

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: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627758 (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-SA5E-735-U-NR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (80) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 41045.5 lumens  
Efficiency: N/A  
Efficacy: 130.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 416064.2 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 13103.6 lumens  
Beam Efficiency: 31.9%

Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 29186 lumens  
Field Efficiency: 71.1%

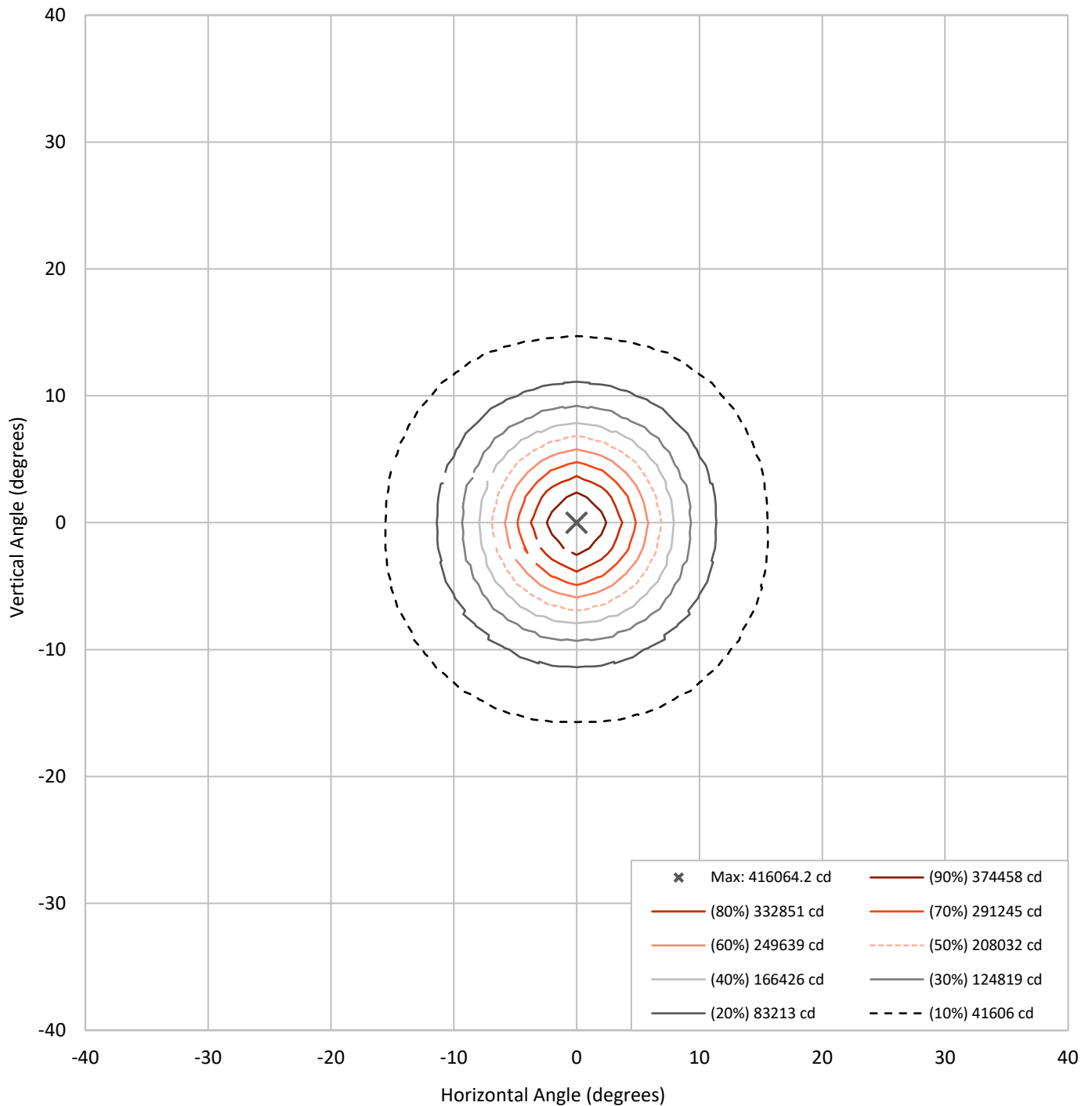
Input Watts (W): 313.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-NR-VSR-XX

### Iso-Candela Plot





REPORT NUMBER: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-735-U-NR-VSR-XX

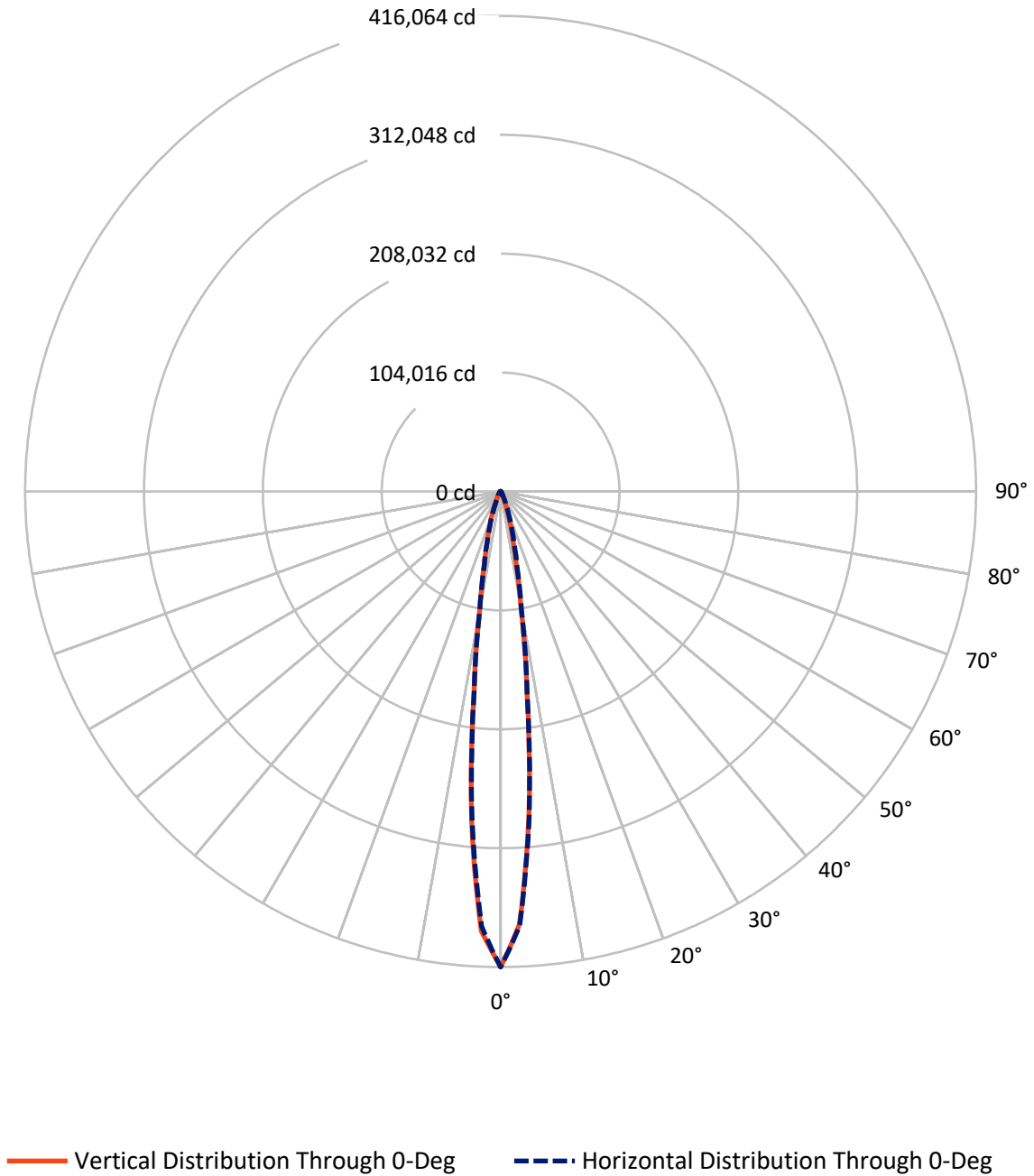
### Lumen Table

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	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1			
60		0.1	0.3	1.0	2.3	3.6	4.9	5.8	5.8	4.9	3.6	2.3	1.0	0.3	0.1				
50	0.2	0.2	1.2	3.6	6.7	9.9	13.8	16.3	16.3	13.8	9.9	6.7	3.6	1.2	0.2	0.2			
40		0.6	2.9	7.0	12.4	19.6	33.4	42.5	42.5	33.4	19.6	12.4	7.0	2.9	0.6				
30	0.4	1.2	4.6	10.6	19.2	41.8	111.5	184.6	184.6	111.5	41.8	19.2	10.6	4.6	1.2	0.4			
20		1.8	6.3	14.6	31.8	124.8	526.2	1156.5	1156.5	526.2	124.8	31.8	14.6	6.3	1.8				
10	0.6	2.2	7.6	17.2	43.1	234.3	1260.8	5654.3	5654.3	1260.8	234.3	43.1	17.2	7.6	2.2	0.6			
0		2.5	8.3	18.1	46.3	249.6	1305.0	5750.3	5750.3	1305.0	249.6	46.3	18.1	8.3	2.5				
-10	0.8	2.7	8.5	17.8	40.6	158.8	633.5	1355.0	1355.0	633.5	158.8	40.6	17.8	8.5	2.7	0.8			
-20		2.6	8.1	16.3	31.4	74.2	195.2	325.3	325.3	195.2	74.2	31.4	16.3	8.1	2.6				
-30	0.7	2.2	7.2	14.4	24.6	40.8	66.4	84.3	84.3	66.4	40.8	24.6	14.4	7.2	2.2	0.7			
-40		1.8	5.9	12.0	19.8	28.5	38.3	42.7	42.7	38.3	28.5	19.8	12.0	5.9	1.8				
-50	0.5	1.4	4.5	9.4	15.6	21.9	27.6	30.2	30.2	27.6	21.9	15.6	9.4	4.5	1.4	0.5			
-60		0.9	2.8	6.1	10.5	15.2	19.3	21.2	21.2	19.3	15.2	10.5	6.1	2.8	0.9				
-70	0.2	0.9	2.8	6.1	10.5	15.2	19.3	21.2	21.2	19.3	15.2	10.5	6.1	2.8	0.9	0.2			
-80		0.2	2.5	10.3	22.7	28.7	22.7	10.3	2.5	0.2									
-90	0.2	2.5	10.3	22.7	28.7	22.7	10.3	2.5	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)

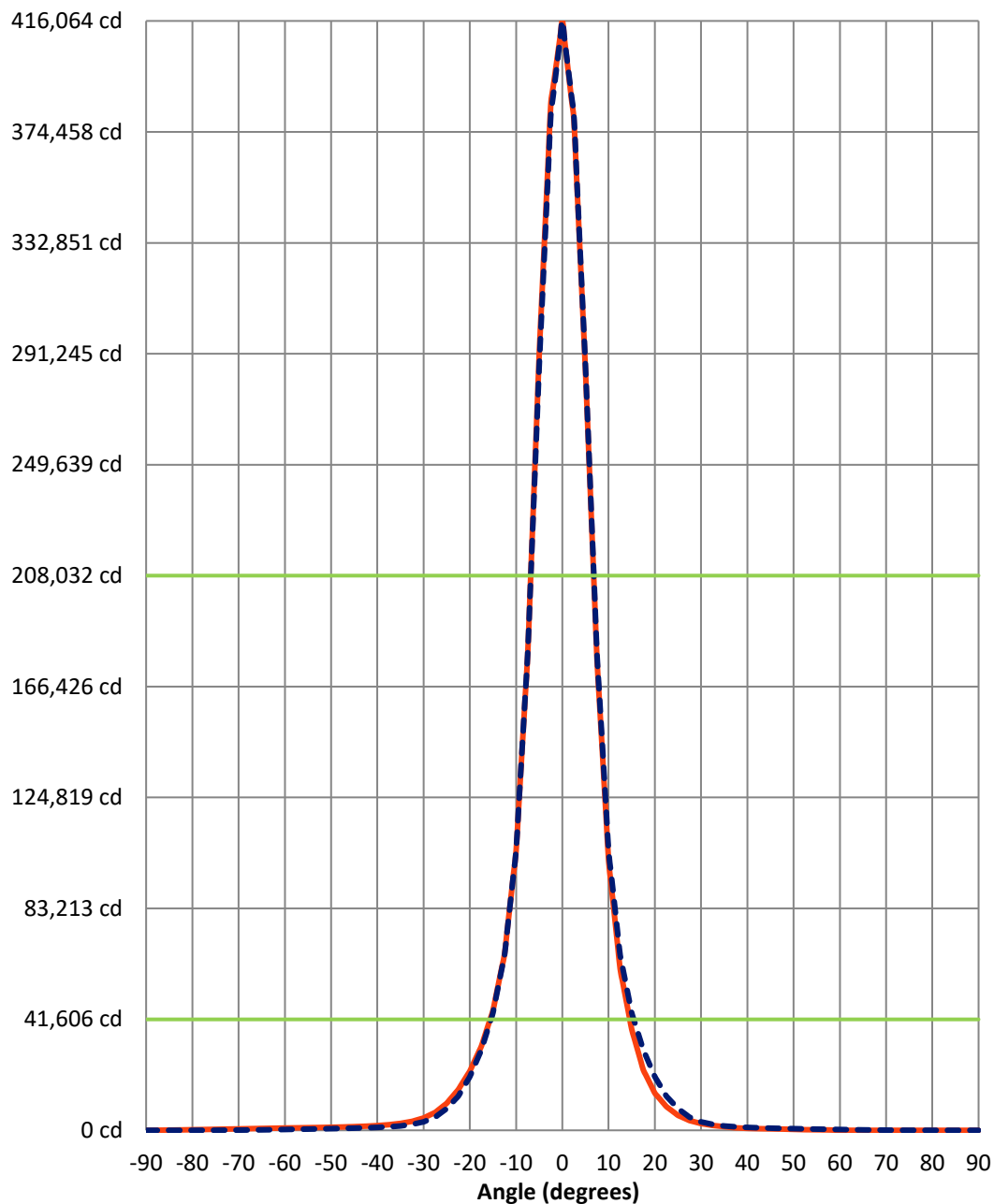
CATALOG NUMBER: GFLD-SA5E-735-U-NR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-735-U-NR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 13103.6  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 29186  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 11859.6  
 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: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	1.0	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.2	0.2	0.0	0.1	0.7	0.2	0.0	0.2	0.8	0.3
72.5°	0.0	1.4	0.2	0.0	0.9	1.3	0.5	0.5	1.9	1.9	0.8
70°	0.0	1.6	0.4	0.2	1.8	2.0	1.0	2.7	3.7	3.3	1.2
67.5°	0.0	1.8	0.5	1.0	2.7	2.7	3.1	5.0	5.6	3.6	1.5
65°	0.0	2.0	0.7	1.9	3.6	3.8	5.1	7.3	5.9	3.9	2.6
62.5°	0.0	2.3	0.9	2.8	4.5	5.0	6.9	8.3	6.3	4.6	5.5
60°	0.0	2.5	1.2	3.7	5.5	6.1	8.6	8.6	6.6	6.4	8.1
57.5°	0.0	2.7	1.9	4.6	6.2	7.2	8.8	8.8	7.4	7.8	8.8
55°	0.0	3.0	2.6	5.6	6.8	8.1	8.8	8.8	8.1	8.8	8.8
52.5°	0.0	3.2	3.3	6.5	7.3	8.8	8.8	8.8	8.6	8.8	8.8
50°	0.0	3.5	4.0	7.5	7.8	8.8	8.8	8.8	8.8	8.8	10.2
47.5°	0.0	3.8	4.6	8.3	8.2	8.8	8.8	8.8	8.8	8.8	12.2
45°	0.0	4.0	5.1	8.6	8.5	8.8	8.8	8.8	9.1	10.9	14.5
42.5°	0.0	4.3	5.7	8.7	8.7	8.8	8.8	9.1	9.7	13.4	19.4
40°	0.0	4.6	6.1	8.8	8.8	8.8	8.8	9.8	11.2	16.2	25.1
37.5°	0.0	4.9	6.6	8.8	8.8	8.8	8.8	10.7	14.3	20.3	30.9
35°	0.0	5.1	7.0	8.8	8.8	8.8	8.8	11.7	17.5	25.9	37.9
32.5°	0.0	5.4	7.3	8.8	8.8	8.8	9.1	13.0	20.9	31.3	47.0
30°	0.0	5.7	7.6	8.8	8.8	8.8	10.0	14.7	24.4	36.5	56.9
27.5°	0.0	6.0	7.9	8.8	8.8	8.8	11.0	17.5	28.3	41.4	67.6
25°	0.0	6.3	8.1	8.8	8.8	8.8	12.0	20.3	32.5	48.8	79.0
22.5°	0.0	6.6	8.3	8.8	8.8	9.0	13.1	23.2	36.5	57.7	92.5
20°	0.0	6.9	8.4	8.8	8.8	9.6	14.2	26.0	40.3	66.7	104.9
17.5°	0.0	7.1	8.6	8.8	8.8	10.4	15.8	28.7	43.8	75.7	116.2
15°	0.0	7.4	8.6	8.8	8.8	11.3	17.6	31.5	47.1	84.7	126.5
12.5°	0.0	7.7	8.7	8.8	8.8	12.3	19.3	34.1	51.6	93.4	135.7
10°	0.0	7.9	8.8	8.8	8.8	13.3	20.9	36.6	57.3	101.4	143.9
7.5°	0.0	8.2	8.8	8.8	8.8	14.4	22.4	38.8	63.1	108.4	151.0
5°	0.0	8.4	8.8	8.8	8.8	15.5	23.8	40.7	68.8	114.3	157.3
2.5°	0.0	8.6	8.8	8.8	8.8	16.6	25.2	42.5	74.2	119.2	162.8
0°	0.0	8.8	8.8	8.8	8.8	17.6	26.4	44.0	79.3	123.3	167.3
-2.5°	0.0	8.8	8.8	8.8	9.6	18.5	28.7	46.7	83.8	126.6	173.0
-5°	0.0	8.8	8.8	8.8	10.3	19.4	30.8	49.1	87.7	129.1	177.6
-7.5°	0.0	8.7	8.8	8.8	11.0	20.1	32.8	51.2	90.8	131.1	181.1
-10°	0.0	8.7	8.8	8.8	11.7	20.8	34.5	53.1	93.1	132.5	183.3
-12.5°	0.0	8.6	8.8	8.8	12.3	21.4	36.0	54.7	94.5	133.8	186.7
-15°	0.0	8.5	8.8	8.8	12.8	21.9	37.1	56.1	94.9	136.5	189.9
-17.5°	0.0	8.4	8.8	8.8	13.1	22.2	37.8	57.4	94.2	137.9	191.4
-20°	0.0	8.3	8.8	8.8	13.4	22.5	38.3	58.6	92.8	137.8	191.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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	8.1	8.8	8.8	13.5	22.7	38.8	59.3	90.7	136.2	188.9
-25°	0.0	8.0	8.8	8.8	13.5	23.3	39.1	59.6	87.9	133.1	184.8
-27.5°	0.0	7.8	8.8	8.8	13.3	23.9	39.1	59.4	84.4	128.6	180.8
-30°	0.0	7.6	8.8	8.8	12.9	24.3	38.9	58.8	82.6	123.8	174.8
-32.5°	0.0	7.4	8.8	8.8	12.9	24.5	38.4	58.1	81.6	118.3	166.5
-35°	0.0	7.2	8.8	8.8	12.7	24.4	38.3	57.3	80.0	112.0	155.9
-37.5°	0.0	7.0	8.8	8.8	12.4	24.2	38.1	56.2	77.7	105.0	149.8
-40°	0.0	6.7	8.8	8.8	12.0	23.7	37.7	54.9	74.7	100.5	144.3
-42.5°	0.0	6.5	8.8	8.9	11.9	23.0	36.9	53.3	72.3	98.5	137.5
-45°	0.0	6.2	8.8	9.1	12.2	22.1	35.7	51.7	70.2	95.5	130.0
-47.5°	0.0	5.9	8.8	9.3	12.4	20.9	34.3	49.9	67.8	91.4	125.0
-50°	0.0	5.7	8.8	9.4	12.5	19.5	32.5	47.7	65.2	87.9	118.5
-52.5°	0.0	5.4	8.8	9.5	12.5	17.9	30.5	45.1	61.9	83.0	110.8
-55°	0.0	5.0	8.8	9.5	12.4	17.4	28.1	42.2	58.2	76.8	102.8
-57.5°	0.0	4.7	8.8	9.5	12.3	17.0	25.5	38.8	54.0	71.2	93.1
-60°	0.0	4.4	8.8	9.5	12.0	16.5	22.8	35.1	49.4	65.5	83.4
-62.5°	0.0	4.1	8.1	9.4	11.7	15.8	21.7	31.0	44.3	59.3	75.9
-65°	0.0	3.7	7.4	9.2	11.3	15.0	20.3	27.3	38.8	52.5	67.8
-67.5°	0.0	3.4	6.7	9.0	10.8	14.0	18.8	25.1	32.9	45.3	59.1
-70°	0.0	3.0	6.0	8.8	10.2	13.0	17.1	22.6	29.4	37.6	49.9
-72.5°	0.0	2.6	5.3	7.9	9.6	11.8	15.3	19.9	25.7	32.7	40.9
-75°	0.0	2.3	4.5	6.8	8.9	10.6	13.3	17.4	21.8	27.6	34.4
-77.5°	0.0	1.9	3.8	5.7	7.6	9.3	11.2	15.0	19.0	22.9	27.6
-80°	0.0	1.5	3.1	4.6	6.1	7.6	9.1	12.5	16.1	19.7	23.3
-82.5°	0.0	1.1	2.3	3.4	4.6	5.7	6.8	9.8	13.3	16.5	19.8
-85°	0.0	0.8	1.5	2.3	3.1	3.8	4.5	6.6	9.0	11.7	14.8
-87.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	3.3	4.5	5.9	7.4
-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: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	2.5	3.0	1.8	0.0	0.0	0.0	0.6	0.0	0.0	0.0
65°	4.3	5.7	4.4	2.3	0.2	2.1	3.0	2.4	0.3	0.0	0.0
62.5°	8.1	6.9	4.9	3.6	5.0	6.7	5.2	3.0	0.8	4.2	6.1
60°	8.8	7.4	6.2	7.0	8.9	7.9	5.8	8.6	12.9	16.2	19.6
57.5°	8.8	8.2	8.0	9.5	10.0	10.0	15.5	20.7	29.2	36.3	41.2
55°	9.0	8.7	10.0	11.9	14.8	21.0	28.7	40.5	50.0	64.5	76.9
52.5°	10.0	10.0	13.4	18.0	26.6	36.3	50.0	66.6	85.5	99.7	114.6
50°	11.4	14.7	18.8	30.2	42.0	57.2	79.7	104.0	119.9	135.8	157.3
47.5°	15.7	19.9	30.9	44.2	61.3	85.6	116.5	134.0	149.7	174.7	201.4
45°	21.1	30.0	43.5	61.8	85.4	119.4	143.8	158.0	185.2	214.2	244.7
42.5°	27.0	41.3	59.8	79.2	116.2	148.6	170.6	193.3	220.7	254.5	287.6
40°	36.6	52.5	77.8	107.9	145.6	177.3	204.9	230.9	257.9	302.1	337.3
37.5°	46.4	69.7	98.1	135.6	174.8	209.3	240.2	272.9	311.4	361.3	392.9
35°	55.8	87.3	122.1	162.1	203.7	242.7	279.8	318.0	367.9	415.2	452.9
32.5°	69.2	105.5	144.6	187.8	230.6	274.8	319.9	365.5	414.7	463.0	512.5
30°	85.9	124.8	165.9	212.3	255.4	306.6	358.7	407.1	456.6	507.4	563.4
27.5°	102.8	142.8	187.4	234.2	279.4	337.7	394.0	444.5	495.2	550.0	613.8
25°	118.3	161.0	207.6	253.7	306.8	369.4	430.9	489.4	532.3	594.7	669.3
22.5°	133.3	178.8	228.8	271.2	333.2	401.3	472.9	535.8	586.7	642.4	727.0
20°	148.1	197.1	248.7	296.2	359.8	432.9	517.9	582.8	645.9	717.7	804.1
17.5°	162.3	214.2	268.4	324.8	391.8	467.5	564.0	630.1	705.5	791.5	900.3
15°	175.6	230.0	288.1	351.4	420.7	502.3	595.4	677.8	768.0	867.2	995.8
12.5°	188.1	244.4	307.5	376.1	446.2	532.2	621.6	709.3	813.1	942.9	1104.6
10°	199.5	257.5	326.3	398.7	468.3	557.4	644.8	736.0	845.5	988.0	1173.3
7.5°	209.0	270.6	344.1	419.1	487.4	578.2	664.7	758.0	872.6	1025.4	1219.4
5°	217.1	284.4	360.7	432.3	503.3	596.1	681.5	775.5	894.2	1054.6	1252.4
2.5°	223.7	297.1	375.2	441.9	517.0	612.5	694.8	794.8	916.2	1077.3	1283.4
0°	229.0	308.2	387.5	449.1	528.4	625.3	704.5	810.2	933.5	1092.0	1312.2
-2.5°	239.7	317.4	394.8	457.4	540.5	627.4	710.9	812.4	940.0	1103.5	1317.6
-5°	248.6	324.8	400.2	463.8	549.6	627.2	713.7	810.5	942.3	1110.1	1327.1
-7.5°	255.5	330.5	403.8	468.9	554.5	630.1	717.6	816.9	949.2	1116.0	1339.6
-10°	260.0	334.6	406.7	475.1	555.7	633.0	719.2	818.3	948.0	1112.2	1332.8
-12.5°	262.3	337.0	408.1	478.5	555.4	632.8	717.1	814.4	938.4	1098.2	1305.5
-15°	263.1	337.9	407.9	478.9	554.1	629.0	711.4	805.2	920.9	1074.7	1262.8
-17.5°	262.3	337.4	406.2	476.0	552.1	621.8	702.6	792.7	903.2	1047.0	1228.1
-20°	260.0	335.6	403.2	469.7	549.1	615.1	693.9	780.9	884.7	1015.1	1177.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	256.3	332.5	398.8	463.3	539.4	608.8	682.5	765.4	858.5	976.3	1120.2
-25°	252.1	326.2	393.2	458.3	528.3	599.3	668.0	746.9	832.5	945.6	1075.2
-27.5°	246.4	318.6	385.6	451.4	516.5	586.4	653.6	728.0	812.8	912.6	1028.4
-30°	238.4	307.9	374.9	442.0	506.2	571.9	636.8	707.7	787.5	881.7	988.6
-32.5°	228.1	296.0	361.5	427.8	494.6	557.3	618.4	686.6	761.5	844.1	945.7
-35°	217.6	283.0	346.9	410.2	480.6	541.0	599.8	662.4	732.1	808.9	891.7
-37.5°	207.8	269.2	331.5	391.2	457.9	520.8	578.1	637.5	701.9	772.4	847.6
-40°	197.3	254.4	315.2	373.4	431.9	496.1	553.3	610.7	670.2	740.8	807.8
-42.5°	186.4	241.9	298.2	355.2	411.0	468.4	525.5	580.6	643.3	710.2	775.9
-45°	177.2	228.8	281.0	336.5	391.5	443.4	496.9	548.3	612.2	679.0	743.2
-47.5°	166.6	215.4	266.0	316.3	370.3	422.2	470.3	522.3	576.6	639.6	707.0
-50°	155.5	201.7	248.5	295.8	347.0	398.9	447.7	495.7	546.9	598.8	656.9
-52.5°	146.1	186.5	229.8	273.2	321.7	372.4	421.7	469.8	516.9	565.6	615.2
-55°	135.0	172.0	210.2	250.8	293.3	341.9	390.8	437.7	485.8	531.3	579.9
-57.5°	122.6	155.8	190.6	228.7	267.3	307.2	354.6	401.3	446.5	492.5	542.7
-60°	108.6	138.3	169.9	205.0	242.7	279.1	317.5	360.8	404.5	448.1	494.4
-62.5°	94.2	119.9	148.4	179.0	213.6	249.5	284.5	321.4	360.7	398.6	438.8
-65°	84.5	102.7	126.6	153.8	182.2	214.3	247.5	281.5	316.1	348.3	379.2
-67.5°	74.2	90.6	108.3	128.4	154.1	181.1	207.7	238.2	269.1	298.8	327.6
-70°	63.3	77.9	93.5	110.3	128.5	150.7	175.5	199.9	223.7	248.6	275.3
-72.5°	51.8	64.5	78.1	92.6	108.2	125.7	144.8	165.6	186.8	207.4	228.3
-75°	42.5	50.8	62.0	74.3	87.8	101.6	115.4	131.8	149.8	167.8	185.4
-77.5°	35.0	42.7	50.3	57.9	67.5	80.1	92.5	104.6	117.1	130.7	145.2
-80°	28.5	34.4	41.4	48.3	54.9	62.5	71.1	80.8	89.6	98.6	108.5
-82.5°	23.8	28.3	33.3	38.7	42.5	46.6	51.1	56.7	62.6	68.7	74.9
-85°	18.2	21.9	25.2	28.9	30.7	32.6	34.8	37.3	41.0	44.7	48.4
-87.5°	9.1	11.0	13.0	15.1	16.1	17.0	17.8	18.7	21.1	23.6	26.2
-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: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	0.5	0.1	0.0	0.0	0.1	1.6	2.2	1.9	0.8	0.0	0.0
62.5°	5.1	4.3	6.8	9.1	10.0	9.7	9.0	8.0	6.8	6.3	7.2
60°	21.1	20.7	28.9	32.8	29.9	21.0	33.1	39.1	37.6	32.2	32.0
57.5°	51.7	62.8	70.9	74.4	86.1	104.9	108.5	102.3	100.0	102.1	117.9
55°	89.6	98.6	103.3	119.2	133.3	143.6	149.6	155.8	164.8	175.9	187.3
52.5°	126.7	139.0	148.4	162.7	179.7	185.6	184.0	205.8	222.8	233.7	238.2
50°	174.0	189.4	211.2	233.6	243.4	252.9	262.9	280.8	306.8	339.3	357.9
47.5°	224.9	249.2	272.1	297.7	310.6	320.8	335.7	366.9	404.0	438.9	457.2
45°	270.8	292.4	318.7	340.8	356.8	376.3	397.9	426.0	467.6	504.1	529.3
42.5°	307.7	332.0	359.1	385.8	402.0	428.3	461.2	499.5	543.0	580.9	609.0
40°	359.4	380.0	423.0	448.4	454.9	479.4	545.3	597.6	646.7	693.4	716.7
37.5°	421.8	461.9	506.7	529.8	552.4	595.7	683.9	768.4	831.1	894.4	928.9
35°	492.7	545.5	606.5	633.7	682.4	776.7	880.2	997.9	1144.3	1205.6	1261.5
32.5°	561.7	620.7	676.9	738.0	823.2	935.9	1052.5	1243.3	1421.4	1559.3	1660.1
30°	622.8	685.3	755.1	833.9	953.8	1109.1	1304.0	1550.8	1801.8	2021.0	2206.4
27.5°	683.1	754.4	837.4	954.8	1123.5	1334.5	1645.5	1997.6	2416.8	2725.6	3094.3
25°	749.4	830.8	937.4	1107.6	1335.3	1650.6	2147.9	2719.7	3406.9	3964.2	4547.3
22.5°	827.8	948.1	1083.1	1272.9	1670.5	2190.1	2869.7	3846.8	4904.0	5881.4	6822.7
20°	922.5	1086.9	1303.7	1653.0	2163.6	2931.8	4112.3	5671.9	7226.6	8882.4	10476.3
17.5°	1057.6	1294.7	1631.4	2128.5	2801.5	4321.0	6236.5	8648.6	11747.5	14555.8	17007.7
15°	1184.4	1467.6	1999.3	2742.5	3916.3	5930.1	8839.6	12820.8	17650.4	22052.0	26700.8
12.5°	1317.5	1651.8	2262.5	3208.9	4839.8	7461.6	11550.4	17005.4	23052.8	29686.4	37242.4
10°	1422.9	1828.8	2560.0	3759.8	5770.3	9035.2	13905.5	20521.2	28557.4	38374.7	50453.4
7.5°	1494.0	1970.7	2805.7	4163.2	6627.0	10644.4	16507.4	24459.3	34505.9	47511.8	64413.1
5°	1549.6	2079.0	2990.5	4531.1	7351.6	11872.9	18435.1	27907.8	39792.5	57218.0	85861.1
2.5°	1594.2	2161.9	3104.8	4784.3	7806.5	12728.3	19728.5	29858.8	42939.4	64394.1	101554.6
0°	1629.2	2236.9	3179.2	4940.6	8155.0	12813.8	20132.1	30215.8	44068.8	65689.3	104932.0
-2.5°	1644.1	2277.1	3204.9	4974.8	8120.2	12960.6	20255.4	30500.9	44026.3	64979.6	101159.9
-5°	1668.9	2276.4	3185.5	4939.9	7938.1	12580.9	19450.9	28905.1	41370.2	59390.9	89032.8
-7.5°	1686.6	2240.1	3093.3	4716.0	7461.6	11760.1	18037.4	26261.0	36536.1	50218.8	68577.0
-10°	1670.3	2170.4	2939.5	4340.5	6720.7	10443.4	15888.0	22770.3	31310.0	41450.0	53923.0
-12.5°	1607.5	2041.7	2688.6	3814.6	5761.1	8968.4	13725.5	19585.3	25905.9	33027.3	41646.3
-15°	1528.0	1903.1	2462.6	3453.8	5049.7	7506.4	10979.5	15733.2	20803.6	26210.5	31976.2
-17.5°	1466.1	1781.3	2244.6	2962.2	4136.0	6089.4	8818.7	12195.7	15921.7	20038.3	23455.0
-20°	1382.3	1631.4	2020.3	2606.4	3502.0	4796.2	6783.9	9237.2	11696.0	14590.3	16950.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	1298.5	1515.4	1811.4	2240.2	2906.6	3884.4	5112.5	6750.6	8548.6	10209.9	11845.3
-25°	1220.6	1387.7	1627.1	1978.9	2430.9	3098.1	3972.3	4912.1	6097.2	7108.5	8230.8
-27.5°	1157.5	1301.0	1477.7	1735.6	2086.3	2515.5	3141.5	3771.2	4394.5	4904.8	5677.5
-30°	1096.6	1212.2	1359.9	1543.8	1806.7	2137.5	2543.9	2952.3	3312.0	3640.1	4042.4
-32.5°	1036.8	1130.9	1244.1	1396.8	1585.5	1834.1	2083.9	2376.6	2626.6	2857.4	3070.9
-35°	976.9	1060.6	1146.9	1275.7	1426.1	1602.7	1784.3	1982.6	2155.7	2311.1	2448.6
-37.5°	922.8	996.3	1077.5	1173.4	1294.6	1427.5	1575.8	1719.8	1834.2	1935.1	2018.5
-40°	877.2	944.0	1013.5	1090.2	1182.5	1287.5	1413.4	1533.4	1613.5	1675.1	1725.7
-42.5°	836.4	895.3	954.5	1019.6	1090.4	1181.2	1280.6	1379.8	1434.1	1481.7	1518.3
-45°	803.7	848.8	898.6	954.3	1017.0	1093.0	1171.2	1239.7	1288.0	1329.0	1359.5
-47.5°	760.4	803.9	847.0	892.9	951.4	1014.8	1079.4	1132.1	1174.3	1210.0	1233.3
-50°	712.8	758.6	798.0	838.4	892.2	945.9	998.0	1041.5	1081.7	1116.7	1135.1
-52.5°	663.5	712.6	754.0	793.4	838.6	885.4	932.3	969.6	1004.8	1037.8	1051.7
-55°	627.9	673.2	716.1	753.1	790.3	827.8	866.1	904.8	939.6	970.9	980.2
-57.5°	589.6	635.6	678.0	711.2	744.9	778.7	813.7	848.7	882.3	912.3	919.9
-60°	542.7	592.7	630.3	661.7	694.4	727.8	758.3	789.4	820.7	846.9	855.4
-62.5°	483.2	528.7	565.9	598.9	630.5	659.5	689.3	718.3	746.5	767.2	774.0
-65°	411.9	450.6	488.8	523.5	554.5	582.6	610.0	636.6	662.1	680.3	689.4
-67.5°	355.6	383.5	414.2	444.0	475.3	504.2	528.9	552.2	574.1	589.5	599.2
-70°	301.4	327.9	356.7	385.1	412.2	435.7	455.4	474.7	493.3	507.0	517.3
-72.5°	249.4	271.9	295.9	320.9	345.8	367.0	385.1	402.3	418.4	430.1	439.6
-75°	202.6	221.1	241.4	261.6	281.8	298.6	313.7	328.5	342.8	353.2	361.9
-77.5°	160.7	176.4	192.2	208.1	224.0	236.2	247.3	258.2	268.8	277.0	284.4
-80°	119.1	131.4	144.0	156.7	169.3	178.6	187.0	195.0	202.5	207.3	211.6
-82.5°	81.4	90.0	98.8	107.8	116.7	123.6	130.2	136.8	143.2	145.4	147.1
-85°	51.9	56.2	60.9	65.8	70.9	74.7	78.3	81.8	85.0	88.1	91.0
-87.5°	28.8	29.7	30.5	31.2	31.9	34.5	37.2	39.9	42.5	43.0	43.3
-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: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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	0.8	1.9
62.5°	7.9	8.4	8.7	8.8	8.7	8.4	7.9	7.2	6.3	6.8	8.0
60°	30.1	26.8	26.2	26.4	26.2	26.8	30.1	32.0	32.2	37.6	39.1
57.5°	133.9	149.0	153.1	149.7	153.1	149.0	133.9	117.9	102.1	100.0	102.3
55°	195.1	199.7	201.9	202.6	201.9	199.7	195.1	187.3	175.9	164.8	155.8
52.5°	239.1	237.6	237.2	237.8	237.2	237.6	239.1	238.2	233.7	222.8	205.8
50°	359.4	352.8	350.2	352.3	350.2	352.8	359.4	357.9	339.3	306.8	280.8
47.5°	459.4	461.4	464.5	466.8	464.5	461.4	459.4	457.2	438.9	404.0	366.9
45°	536.4	541.1	544.3	546.0	544.3	541.1	536.4	529.3	504.1	467.6	426.0
42.5°	615.1	615.7	614.8	616.5	614.8	615.7	615.1	609.0	580.9	543.0	499.5
40°	726.2	728.6	726.1	722.2	726.1	728.6	726.2	716.7	693.4	646.7	597.6
37.5°	949.1	952.3	941.7	933.5	941.7	952.3	949.1	928.9	894.4	831.1	768.4
35°	1312.5	1350.2	1368.1	1373.8	1368.1	1350.2	1312.5	1261.5	1205.6	1144.3	997.9
32.5°	1729.8	1782.2	1808.5	1831.8	1808.5	1782.2	1729.8	1660.1	1559.3	1421.4	1243.3
30°	2327.9	2424.5	2467.1	2527.5	2467.1	2424.5	2327.9	2206.4	2021.0	1801.8	1550.8
27.5°	3303.6	3473.5	3567.5	3654.8	3567.5	3473.5	3303.6	3094.3	2725.6	2416.8	1997.6
25°	4971.1	5298.2	5510.0	5609.9	5510.0	5298.2	4971.1	4547.3	3964.2	3406.9	2719.7
22.5°	7733.4	8336.5	8801.6	8894.8	8801.6	8336.5	7733.4	6822.7	5881.4	4904.0	3846.8
20°	12022.7	12885.6	13587.5	13941.0	13587.5	12885.6	12022.7	10476.3	8882.4	7226.6	5671.9
17.5°	19928.1	21722.9	22542.6	22677.3	22542.6	21722.9	19928.1	17007.7	14555.8	11747.5	8648.6
15°	31688.9	34725.9	36653.9	37895.3	36653.9	34725.9	31688.9	26700.8	22052.0	17650.4	12820.8
12.5°	45107.8	53737.3	58647.6	60519.7	58647.6	53737.3	45107.8	37242.4	29686.4	23052.8	17005.4
10°	63320.1	83635.2	95353.9	101250.8	95353.9	83635.2	63320.1	50453.4	38374.7	28557.4	20521.2
7.5°	94230.7	125607.7	160372.2	176455.7	160372.2	125607.7	94230.7	64413.1	47511.8	34505.9	24459.3
5°	126725.1	195616.3	256082.7	285038.0	256082.7	195616.3	126725.1	85861.1	57218.0	39792.5	27907.8
2.5°	164072.4	256978.7	342878.0	378996.8	342878.0	256978.7	164072.4	101554.6	64394.1	42939.4	29858.8
0°	178446.0	286667.2	380612.8	416064.2	380612.8	286667.2	178446.0	104932.0	65689.3	44068.8	30215.8
-2.5°	166294.4	261479.6	344353.9	384862.0	344353.9	261479.6	166294.4	101159.9	64979.6	44026.3	30500.9
-5°	132129.5	196694.5	258070.8	291079.4	258070.8	196694.5	132129.5	89032.8	59390.9	41370.2	28905.1
-7.5°	96974.9	132123.4	166209.5	178129.0	166209.5	132123.4	96974.9	68577.0	50218.8	36536.1	26261.0
-10°	67515.8	87643.1	100929.2	104720.6	100929.2	87643.1	67515.8	53923.0	41450.0	31310.0	22770.3
-12.5°	50056.2	58859.9	64985.3	66050.3	64985.3	58859.9	50056.2	41646.3	33027.3	25905.9	19585.3
-15°	37065.4	41542.3	44701.5	44914.2	44701.5	41542.3	37065.4	31976.2	26210.5	20803.6	15733.2
-17.5°	27095.0	30100.1	31694.4	31580.9	31694.4	30100.1	27095.0	23455.0	20038.3	15921.7	12195.7
-20°	19374.5	21185.9	22470.5	22219.3	22470.5	21185.9	19374.5	16950.7	14590.3	11696.0	9237.2



REPORT NUMBER: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	13509.2	14711.7	15464.5	15270.8	15464.5	14711.7	13509.2	11845.3	10209.9	8548.6	6750.6
-25°	9179.3	9834.5	10207.3	10145.3	10207.3	9834.5	9179.3	8230.8	7108.5	6097.2	4912.1
-27.5°	6255.2	6601.2	6716.8	6710.7	6716.8	6601.2	6255.2	5677.5	4904.8	4394.5	3771.2
-30°	4341.6	4574.2	4707.2	4623.5	4707.2	4574.2	4341.6	4042.4	3640.1	3312.0	2952.3
-32.5°	3235.9	3367.1	3443.0	3364.2	3443.0	3367.1	3235.9	3070.9	2857.4	2626.6	2376.6
-35°	2550.2	2616.5	2643.2	2598.0	2643.2	2616.5	2550.2	2448.6	2311.1	2155.7	1982.6
-37.5°	2079.1	2118.0	2131.2	2104.8	2131.2	2118.0	2079.1	2018.5	1935.1	1834.2	1719.8
-40°	1761.7	1785.6	1791.5	1770.1	1791.5	1785.6	1761.7	1725.7	1675.1	1613.5	1533.4
-42.5°	1541.5	1555.7	1559.0	1550.0	1559.0	1555.7	1541.5	1518.3	1481.7	1434.1	1379.8
-45°	1377.7	1389.8	1392.1	1382.7	1392.1	1389.8	1377.7	1359.5	1329.0	1288.0	1239.7
-47.5°	1245.0	1252.5	1254.5	1250.6	1254.5	1252.5	1245.0	1233.3	1210.0	1174.3	1132.1
-50°	1143.4	1148.6	1149.1	1144.9	1149.1	1148.6	1143.4	1135.1	1116.7	1081.7	1041.5
-52.5°	1058.3	1062.0	1064.4	1065.6	1064.4	1062.0	1058.3	1051.7	1037.8	1004.8	969.6
-55°	986.7	991.4	994.3	995.2	994.3	991.4	986.7	980.2	970.9	939.6	904.8
-57.5°	925.8	930.1	932.6	933.5	932.6	930.1	925.8	919.9	912.3	882.3	848.7
-60°	862.3	867.5	870.8	871.9	870.8	867.5	862.3	855.4	846.9	820.7	789.4
-62.5°	778.4	780.7	782.9	783.8	782.9	780.7	778.4	774.0	767.2	746.5	718.3
-65°	696.2	700.9	703.6	704.5	703.6	700.9	696.2	689.4	680.3	662.1	636.6
-67.5°	607.1	613.3	619.8	625.3	619.8	613.3	607.1	599.2	589.5	574.1	552.2
-70°	526.3	534.1	536.6	537.2	536.6	534.1	526.3	517.3	507.0	493.3	474.7
-72.5°	448.0	455.3	461.6	466.8	461.6	455.3	448.0	439.6	430.1	418.4	402.3
-75°	369.7	376.5	378.2	378.7	378.2	376.5	369.7	361.9	353.2	342.8	328.5
-77.5°	291.3	297.7	299.0	299.4	299.0	297.7	291.3	284.4	277.0	268.8	258.2
-80°	215.5	219.0	224.2	229.0	224.2	219.0	215.5	211.6	207.3	202.5	195.0
-82.5°	148.3	149.1	149.5	149.7	149.5	149.1	148.3	147.1	145.4	143.2	136.8
-85°	93.8	96.5	96.8	96.9	96.8	96.5	93.8	91.0	88.1	85.0	81.8
-87.5°	43.6	43.8	44.0	44.0	44.0	43.8	43.6	43.3	43.0	42.5	39.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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	0.6
65°	2.2	1.6	0.1	0.0	0.0	0.1	0.5	0.0	0.0	0.3	2.4
62.5°	9.0	9.7	10.0	9.1	6.8	4.3	5.1	6.1	4.2	0.8	3.0
60°	33.1	21.0	29.9	32.8	28.9	20.7	21.1	19.6	16.2	12.9	8.6
57.5°	108.5	104.9	86.1	74.4	70.9	62.8	51.7	41.2	36.3	29.2	20.7
55°	149.6	143.6	133.3	119.2	103.3	98.6	89.6	76.9	64.5	50.0	40.5
52.5°	184.0	185.6	179.7	162.7	148.4	139.0	126.7	114.6	99.7	85.5	66.6
50°	262.9	252.9	243.4	233.6	211.2	189.4	174.0	157.3	135.8	119.9	104.0
47.5°	335.7	320.8	310.6	297.7	272.1	249.2	224.9	201.4	174.7	149.7	134.0
45°	397.9	376.3	356.8	340.8	318.7	292.4	270.8	244.7	214.2	185.2	158.0
42.5°	461.2	428.3	402.0	385.8	359.1	332.0	307.7	287.6	254.5	220.7	193.3
40°	545.3	479.4	454.9	448.4	423.0	380.0	359.4	337.3	302.1	257.9	230.9
37.5°	683.9	595.7	552.4	529.8	506.7	461.9	421.8	392.9	361.3	311.4	272.9
35°	880.2	776.7	682.4	633.7	606.5	545.5	492.7	452.9	415.2	367.9	318.0
32.5°	1052.5	935.9	823.2	738.0	676.9	620.7	561.7	512.5	463.0	414.7	365.5
30°	1304.0	1109.1	953.8	833.9	755.1	685.3	622.8	563.4	507.4	456.6	407.1
27.5°	1645.5	1334.5	1123.5	954.8	837.4	754.4	683.1	613.8	550.0	495.2	444.5
25°	2147.9	1650.6	1335.3	1107.6	937.4	830.8	749.4	669.3	594.7	532.3	489.4
22.5°	2869.7	2190.1	1670.5	1272.9	1083.1	948.1	827.8	727.0	642.4	586.7	535.8
20°	4112.3	2931.8	2163.6	1653.0	1303.7	1086.9	922.5	804.1	717.7	645.9	582.8
17.5°	6236.5	4321.0	2801.5	2128.5	1631.4	1294.7	1057.6	900.3	791.5	705.5	630.1
15°	8839.6	5930.1	3916.3	2742.5	1999.3	1467.6	1184.4	995.8	867.2	768.0	677.8
12.5°	11550.4	7461.6	4839.8	3208.9	2262.5	1651.8	1317.5	1104.6	942.9	813.1	709.3
10°	13905.5	9035.2	5770.3	3759.8	2560.0	1828.8	1422.9	1173.3	988.0	845.5	736.0
7.5°	16507.4	10644.4	6627.0	4163.2	2805.7	1970.7	1494.0	1219.4	1025.4	872.6	758.0
5°	18435.1	11872.9	7351.6	4531.1	2990.5	2079.0	1549.6	1252.4	1054.6	894.2	775.5
2.5°	19728.5	12728.3	7806.5	4784.3	3104.8	2161.9	1594.2	1283.4	1077.3	916.2	794.8
0°	20132.1	12813.8	8155.0	4940.6	3179.2	2236.9	1629.2	1312.2	1092.0	933.5	810.2
-2.5°	20255.4	12960.6	8120.2	4974.8	3204.9	2277.1	1644.1	1317.6	1103.5	940.0	812.4
-5°	19450.9	12580.9	7938.1	4939.9	3185.5	2276.4	1668.9	1327.1	1110.1	942.3	810.5
-7.5°	18037.4	11760.1	7461.6	4716.0	3093.3	2240.1	1686.6	1339.6	1116.0	949.2	816.9
-10°	15888.0	10443.4	6720.7	4340.5	2939.5	2170.4	1670.3	1332.8	1112.2	948.0	818.3
-12.5°	13725.5	8968.4	5761.1	3814.6	2688.6	2041.7	1607.5	1305.5	1098.2	938.4	814.4
-15°	10979.5	7506.4	5049.7	3453.8	2462.6	1903.1	1528.0	1262.8	1074.7	920.9	805.2
-17.5°	8818.7	6089.4	4136.0	2962.2	2244.6	1781.3	1466.1	1228.1	1047.0	903.2	792.7
-20°	6783.9	4796.2	3502.0	2606.4	2020.3	1631.4	1382.3	1177.1	1015.1	884.7	780.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	5112.5	3884.4	2906.6	2240.2	1811.4	1515.4	1298.5	1120.2	976.3	858.5	765.4
-25°	3972.3	3098.1	2430.9	1978.9	1627.1	1387.7	1220.6	1075.2	945.6	832.5	746.9
-27.5°	3141.5	2515.5	2086.3	1735.6	1477.7	1301.0	1157.5	1028.4	912.6	812.8	728.0
-30°	2543.9	2137.5	1806.7	1543.8	1359.9	1212.2	1096.6	988.6	881.7	787.5	707.7
-32.5°	2083.9	1834.1	1585.5	1396.8	1244.1	1130.9	1036.8	945.7	844.1	761.5	686.6
-35°	1784.3	1602.7	1426.1	1275.7	1146.9	1060.6	976.9	891.7	808.9	732.1	662.4
-37.5°	1575.8	1427.5	1294.6	1173.4	1077.5	996.3	922.8	847.6	772.4	701.9	637.5
-40°	1413.4	1287.5	1182.5	1090.2	1013.5	944.0	877.2	807.8	740.8	670.2	610.7
-42.5°	1280.6	1181.2	1090.4	1019.6	954.5	895.3	836.4	775.9	710.2	643.3	580.6
-45°	1171.2	1093.0	1017.0	954.3	898.6	848.8	803.7	743.2	679.0	612.2	548.3
-47.5°	1079.4	1014.8	951.4	892.9	847.0	803.9	760.4	707.0	639.6	576.6	522.3
-50°	998.0	945.9	892.2	838.4	798.0	758.6	712.8	656.9	598.8	546.9	495.7
-52.5°	932.3	885.4	838.6	793.4	754.0	712.6	663.5	615.2	565.6	516.9	469.8
-55°	866.1	827.8	790.3	753.1	716.1	673.2	627.9	579.9	531.3	485.8	437.7
-57.5°	813.7	778.7	744.9	711.2	678.0	635.6	589.6	542.7	492.5	446.5	401.3
-60°	758.3	727.8	694.4	661.7	630.3	592.7	542.7	494.4	448.1	404.5	360.8
-62.5°	689.3	659.5	630.5	598.9	565.9	528.7	483.2	438.8	398.6	360.7	321.4
-65°	610.0	582.6	554.5	523.5	488.8	450.6	411.9	379.2	348.3	316.1	281.5
-67.5°	528.9	504.2	475.3	444.0	414.2	383.5	355.6	327.6	298.8	269.1	238.2
-70°	455.4	435.7	412.2	385.1	356.7	327.9	301.4	275.3	248.6	223.7	199.9
-72.5°	385.1	367.0	345.8	320.9	295.9	271.9	249.4	228.3	207.4	186.8	165.6
-75°	313.7	298.6	281.8	261.6	241.4	221.1	202.6	185.4	167.8	149.8	131.8
-77.5°	247.3	236.2	224.0	208.1	192.2	176.4	160.7	145.2	130.7	117.1	104.6
-80°	187.0	178.6	169.3	156.7	144.0	131.4	119.1	108.5	98.6	89.6	80.8
-82.5°	130.2	123.6	116.7	107.8	98.8	90.0	81.4	74.9	68.7	62.6	56.7
-85°	78.3	74.7	70.9	65.8	60.9	56.2	51.9	48.4	44.7	41.0	37.3
-87.5°	37.2	34.5	31.9	31.2	30.5	29.7	28.8	26.2	23.6	21.1	18.7
-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: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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	0.3	0.8	0.2	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.9	1.9	0.5
70°	0.0	0.0	0.0	0.8	0.8	0.0	0.0	1.2	3.3	3.7	2.7
67.5°	0.0	0.0	0.0	1.8	3.0	2.5	0.6	1.5	3.6	5.6	5.0
65°	3.0	2.1	0.2	2.3	4.4	5.7	4.3	2.6	3.9	5.9	7.3
62.5°	5.2	6.7	5.0	3.6	4.9	6.9	8.1	5.5	4.6	6.3	8.3
60°	5.8	7.9	8.9	7.0	6.2	7.4	8.8	8.1	6.4	6.6	8.6
57.5°	15.5	10.0	10.0	9.5	8.0	8.2	8.8	8.8	7.8	7.4	8.8
55°	28.7	21.0	14.8	11.9	10.0	8.7	9.0	8.8	8.8	8.1	8.8
52.5°	50.0	36.3	26.6	18.0	13.4	10.0	10.0	8.8	8.8	8.6	8.8
50°	79.7	57.2	42.0	30.2	18.8	14.7	11.4	10.2	8.8	8.8	8.8
47.5°	116.5	85.6	61.3	44.2	30.9	19.9	15.7	12.2	8.8	8.8	8.8
45°	143.8	119.4	85.4	61.8	43.5	30.0	21.1	14.5	10.9	9.1	8.8
42.5°	170.6	148.6	116.2	79.2	59.8	41.3	27.0	19.4	13.4	9.7	9.1
40°	204.9	177.3	145.6	107.9	77.8	52.5	36.6	25.1	16.2	11.2	9.8
37.5°	240.2	209.3	174.8	135.6	98.1	69.7	46.4	30.9	20.3	14.3	10.7
35°	279.8	242.7	203.7	162.1	122.1	87.3	55.8	37.9	25.9	17.5	11.7
32.5°	319.9	274.8	230.6	187.8	144.6	105.5	69.2	47.0	31.3	20.9	13.0
30°	358.7	306.6	255.4	212.3	165.9	124.8	85.9	56.9	36.5	24.4	14.7
27.5°	394.0	337.7	279.4	234.2	187.4	142.8	102.8	67.6	41.4	28.3	17.5
25°	430.9	369.4	306.8	253.7	207.6	161.0	118.3	79.0	48.8	32.5	20.3
22.5°	472.9	401.3	333.2	271.2	228.8	178.8	133.3	92.5	57.7	36.5	23.2
20°	517.9	432.9	359.8	296.2	248.7	197.1	148.1	104.9	66.7	40.3	26.0
17.5°	564.0	467.5	391.8	324.8	268.4	214.2	162.3	116.2	75.7	43.8	28.7
15°	595.4	502.3	420.7	351.4	288.1	230.0	175.6	126.5	84.7	47.1	31.5
12.5°	621.6	532.2	446.2	376.1	307.5	244.4	188.1	135.7	93.4	51.6	34.1
10°	644.8	557.4	468.3	398.7	326.3	257.5	199.5	143.9	101.4	57.3	36.6
7.5°	664.7	578.2	487.4	419.1	344.1	270.6	209.0	151.0	108.4	63.1	38.8
5°	681.5	596.1	503.3	432.3	360.7	284.4	217.1	157.3	114.3	68.8	40.7
2.5°	694.8	612.5	517.0	441.9	375.2	297.1	223.7	162.8	119.2	74.2	42.5
0°	704.5	625.3	528.4	449.1	387.5	308.2	229.0	167.3	123.3	79.3	44.0
-2.5°	710.9	627.4	540.5	457.4	394.8	317.4	239.7	173.0	126.6	83.8	46.7
-5°	713.7	627.2	549.6	463.8	400.2	324.8	248.6	177.6	129.1	87.7	49.1
-7.5°	717.6	630.1	554.5	468.9	403.8	330.5	255.5	181.1	131.1	90.8	51.2
-10°	719.2	633.0	555.7	475.1	406.7	334.6	260.0	183.3	132.5	93.1	53.1
-12.5°	717.1	632.8	555.4	478.5	408.1	337.0	262.3	186.7	133.8	94.5	54.7
-15°	711.4	629.0	554.1	478.9	407.9	337.9	263.1	189.9	136.5	94.9	56.1
-17.5°	702.6	621.8	552.1	476.0	406.2	337.4	262.3	191.4	137.9	94.2	57.4
-20°	693.9	615.1	549.1	469.7	403.2	335.6	260.0	191.1	137.8	92.8	58.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	682.5	608.8	539.4	463.3	398.8	332.5	256.3	188.9	136.2	90.7	59.3
-25°	668.0	599.3	528.3	458.3	393.2	326.2	252.1	184.8	133.1	87.9	59.6
-27.5°	653.6	586.4	516.5	451.4	385.6	318.6	246.4	180.8	128.6	84.4	59.4
-30°	636.8	571.9	506.2	442.0	374.9	307.9	238.4	174.8	123.8	82.6	58.8
-32.5°	618.4	557.3	494.6	427.8	361.5	296.0	228.1	166.5	118.3	81.6	58.1
-35°	599.8	541.0	480.6	410.2	346.9	283.0	217.6	155.9	112.0	80.0	57.3
-37.5°	578.1	520.8	457.9	391.2	331.5	269.2	207.8	149.8	105.0	77.7	56.2
-40°	553.3	496.1	431.9	373.4	315.2	254.4	197.3	144.3	100.5	74.7	54.9
-42.5°	525.5	468.4	411.0	355.2	298.2	241.9	186.4	137.5	98.5	72.3	53.3
-45°	496.9	443.4	391.5	336.5	281.0	228.8	177.2	130.0	95.5	70.2	51.7
-47.5°	470.3	422.2	370.3	316.3	266.0	215.4	166.6	125.0	91.4	67.8	49.9
-50°	447.7	398.9	347.0	295.8	248.5	201.7	155.5	118.5	87.9	65.2	47.7
-52.5°	421.7	372.4	321.7	273.2	229.8	186.5	146.1	110.8	83.0	61.9	45.1
-55°	390.8	341.9	293.3	250.8	210.2	172.0	135.0	102.8	76.8	58.2	42.2
-57.5°	354.6	307.2	267.3	228.7	190.6	155.8	122.6	93.1	71.2	54.0	38.8
-60°	317.5	279.1	242.7	205.0	169.9	138.3	108.6	83.4	65.5	49.4	35.1
-62.5°	284.5	249.5	213.6	179.0	148.4	119.9	94.2	75.9	59.3	44.3	31.0
-65°	247.5	214.3	182.2	153.8	126.6	102.7	84.5	67.8	52.5	38.8	27.3
-67.5°	207.7	181.1	154.1	128.4	108.3	90.6	74.2	59.1	45.3	32.9	25.1
-70°	175.5	150.7	128.5	110.3	93.5	77.9	63.3	49.9	37.6	29.4	22.6
-72.5°	144.8	125.7	108.2	92.6	78.1	64.5	51.8	40.9	32.7	25.7	19.9
-75°	115.4	101.6	87.8	74.3	62.0	50.8	42.5	34.4	27.6	21.8	17.4
-77.5°	92.5	80.1	67.5	57.9	50.3	42.7	35.0	27.6	22.9	19.0	15.0
-80°	71.1	62.5	54.9	48.3	41.4	34.4	28.5	23.3	19.7	16.1	12.5
-82.5°	51.1	46.6	42.5	38.7	33.3	28.3	23.8	19.8	16.5	13.3	9.8
-85°	34.8	32.6	30.7	28.9	25.2	21.9	18.2	14.8	11.7	9.0	6.6
-87.5°	17.8	17.0	16.1	15.1	13.0	11.0	9.1	7.4	5.9	4.5	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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	0.2	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.8	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	1.0	0.0
75°	0.2	0.7	0.1	0.0	0.2	1.2	0.0
72.5°	0.5	1.3	0.9	0.0	0.2	1.4	0.0
70°	1.0	2.0	1.8	0.2	0.4	1.6	0.0
67.5°	3.1	2.7	2.7	1.0	0.5	1.8	0.0
65°	5.1	3.8	3.6	1.9	0.7	2.0	0.0
62.5°	6.9	5.0	4.5	2.8	0.9	2.3	0.0
60°	8.6	6.1	5.5	3.7	1.2	2.5	0.0
57.5°	8.8	7.2	6.2	4.6	1.9	2.7	0.0
55°	8.8	8.1	6.8	5.6	2.6	3.0	0.0
52.5°	8.8	8.8	7.3	6.5	3.3	3.2	0.0
50°	8.8	8.8	7.8	7.5	4.0	3.5	0.0
47.5°	8.8	8.8	8.2	8.3	4.6	3.8	0.0
45°	8.8	8.8	8.5	8.6	5.1	4.0	0.0
42.5°	8.8	8.8	8.7	8.7	5.7	4.3	0.0
40°	8.8	8.8	8.8	8.8	6.1	4.6	0.0
37.5°	8.8	8.8	8.8	8.8	6.6	4.9	0.0
35°	8.8	8.8	8.8	8.8	7.0	5.1	0.0
32.5°	9.1	8.8	8.8	8.8	7.3	5.4	0.0
30°	10.0	8.8	8.8	8.8	7.6	5.7	0.0
27.5°	11.0	8.8	8.8	8.8	7.9	6.0	0.0
25°	12.0	8.8	8.8	8.8	8.1	6.3	0.0
22.5°	13.1	9.0	8.8	8.8	8.3	6.6	0.0
20°	14.2	9.6	8.8	8.8	8.4	6.9	0.0
17.5°	15.8	10.4	8.8	8.8	8.6	7.1	0.0
15°	17.6	11.3	8.8	8.8	8.6	7.4	0.0
12.5°	19.3	12.3	8.8	8.8	8.7	7.7	0.0
10°	20.9	13.3	8.8	8.8	8.8	7.9	0.0
7.5°	22.4	14.4	8.8	8.8	8.8	8.2	0.0
5°	23.8	15.5	8.8	8.8	8.8	8.4	0.0
2.5°	25.2	16.6	8.8	8.8	8.8	8.6	0.0
0°	26.4	17.6	8.8	8.8	8.8	8.8	0.0
-2.5°	28.7	18.5	9.6	8.8	8.8	8.8	0.0
-5°	30.8	19.4	10.3	8.8	8.8	8.8	0.0
-7.5°	32.8	20.1	11.0	8.8	8.8	8.7	0.0
-10°	34.5	20.8	11.7	8.8	8.8	8.7	0.0
-12.5°	36.0	21.4	12.3	8.8	8.8	8.6	0.0
-15°	37.1	21.9	12.8	8.8	8.8	8.5	0.0
-17.5°	37.8	22.2	13.1	8.8	8.8	8.4	0.0
-20°	38.3	22.5	13.4	8.8	8.8	8.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627758 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	38.8	22.7	13.5	8.8	8.8	8.1	0.0
-25°	39.1	23.3	13.5	8.8	8.8	8.0	0.0
-27.5°	39.1	23.9	13.3	8.8	8.8	7.8	0.0
-30°	38.9	24.3	12.9	8.8	8.8	7.6	0.0
-32.5°	38.4	24.5	12.9	8.8	8.8	7.4	0.0
-35°	38.3	24.4	12.7	8.8	8.8	7.2	0.0
-37.5°	38.1	24.2	12.4	8.8	8.8	7.0	0.0
-40°	37.7	23.7	12.0	8.8	8.8	6.7	0.0
-42.5°	36.9	23.0	11.9	8.9	8.8	6.5	0.0
-45°	35.7	22.1	12.2	9.1	8.8	6.2	0.0
-47.5°	34.3	20.9	12.4	9.3	8.8	5.9	0.0
-50°	32.5	19.5	12.5	9.4	8.8	5.7	0.0
-52.5°	30.5	17.9	12.5	9.5	8.8	5.4	0.0
-55°	28.1	17.4	12.4	9.5	8.8	5.0	0.0
-57.5°	25.5	17.0	12.3	9.5	8.8	4.7	0.0
-60°	22.8	16.5	12.0	9.5	8.8	4.4	0.0
-62.5°	21.7	15.8	11.7	9.4	8.1	4.1	0.0
-65°	20.3	15.0	11.3	9.2	7.4	3.7	0.0
-67.5°	18.8	14.0	10.8	9.0	6.7	3.4	0.0
-70°	17.1	13.0	10.2	8.8	6.0	3.0	0.0
-72.5°	15.3	11.8	9.6	7.9	5.3	2.6	0.0
-75°	13.3	10.6	8.9	6.8	4.5	2.3	0.0
-77.5°	11.2	9.3	7.6	5.7	3.8	1.9	0.0
-80°	9.1	7.6	6.1	4.6	3.1	1.5	0.0
-82.5°	6.8	5.7	4.6	3.4	2.3	1.1	0.0
-85°	4.5	3.8	3.1	2.3	1.5	0.8	0.0
-87.5°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)