

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: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627038 (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-SA2E-735-U-NR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

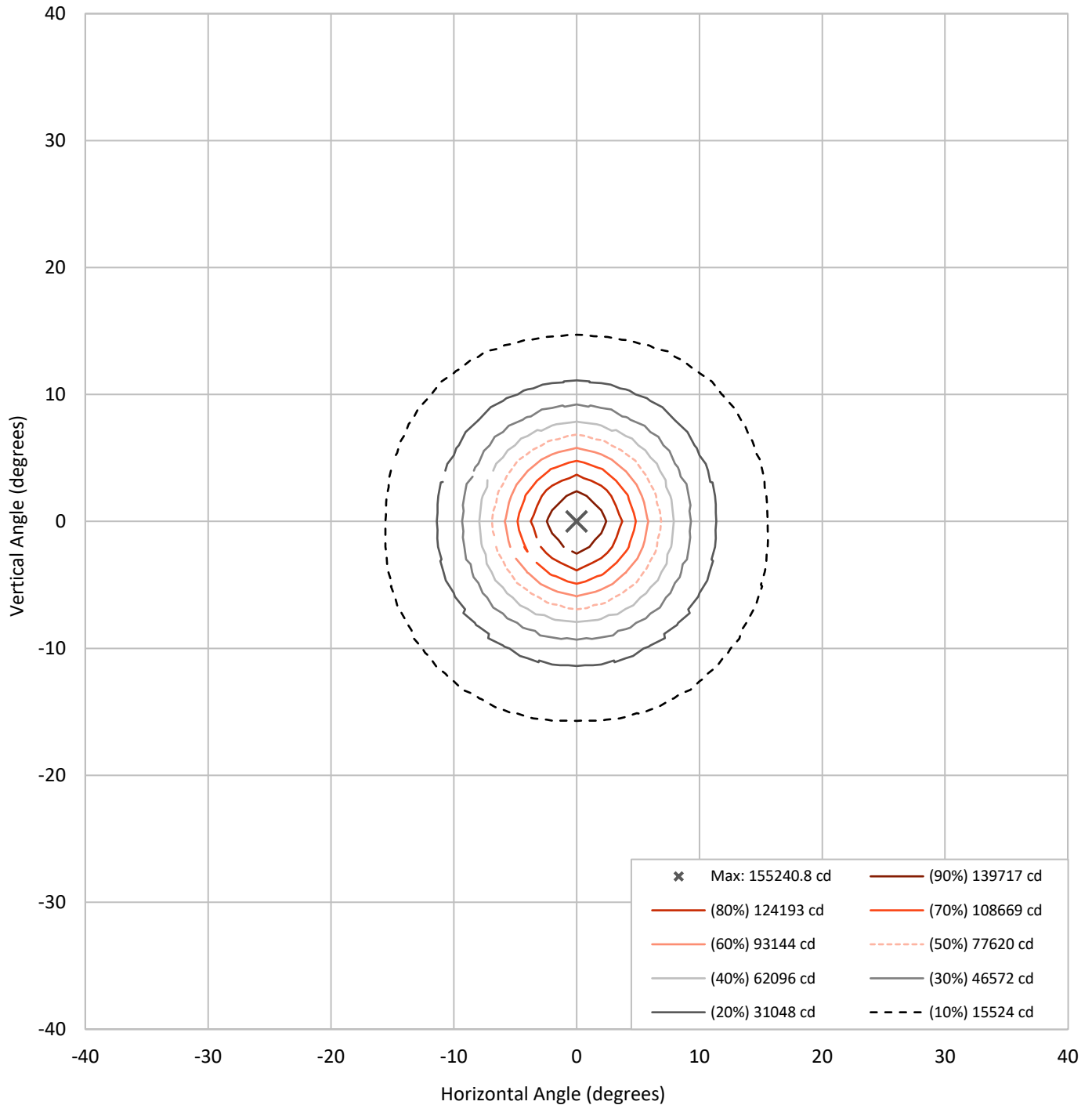
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	15314.8 lumens	Max Intensity:	155240.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	121.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	4889.2 lumens	Field Lumens:	10889.8 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	125.7		
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: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2E-735-U-NR-VSR-XX

### Iso-Candela Plot





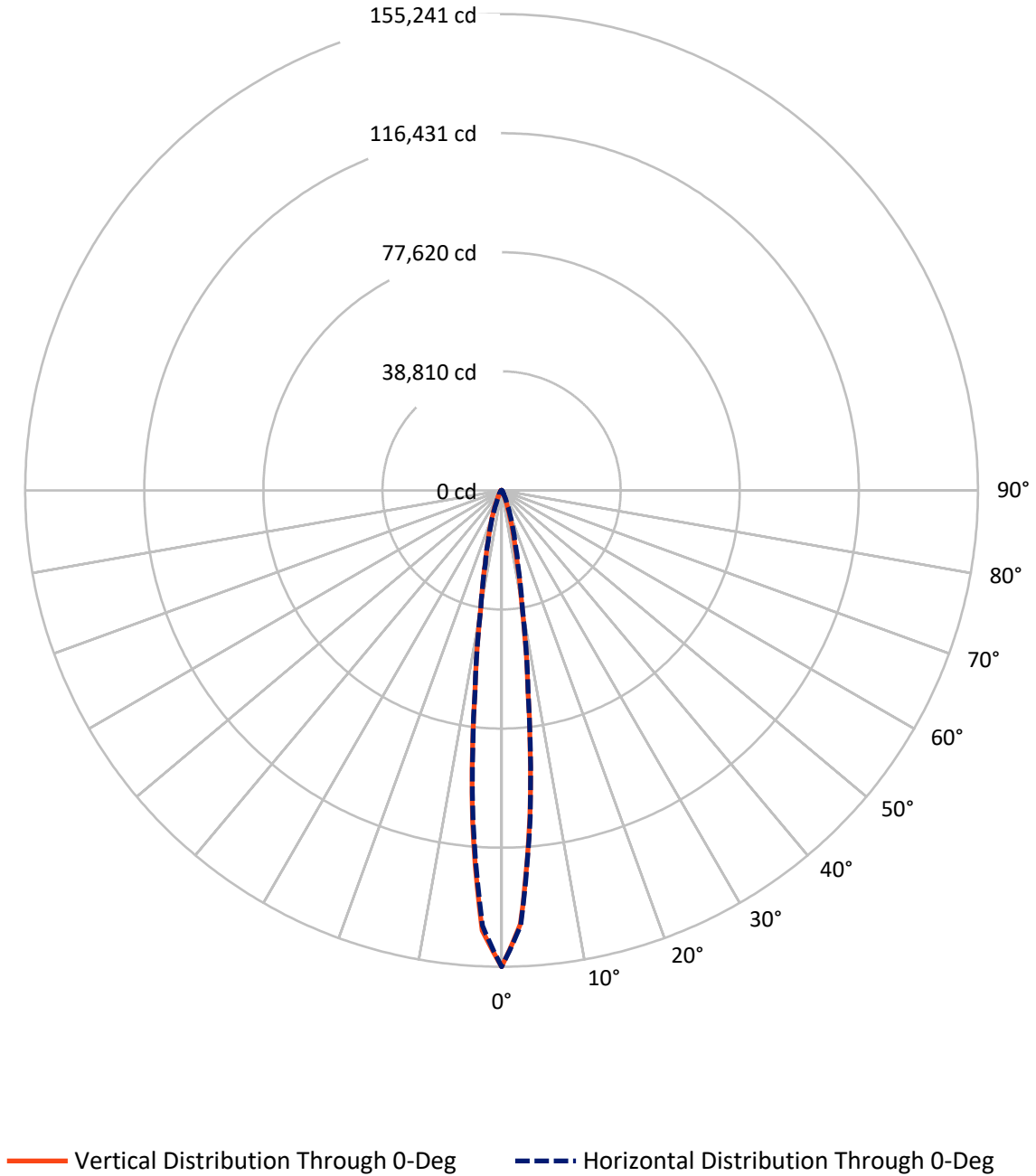
REPORT NUMBER: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-NR-VSR-XX

### 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	0.0	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	0.0	0.0
60		0.0	0.1	0.4	0.8	1.4	1.8	2.2	2.2	1.8	1.4	0.8	0.4	0.1			
50	0.1	0.1	0.5	1.3	2.5	3.7	5.2	6.1	6.1	5.2	3.7	2.5	1.3	0.5	0.1	0.1	0.1
40		0.2	1.1	2.6	4.6	7.3	12.5	15.9	15.9	12.5	7.3	4.6	2.6	1.1	0.2		
30	0.1	0.4	1.7	3.9	7.2	15.6	41.6	68.9	68.9	41.6	15.6	7.2	3.9	1.7	0.4	0.1	0.1
20		0.7	2.3	5.5	11.8	46.6	196.3	431.5	431.5	196.3	46.6	11.8	5.5	2.3	0.7		
10	0.2	0.8	2.9	6.4	16.1	87.4	470.4	2109.7	2109.7	470.4	87.4	16.1	6.4	2.9	0.8	0.2	0.2
0		0.9	3.1	6.8	17.3	93.1	486.9	2145.5	2145.5	486.9	93.1	17.3	6.8	3.1	0.9		
-10	0.3	1.0	3.2	6.6	15.2	59.3	236.4	505.6	505.6	236.4	59.3	15.2	6.6	3.2	1.0	0.3	0.3
-20		1.0	3.0	6.1	11.7	27.7	72.8	121.4	121.4	72.8	27.7	11.7	6.1	3.0	1.0		
-30	0.3	0.8	2.7	5.4	9.2	15.2	24.8	31.5	31.5	24.8	15.2	9.2	5.4	2.7	0.8	0.3	0.3
-40		0.7	2.2	4.5	7.4	10.6	14.3	15.9	15.9	14.3	10.6	7.4	4.5	2.2	0.7		
-50	0.2	0.5	1.7	3.5	5.8	8.2	10.3	11.3	11.3	10.3	8.2	5.8	3.5	1.7	0.5	0.2	0.2
-60		0.3	1.0	2.3	3.9	5.7	7.2	7.9	7.9	7.2	5.7	3.9	2.3	1.0	0.3		
-70	0.1	0.3	1.0	2.3	3.9	5.7	7.2	7.9	7.9	7.2	5.7	3.9	2.3	1.0	0.3	0.1	0.1
-80		0.9	3.9	8.5	10.7	8.5	3.9	0.9	0.1								
-90	0.1	0.9	3.9	8.5	10.7	8.5	3.9	0.9	0.1								

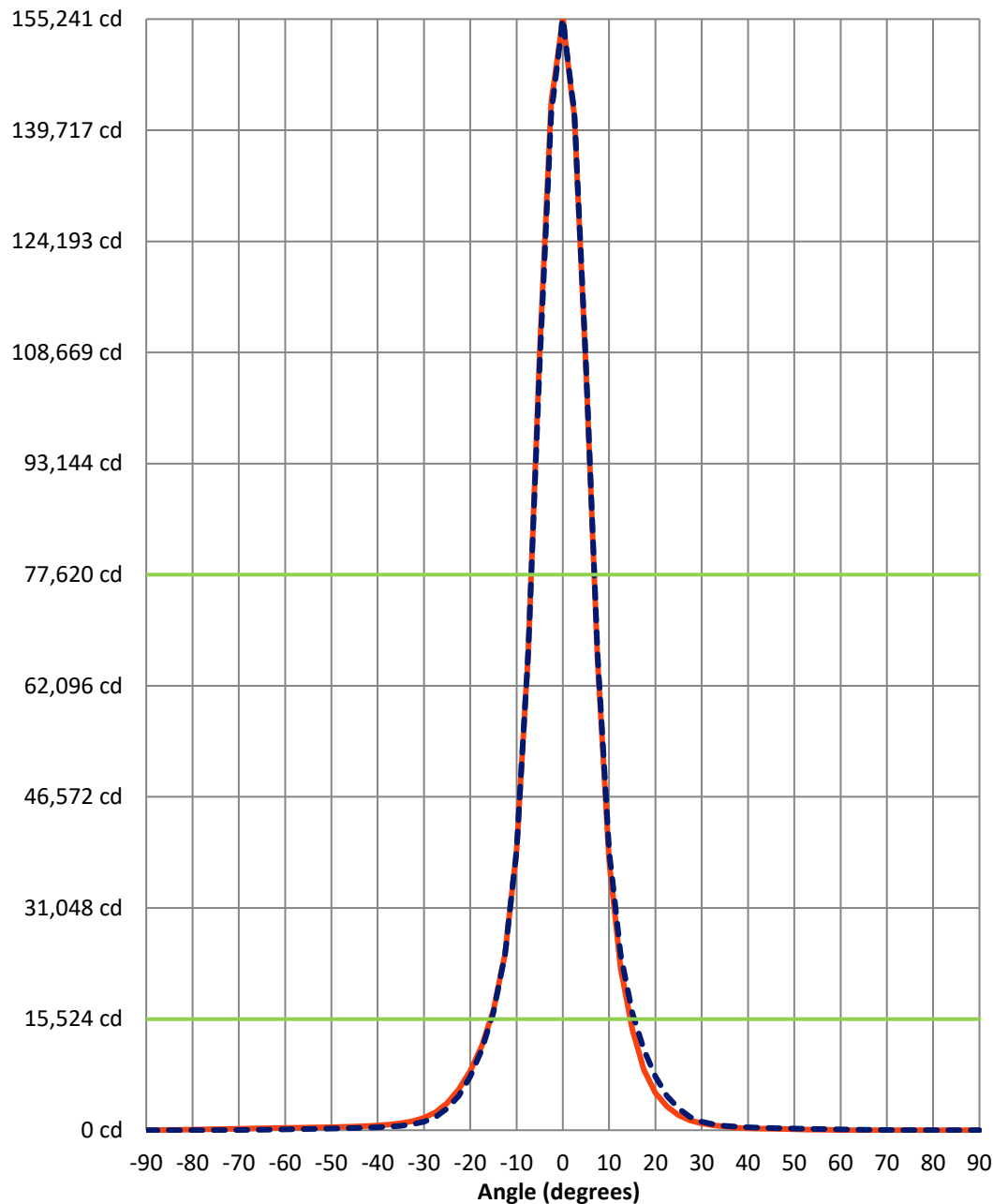
REPORT NUMBER: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2E-735-U-NR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-NR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 4889.2  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 10889.8  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 4425  
 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: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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	0.1	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	0.4	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	0.1	0.3	0.1	0.0	0.1	0.3	0.1
72.5°	0.0	0.5	0.1	0.0	0.4	0.5	0.2	0.2	0.7	0.7	0.3
70°	0.0	0.6	0.1	0.1	0.7	0.7	0.4	1.0	1.4	1.2	0.4
67.5°	0.0	0.7	0.2	0.4	1.0	1.0	1.2	1.9	2.1	1.3	0.6
65°	0.0	0.8	0.3	0.7	1.3	1.4	1.9	2.7	2.2	1.5	1.0
62.5°	0.0	0.8	0.3	1.1	1.7	1.9	2.6	3.1	2.3	1.7	2.1
60°	0.0	0.9	0.4	1.4	2.1	2.3	3.2	3.2	2.5	2.4	3.0
57.5°	0.0	1.0	0.7	1.7	2.3	2.7	3.3	3.3	2.8	2.9	3.3
55°	0.0	1.1	1.0	2.1	2.5	3.0	3.3	3.3	3.0	3.3	3.3
52.5°	0.0	1.2	1.2	2.5	2.7	3.3	3.3	3.3	3.2	3.3	3.3
50°	0.0	1.3	1.5	2.8	2.9	3.3	3.3	3.3	3.3	3.3	3.8
47.5°	0.0	1.4	1.7	3.1	3.1	3.3	3.3	3.3	3.3	3.3	4.6
45°	0.0	1.5	1.9	3.2	3.2	3.3	3.3	3.3	3.4	4.1	5.4
42.5°	0.0	1.6	2.1	3.3	3.3	3.3	3.3	3.4	3.6	5.0	7.3
40°	0.0	1.7	2.3	3.3	3.3	3.3	3.3	3.7	4.2	6.1	9.4
37.5°	0.0	1.8	2.5	3.3	3.3	3.3	3.3	4.0	5.3	7.6	11.5
35°	0.0	1.9	2.6	3.3	3.3	3.3	3.3	4.4	6.6	9.7	14.1
32.5°	0.0	2.0	2.7	3.3	3.3	3.3	3.4	4.9	7.8	11.7	17.5
30°	0.0	2.1	2.9	3.3	3.3	3.3	3.7	5.5	9.1	13.6	21.2
27.5°	0.0	2.3	3.0	3.3	3.3	3.3	4.1	6.5	10.6	15.4	25.2
25°	0.0	2.4	3.0	3.3	3.3	3.3	4.5	7.6	12.1	18.2	29.5
22.5°	0.0	2.5	3.1	3.3	3.3	3.4	4.9	8.6	13.6	21.5	34.5
20°	0.0	2.6	3.2	3.3	3.3	3.6	5.3	9.7	15.0	24.9	39.1
17.5°	0.0	2.7	3.2	3.3	3.3	3.9	5.9	10.7	16.3	28.2	43.4
15°	0.0	2.8	3.2	3.3	3.3	4.2	6.6	11.7	17.6	31.6	47.2
12.5°	0.0	2.9	3.3	3.3	3.3	4.6	7.2	12.7	19.2	34.8	50.7
10°	0.0	3.0	3.3	3.3	3.3	5.0	7.8	13.6	21.4	37.8	53.7
7.5°	0.0	3.1	3.3	3.3	3.3	5.4	8.4	14.4	23.5	40.4	56.4
5°	0.0	3.1	3.3	3.3	3.3	5.8	8.9	15.2	25.7	42.6	58.7
2.5°	0.0	3.2	3.3	3.3	3.3	6.2	9.4	15.8	27.7	44.5	60.7
0°	0.0	3.3	3.3	3.3	3.3	6.6	9.9	16.4	29.6	46.0	62.4
-2.5°	0.0	3.3	3.3	3.3	3.6	6.9	10.7	17.4	31.3	47.2	64.5
-5°	0.0	3.3	3.3	3.3	3.9	7.3	11.5	18.3	32.7	48.2	66.3
-7.5°	0.0	3.3	3.3	3.3	4.1	7.6	12.3	19.1	33.9	48.9	67.6
-10°	0.0	3.2	3.3	3.3	4.4	7.8	12.9	19.8	34.7	49.4	68.4
-12.5°	0.0	3.2	3.3	3.3	4.6	8.0	13.4	20.4	35.3	49.9	69.7
-15°	0.0	3.2	3.3	3.3	4.8	8.2	13.8	20.9	35.4	50.9	70.9
-17.5°	0.0	3.1	3.3	3.3	4.9	8.3	14.1	21.4	35.1	51.4	71.4
-20°	0.0	3.1	3.3	3.3	5.0	8.5	14.3	21.9	34.6	51.4	71.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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	3.0	3.3	3.3	5.1	8.5	14.5	22.1	33.9	50.8	70.5
-25°	0.0	3.0	3.3	3.3	5.0	8.7	14.6	22.2	32.8	49.6	69.0
-27.5°	0.0	2.9	3.3	3.3	5.0	9.0	14.6	22.2	31.5	48.0	67.5
-30°	0.0	2.9	3.3	3.3	4.8	9.1	14.5	21.9	30.8	46.2	65.2
-32.5°	0.0	2.8	3.3	3.3	4.8	9.2	14.4	21.7	30.4	44.1	62.1
-35°	0.0	2.7	3.3	3.3	4.8	9.1	14.3	21.4	29.8	41.8	58.2
-37.5°	0.0	2.6	3.3	3.3	4.7	9.0	14.3	21.0	29.0	39.2	55.9
-40°	0.0	2.5	3.3	3.3	4.5	8.9	14.1	20.5	27.9	37.5	53.9
-42.5°	0.0	2.4	3.3	3.3	4.4	8.6	13.8	19.9	27.0	36.7	51.3
-45°	0.0	2.3	3.3	3.4	4.6	8.3	13.3	19.3	26.2	35.6	48.5
-47.5°	0.0	2.2	3.3	3.5	4.6	7.8	12.8	18.6	25.3	34.1	46.6
-50°	0.0	2.1	3.3	3.5	4.7	7.3	12.2	17.8	24.3	32.8	44.2
-52.5°	0.0	2.0	3.3	3.6	4.7	6.7	11.4	16.8	23.1	31.0	41.4
-55°	0.0	1.9	3.3	3.6	4.7	6.5	10.5	15.7	21.7	28.6	38.3
-57.5°	0.0	1.8	3.3	3.6	4.6	6.4	9.5	14.5	20.2	26.6	34.7
-60°	0.0	1.6	3.3	3.5	4.5	6.2	8.6	13.1	18.4	24.4	31.1
-62.5°	0.0	1.5	3.0	3.5	4.4	5.9	8.1	11.6	16.5	22.1	28.3
-65°	0.0	1.4	2.8	3.5	4.2	5.6	7.6	10.2	14.5	19.6	25.3
-67.5°	0.0	1.3	2.5	3.4	4.0	5.3	7.0	9.4	12.3	16.9	22.0
-70°	0.0	1.1	2.3	3.3	3.8	4.9	6.4	8.5	11.0	14.0	18.6
-72.5°	0.0	1.0	2.0	3.0	3.6	4.4	5.7	7.5	9.6	12.2	15.2
-75°	0.0	0.9	1.7	2.6	3.3	4.0	5.0	6.5	8.2	10.3	12.9
-77.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	5.6	7.1	8.6	10.4
-80°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.7	6.1	7.4	8.7
-82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.7	5.0	6.2	7.4
-85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.5	3.4	4.4	5.5
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.2	1.7	2.2	2.8
-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: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.9	1.1	0.7	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.6	2.1	1.6	0.9	0.1	0.8	1.1	0.9	0.1	0.0	0.0
62.5°	3.1	2.6	1.8	1.4	1.9	2.5	1.9	1.1	0.3	1.6	2.3
60°	3.3	2.8	2.3	2.6	3.3	3.0	2.2	3.2	4.8	6.1	7.3
57.5°	3.3	3.1	3.0	3.6	3.7	3.7	5.8	7.8	10.9	13.5	15.4
55°	3.4	3.3	3.7	4.5	5.6	7.9	10.8	15.1	18.6	24.1	28.7
52.5°	3.7	3.7	5.0	6.7	10.0	13.6	18.7	24.9	31.9	37.2	42.8
50°	4.3	5.5	7.0	11.3	15.7	21.4	29.7	38.8	44.7	50.7	58.7
47.5°	5.9	7.5	11.6	16.5	22.9	31.9	43.5	50.0	55.8	65.2	75.2
45°	7.9	11.2	16.2	23.1	31.9	44.6	53.6	58.9	69.1	79.9	91.3
42.5°	10.1	15.4	22.3	29.5	43.4	55.4	63.6	72.1	82.4	95.0	107.3
40°	13.6	19.6	29.0	40.3	54.4	66.1	76.4	86.2	96.2	112.7	125.8
37.5°	17.3	26.0	36.6	50.6	65.2	78.1	89.6	101.9	116.2	134.8	146.6
35°	20.8	32.6	45.6	60.5	76.0	90.6	104.4	118.7	137.3	154.9	169.0
32.5°	25.8	39.3	53.9	70.1	86.0	102.6	119.4	136.4	154.7	172.8	191.3
30°	32.1	46.5	61.9	79.2	95.3	114.4	133.9	151.9	170.3	189.3	210.2
27.5°	38.3	53.3	69.9	87.4	104.2	126.0	147.0	165.8	184.7	205.2	229.0
25°	44.2	60.1	77.4	94.6	114.5	137.8	160.8	182.6	198.6	221.9	249.7
22.5°	49.7	66.7	85.4	101.2	124.3	149.7	176.5	199.9	218.9	239.7	271.2
20°	55.3	73.5	92.8	110.5	134.2	161.5	193.2	217.4	241.0	267.8	300.0
17.5°	60.6	79.9	100.1	121.1	146.2	174.5	210.5	235.1	263.3	295.3	335.9
15°	65.5	85.8	107.5	131.1	157.0	187.4	222.2	252.9	286.6	323.6	371.5
12.5°	70.2	91.2	114.7	140.3	166.5	198.6	231.9	264.7	303.4	351.8	412.2
10°	74.5	96.1	121.7	148.7	174.7	208.0	240.6	274.6	315.5	368.7	437.8
7.5°	78.0	101.0	128.4	156.4	181.9	215.7	248.0	282.8	325.6	382.6	455.0
5°	81.0	106.2	134.6	161.3	187.8	222.4	254.3	289.3	333.7	393.5	467.3
2.5°	83.4	110.9	140.0	164.9	192.9	228.5	259.3	296.5	341.9	402.0	478.9
0°	85.4	115.0	144.6	167.6	197.2	233.3	262.9	302.3	348.3	407.5	489.6
-2.5°	89.4	118.4	147.3	170.7	201.7	234.1	265.3	303.1	350.8	411.7	491.6
-5°	92.8	121.2	149.3	173.0	205.1	234.0	266.2	302.4	351.6	414.2	495.2
-7.5°	95.4	123.4	150.6	174.9	206.9	235.1	267.7	304.8	354.2	416.4	499.8
-10°	97.0	124.9	151.7	177.2	207.3	236.2	268.3	305.3	353.7	415.0	497.3
-12.5°	97.9	125.8	152.2	178.5	207.2	236.1	267.5	303.9	350.1	409.8	487.1
-15°	98.2	126.1	152.2	178.6	206.7	234.7	265.4	300.4	343.6	401.0	471.2
-17.5°	97.9	125.9	151.6	177.6	206.0	232.0	262.2	295.7	337.0	390.6	458.3
-20°	97.0	125.2	150.4	175.2	204.9	229.5	258.9	291.3	330.1	378.7	439.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	95.6	124.0	148.8	172.8	201.2	227.1	254.6	285.6	320.3	364.2	418.0
-25°	94.0	121.7	146.7	171.0	197.1	223.6	249.2	278.7	310.6	352.8	401.2
-27.5°	91.9	118.8	143.8	168.4	192.7	218.8	243.9	271.7	303.3	340.5	383.7
-30°	88.9	114.8	139.8	164.9	188.8	213.4	237.6	264.1	293.8	329.0	368.9
-32.5°	85.1	110.4	134.8	159.6	184.5	207.9	230.7	256.2	284.1	314.9	352.9
-35°	81.2	105.6	129.4	153.0	179.3	201.8	223.8	247.1	273.2	301.8	332.7
-37.5°	77.6	100.4	123.6	145.9	170.8	194.3	215.7	237.9	261.9	288.2	316.2
-40°	73.6	94.9	117.6	139.3	161.1	185.1	206.4	227.8	250.0	276.4	301.4
-42.5°	69.6	90.2	111.2	132.5	153.3	174.8	196.1	216.6	240.0	265.0	289.5
-45°	66.1	85.4	104.8	125.5	146.1	165.4	185.4	204.6	228.4	253.3	277.3
-47.5°	62.1	80.4	99.2	118.0	138.1	157.5	175.4	194.8	215.1	238.6	263.7
-50°	58.0	75.3	92.7	110.3	129.5	148.8	167.0	184.9	204.1	223.4	245.1
-52.5°	54.5	69.6	85.7	101.9	120.0	138.9	157.3	175.3	192.9	211.1	229.6
-55°	50.4	64.2	78.4	93.6	109.4	127.5	145.8	163.3	181.3	198.3	216.4
-57.5°	45.8	58.2	71.1	85.3	99.7	114.6	132.3	149.7	166.6	183.8	202.5
-60°	40.5	51.6	63.4	76.5	90.5	104.1	118.5	134.6	150.9	167.2	184.5
-62.5°	35.1	44.7	55.4	66.8	79.7	93.1	106.2	119.9	134.6	148.7	163.7
-65°	31.5	38.3	47.2	57.4	68.0	79.9	92.3	105.0	117.9	129.9	141.5
-67.5°	27.7	33.8	40.4	47.9	57.5	67.6	77.5	88.8	100.4	111.5	122.3
-70°	23.6	29.0	34.9	41.1	48.0	56.2	65.5	74.6	83.4	92.7	102.7
-72.5°	19.3	24.0	29.1	34.5	40.3	46.9	54.0	61.8	69.7	77.4	85.2
-75°	15.9	19.0	23.1	27.7	32.7	37.9	43.0	49.2	55.9	62.6	69.2
-77.5°	13.1	15.9	18.8	21.6	25.2	29.9	34.5	39.0	43.7	48.8	54.2
-80°	10.7	12.9	15.4	18.0	20.5	23.3	26.6	30.2	33.4	36.8	40.5
-82.5°	8.9	10.6	12.4	14.4	15.9	17.4	19.1	21.2	23.4	25.6	28.0
-85°	6.8	8.2	9.5	10.8	11.5	12.2	13.0	13.9	15.3	16.7	18.1
-87.5°	3.4	4.1	4.9	5.7	6.0	6.4	6.7	7.0	7.9	8.8	9.8
-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: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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	0.6	0.8	0.7	0.3	0.0	0.0
62.5°	1.9	1.6	2.6	3.4	3.8	3.6	3.4	3.0	2.6	2.4	2.7
60°	7.9	7.7	10.8	12.3	11.2	7.9	12.4	14.6	14.0	12.0	12.0
57.5°	19.3	23.4	26.4	27.8	32.1	39.1	40.5	38.2	37.3	38.1	44.0
55°	33.5	36.8	38.5	44.4	49.7	53.6	55.9	58.2	61.5	65.6	69.9
52.5°	47.3	51.8	55.3	60.7	67.1	69.3	68.7	76.8	83.2	87.2	88.9
50°	64.9	70.6	78.8	87.2	90.8	94.4	98.1	104.8	114.5	126.6	133.5
47.5°	83.9	93.0	101.5	111.1	115.9	119.7	125.2	136.9	150.7	163.7	170.5
45°	101.1	109.1	118.9	127.2	133.1	140.4	148.4	158.9	174.4	188.1	197.5
42.5°	114.8	123.9	134.0	143.9	150.0	159.8	172.1	186.4	202.6	216.8	227.2
40°	134.1	141.7	157.8	167.3	169.7	178.9	203.4	223.0	241.3	258.8	267.4
37.5°	157.4	172.3	189.0	197.7	206.1	222.3	255.2	286.7	310.1	333.7	346.6
35°	183.8	203.5	226.2	236.4	254.6	289.8	328.4	372.3	426.9	449.8	470.6
32.5°	209.6	231.6	252.6	275.4	307.1	349.2	392.7	463.9	530.3	581.8	619.4
30°	232.4	255.7	281.8	311.1	355.9	413.8	486.5	578.6	672.3	754.1	823.2
27.5°	254.9	281.5	312.5	356.2	419.2	497.9	614.0	745.4	901.8	1017.0	1154.5
25°	279.6	310.0	349.7	413.2	498.2	615.9	801.4	1014.8	1271.2	1479.1	1696.7
22.5°	308.9	353.7	404.1	474.9	623.3	817.2	1070.7	1435.3	1829.8	2194.5	2545.7
20°	344.2	405.6	486.4	616.8	807.3	1093.9	1534.4	2116.3	2696.4	3314.2	3908.9
17.5°	394.6	483.1	608.7	794.2	1045.3	1612.2	2327.0	3227.0	4383.2	5431.0	6345.9
15°	441.9	547.6	746.0	1023.3	1461.2	2212.7	3298.2	4783.7	6585.7	8228.0	9962.5
12.5°	491.6	616.3	844.2	1197.2	1805.8	2784.0	4309.6	6345.0	8601.4	11076.5	13895.8
10°	530.9	682.4	955.2	1402.9	2153.0	3371.2	5188.4	7656.8	10655.3	14318.3	18825.0
7.5°	557.5	735.3	1046.9	1553.4	2472.7	3971.7	6159.2	9126.2	12874.8	17727.5	24033.6
5°	578.2	775.7	1115.8	1690.6	2743.0	4430.0	6878.5	10412.9	14847.2	21349.0	32036.3
2.5°	594.9	806.6	1158.4	1785.1	2912.7	4749.1	7361.0	11140.8	16021.4	24026.5	37891.8
0°	607.9	834.6	1186.2	1843.4	3042.8	4781.0	7511.7	11274.0	16442.8	24509.8	39151.9
-2.5°	613.4	849.6	1195.8	1856.2	3029.7	4835.8	7557.6	11380.4	16427.0	24245.0	37744.6
-5°	622.7	849.4	1188.6	1843.1	2961.8	4694.2	7257.5	10785.0	15436.0	22159.8	33219.7
-7.5°	629.3	835.8	1154.2	1759.6	2784.0	4387.9	6730.1	9798.4	13632.2	18737.5	25587.3
-10°	623.2	809.8	1096.8	1619.5	2507.6	3896.6	5928.1	8496.0	11682.3	15465.7	20119.6
-12.5°	599.8	761.8	1003.2	1423.3	2149.5	3346.2	5121.2	7307.6	9665.9	12323.1	15538.9
-15°	570.1	710.1	918.8	1288.7	1884.1	2800.8	4096.6	5870.3	7762.2	9779.6	11930.9
-17.5°	547.0	664.6	837.5	1105.3	1543.2	2272.1	3290.4	4550.4	5940.7	7476.7	8751.5
-20°	515.8	608.7	753.8	972.5	1306.7	1789.5	2531.2	3446.6	4364.0	5443.9	6324.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	484.5	565.4	675.9	835.9	1084.5	1449.3	1907.6	2518.8	3189.7	3809.5	4419.7
-25°	455.4	517.7	607.1	738.4	907.0	1156.0	1482.1	1832.8	2275.0	2652.3	3071.0
-27.5°	431.9	485.4	551.3	647.6	778.4	938.6	1172.1	1407.1	1639.7	1830.1	2118.4
-30°	409.2	452.3	507.4	576.1	674.1	797.6	949.2	1101.6	1235.8	1358.2	1508.3
-32.5°	386.9	422.0	464.2	521.2	591.6	684.4	777.5	886.8	980.0	1066.1	1145.8
-35°	364.5	395.8	427.9	476.0	532.1	598.0	665.8	739.8	804.3	862.3	913.6
-37.5°	344.3	371.8	402.1	437.8	483.0	532.6	588.0	641.7	684.4	722.0	753.1
-40°	327.3	352.2	378.2	406.8	441.2	480.4	527.4	572.2	602.1	625.0	643.9
-42.5°	312.0	334.0	356.1	380.4	406.8	440.7	477.8	514.8	535.1	552.9	566.5
-45°	299.8	316.7	335.3	356.0	379.5	407.8	437.0	462.6	480.6	495.9	507.2
-47.5°	283.7	299.9	316.0	333.2	355.0	378.6	402.7	422.4	438.1	451.5	460.2
-50°	265.9	283.0	297.8	312.8	332.9	352.9	372.4	388.6	403.6	416.7	423.5
-52.5°	247.5	265.9	281.3	296.1	312.9	330.4	347.9	361.8	374.9	387.2	392.4
-55°	234.3	251.1	267.1	280.9	294.8	308.8	323.1	337.5	350.6	362.2	365.7
-57.5°	220.0	237.1	252.9	265.3	277.9	290.5	303.6	316.6	329.2	340.4	343.2
-60°	202.5	221.1	235.1	246.9	259.1	271.5	282.9	294.5	306.2	316.0	319.1
-62.5°	180.3	197.3	211.1	223.5	235.3	246.1	257.2	268.0	278.5	286.2	288.8
-65°	153.6	168.1	182.4	195.3	206.9	217.4	227.6	237.5	247.0	253.9	257.2
-67.5°	132.7	143.1	154.5	165.6	177.3	188.1	197.3	206.0	214.2	219.9	223.6
-70°	112.5	122.4	133.1	143.7	153.8	162.6	169.9	177.1	184.1	189.2	193.0
-72.5°	93.1	101.5	110.5	119.8	129.1	137.0	143.7	150.1	156.1	160.5	164.0
-75°	75.6	82.5	90.1	97.6	105.1	111.4	117.1	122.6	127.9	131.8	135.0
-77.5°	59.9	65.8	71.7	77.7	83.6	88.1	92.3	96.3	100.2	103.3	106.1
-80°	44.4	49.0	53.7	58.5	63.2	66.7	69.8	72.8	75.6	77.4	78.9
-82.5°	30.4	33.6	36.9	40.2	43.6	46.1	48.6	51.1	53.5	54.3	54.9
-85°	19.4	21.0	22.7	24.5	26.5	27.9	29.2	30.5	31.8	32.9	33.9
-87.5°	10.7	11.0	11.3	11.6	11.9	12.9	13.9	14.8	15.8	16.0	16.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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	0.3	0.7
62.5°	3.0	3.2	3.3	3.3	3.3	3.2	3.0	2.7	2.4	2.6	3.0
60°	11.3	10.0	9.8	9.9	9.8	10.0	11.3	12.0	12.0	14.0	14.6
57.5°	50.0	55.5	57.1	55.9	57.1	55.5	50.0	44.0	38.1	37.3	38.2
55°	72.8	74.5	75.3	75.6	75.3	74.5	72.8	69.9	65.6	61.5	58.2
52.5°	89.2	88.6	88.5	88.7	88.5	88.6	89.2	88.9	87.2	83.2	76.8
50°	134.0	131.6	130.6	131.4	130.6	131.6	134.0	133.5	126.6	114.5	104.8
47.5°	171.4	172.2	173.3	174.2	173.3	172.2	171.4	170.5	163.7	150.7	136.9
45°	200.1	201.9	203.1	203.7	203.1	201.9	200.1	197.5	188.1	174.4	158.9
42.5°	229.5	229.7	229.4	230.0	229.4	229.7	229.5	227.2	216.8	202.6	186.4
40°	271.0	271.8	270.9	269.4	270.9	271.8	271.0	267.4	258.8	241.3	223.0
37.5°	354.1	355.3	351.4	348.3	351.4	355.3	354.1	346.6	333.7	310.1	286.7
35°	489.7	503.8	510.4	512.6	510.4	503.8	489.7	470.6	449.8	426.9	372.3
32.5°	645.4	665.0	674.8	683.5	674.8	665.0	645.4	619.4	581.8	530.3	463.9
30°	868.6	904.6	920.5	943.1	920.5	904.6	868.6	823.2	754.1	672.3	578.6
27.5°	1232.6	1296.0	1331.1	1363.7	1331.1	1296.0	1232.6	1154.5	1017.0	901.8	745.4
25°	1854.8	1976.9	2055.9	2093.1	2055.9	1976.9	1854.8	1696.7	1479.1	1271.2	1014.8
22.5°	2885.5	3110.5	3284.0	3318.8	3284.0	3110.5	2885.5	2545.7	2194.5	1829.8	1435.3
20°	4485.9	4807.8	5069.7	5201.6	5069.7	4807.8	4485.9	3908.9	3314.2	2696.4	2116.3
17.5°	7435.5	8105.2	8411.1	8461.3	8411.1	8105.2	7435.5	6345.9	5431.0	4383.2	3227.0
15°	11823.7	12956.9	13676.2	14139.4	13676.2	12956.9	11823.7	9962.5	8228.0	6585.7	4783.7
12.5°	16830.5	20050.4	21882.5	22581.0	21882.5	20050.4	16830.5	13895.8	11076.5	8601.4	6345.0
10°	23625.9	31205.8	35578.2	37778.4	35578.2	31205.8	23625.9	18825.0	14318.3	10655.3	7656.8
7.5°	35159.1	46866.4	59837.6	65838.7	59837.6	46866.4	35159.1	24033.6	17727.5	12874.8	9126.2
5°	47283.4	72987.8	95548.9	106352.6	95548.9	72987.8	47283.4	32036.3	21349.0	14847.2	10412.9
2.5°	61218.3	95883.2	127933.8	141410.3	127933.8	95883.2	61218.3	37891.8	24026.5	16021.4	11140.8
0°	66581.3	106960.5	142013.2	155240.8	142013.2	106960.5	66581.3	39151.9	24509.8	16442.8	11274.0
-2.5°	62047.3	97562.6	128484.4	143598.7	128484.4	97562.6	62047.3	37744.6	24245.0	16427.0	11380.4
-5°	49299.8	73390.1	96290.7	108606.8	96290.7	73390.1	49299.8	33219.7	22159.8	15436.0	10785.0
-7.5°	36183.0	49297.5	62015.7	66463.0	62015.7	49297.5	36183.0	25587.3	18737.5	13632.2	9798.4
-10°	25191.3	32701.2	37658.4	39073.1	37658.4	32701.2	25191.3	20119.6	15465.7	11682.3	8496.0
-12.5°	18676.8	21961.6	24247.1	24644.5	24247.1	21961.6	18676.8	15538.9	12323.1	9665.9	7307.6
-15°	13829.7	15500.1	16678.9	16758.3	16678.9	15500.1	13829.7	11930.9	9779.6	7762.2	5870.3
-17.5°	10109.6	11230.9	11825.8	11783.4	11825.8	11230.9	10109.6	8751.5	7476.7	5940.7	4550.4
-20°	7228.9	7904.8	8384.1	8290.4	8384.1	7904.8	7228.9	6324.6	5443.9	4364.0	3446.6



REPORT NUMBER: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	5040.5	5489.2	5770.1	5697.8	5770.1	5489.2	5040.5	4419.7	3809.5	3189.7	2518.8
-25°	3425.0	3669.5	3808.6	3785.4	3808.6	3669.5	3425.0	3071.0	2652.3	2275.0	1832.8
-27.5°	2333.9	2463.1	2506.2	2503.9	2506.2	2463.1	2333.9	2118.4	1830.1	1639.7	1407.1
-30°	1620.0	1706.7	1756.3	1725.1	1756.3	1706.7	1620.0	1508.3	1358.2	1235.8	1101.6
-32.5°	1207.4	1256.3	1284.6	1255.2	1284.6	1256.3	1207.4	1145.8	1066.1	980.0	886.8
-35°	951.5	976.2	986.2	969.4	986.2	976.2	951.5	913.6	862.3	804.3	739.8
-37.5°	775.8	790.3	795.2	785.3	795.2	790.3	775.8	753.1	722.0	684.4	641.7
-40°	657.3	666.2	668.4	660.5	668.4	666.2	657.3	643.9	625.0	602.1	572.2
-42.5°	575.2	580.5	581.7	578.3	581.7	580.5	575.2	566.5	552.9	535.1	514.8
-45°	514.0	518.6	519.4	515.9	519.4	518.6	514.0	507.2	495.9	480.6	462.6
-47.5°	464.5	467.3	468.0	466.6	468.0	467.3	464.5	460.2	451.5	438.1	422.4
-50°	426.6	428.6	428.8	427.2	428.8	428.6	426.6	423.5	416.7	403.6	388.6
-52.5°	394.9	396.2	397.2	397.6	397.2	396.2	394.9	392.4	387.2	374.9	361.8
-55°	368.1	369.9	370.9	371.3	370.9	369.9	368.1	365.7	362.2	350.6	337.5
-57.5°	345.4	347.0	348.0	348.3	348.0	347.0	345.4	343.2	340.4	329.2	316.6
-60°	321.7	323.7	324.9	325.3	324.9	323.7	321.7	319.1	316.0	306.2	294.5
-62.5°	290.4	291.3	292.1	292.4	292.1	291.3	290.4	288.8	286.2	278.5	268.0
-65°	259.8	261.6	262.6	262.9	262.6	261.6	259.8	257.2	253.9	247.0	237.5
-67.5°	226.5	228.8	231.2	233.3	231.2	228.8	226.5	223.6	219.9	214.2	206.0
-70°	196.4	199.3	200.2	200.4	200.2	199.3	196.4	193.0	189.2	184.1	177.1
-72.5°	167.2	169.9	172.3	174.2	172.3	169.9	167.2	164.0	160.5	156.1	150.1
-75°	137.9	140.5	141.1	141.3	141.1	140.5	137.9	135.0	131.8	127.9	122.6
-77.5°	108.7	111.0	111.6	111.7	111.6	111.0	108.7	106.1	103.3	100.2	96.3
-80°	80.4	81.7	83.6	85.4	83.6	81.7	80.4	78.9	77.4	75.6	72.8
-82.5°	55.4	55.7	55.8	55.9	55.8	55.7	55.4	54.9	54.3	53.5	51.1
-85°	35.0	35.9	36.1	36.1	36.1	35.9	35.0	33.9	32.9	31.8	30.5
-87.5°	16.3	16.3	16.4	16.4	16.4	16.3	16.3	16.2	16.0	15.8	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: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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	0.2
65°	0.8	0.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.9
62.5°	3.4	3.6	3.8	3.4	2.6	1.6	1.9	2.3	1.6	0.3	1.1
60°	12.4	7.9	11.2	12.3	10.8	7.7	7.9	7.3	6.1	4.8	3.2
57.5°	40.5	39.1	32.1	27.8	26.4	23.4	19.3	15.4	13.5	10.9	7.8
55°	55.9	53.6	49.7	44.4	38.5	36.8	33.5	28.7	24.1	18.6	15.1
52.5°	68.7	69.3	67.1	60.7	55.3	51.8	47.3	42.8	37.2	31.9	24.9
50°	98.1	94.4	90.8	87.2	78.8	70.6	64.9	58.7	50.7	44.7	38.8
47.5°	125.2	119.7	115.9	111.1	101.5	93.0	83.9	75.2	65.2	55.8	50.0
45°	148.4	140.4	133.1	127.2	118.9	109.1	101.1	91.3	79.9	69.1	58.9
42.5°	172.1	159.8	150.0	143.9	134.0	123.9	114.8	107.3	95.0	82.4	72.1
40°	203.4	178.9	169.7	167.3	157.8	141.7	134.1	125.8	112.7	96.2	86.2
37.5°	255.2	222.3	206.1	197.7	189.0	172.3	157.4	146.6	134.8	116.2	101.9
35°	328.4	289.8	254.6	236.4	226.2	203.5	183.8	169.0	154.9	137.3	118.7
32.5°	392.7	349.2	307.1	275.4	252.6	231.6	209.6	191.3	172.8	154.7	136.4
30°	486.5	413.8	355.9	311.1	281.8	255.7	232.4	210.2	189.3	170.3	151.9
27.5°	614.0	497.9	419.2	356.2	312.5	281.5	254.9	229.0	205.2	184.7	165.8
25°	801.4	615.9	498.2	413.2	349.7	310.0	279.6	249.7	221.9	198.6	182.6
22.5°	1070.7	817.2	623.3	474.9	404.1	353.7	308.9	271.2	239.7	218.9	199.9
20°	1534.4	1093.9	807.3	616.8	486.4	405.6	344.2	300.0	267.8	241.0	217.4
17.5°	2327.0	1612.2	1045.3	794.2	608.7	483.1	394.6	335.9	295.3	263.3	235.1
15°	3298.2	2212.7	1461.2	1023.3	746.0	547.6	441.9	371.5	323.6	286.6	252.9
12.5°	4309.6	2784.0	1805.8	1197.2	844.2	616.3	491.6	412.2	351.8	303.4	264.7
10°	5188.4	3371.2	2153.0	1402.9	955.2	682.4	530.9	437.8	368.7	315.5	274.6
7.5°	6159.2	3971.7	2472.7	1553.4	1046.9	735.3	557.5	455.0	382.6	325.6	282.8
5°	6878.5	4430.0	2743.0	1690.6	1115.8	775.7	578.2	467.3	393.5	333.7	289.3
2.5°	7361.0	4749.1	2912.7	1785.1	1158.4	806.6	594.9	478.9	402.0	341.9	296.5
0°	7511.7	4781.0	3042.8	1843.4	1186.2	834.6	607.9	489.6	407.5	348.3	302.3
-2.5°	7557.6	4835.8	3029.7	1856.2	1195.8	849.6	613.4	491.6	411.7	350.8	303.1
-5°	7257.5	4694.2	2961.8	1843.1	1188.6	849.4	622.7	495.2	414.2	351.6	302.4
-7.5°	6730.1	4387.9	2784.0	1759.6	1154.2	835.8	629.3	499.8	416.4	354.2	304.8
-10°	5928.1	3896.6	2507.6	1619.5	1096.8	809.8	623.2	497.3	415.0	353.7	305.3
-12.5°	5121.2	3346.2	2149.5	1423.3	1003.2	761.8	599.8	487.1	409.8	350.1	303.9
-15°	4096.6	2800.8	1884.1	1288.7	918.8	710.1	570.1	471.2	401.0	343.6	300.4
-17.5°	3290.4	2272.1	1543.2	1105.3	837.5	664.6	547.0	458.3	390.6	337.0	295.7
-20°	2531.2	1789.5	1306.7	972.5	753.8	608.7	515.8	439.2	378.7	330.1	291.3



Classified

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

Scaled Data Report



REPORT NUMBER: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	1907.6	1449.3	1084.5	835.9	675.9	565.4	484.5	418.0	364.2	320.3	285.6
-25°	1482.1	1156.0	907.0	738.4	607.1	517.7	455.4	401.2	352.8	310.6	278.7
-27.5°	1172.1	938.6	778.4	647.6	551.3	485.4	431.9	383.7	340.5	303.3	271.7
-30°	949.2	797.6	674.1	576.1	507.4	452.3	409.2	368.9	329.0	293.8	264.1
-32.5°	777.5	684.4	591.6	521.2	464.2	422.0	386.9	352.9	314.9	284.1	256.2
-35°	665.8	598.0	532.1	476.0	427.9	395.8	364.5	332.7	301.8	273.2	247.1
-37.5°	588.0	532.6	483.0	437.8	402.1	371.8	344.3	316.2	288.2	261.9	237.9
-40°	527.4	480.4	441.2	406.8	378.2	352.2	327.3	301.4	276.4	250.0	227.8
-42.5°	477.8	440.7	406.8	380.4	356.1	334.0	312.0	289.5	265.0	240.0	216.6
-45°	437.0	407.8	379.5	356.0	335.3	316.7	299.8	277.3	253.3	228.4	204.6
-47.5°	402.7	378.6	355.0	333.2	316.0	299.9	283.7	263.7	238.6	215.1	194.8
-50°	372.4	352.9	332.9	312.8	297.8	283.0	265.9	245.1	223.4	204.1	184.9
-52.5°	347.9	330.4	312.9	296.1	281.3	265.9	247.5	229.6	211.1	192.9	175.3
-55°	323.1	308.8	294.8	280.9	267.1	251.1	234.3	216.4	198.3	181.3	163.3
-57.5°	303.6	290.5	277.9	265.3	252.9	237.1	220.0	202.5	183.8	166.6	149.7
-60°	282.9	271.5	259.1	246.9	235.1	221.1	202.5	184.5	167.2	150.9	134.6
-62.5°	257.2	246.1	235.3	223.5	211.1	197.3	180.3	163.7	148.7	134.6	119.9
-65°	227.6	217.4	206.9	195.3	182.4	168.1	153.6	141.5	129.9	117.9	105.0
-67.5°	197.3	188.1	177.3	165.6	154.5	143.1	132.7	122.3	111.5	100.4	88.8
-70°	169.9	162.6	153.8	143.7	133.1	122.4	112.5	102.7	92.7	83.4	74.6
-72.5°	143.7	137.0	129.1	119.8	110.5	101.5	93.1	85.2	77.4	69.7	61.8
-75°	117.1	111.4	105.1	97.6	90.1	82.5	75.6	69.2	62.6	55.9	49.2
-77.5°	92.3	88.1	83.6	77.7	71.7	65.8	59.9	54.2	48.8	43.7	39.0
-80°	69.8	66.7	63.2	58.5	53.7	49.0	44.4	40.5	36.8	33.4	30.2
-82.5°	48.6	46.1	43.6	40.2	36.9	33.6	30.4	28.0	25.6	23.4	21.2
-85°	29.2	27.9	26.5	24.5	22.7	21.0	19.4	18.1	16.7	15.3	13.9
-87.5°	13.9	12.9	11.9	11.6	11.3	11.0	10.7	9.8	8.8	7.9	7.0
-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: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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	0.1	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	0.7	0.2
70°	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.4	1.2	1.4	1.0
67.5°	0.0	0.0	0.0	0.7	1.1	0.9	0.2	0.6	1.3	2.1	1.9
65°	1.1	0.8	0.1	0.9	1.6	2.1	1.6	1.0	1.5	2.2	2.7
62.5°	1.9	2.5	1.9	1.4	1.8	2.6	3.1	2.1	1.7	2.3	3.1
60°	2.2	3.0	3.3	2.6	2.3	2.8	3.3	3.0	2.4	2.5	3.2
57.5°	5.8	3.7	3.7	3.6	3.0	3.1	3.3	3.3	2.9	2.8	3.3
55°	10.8	7.9	5.6	4.5	3.7	3.3	3.4	3.3	3.3	3.0	3.3
52.5°	18.7	13.6	10.0	6.7	5.0	3.7	3.7	3.3	3.3	3.2	3.3
50°	29.7	21.4	15.7	11.3	7.0	5.5	4.3	3.8	3.3	3.3	3.3
47.5°	43.5	31.9	22.9	16.5	11.6	7.5	5.9	4.6	3.3	3.3	3.3
45°	53.6	44.6	31.9	23.1	16.2	11.2	7.9	5.4	4.1	3.4	3.3
42.5°	63.6	55.4	43.4	29.5	22.3	15.4	10.1	7.3	5.0	3.6	3.4
40°	76.4	66.1	54.4	40.3	29.0	19.6	13.6	9.4	6.1	4.2	3.7
37.5°	89.6	78.1	65.2	50.6	36.6	26.0	17.3	11.5	7.6	5.3	4.0
35°	104.4	90.6	76.0	60.5	45.6	32.6	20.8	14.1	9.7	6.6	4.4
32.5°	119.4	102.6	86.0	70.1	53.9	39.3	25.8	17.5	11.7	7.8	4.9
30°	133.9	114.4	95.3	79.2	61.9	46.5	32.1	21.2	13.6	9.1	5.5
27.5°	147.0	126.0	104.2	87.4	69.9	53.3	38.3	25.2	15.4	10.6	6.5
25°	160.8	137.8	114.5	94.6	77.4	60.1	44.2	29.5	18.2	12.1	7.6
22.5°	176.5	149.7	124.3	101.2	85.4	66.7	49.7	34.5	21.5	13.6	8.6
20°	193.2	161.5	134.2	110.5	92.8	73.5	55.3	39.1	24.9	15.0	9.7
17.5°	210.5	174.5	146.2	121.1	100.1	79.9	60.6	43.4	28.2	16.3	10.7
15°	222.2	187.4	157.0	131.1	107.5	85.8	65.5	47.2	31.6	17.6	11.7
12.5°	231.9	198.6	166.5	140.3	114.7	91.2	70.2	50.7	34.8	19.2	12.7
10°	240.6	208.0	174.7	148.7	121.7	96.1	74.5	53.7	37.8	21.4	13.6
7.5°	248.0	215.7	181.9	156.4	128.4	101.0	78.0	56.4	40.4	23.5	14.4
5°	254.3	222.4	187.8	161.3	134.6	106.2	81.0	58.7	42.6	25.7	15.2
2.5°	259.3	228.5	192.9	164.9	140.0	110.9	83.4	60.7	44.5	27.7	15.8
0°	262.9	233.3	197.2	167.6	144.6	115.0	85.4	62.4	46.0	29.6	16.4
-2.5°	265.3	234.1	201.7	170.7	147.3	118.4	89.4	64.5	47.2	31.3	17.4
-5°	266.2	234.0	205.1	173.0	149.3	121.2	92.8	66.3	48.2	32.7	18.3
-7.5°	267.7	235.1	206.9	174.9	150.6	123.4	95.4	67.6	48.9	33.9	19.1
-10°	268.3	236.2	207.3	177.2	151.7	124.9	97.0	68.4	49.4	34.7	19.8
-12.5°	267.5	236.1	207.2	178.5	152.2	125.8	97.9	69.7	49.9	35.3	20.4
-15°	265.4	234.7	206.7	178.6	152.2	126.1	98.2	70.9	50.9	35.4	20.9
-17.5°	262.2	232.0	206.0	177.6	151.6	125.9	97.9	71.4	51.4	35.1	21.4
-20°	258.9	229.5	204.9	175.2	150.4	125.2	97.0	71.3	51.4	34.6	21.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	254.6	227.1	201.2	172.8	148.8	124.0	95.6	70.5	50.8	33.9	22.1
-25°	249.2	223.6	197.1	171.0	146.7	121.7	94.0	69.0	49.6	32.8	22.2
-27.5°	243.9	218.8	192.7	168.4	143.8	118.8	91.9	67.5	48.0	31.5	22.2
-30°	237.6	213.4	188.8	164.9	139.8	114.8	88.9	65.2	46.2	30.8	21.9
-32.5°	230.7	207.9	184.5	159.6	134.8	110.4	85.1	62.1	44.1	30.4	21.7
-35°	223.8	201.8	179.3	153.0	129.4	105.6	81.2	58.2	41.8	29.8	21.4
-37.5°	215.7	194.3	170.8	145.9	123.6	100.4	77.6	55.9	39.2	29.0	21.0
-40°	206.4	185.1	161.1	139.3	117.6	94.9	73.6	53.9	37.5	27.9	20.5
-42.5°	196.1	174.8	153.3	132.5	111.2	90.2	69.6	51.3	36.7	27.0	19.9
-45°	185.4	165.4	146.1	125.5	104.8	85.4	66.1	48.5	35.6	26.2	19.3
-47.5°	175.4	157.5	138.1	118.0	99.2	80.4	62.1	46.6	34.1	25.3	18.6
-50°	167.0	148.8	129.5	110.3	92.7	75.3	58.0	44.2	32.8	24.3	17.8
-52.5°	157.3	138.9	120.0	101.9	85.7	69.6	54.5	41.4	31.0	23.1	16.8
-55°	145.8	127.5	109.4	93.6	78.4	64.2	50.4	38.3	28.6	21.7	15.7
-57.5°	132.3	114.6	99.7	85.3	71.1	58.2	45.8	34.7	26.6	20.2	14.5
-60°	118.5	104.1	90.5	76.5	63.4	51.6	40.5	31.1	24.4	18.4	13.1
-62.5°	106.2	93.1	79.7	66.8	55.4	44.7	35.1	28.3	22.1	16.5	11.6
-65°	92.3	79.9	68.0	57.4	47.2	38.3	31.5	25.3	19.6	14.5	10.2
-67.5°	77.5	67.6	57.5	47.9	40.4	33.8	27.7	22.0	16.9	12.3	9.4
-70°	65.5	56.2	48.0	41.1	34.9	29.0	23.6	18.6	14.0	11.0	8.5
-72.5°	54.0	46.9	40.3	34.5	29.1	24.0	19.3	15.2	12.2	9.6	7.5
-75°	43.0	37.9	32.7	27.7	23.1	19.0	15.9	12.9	10.3	8.2	6.5
-77.5°	34.5	29.9	25.2	21.6	18.8	15.9	13.1	10.4	8.6	7.1	5.6
-80°	26.6	23.3	20.5	18.0	15.4	12.9	10.7	8.7	7.4	6.1	4.7
-82.5°	19.1	17.4	15.9	14.4	12.4	10.6	8.9	7.4	6.2	5.0	3.7
-85°	13.0	12.2	11.5	10.8	9.5	8.2	6.8	5.5	4.4	3.4	2.5
-87.5°	6.7	6.4	6.0	5.7	4.9	4.1	3.4	2.8	2.2	1.7	1.2
-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: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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	0.1	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	0.4	0.0
75°	0.1	0.3	0.1	0.0	0.1	0.4	0.0
72.5°	0.2	0.5	0.4	0.0	0.1	0.5	0.0
70°	0.4	0.7	0.7	0.1	0.1	0.6	0.0
67.5°	1.2	1.0	1.0	0.4	0.2	0.7	0.0
65°	1.9	1.4	1.3	0.7	0.3	0.8	0.0
62.5°	2.6	1.9	1.7	1.1	0.3	0.8	0.0
60°	3.2	2.3	2.1	1.4	0.4	0.9	0.0
57.5°	3.3	2.7	2.3	1.7	0.7	1.0	0.0
55°	3.3	3.0	2.5	2.1	1.0	1.1	0.0
52.5°	3.3	3.3	2.7	2.5	1.2	1.2	0.0
50°	3.3	3.3	2.9	2.8	1.5	1.3	0.0
47.5°	3.3	3.3	3.1	3.1	1.7	1.4	0.0
45°	3.3	3.3	3.2	3.2	1.9	1.5	0.0
42.5°	3.3	3.3	3.3	3.3	2.1	1.6	0.0
40°	3.3	3.3	3.3	3.3	2.3	1.7	0.0
37.5°	3.3	3.3	3.3	3.3	2.5	1.8	0.0
35°	3.3	3.3	3.3	3.3	2.6	1.9	0.0
32.5°	3.4	3.3	3.3	3.3	2.7	2.0	0.0
30°	3.7	3.3	3.3	3.3	2.9	2.1	0.0
27.5°	4.1	3.3	3.3	3.3	3.0	2.3	0.0
25°	4.5	3.3	3.3	3.3	3.0	2.4	0.0
22.5°	4.9	3.4	3.3	3.3	3.1	2.5	0.0
20°	5.3	3.6	3.3	3.3	3.2	2.6	0.0
17.5°	5.9	3.9	3.3	3.3	3.2	2.7	0.0
15°	6.6	4.2	3.3	3.3	3.2	2.8	0.0
12.5°	7.2	4.6	3.3	3.3	3.3	2.9	0.0
10°	7.8	5.0	3.3	3.3	3.3	3.0	0.0
7.5°	8.4	5.4	3.3	3.3	3.3	3.1	0.0
5°	8.9	5.8	3.3	3.3	3.3	3.1	0.0
2.5°	9.4	6.2	3.3	3.3	3.3	3.2	0.0
0°	9.9	6.6	3.3	3.3	3.3	3.3	0.0
-2.5°	10.7	6.9	3.6	3.3	3.3	3.3	0.0
-5°	11.5	7.3	3.9	3.3	3.3	3.3	0.0
-7.5°	12.3	7.6	4.1	3.3	3.3	3.3	0.0
-10°	12.9	7.8	4.4	3.3	3.3	3.2	0.0
-12.5°	13.4	8.0	4.6	3.3	3.3	3.2	0.0
-15°	13.8	8.2	4.8	3.3	3.3	3.2	0.0
-17.5°	14.1	8.3	4.9	3.3	3.3	3.1	0.0
-20°	14.3	8.5	5.0	3.3	3.3	3.1	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627038 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.5	8.5	5.1	3.3	3.3	3.0	0.0
-25°	14.6	8.7	5.0	3.3	3.3	3.0	0.0
-27.5°	14.6	9.0	5.0	3.3	3.3	2.9	0.0
-30°	14.5	9.1	4.8	3.3	3.3	2.9	0.0
-32.5°	14.4	9.2	4.8	3.3	3.3	2.8	0.0
-35°	14.3	9.1	4.8	3.3	3.3	2.7	0.0
-37.5°	14.3	9.0	4.7	3.3	3.3	2.6	0.0
-40°	14.1	8.9	4.5	3.3	3.3	2.5	0.0
-42.5°	13.8	8.6	4.4	3.3	3.3	2.4	0.0
-45°	13.3	8.3	4.6	3.4	3.3	2.3	0.0
-47.5°	12.8	7.8	4.6	3.5	3.3	2.2	0.0
-50°	12.2	7.3	4.7	3.5	3.3	2.1	0.0
-52.5°	11.4	6.7	4.7	3.6	3.3	2.0	0.0
-55°	10.5	6.5	4.7	3.6	3.3	1.9	0.0
-57.5°	9.5	6.4	4.6	3.6	3.3	1.8	0.0
-60°	8.6	6.2	4.5	3.5	3.3	1.6	0.0
-62.5°	8.1	5.9	4.4	3.5	3.0	1.5	0.0
-65°	7.6	5.6	4.2	3.5	2.8	1.4	0.0
-67.5°	7.0	5.3	4.0	3.4	2.5	1.3	0.0
-70°	6.4	4.9	3.8	3.3	2.3	1.1	0.0
-72.5°	5.7	4.4	3.6	3.0	2.0	1.0	0.0
-75°	5.0	4.0	3.3	2.6	1.7	0.9	0.0
-77.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-80°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	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)