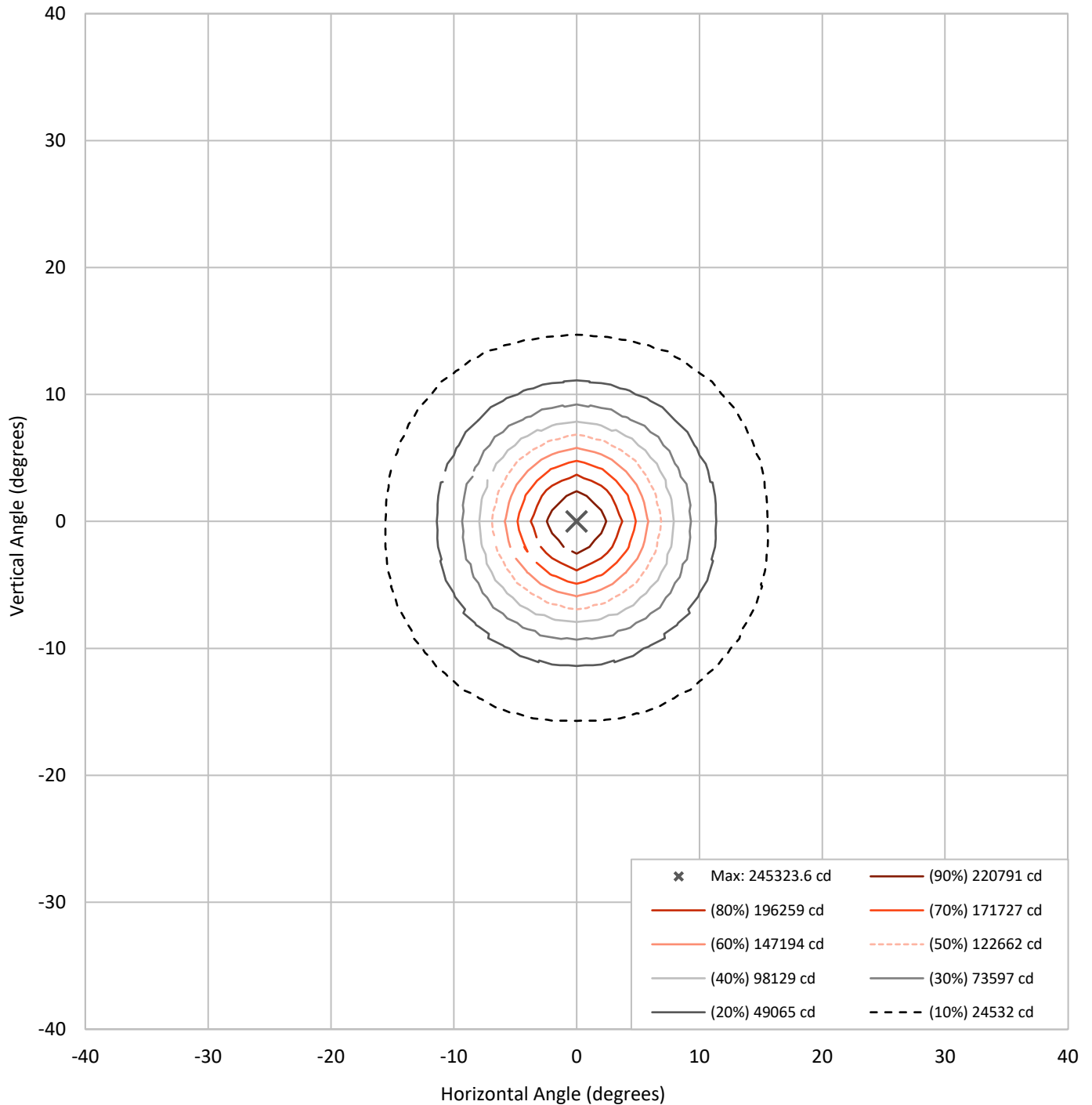
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	24201.7 lumens	Max Intensity:	245323.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	143.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	7726.3 lumens	Field Lumens:	17208.9 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%

Input Watts (W): 168.2  
 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: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4C-750-U-NR-VSR-XX

### Iso-Candela Plot





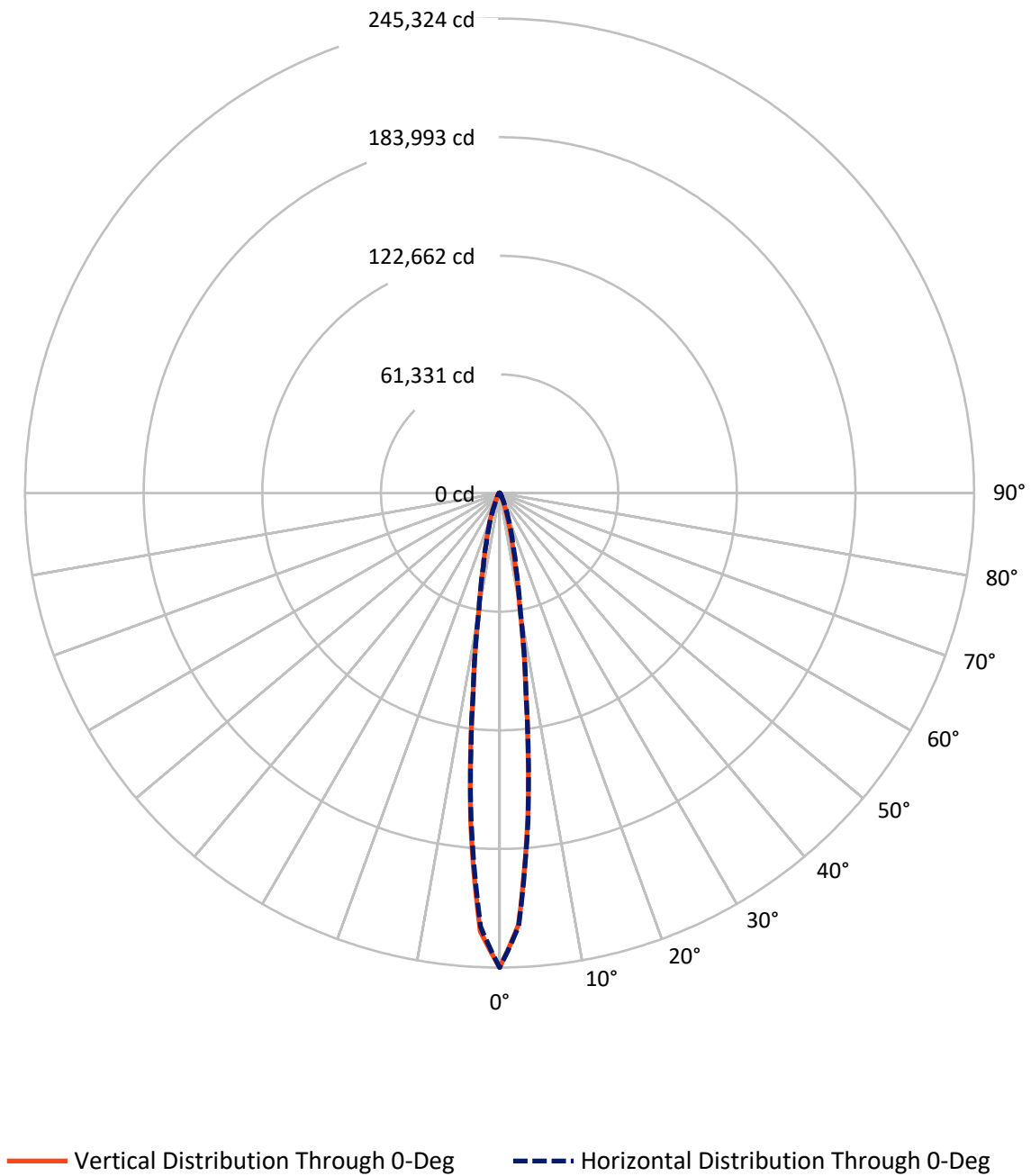
REPORT NUMBER: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-750-U-NR-VSR-XX

### Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0		
70	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				
60		0.1	0.2	0.6	1.3	2.2	2.9	3.4	3.4	2.9	2.2	1.3	0.6	0.2		0.1			
50	0.1	0.1	0.7	2.1	3.9	5.8	8.2	9.6	9.6	8.2	5.8	3.9	2.1	0.7	0.1				
40		0.3	1.7	4.1	7.3	11.6	19.7	25.1	25.1	19.7	11.6	7.3	4.1	1.7		0.3			
30	0.2	0.7	2.7	6.2	11.3	24.6	65.7	108.9	108.9	65.7	24.6	11.3	6.2	2.7	0.2				
20		1.0	3.7	8.6	18.7	73.6	310.2	681.9	681.9	310.2	73.6	18.7	8.6	3.7		1.0			
10	0.4	1.3	4.5	10.1	25.4	138.1	743.4	3333.9	3333.9	743.4	138.1	25.4	10.1	4.5	0.4				
0		1.5	4.9	10.7	27.3	147.2	769.5	3390.5	3390.5	769.5	147.2	27.3	10.7	4.9		1.5			
-10	0.5	1.6	5.0	10.5	24.0	93.7	373.5	798.9	798.9	373.5	93.7	24.0	10.5	5.0	0.5				
-20		1.5	4.8	9.6	18.5	43.8	115.1	191.8	191.8	115.1	43.8	18.5	9.6	4.8		1.5			
-30	0.4	1.3	4.3	8.5	14.5	24.0	39.1	49.7	49.7	39.1	24.0	14.5	8.5	4.3	0.4				
-40		1.1	3.5	7.1	11.7	16.8	22.6	25.2	25.2	22.6	16.8	11.7	7.1	3.5		1.1			
-50	0.3	0.8	2.6	5.5	9.2	12.9	16.3	17.8	17.8	16.3	12.9	9.2	5.5	2.6	0.3				
-60		0.5	1.6	3.6	6.2	9.0	11.4	12.5	12.5	11.4	9.0	6.2	3.6	1.6		0.5			
-70	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1				
-80		1.5	6.1	13.4	16.9	13.4	6.1	1.5											
-90	0.1	1.5	6.1	13.4	16.9	13.4	6.1	1.5	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

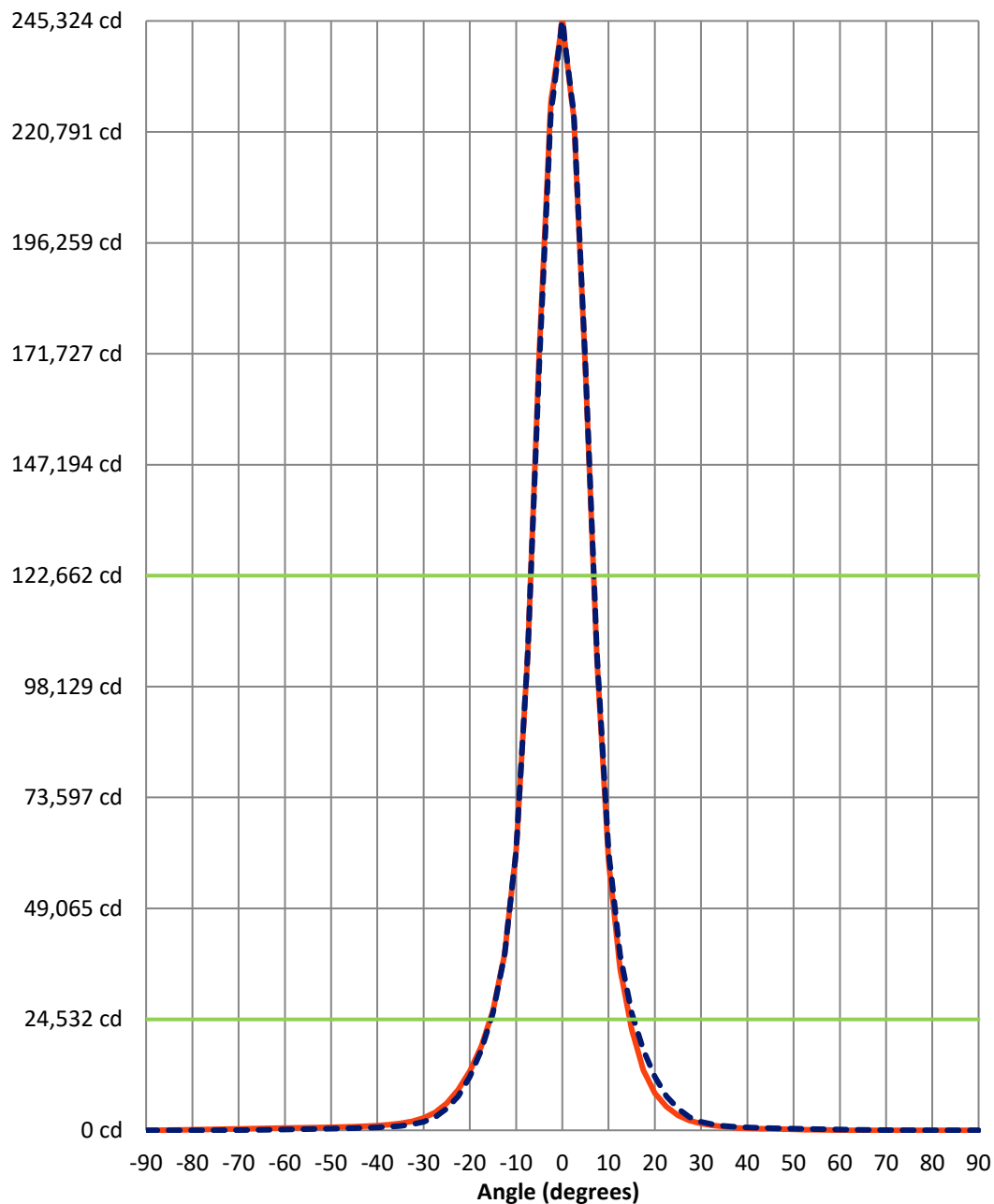
REPORT NUMBER: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4C-750-U-NR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-750-U-NR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 7726.3  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 17208.9  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 6992.7  
 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: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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	0.2	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	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.6	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.7	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.5	0.2
72.5°	0.0	0.8	0.1	0.0	0.6	0.8	0.3	0.3	1.1	1.2	0.5
70°	0.0	0.9	0.2	0.1	1.1	1.2	0.6	1.6	2.2	1.9	0.7
67.5°	0.0	1.1	0.3	0.6	1.6	1.6	1.8	2.9	3.3	2.1	0.9
65°	0.0	1.2	0.4	1.1	2.1	2.2	3.0	4.3	3.5	2.3	1.6
62.5°	0.0	1.3	0.5	1.7	2.7	3.0	4.1	4.9	3.7	2.7	3.3
60°	0.0	1.5	0.7	2.2	3.3	3.6	5.1	5.1	3.9	3.8	4.8
57.5°	0.0	1.6	1.1	2.7	3.7	4.2	5.2	5.2	4.4	4.6	5.2
55°	0.0	1.8	1.6	3.3	4.0	4.8	5.2	5.2	4.8	5.2	5.2
52.5°	0.0	1.9	2.0	3.9	4.3	5.2	5.2	5.2	5.1	5.2	5.2
50°	0.0	2.1	2.3	4.4	4.6	5.2	5.2	5.2	5.2	5.2	6.0
47.5°	0.0	2.2	2.7	4.9	4.8	5.2	5.2	5.2	5.2	5.2	7.2
45°	0.0	2.4	3.0	5.1	5.0	5.2	5.2	5.2	5.4	6.5	8.6
42.5°	0.0	2.5	3.3	5.2	5.1	5.2	5.2	5.4	5.7	7.9	11.5
40°	0.0	2.7	3.6	5.2	5.2	5.2	5.2	5.8	6.6	9.5	14.8
37.5°	0.0	2.9	3.9	5.2	5.2	5.2	5.2	6.3	8.4	12.0	18.3
35°	0.0	3.0	4.1	5.2	5.2	5.2	5.2	6.9	10.4	15.3	22.4
32.5°	0.0	3.2	4.3	5.2	5.2	5.2	5.4	7.7	12.4	18.5	27.7
30°	0.0	3.4	4.5	5.2	5.2	5.2	5.9	8.7	14.4	21.5	33.6
27.5°	0.0	3.5	4.7	5.2	5.2	5.2	6.5	10.3	16.7	24.5	39.8
25°	0.0	3.7	4.8	5.2	5.2	5.2	7.1	12.0	19.2	28.8	46.6
22.5°	0.0	3.9	4.9	5.2	5.2	5.3	7.7	13.7	21.6	34.0	54.5
20°	0.0	4.1	5.0	5.2	5.2	5.7	8.4	15.3	23.8	39.3	61.8
17.5°	0.0	4.2	5.1	5.2	5.2	6.1	9.3	17.0	25.9	44.7	68.5
15°	0.0	4.4	5.1	5.2	5.2	6.7	10.4	18.6	27.9	49.9	74.6
12.5°	0.0	4.5	5.1	5.2	5.2	7.3	11.4	20.2	30.5	55.0	80.0
10°	0.0	4.7	5.2	5.2	5.2	7.9	12.3	21.6	33.8	59.8	84.9
7.5°	0.0	4.8	5.2	5.2	5.2	8.5	13.2	22.9	37.2	63.9	89.1
5°	0.0	5.0	5.2	5.2	5.2	9.2	14.1	24.1	40.5	67.4	92.8
2.5°	0.0	5.1	5.2	5.2	5.2	9.8	14.9	25.1	43.7	70.3	96.0
0°	0.0	5.2	5.2	5.2	5.2	10.4	15.6	26.0	46.7	72.7	98.7
-2.5°	0.0	5.2	5.2	5.2	5.7	11.0	17.0	27.6	49.4	74.6	102.0
-5°	0.0	5.2	5.2	5.2	6.1	11.5	18.2	29.0	51.7	76.1	104.8
-7.5°	0.0	5.2	5.2	5.2	6.5	11.9	19.4	30.2	53.5	77.3	106.8
-10°	0.0	5.1	5.2	5.2	6.9	12.3	20.4	31.3	54.9	78.1	108.1
-12.5°	0.0	5.1	5.2	5.2	7.3	12.6	21.2	32.3	55.7	78.9	110.1
-15°	0.0	5.0	5.2	5.2	7.5	12.9	21.9	33.1	55.9	80.5	112.0
-17.5°	0.0	5.0	5.2	5.2	7.8	13.1	22.3	33.9	55.5	81.3	112.9
-20°	0.0	4.9	5.2	5.2	7.9	13.3	22.6	34.6	54.7	81.3	112.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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	4.8	5.2	5.2	8.0	13.4	22.9	35.0	53.5	80.3	111.4
-25°	0.0	4.7	5.2	5.2	8.0	13.8	23.1	35.2	51.8	78.5	108.9
-27.5°	0.0	4.6	5.2	5.2	7.8	14.1	23.1	35.1	49.8	75.8	106.6
-30°	0.0	4.5	5.2	5.2	7.6	14.4	22.9	34.7	48.7	73.0	103.0
-32.5°	0.0	4.4	5.2	5.2	7.6	14.5	22.7	34.3	48.1	69.7	98.2
-35°	0.0	4.3	5.2	5.2	7.5	14.4	22.6	33.8	47.1	66.0	91.9
-37.5°	0.0	4.1	5.2	5.2	7.3	14.3	22.5	33.2	45.8	61.9	88.4
-40°	0.0	4.0	5.2	5.2	7.1	14.0	22.2	32.4	44.0	59.2	85.1
-42.5°	0.0	3.8	5.2	5.3	7.0	13.6	21.8	31.4	42.6	58.0	81.1
-45°	0.0	3.7	5.2	5.4	7.2	13.0	21.1	30.5	41.3	56.3	76.6
-47.5°	0.0	3.5	5.2	5.5	7.3	12.4	20.3	29.4	39.9	53.8	73.7
-50°	0.0	3.3	5.2	5.6	7.4	11.5	19.2	28.2	38.4	51.8	69.9
-52.5°	0.0	3.2	5.2	5.6	7.4	10.6	18.0	26.7	36.5	48.9	65.3
-55°	0.0	3.0	5.2	5.6	7.4	10.3	16.6	24.9	34.3	45.3	60.6
-57.5°	0.0	2.8	5.2	5.6	7.3	10.1	15.1	22.9	31.9	42.0	54.9
-60°	0.0	2.6	5.2	5.6	7.1	9.7	13.5	20.7	29.2	38.6	49.2
-62.5°	0.0	2.4	4.8	5.5	6.9	9.3	12.8	18.3	26.1	34.9	44.7
-65°	0.0	2.2	4.4	5.4	6.6	8.8	12.0	16.1	22.9	31.0	39.9
-67.5°	0.0	2.0	4.0	5.3	6.4	8.3	11.1	14.8	19.4	26.7	34.8
-70°	0.0	1.8	3.6	5.2	6.0	7.7	10.1	13.3	17.4	22.2	29.4
-72.5°	0.0	1.6	3.1	4.7	5.7	7.0	9.0	11.8	15.2	19.3	24.1
-75°	0.0	1.3	2.7	4.0	5.3	6.2	7.9	10.3	12.9	16.3	20.3
-77.5°	0.0	1.1	2.2	3.4	4.5	5.5	6.6	8.9	11.2	13.5	16.3
-80°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	7.4	9.5	11.7	13.8
-82.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	5.8	7.8	9.8	11.7
-85°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.9	5.3	6.9	8.7
-87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	2.0	2.7	3.5	4.4
-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: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.5	1.8	1.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.5	3.4	2.6	1.4	0.1	1.2	1.7	1.4	0.2	0.0	0.0
62.5°	4.8	4.1	2.9	2.2	2.9	3.9	3.1	1.8	0.5	2.5	3.6
60°	5.2	4.4	3.7	4.1	5.3	4.7	3.4	5.1	7.6	9.6	11.6
57.5°	5.2	4.8	4.7	5.6	5.9	5.9	9.1	12.2	17.3	21.5	24.3
55°	5.3	5.1	5.9	7.0	8.8	12.4	17.0	23.9	29.5	38.0	45.3
52.5°	5.9	5.9	7.9	10.6	15.7	21.4	29.5	39.3	50.4	58.7	67.6
50°	6.7	8.7	11.1	17.8	24.8	33.7	47.0	61.3	70.7	80.1	92.7
47.5°	9.3	11.8	18.3	26.1	36.1	50.4	68.7	79.0	88.3	103.0	118.7
45°	12.5	17.7	25.7	36.4	50.3	70.4	84.8	93.2	109.2	126.3	144.3
42.5°	15.9	24.4	35.3	46.6	68.5	87.6	100.6	114.0	130.1	150.1	169.6
40°	21.6	31.0	45.8	63.6	85.9	104.5	120.8	136.1	152.1	178.2	198.8
37.5°	27.4	41.1	57.8	80.0	103.1	123.4	141.6	160.9	183.6	213.0	231.6
35°	32.9	51.5	72.0	95.6	120.1	143.1	165.0	187.5	217.0	244.8	267.0
32.5°	40.8	62.2	85.3	110.7	136.0	162.1	188.6	215.5	244.5	273.0	302.2
30°	50.6	73.6	97.9	125.2	150.6	180.8	211.5	240.1	269.2	299.2	332.2
27.5°	60.6	84.2	110.5	138.1	164.7	199.1	232.3	262.1	292.0	324.3	361.9
25°	69.8	95.0	122.4	149.6	180.9	217.8	254.1	288.5	313.9	350.7	394.6
22.5°	78.6	105.5	134.9	160.0	196.5	236.6	278.8	315.9	345.9	378.8	428.6
20°	87.3	116.2	146.6	174.7	212.1	255.2	305.3	343.6	380.9	423.2	474.1
17.5°	95.7	126.3	158.2	191.5	231.0	275.7	332.6	371.6	416.0	466.7	530.8
15°	103.5	135.6	169.9	207.2	248.1	296.1	351.0	399.7	452.9	511.3	587.1
12.5°	110.9	144.1	181.3	221.7	263.1	313.8	366.5	418.2	479.4	555.9	651.3
10°	117.6	151.8	192.4	235.0	276.1	328.7	380.2	434.0	498.5	582.6	691.8
7.5°	123.2	159.6	202.9	247.1	287.4	340.9	391.9	446.9	514.5	604.6	719.0
5°	127.9	167.7	212.7	254.9	296.8	351.5	401.8	457.2	527.2	621.8	738.4
2.5°	131.9	175.2	221.2	260.6	304.9	361.1	409.7	468.6	540.2	635.2	756.7
0°	135.0	181.7	228.5	264.8	311.6	368.7	415.4	477.7	550.4	643.9	773.7
-2.5°	141.3	187.1	232.8	269.7	318.7	370.0	419.2	479.0	554.3	650.7	776.9
-5°	146.6	191.5	236.0	273.5	324.1	369.8	420.8	477.9	555.6	654.5	782.5
-7.5°	150.7	194.9	238.1	276.4	326.9	371.5	423.1	481.6	559.7	658.0	789.9
-10°	153.3	197.3	239.8	280.1	327.6	373.3	424.0	482.5	559.0	655.8	785.9
-12.5°	154.7	198.7	240.6	282.1	327.5	373.1	422.8	480.2	553.3	647.5	769.8
-15°	155.1	199.2	240.5	282.4	326.7	370.9	419.5	474.7	543.0	633.7	744.6
-17.5°	154.6	199.0	239.5	280.6	325.5	366.6	414.3	467.4	532.6	617.3	724.2
-20°	153.3	197.9	237.7	276.9	323.7	362.7	409.1	460.4	521.7	598.5	694.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	151.2	196.0	235.2	273.1	318.0	359.0	402.4	451.3	506.2	575.7	660.5
-25°	148.7	192.3	231.9	270.2	311.5	353.3	393.9	440.4	490.8	557.6	634.0
-27.5°	145.3	187.9	227.3	266.2	304.5	345.7	385.4	429.3	479.2	538.1	606.4
-30°	140.5	181.6	221.0	260.6	298.5	337.2	375.5	417.3	464.4	519.9	582.9
-32.5°	134.5	174.5	213.1	252.3	291.6	328.6	364.6	404.8	449.0	497.7	557.7
-35°	128.3	166.9	204.6	241.9	283.4	319.0	353.7	390.6	431.7	477.0	525.8
-37.5°	122.5	158.7	195.5	230.7	270.0	307.1	340.8	375.9	413.9	455.4	499.8
-40°	116.3	150.0	185.9	220.2	254.7	292.5	326.2	360.1	395.1	436.8	476.3
-42.5°	109.9	142.6	175.8	209.4	242.4	276.2	309.8	342.3	379.3	418.7	457.5
-45°	104.5	134.9	165.7	198.4	230.8	261.4	293.0	323.3	360.9	400.3	438.2
-47.5°	98.2	127.0	156.9	186.5	218.3	248.9	277.3	307.9	339.9	377.1	416.9
-50°	91.7	118.9	146.5	174.4	204.6	235.2	263.9	292.3	322.5	353.1	387.4
-52.5°	86.1	109.9	135.5	161.1	189.7	219.6	248.6	277.0	304.8	333.5	362.8
-55°	79.6	101.4	123.9	147.9	173.0	201.6	230.4	258.1	286.4	313.3	341.9
-57.5°	72.3	91.9	112.4	134.9	157.7	181.2	209.1	236.6	263.3	290.4	320.0
-60°	64.0	81.6	100.2	120.9	143.1	164.6	187.3	212.8	238.5	264.2	291.5
-62.5°	55.5	70.7	87.5	105.6	125.9	147.1	167.8	189.6	212.7	235.0	258.7
-65°	49.8	60.5	74.6	90.7	107.4	126.3	145.9	166.0	186.4	205.4	223.6
-67.5°	43.7	53.4	63.8	75.7	90.9	106.8	122.4	140.4	158.7	176.2	193.2
-70°	37.3	45.9	55.1	65.0	75.8	88.9	103.5	117.9	131.9	146.6	162.4
-72.5°	30.6	38.0	46.0	54.6	63.8	74.1	85.4	97.7	110.2	122.3	134.6
-75°	25.1	30.0	36.6	43.8	51.7	59.9	68.0	77.7	88.3	99.0	109.3
-77.5°	20.7	25.2	29.7	34.1	39.8	47.2	54.5	61.7	69.1	77.1	85.7
-80°	16.8	20.3	24.4	28.5	32.4	36.9	41.9	47.6	52.8	58.1	64.0
-82.5°	14.0	16.7	19.7	22.9	25.1	27.5	30.2	33.5	36.9	40.5	44.2
-85°	10.8	12.9	14.9	17.1	18.1	19.3	20.6	22.0	24.2	26.4	28.5
-87.5°	5.4	6.5	7.7	8.9	9.5	10.0	10.5	11.0	12.4	13.9	15.5
-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: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	0.3	0.0	0.0	0.0	0.1	1.0	1.3	1.1	0.5	0.0	0.0
62.5°	3.0	2.5	4.0	5.4	5.9	5.7	5.3	4.7	4.0	3.7	4.3
60°	12.5	12.2	17.0	19.4	17.6	12.4	19.6	23.1	22.2	19.0	18.9
57.5°	30.5	37.0	41.7	43.8	50.7	61.9	64.0	60.3	59.0	60.2	69.6
55°	52.8	58.1	60.9	70.3	78.6	84.7	88.3	91.9	97.2	103.7	110.4
52.5°	74.7	82.0	87.5	96.0	106.0	109.4	108.5	121.3	131.4	137.8	140.4
50°	102.6	111.6	124.6	137.8	143.5	149.1	155.0	165.6	180.9	200.1	211.1
47.5°	132.6	146.9	160.5	175.5	183.2	189.1	197.9	216.3	238.2	258.8	269.6
45°	159.7	172.4	187.9	200.9	210.4	221.8	234.6	251.2	275.7	297.2	312.1
42.5°	181.4	195.7	211.7	227.5	237.1	252.5	271.9	294.5	320.1	342.5	359.1
40°	211.9	224.0	249.4	264.4	268.2	282.6	321.5	352.4	381.3	408.9	422.6
37.5°	248.7	272.4	298.7	312.4	325.7	351.3	403.2	453.1	490.0	527.3	547.7
35°	290.5	321.6	357.6	373.6	402.3	458.0	519.0	588.4	674.7	710.8	743.8
32.5°	331.2	366.0	399.1	435.2	485.4	551.8	620.6	733.1	838.1	919.5	978.9
30°	367.2	404.1	445.2	491.7	562.4	653.9	768.9	914.4	1062.4	1191.7	1300.9
27.5°	402.8	444.8	493.7	563.0	662.5	786.8	970.3	1177.8	1425.0	1607.0	1824.5
25°	441.9	489.9	552.7	653.1	787.3	973.2	1266.5	1603.6	2008.8	2337.4	2681.2
22.5°	488.1	559.0	638.6	750.5	985.0	1291.4	1692.1	2268.2	2891.6	3467.9	4022.9
20°	544.0	640.9	768.7	974.7	1275.7	1728.7	2424.8	3344.3	4261.0	5237.3	6177.1
17.5°	623.6	763.4	961.9	1255.1	1651.8	2547.7	3677.3	5099.5	6926.7	8582.5	10028.2
15°	698.4	865.3	1178.8	1617.1	2309.1	3496.6	5212.1	7559.6	10407.2	13002.5	15743.6
12.5°	776.8	973.9	1334.0	1892.0	2853.7	4399.6	6810.4	10026.9	13592.6	17503.9	21959.2
10°	838.9	1078.3	1509.4	2216.9	3402.3	5327.4	8199.0	12099.9	16838.3	22626.8	29748.8
7.5°	880.9	1162.0	1654.3	2454.8	3907.5	6276.2	9733.2	14421.9	20345.6	28014.3	37979.9
5°	913.7	1225.8	1763.3	2671.7	4334.7	7000.6	10869.9	16455.2	23462.7	33737.4	50626.2
2.5°	940.0	1274.7	1830.7	2821.0	4602.9	7505.0	11632.5	17605.6	25318.3	37968.6	59879.6
0°	960.6	1318.9	1874.6	2913.1	4808.4	7555.4	11870.5	17816.1	25984.2	38732.3	61870.9
-2.5°	969.4	1342.6	1889.7	2933.3	4787.9	7642.0	11943.1	17984.3	25959.2	38313.8	59646.8
-5°	984.0	1342.2	1878.3	2912.7	4680.5	7418.1	11468.8	17043.3	24393.1	35018.7	52496.4
-7.5°	994.5	1320.8	1823.9	2780.7	4399.5	6934.1	10635.4	15484.2	21542.8	29610.5	40435.0
-10°	984.9	1279.7	1733.2	2559.3	3962.7	6157.8	9368.1	13426.1	18461.3	24440.1	31794.5
-12.5°	947.8	1203.8	1585.3	2249.2	3396.9	5288.0	8093.0	11548.1	15274.9	19473.9	24555.9
-15°	901.0	1122.1	1452.0	2036.5	2977.4	4426.0	6473.8	9276.8	12266.4	15454.5	18854.1
-17.5°	864.5	1050.3	1323.5	1746.6	2438.7	3590.5	5199.8	7190.9	9387.9	11815.2	13829.8
-20°	815.1	962.0	1191.3	1536.8	2064.8	2828.0	4000.0	5446.6	6896.3	8602.9	9994.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	765.6	893.6	1068.0	1320.9	1713.8	2290.3	3014.5	3980.4	5040.5	6020.1	6984.3
-25°	719.7	818.2	959.4	1166.8	1433.3	1826.8	2342.2	2896.3	3595.1	4191.3	4853.1
-27.5°	682.5	767.1	871.3	1023.3	1230.1	1483.3	1852.3	2223.6	2591.1	2892.0	3347.6
-30°	646.6	714.7	801.8	910.2	1065.3	1260.4	1499.9	1740.8	1952.9	2146.3	2383.5
-32.5°	611.4	666.8	733.6	823.6	934.8	1081.5	1228.7	1401.3	1548.7	1684.8	1810.7
-35°	576.1	625.4	676.3	752.2	840.9	945.0	1052.1	1169.0	1271.1	1362.7	1443.8
-37.5°	544.1	587.5	635.4	691.9	763.3	841.7	929.2	1014.1	1081.5	1141.0	1190.1
-40°	517.2	556.6	597.6	642.9	697.3	759.1	833.3	904.1	951.4	987.7	1017.5
-42.5°	493.2	527.9	562.8	601.2	643.0	696.5	755.1	813.5	845.5	873.7	895.3
-45°	473.8	500.5	529.8	562.6	599.7	644.5	690.6	731.0	759.4	783.6	801.6
-47.5°	448.4	474.0	499.4	526.5	561.0	598.4	636.5	667.5	692.4	713.4	727.2
-50°	420.3	447.3	470.6	494.3	526.1	557.8	588.4	614.1	637.8	658.4	669.3
-52.5°	391.2	420.2	444.6	467.8	494.4	522.1	549.7	571.7	592.5	611.9	620.1
-55°	370.2	396.9	422.2	444.0	466.0	488.1	510.7	533.5	554.0	572.5	578.0
-57.5°	347.6	374.8	399.7	419.3	439.2	459.1	479.8	500.4	520.2	537.9	542.4
-60°	320.0	349.5	371.6	390.2	409.4	429.1	447.1	465.4	483.9	499.4	504.4
-62.5°	284.9	311.8	333.7	353.2	371.8	388.9	406.4	423.5	440.1	452.3	456.3
-65°	242.9	265.7	288.3	308.7	327.0	343.5	359.7	375.3	390.4	401.1	406.5
-67.5°	209.7	226.1	244.3	261.8	280.2	297.2	311.8	325.6	338.5	347.6	353.3
-70°	177.7	193.3	210.3	227.1	243.1	256.9	268.5	279.9	290.9	299.0	305.0
-72.5°	147.1	160.3	174.5	189.3	203.9	216.4	227.1	237.2	246.7	253.6	259.2
-75°	119.4	130.4	142.3	154.3	166.1	176.0	185.0	193.7	202.1	208.3	213.4
-77.5°	94.8	104.0	113.4	122.7	132.1	139.3	145.8	152.3	158.5	163.3	167.8
-80°	70.2	77.5	84.9	92.4	99.8	105.3	110.3	115.0	119.4	122.2	124.7
-82.5°	48.0	53.0	58.3	63.5	68.8	72.9	76.8	80.7	84.4	85.8	86.7
-85°	30.6	33.1	35.9	38.8	41.8	44.0	46.1	48.2	50.1	51.9	53.6
-87.5°	17.0	17.5	18.0	18.4	18.9	20.4	22.0	23.5	25.1	25.4	25.6
-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: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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	0.5	1.1
62.5°	4.7	5.0	5.1	5.2	5.1	5.0	4.7	4.3	3.7	4.0	4.7
60°	17.8	15.8	15.5	15.6	15.5	15.8	17.8	18.9	19.0	22.2	23.1
57.5°	79.0	87.9	90.3	88.3	90.3	87.9	79.0	69.6	60.2	59.0	60.3
55°	115.0	117.7	119.0	119.4	119.0	117.7	115.0	110.4	103.7	97.2	91.9
52.5°	141.0	140.1	139.9	140.2	139.9	140.1	141.0	140.4	137.8	131.4	121.3
50°	211.9	208.0	206.5	207.7	206.5	208.0	211.9	211.1	200.1	180.9	165.6
47.5°	270.8	272.0	273.9	275.2	273.9	272.0	270.8	269.6	258.8	238.2	216.3
45°	316.2	319.0	320.9	321.9	320.9	319.0	316.2	312.1	297.2	275.7	251.2
42.5°	362.7	363.0	362.5	363.5	362.5	363.0	362.7	359.1	342.5	320.1	294.5
40°	428.2	429.6	428.1	425.8	428.1	429.6	428.2	422.6	408.9	381.3	352.4
37.5°	559.6	561.5	555.3	550.4	555.3	561.5	559.6	547.7	527.3	490.0	453.1
35°	773.9	796.1	806.7	810.1	806.7	796.1	773.9	743.8	710.8	674.7	588.4
32.5°	1020.0	1050.9	1066.4	1080.1	1066.4	1050.9	1020.0	978.9	919.5	838.1	733.1
30°	1372.6	1429.6	1454.7	1490.3	1454.7	1429.6	1372.6	1300.9	1191.7	1062.4	914.4
27.5°	1947.9	2048.0	2103.5	2155.0	2103.5	2048.0	1947.9	1824.5	1607.0	1425.0	1177.8
25°	2931.1	3124.0	3248.9	3307.7	3248.9	3124.0	2931.1	2681.2	2337.4	2008.8	1603.6
22.5°	4559.9	4915.4	5189.7	5244.6	5189.7	4915.4	4559.9	4022.9	3467.9	2891.6	2268.2
20°	7088.9	7597.7	8011.6	8220.0	8011.6	7597.7	7088.9	6177.1	5237.3	4261.0	3344.3
17.5°	11750.2	12808.4	13291.8	13371.2	13291.8	12808.4	11750.2	10028.2	8582.5	6926.7	5099.5
15°	18684.7	20475.4	21612.2	22344.2	21612.2	20475.4	18684.7	15743.6	13002.5	10407.2	7559.6
12.5°	26596.9	31685.1	34580.4	35684.2	34580.4	31685.1	26596.9	21959.2	17503.9	13592.6	10026.9
10°	37335.4	49313.7	56223.4	59700.4	56223.4	49313.7	37335.4	29748.8	22626.8	16838.3	12099.9
7.5°	55561.2	74062.0	94560.1	104043.4	94560.1	74062.0	55561.2	37979.9	28014.3	20345.6	14421.9
5°	74720.8	115341.1	150993.9	168066.7	150993.9	115341.1	74720.8	50626.2	33737.4	23462.7	16455.2
2.5°	96741.8	151522.1	202170.9	223467.6	202170.9	151522.1	96741.8	59879.6	37968.6	25318.3	17605.6
0°	105217.0	169027.4	224420.4	245323.6	224420.4	169027.4	105217.0	61870.9	38732.3	25984.2	17816.1
-2.5°	98052.0	154176.0	203041.1	226925.9	203041.1	154176.0	98052.0	59646.8	38313.8	25959.2	17984.3
-5°	77907.4	115976.8	152166.1	171628.9	152166.1	115976.8	77907.4	52496.4	35018.7	24393.1	17043.3
-7.5°	57179.1	77903.7	98002.0	105030.0	98002.0	77903.7	57179.1	40435.0	29610.5	21542.8	15484.2
-10°	39809.3	51676.9	59510.8	61746.3	59510.8	51676.9	39809.3	31794.5	24440.1	18461.3	13426.1
-12.5°	29514.6	34705.5	38317.2	38945.2	38317.2	34705.5	29514.6	24555.9	19473.9	15274.9	11548.1
-15°	21854.8	24494.6	26357.4	26482.7	26357.4	24494.6	21854.8	18854.1	15454.5	12266.4	9276.8
-17.5°	15976.0	17747.9	18687.9	18621.0	18687.9	17747.9	15976.0	13829.8	11815.2	9387.9	7190.9
-20°	11423.8	12491.8	13249.3	13101.2	13249.3	12491.8	11423.8	9994.6	8602.9	6896.3	5446.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	7965.5	8674.5	9118.4	9004.1	9118.4	8674.5	7965.5	6984.3	6020.1	5040.5	3980.4
-25°	5412.4	5798.7	6018.5	5982.0	6018.5	5798.7	5412.4	4853.1	4191.3	3595.1	2896.3
-27.5°	3688.2	3892.3	3960.4	3956.8	3960.4	3892.3	3688.2	3347.6	2892.0	2591.1	2223.6
-30°	2559.9	2697.1	2775.5	2726.2	2775.5	2697.1	2559.9	2383.5	2146.3	1952.9	1740.8
-32.5°	1908.0	1985.3	2030.0	1983.6	2030.0	1985.3	1908.0	1810.7	1684.8	1548.7	1401.3
-35°	1503.7	1542.8	1558.5	1531.8	1558.5	1542.8	1503.7	1443.8	1362.7	1271.1	1169.0
-37.5°	1225.9	1248.8	1256.6	1241.1	1256.6	1248.8	1225.9	1190.1	1141.0	1081.5	1014.1
-40°	1038.8	1052.8	1056.3	1043.7	1056.3	1052.8	1038.8	1017.5	987.7	951.4	904.1
-42.5°	908.9	917.3	919.2	913.9	919.2	917.3	908.9	895.3	873.7	845.5	813.5
-45°	812.3	819.4	820.8	815.3	820.8	819.4	812.3	801.6	783.6	759.4	731.0
-47.5°	734.1	738.5	739.7	737.4	739.7	738.5	734.1	727.2	713.4	692.4	667.5
-50°	674.2	677.2	677.5	675.1	677.5	677.2	674.2	669.3	658.4	637.8	614.1
-52.5°	624.0	626.2	627.6	628.3	627.6	626.2	624.0	620.1	611.9	592.5	571.7
-55°	581.8	584.6	586.2	586.8	586.2	584.6	581.8	578.0	572.5	554.0	533.5
-57.5°	545.9	548.4	549.9	550.4	549.9	548.4	545.9	542.4	537.9	520.2	500.4
-60°	508.4	511.5	513.4	514.1	513.4	511.5	508.4	504.4	499.4	483.9	465.4
-62.5°	458.9	460.3	461.6	462.1	461.6	460.3	458.9	456.3	452.3	440.1	423.5
-65°	410.5	413.3	414.9	415.4	414.9	413.3	410.5	406.5	401.1	390.4	375.3
-67.5°	358.0	361.6	365.4	368.7	365.4	361.6	358.0	353.3	347.6	338.5	325.6
-70°	310.4	315.0	316.4	316.8	316.4	315.0	310.4	305.0	299.0	290.9	279.9
-72.5°	264.1	268.5	272.1	275.2	272.1	268.5	264.1	259.2	253.6	246.7	237.2
-75°	218.0	222.0	223.0	223.3	223.0	222.0	218.0	213.4	208.3	202.1	193.7
-77.5°	171.8	175.6	176.4	176.6	176.4	175.6	171.8	167.8	163.3	158.5	152.3
-80°	127.1	129.1	132.2	135.0	132.2	129.1	127.1	124.7	122.2	119.4	115.0
-82.5°	87.5	87.9	88.2	88.3	88.2	87.9	87.5	86.7	85.8	84.4	80.7
-85°	55.3	56.9	57.0	57.1	57.0	56.9	55.3	53.6	51.9	50.1	48.2
-87.5°	25.8	25.9	26.0	26.0	26.0	25.9	25.8	25.6	25.4	25.1	23.5
-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: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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	0.3
65°	1.3	1.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.4
62.5°	5.3	5.7	5.9	5.4	4.0	2.5	3.0	3.6	2.5	0.5	1.8
60°	19.6	12.4	17.6	19.4	17.0	12.2	12.5	11.6	9.6	7.6	5.1
57.5°	64.0	61.9	50.7	43.8	41.7	37.0	30.5	24.3	21.5	17.3	12.2
55°	88.3	84.7	78.6	70.3	60.9	58.1	52.8	45.3	38.0	29.5	23.9
52.5°	108.5	109.4	106.0	96.0	87.5	82.0	74.7	67.6	58.7	50.4	39.3
50°	155.0	149.1	143.5	137.8	124.6	111.6	102.6	92.7	80.1	70.7	61.3
47.5°	197.9	189.1	183.2	175.5	160.5	146.9	132.6	118.7	103.0	88.3	79.0
45°	234.6	221.8	210.4	200.9	187.9	172.4	159.7	144.3	126.3	109.2	93.2
42.5°	271.9	252.5	237.1	227.5	211.7	195.7	181.4	169.6	150.1	130.1	114.0
40°	321.5	282.6	268.2	264.4	249.4	224.0	211.9	198.8	178.2	152.1	136.1
37.5°	403.2	351.3	325.7	312.4	298.7	272.4	248.7	231.6	213.0	183.6	160.9
35°	519.0	458.0	402.3	373.6	357.6	321.6	290.5	267.0	244.8	217.0	187.5
32.5°	620.6	551.8	485.4	435.2	399.1	366.0	331.2	302.2	273.0	244.5	215.5
30°	768.9	653.9	562.4	491.7	445.2	404.1	367.2	332.2	299.2	269.2	240.1
27.5°	970.3	786.8	662.5	563.0	493.7	444.8	402.8	361.9	324.3	292.0	262.1
25°	1266.5	973.2	787.3	653.1	552.7	489.9	441.9	394.6	350.7	313.9	288.5
22.5°	1692.1	1291.4	985.0	750.5	638.6	559.0	488.1	428.6	378.8	345.9	315.9
20°	2424.8	1728.7	1275.7	974.7	768.7	640.9	544.0	474.1	423.2	380.9	343.6
17.5°	3677.3	2547.7	1651.8	1255.1	961.9	763.4	623.6	530.8	466.7	416.0	371.6
15°	5212.1	3496.6	2309.1	1617.1	1178.8	865.3	698.4	587.1	511.3	452.9	399.7
12.5°	6810.4	4399.6	2853.7	1892.0	1334.0	973.9	776.8	651.3	555.9	479.4	418.2
10°	8199.0	5327.4	3402.3	2216.9	1509.4	1078.3	838.9	691.8	582.6	498.5	434.0
7.5°	9733.2	6276.2	3907.5	2454.8	1654.3	1162.0	880.9	719.0	604.6	514.5	446.9
5°	10869.9	7000.6	4334.7	2671.7	1763.3	1225.8	913.7	738.4	621.8	527.2	457.2
2.5°	11632.5	7505.0	4602.9	2821.0	1830.7	1274.7	940.0	756.7	635.2	540.2	468.6
0°	11870.5	7555.4	4808.4	2913.1	1874.6	1318.9	960.6	773.7	643.9	550.4	477.7
-2.5°	11943.1	7642.0	4787.9	2933.3	1889.7	1342.6	969.4	776.9	650.7	554.3	479.0
-5°	11468.8	7418.1	4680.5	2912.7	1878.3	1342.2	984.0	782.5	654.5	555.6	477.9
-7.5°	10635.4	6934.1	4399.5	2780.7	1823.9	1320.8	994.5	789.9	658.0	559.7	481.6
-10°	9368.1	6157.8	3962.7	2559.3	1733.2	1279.7	984.9	785.9	655.8	559.0	482.5
-12.5°	8093.0	5288.0	3396.9	2249.2	1585.3	1203.8	947.8	769.8	647.5	553.3	480.2
-15°	6473.8	4426.0	2977.4	2036.5	1452.0	1122.1	901.0	744.6	633.7	543.0	474.7
-17.5°	5199.8	3590.5	2438.7	1746.6	1323.5	1050.3	864.5	724.2	617.3	532.6	467.4
-20°	4000.0	2828.0	2064.8	1536.8	1191.3	962.0	815.1	694.1	598.5	521.7	460.4



REPORT NUMBER: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	3014.5	2290.3	1713.8	1320.9	1068.0	893.6	765.6	660.5	575.7	506.2	451.3
-25°	2342.2	1826.8	1433.3	1166.8	959.4	818.2	719.7	634.0	557.6	490.8	440.4
-27.5°	1852.3	1483.3	1230.1	1023.3	871.3	767.1	682.5	606.4	538.1	479.2	429.3
-30°	1499.9	1260.4	1065.3	910.2	801.8	714.7	646.6	582.9	519.9	464.4	417.3
-32.5°	1228.7	1081.5	934.8	823.6	733.6	666.8	611.4	557.7	497.7	449.0	404.8
-35°	1052.1	945.0	840.9	752.2	676.3	625.4	576.1	525.8	477.0	431.7	390.6
-37.5°	929.2	841.7	763.3	691.9	635.4	587.5	544.1	499.8	455.4	413.9	375.9
-40°	833.3	759.1	697.3	642.9	597.6	556.6	517.2	476.3	436.8	395.1	360.1
-42.5°	755.1	696.5	643.0	601.2	562.8	527.9	493.2	457.5	418.7	379.3	342.3
-45°	690.6	644.5	599.7	562.6	529.8	500.5	473.8	438.2	400.3	360.9	323.3
-47.5°	636.5	598.4	561.0	526.5	499.4	474.0	448.4	416.9	377.1	339.9	307.9
-50°	588.4	557.8	526.1	494.3	470.6	447.3	420.3	387.4	353.1	322.5	292.3
-52.5°	549.7	522.1	494.4	467.8	444.6	420.2	391.2	362.8	333.5	304.8	277.0
-55°	510.7	488.1	466.0	444.0	422.2	396.9	370.2	341.9	313.3	286.4	258.1
-57.5°	479.8	459.1	439.2	419.3	399.7	374.8	347.6	320.0	290.4	263.3	236.6
-60°	447.1	429.1	409.4	390.2	371.6	349.5	320.0	291.5	264.2	238.5	212.8
-62.5°	406.4	388.9	371.8	353.2	333.7	311.8	284.9	258.7	235.0	212.7	189.6
-65°	359.7	343.5	327.0	308.7	288.3	265.7	242.9	223.6	205.4	186.4	166.0
-67.5°	311.8	297.2	280.2	261.8	244.3	226.1	209.7	193.2	176.2	158.7	140.4
-70°	268.5	256.9	243.1	227.1	210.3	193.3	177.7	162.4	146.6	131.9	117.9
-72.5°	227.1	216.4	203.9	189.3	174.5	160.3	147.1	134.6	122.3	110.2	97.7
-75°	185.0	176.0	166.1	154.3	142.3	130.4	119.4	109.3	99.0	88.3	77.7
-77.5°	145.8	139.3	132.1	122.7	113.4	104.0	94.8	85.7	77.1	69.1	61.7
-80°	110.3	105.3	99.8	92.4	84.9	77.5	70.2	64.0	58.1	52.8	47.6
-82.5°	76.8	72.9	68.8	63.5	58.3	53.0	48.0	44.2	40.5	36.9	33.5
-85°	46.1	44.0	41.8	38.8	35.9	33.1	30.6	28.5	26.4	24.2	22.0
-87.5°	22.0	20.4	18.9	18.4	18.0	17.5	17.0	15.5	13.9	12.4	11.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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	0.2	0.5	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	1.1	0.3
70°	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.7	1.9	2.2	1.6
67.5°	0.0	0.0	0.0	1.1	1.8	1.5	0.3	0.9	2.1	3.3	2.9
65°	1.7	1.2	0.1	1.4	2.6	3.4	2.5	1.6	2.3	3.5	4.3
62.5°	3.1	3.9	2.9	2.2	2.9	4.1	4.8	3.3	2.7	3.7	4.9
60°	3.4	4.7	5.3	4.1	3.7	4.4	5.2	4.8	3.8	3.9	5.1
57.5°	9.1	5.9	5.9	5.6	4.7	4.8	5.2	5.2	4.6	4.4	5.2
55°	17.0	12.4	8.8	7.0	5.9	5.1	5.3	5.2	5.2	4.8	5.2
52.5°	29.5	21.4	15.7	10.6	7.9	5.9	5.9	5.2	5.2	5.1	5.2
50°	47.0	33.7	24.8	17.8	11.1	8.7	6.7	6.0	5.2	5.2	5.2
47.5°	68.7	50.4	36.1	26.1	18.3	11.8	9.3	7.2	5.2	5.2	5.2
45°	84.8	70.4	50.3	36.4	25.7	17.7	12.5	8.6	6.5	5.4	5.2
42.5°	100.6	87.6	68.5	46.6	35.3	24.4	15.9	11.5	7.9	5.7	5.4
40°	120.8	104.5	85.9	63.6	45.8	31.0	21.6	14.8	9.5	6.6	5.8
37.5°	141.6	123.4	103.1	80.0	57.8	41.1	27.4	18.3	12.0	8.4	6.3
35°	165.0	143.1	120.1	95.6	72.0	51.5	32.9	22.4	15.3	10.4	6.9
32.5°	188.6	162.1	136.0	110.7	85.3	62.2	40.8	27.7	18.5	12.4	7.7
30°	211.5	180.8	150.6	125.2	97.9	73.6	50.6	33.6	21.5	14.4	8.7
27.5°	232.3	199.1	164.7	138.1	110.5	84.2	60.6	39.8	24.5	16.7	10.3
25°	254.1	217.8	180.9	149.6	122.4	95.0	69.8	46.6	28.8	19.2	12.0
22.5°	278.8	236.6	196.5	160.0	134.9	105.5	78.6	54.5	34.0	21.6	13.7
20°	305.3	255.2	212.1	174.7	146.6	116.2	87.3	61.8	39.3	23.8	15.3
17.5°	332.6	275.7	231.0	191.5	158.2	126.3	95.7	68.5	44.7	25.9	17.0
15°	351.0	296.1	248.1	207.2	169.9	135.6	103.5	74.6	49.9	27.9	18.6
12.5°	366.5	313.8	263.1	221.7	181.3	144.1	110.9	80.0	55.0	30.5	20.2
10°	380.2	328.7	276.1	235.0	192.4	151.8	117.6	84.9	59.8	33.8	21.6
7.5°	391.9	340.9	287.4	247.1	202.9	159.6	123.2	89.1	63.9	37.2	22.9
5°	401.8	351.5	296.8	254.9	212.7	167.7	127.9	92.8	67.4	40.5	24.1
2.5°	409.7	361.1	304.9	260.6	221.2	175.2	131.9	96.0	70.3	43.7	25.1
0°	415.4	368.7	311.6	264.8	228.5	181.7	135.0	98.7	72.7	46.7	26.0
-2.5°	419.2	370.0	318.7	269.7	232.8	187.1	141.3	102.0	74.6	49.4	27.6
-5°	420.8	369.8	324.1	273.5	236.0	191.5	146.6	104.8	76.1	51.7	29.0
-7.5°	423.1	371.5	326.9	276.4	238.1	194.9	150.7	106.8	77.3	53.5	30.2
-10°	424.0	373.3	327.6	280.1	239.8	197.3	153.3	108.1	78.1	54.9	31.3
-12.5°	422.8	373.1	327.5	282.1	240.6	198.7	154.7	110.1	78.9	55.7	32.3
-15°	419.5	370.9	326.7	282.4	240.5	199.2	155.1	112.0	80.5	55.9	33.1
-17.5°	414.3	366.6	325.5	280.6	239.5	199.0	154.6	112.9	81.3	55.5	33.9
-20°	409.1	362.7	323.7	276.9	237.7	197.9	153.3	112.7	81.3	54.7	34.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	402.4	359.0	318.0	273.1	235.2	196.0	151.2	111.4	80.3	53.5	35.0
-25°	393.9	353.3	311.5	270.2	231.9	192.3	148.7	108.9	78.5	51.8	35.2
-27.5°	385.4	345.7	304.5	266.2	227.3	187.9	145.3	106.6	75.8	49.8	35.1
-30°	375.5	337.2	298.5	260.6	221.0	181.6	140.5	103.0	73.0	48.7	34.7
-32.5°	364.6	328.6	291.6	252.3	213.1	174.5	134.5	98.2	69.7	48.1	34.3
-35°	353.7	319.0	283.4	241.9	204.6	166.9	128.3	91.9	66.0	47.1	33.8
-37.5°	340.8	307.1	270.0	230.7	195.5	158.7	122.5	88.4	61.9	45.8	33.2
-40°	326.2	292.5	254.7	220.2	185.9	150.0	116.3	85.1	59.2	44.0	32.4
-42.5°	309.8	276.2	242.4	209.4	175.8	142.6	109.9	81.1	58.0	42.6	31.4
-45°	293.0	261.4	230.8	198.4	165.7	134.9	104.5	76.6	56.3	41.3	30.5
-47.5°	277.3	248.9	218.3	186.5	156.9	127.0	98.2	73.7	53.8	39.9	29.4
-50°	263.9	235.2	204.6	174.4	146.5	118.9	91.7	69.9	51.8	38.4	28.2
-52.5°	248.6	219.6	189.7	161.1	135.5	109.9	86.1	65.3	48.9	36.5	26.7
-55°	230.4	201.6	173.0	147.9	123.9	101.4	79.6	60.6	45.3	34.3	24.9
-57.5°	209.1	181.2	157.7	134.9	112.4	91.9	72.3	54.9	42.0	31.9	22.9
-60°	187.3	164.6	143.1	120.9	100.2	81.6	64.0	49.2	38.6	29.2	20.7
-62.5°	167.8	147.1	125.9	105.6	87.5	70.7	55.5	44.7	34.9	26.1	18.3
-65°	145.9	126.3	107.4	90.7	74.6	60.5	49.8	39.9	31.0	22.9	16.1
-67.5°	122.4	106.8	90.9	75.7	63.8	53.4	43.7	34.8	26.7	19.4	14.8
-70°	103.5	88.9	75.8	65.0	55.1	45.9	37.3	29.4	22.2	17.4	13.3
-72.5°	85.4	74.1	63.8	54.6	46.0	38.0	30.6	24.1	19.3	15.2	11.8
-75°	68.0	59.9	51.7	43.8	36.6	30.0	25.1	20.3	16.3	12.9	10.3
-77.5°	54.5	47.2	39.8	34.1	29.7	25.2	20.7	16.3	13.5	11.2	8.9
-80°	41.9	36.9	32.4	28.5	24.4	20.3	16.8	13.8	11.7	9.5	7.4
-82.5°	30.2	27.5	25.1	22.9	19.7	16.7	14.0	11.7	9.8	7.8	5.8
-85°	20.6	19.3	18.1	17.1	14.9	12.9	10.8	8.7	6.9	5.3	3.9
-87.5°	10.5	10.0	9.5	8.9	7.7	6.5	5.4	4.4	3.5	2.7	2.0
-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: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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	0.2	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	0.5	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.6	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.7	0.0
72.5°	0.3	0.8	0.6	0.0	0.1	0.8	0.0
70°	0.6	1.2	1.1	0.1	0.2	0.9	0.0
67.5°	1.8	1.6	1.6	0.6	0.3	1.1	0.0
65°	3.0	2.2	2.1	1.1	0.4	1.2	0.0
62.5°	4.1	3.0	2.7	1.7	0.5	1.3	0.0
60°	5.1	3.6	3.3	2.2	0.7	1.5	0.0
57.5°	5.2	4.2	3.7	2.7	1.1	1.6	0.0
55°	5.2	4.8	4.0	3.3	1.6	1.8	0.0
52.5°	5.2	5.2	4.3	3.9	2.0	1.9	0.0
50°	5.2	5.2	4.6	4.4	2.3	2.1	0.0
47.5°	5.2	5.2	4.8	4.9	2.7	2.2	0.0
45°	5.2	5.2	5.0	5.1	3.0	2.4	0.0
42.5°	5.2	5.2	5.1	5.2	3.3	2.5	0.0
40°	5.2	5.2	5.2	5.2	3.6	2.7	0.0
37.5°	5.2	5.2	5.2	5.2	3.9	2.9	0.0
35°	5.2	5.2	5.2	5.2	4.1	3.0	0.0
32.5°	5.4	5.2	5.2	5.2	4.3	3.2	0.0
30°	5.9	5.2	5.2	5.2	4.5	3.4	0.0
27.5°	6.5	5.2	5.2	5.2	4.7	3.5	0.0
25°	7.1	5.2	5.2	5.2	4.8	3.7	0.0
22.5°	7.7	5.3	5.2	5.2	4.9	3.9	0.0
20°	8.4	5.7	5.2	5.2	5.0	4.1	0.0
17.5°	9.3	6.1	5.2	5.2	5.1	4.2	0.0
15°	10.4	6.7	5.2	5.2	5.1	4.4	0.0
12.5°	11.4	7.3	5.2	5.2	5.1	4.5	0.0
10°	12.3	7.9	5.2	5.2	5.2	4.7	0.0
7.5°	13.2	8.5	5.2	5.2	5.2	4.8	0.0
5°	14.1	9.2	5.2	5.2	5.2	5.0	0.0
2.5°	14.9	9.8	5.2	5.2	5.2	5.1	0.0
0°	15.6	10.4	5.2	5.2	5.2	5.2	0.0
-2.5°	17.0	11.0	5.7	5.2	5.2	5.2	0.0
-5°	18.2	11.5	6.1	5.2	5.2	5.2	0.0
-7.5°	19.4	11.9	6.5	5.2	5.2	5.2	0.0
-10°	20.4	12.3	6.9	5.2	5.2	5.1	0.0
-12.5°	21.2	12.6	7.3	5.2	5.2	5.1	0.0
-15°	21.9	12.9	7.5	5.2	5.2	5.0	0.0
-17.5°	22.3	13.1	7.8	5.2	5.2	5.0	0.0
-20°	22.6	13.3	7.9	5.2	5.2	4.9	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627418 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.9	13.4	8.0	5.2	5.2	4.8	0.0
-25°	23.1	13.8	8.0	5.2	5.2	4.7	0.0
-27.5°	23.1	14.1	7.8	5.2	5.2	4.6	0.0
-30°	22.9	14.4	7.6	5.2	5.2	4.5	0.0
-32.5°	22.7	14.5	7.6	5.2	5.2	4.4	0.0
-35°	22.6	14.4	7.5	5.2	5.2	4.3	0.0
-37.5°	22.5	14.3	7.3	5.2	5.2	4.1	0.0
-40°	22.2	14.0	7.1	5.2	5.2	4.0	0.0
-42.5°	21.8	13.6	7.0	5.3	5.2	3.8	0.0
-45°	21.1	13.0	7.2	5.4	5.2	3.7	0.0
-47.5°	20.3	12.4	7.3	5.5	5.2	3.5	0.0
-50°	19.2	11.5	7.4	5.6	5.2	3.3	0.0
-52.5°	18.0	10.6	7.4	5.6	5.2	3.2	0.0
-55°	16.6	10.3	7.4	5.6	5.2	3.0	0.0
-57.5°	15.1	10.1	7.3	5.6	5.2	2.8	0.0
-60°	13.5	9.7	7.1	5.6	5.2	2.6	0.0
-62.5°	12.8	9.3	6.9	5.5	4.8	2.4	0.0
-65°	12.0	8.8	6.6	5.4	4.4	2.2	0.0
-67.5°	11.1	8.3	6.4	5.3	4.0	2.0	0.0
-70°	10.1	7.7	6.0	5.2	3.6	1.8	0.0
-72.5°	9.0	7.0	5.7	4.7	3.1	1.6	0.0
-75°	7.9	6.2	5.3	4.0	2.7	1.3	0.0
-77.5°	6.6	5.5	4.5	3.4	2.2	1.1	0.0
-80°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-82.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-85°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
-87.5°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)