

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: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-735-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2B-735-U-MR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N46  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

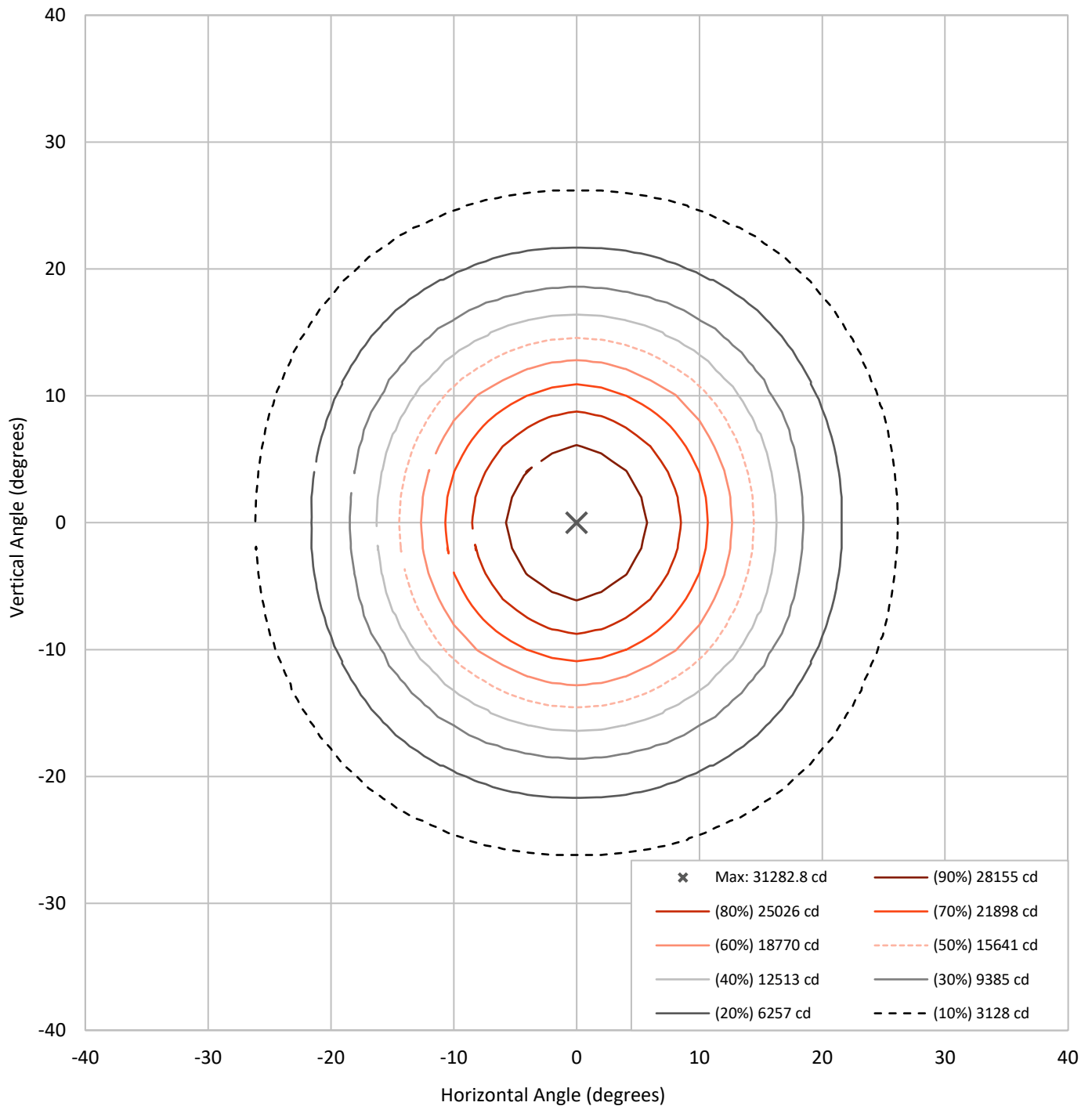
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	9773.8 lumens	Max Intensity:	31282.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	153.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	4751.9 lumens	Field Lumens:	8019.3 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	63.6		
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: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-735-U-MR-XX

### Iso-Candela Plot





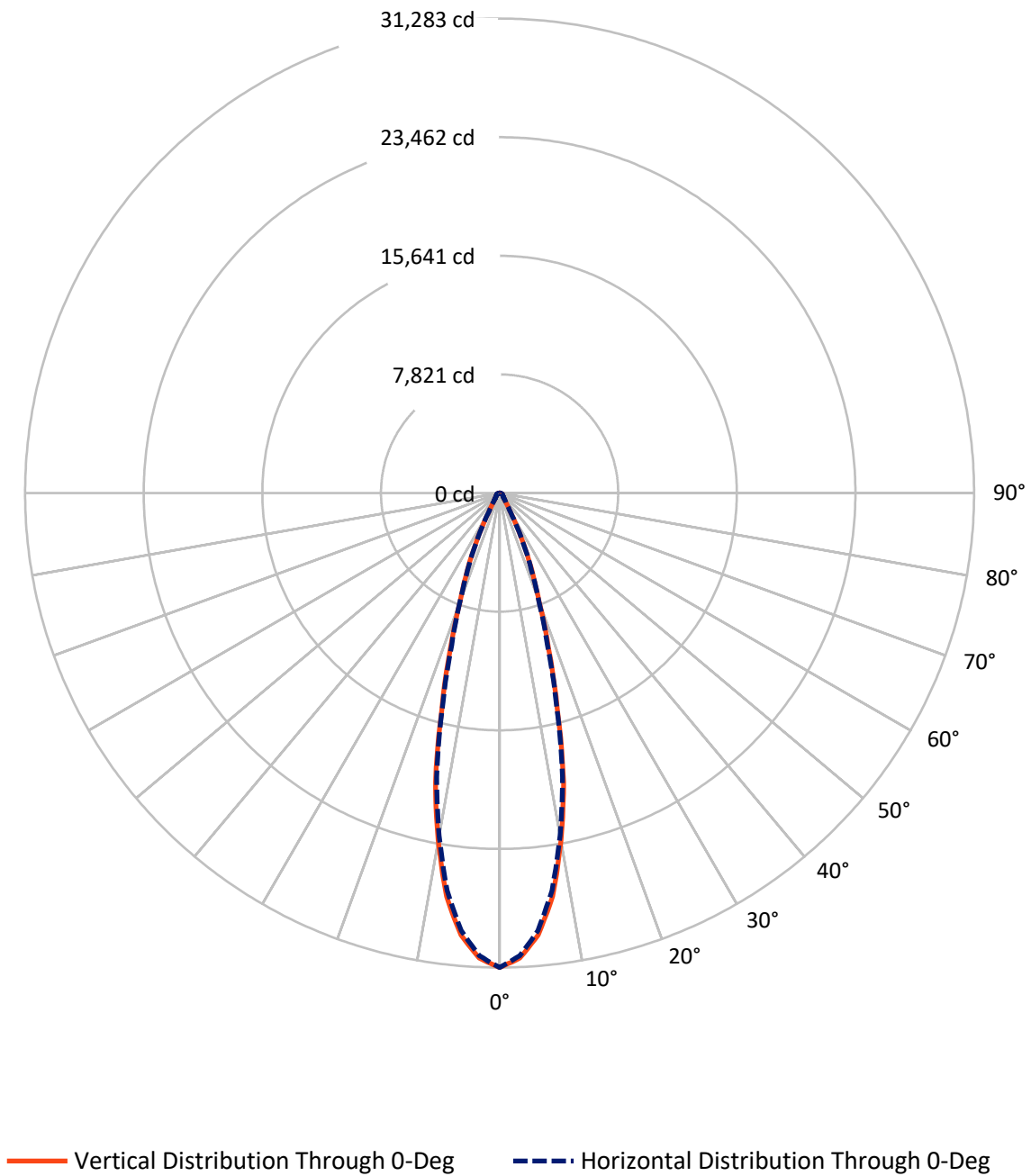
REPORT NUMBER: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-735-U-MR-XX

### Lumen Table

90	0.2	1.6	4.2	6.7	7.5	6.7	4.2	1.6	0.2										
80	0.2	1.6	4.2	6.7	7.5	6.7	4.2	1.6	0.2										
70	0.7	0.8	1.7	2.8	3.9	4.7	5.3	5.6	5.6	5.3	4.7	3.9	2.8	1.7	0.8	0.7			
60		1.3	2.5	4.1	5.5	6.7	7.5	7.8	7.8	7.5	6.7	5.5	4.1	2.5	1.3				
50	1.3	1.6	3.2	5.0	6.7	8.5	9.9	10.7	10.7	9.9	8.5	6.7	5.0	3.2	1.6	1.3			
40		1.9	3.8	5.8	8.2	11.7	16.9	22.0	22.0	16.9	11.7	8.2	5.8	3.8	1.9				
30	1.7	2.1	4.2	6.5	10.5	22.9	64.3	114.1	114.1	64.3	22.9	10.5	6.5	4.2	2.1	1.7			
20		2.3	4.4	7.1	14.3	60.0	213.8	409.7	409.7	213.8	60.0	14.3	7.1	4.4	2.3				
10	1.8	2.4	4.4	7.5	18.2	103.5	395.7	778.4	778.4	395.7	103.5	18.2	7.5	4.4	2.4	1.8			
0		2.4	4.4	7.5	18.2	103.5	395.7	778.4	778.4	395.7	103.5	18.2	7.5	4.4	2.4				
-10	1.7	2.3	4.4	7.1	14.3	60.0	213.8	409.7	409.7	213.8	60.0	14.3	7.1	4.4	2.3	1.7			
-20		2.1	4.2	6.5	10.5	22.9	64.3	114.1	114.1	64.3	22.9	10.5	6.5	4.2	2.1				
-30	1.3	1.9	3.8	5.8	8.2	11.7	16.9	22.0	22.0	16.9	11.7	8.2	5.8	3.8	1.9	1.3			
-40		1.6	3.2	5.0	6.7	8.5	9.9	10.7	10.7	9.9	8.5	6.7	5.0	3.2	1.6				
-50	0.7	1.3	2.5	4.1	5.5	6.7	7.5	7.8	7.8	7.5	6.7	5.5	4.1	2.5	1.3	0.7			
-60		0.8	1.7	2.8	3.9	4.7	5.3	5.6	5.6	5.3	4.7	3.9	2.8	1.7	0.8				
-70	0.2	1.6	4.2	6.7	7.5	6.7	4.2	1.6	0.2										
-80		0.2	1.6	4.2	6.7	7.5	6.7	4.2	1.6	0.2									
-90	0.2	1.6	4.2	6.7	7.5	6.7	4.2	1.6	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

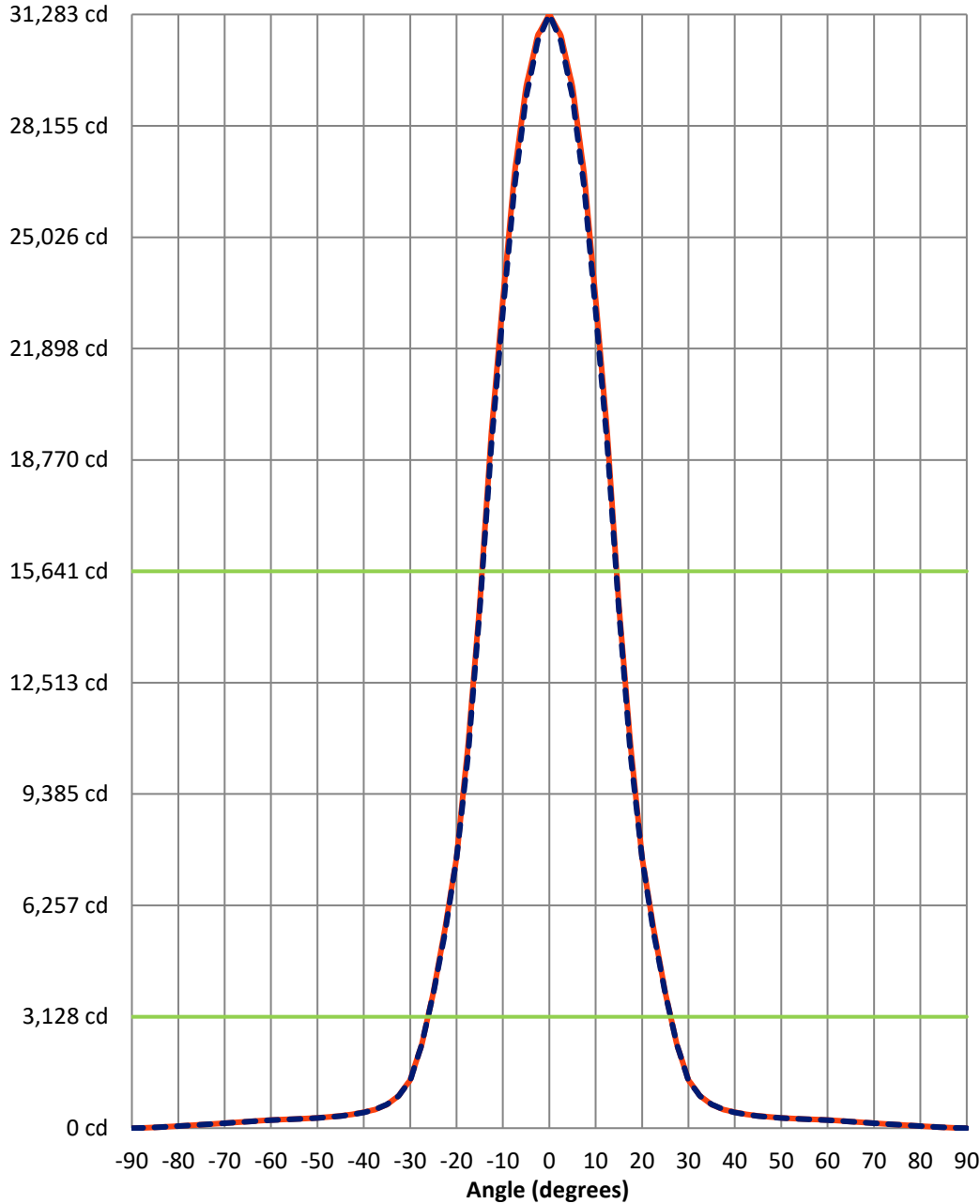
REPORT NUMBER: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-735-U-MR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-735-U-MR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 4751.9  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 8019.3  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 1754.5  
 Efficiency: 18.0%

- 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: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-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	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
85°	0.0	0.7	1.4	2.1	2.8	3.5	4.1	4.8	5.5	6.1	6.8
82.5°	0.0	1.0	2.1	3.1	4.2	5.2	6.2	7.2	8.4	10.3	12.3
80°	0.0	1.4	2.8	4.2	5.5	6.9	8.4	10.9	13.4	16.1	19.0
77.5°	0.0	1.7	3.5	5.2	6.9	9.0	12.0	15.2	18.5	22.0	25.8
75°	0.0	2.1	4.1	6.2	8.4	12.0	15.6	19.4	23.5	28.4	33.2
72.5°	0.0	2.4	4.8	7.2	10.8	14.9	19.1	23.8	29.5	35.1	40.6
70°	0.0	2.7	5.5	8.3	13.1	17.8	22.7	28.9	35.3	41.6	48.4
67.5°	0.0	3.1	6.1	10.0	15.4	20.7	27.1	34.0	41.1	48.8	56.3
65°	0.0	3.4	6.8	11.7	17.6	23.9	31.4	38.9	47.3	55.8	64.3
62.5°	0.0	3.7	7.4	13.4	19.8	27.4	35.6	44.2	53.5	62.7	72.5
60°	0.0	4.0	8.0	15.0	22.0	30.9	39.7	49.4	59.5	69.8	80.5
57.5°	0.0	4.3	9.0	16.6	24.7	34.3	44.1	54.6	65.4	76.7	88.4
55°	0.0	4.6	10.1	18.1	27.3	37.5	48.3	59.6	71.2	83.4	96.2
52.5°	0.0	4.9	11.1	19.6	29.8	40.7	52.3	64.4	76.8	90.2	103.7
50°	0.0	5.1	12.0	21.0	32.3	44.0	56.2	69.1	82.3	96.7	110.7
47.5°	0.0	5.4	12.9	22.5	34.7	47.1	60.0	73.7	87.9	103.0	117.3
45°	0.0	5.7	13.8	24.2	37.0	50.0	63.7	78.0	93.3	108.6	123.5
42.5°	0.0	5.9	14.7	25.9	39.2	52.8	67.3	82.4	98.5	113.9	129.3
40°	0.0	6.1	15.5	27.4	41.3	55.4	70.7	86.6	103.2	118.8	134.7
37.5°	0.0	6.3	16.3	28.9	43.3	57.9	73.9	90.6	107.4	123.6	139.8
35°	0.0	6.6	17.0	30.2	45.1	60.4	77.0	94.2	111.3	128.0	144.6
32.5°	0.0	6.7	17.7	31.5	46.9	62.7	79.8	97.7	115.0	132.2	149.3
30°	0.0	6.9	18.3	32.6	48.5	64.9	82.6	100.7	118.4	136.1	153.6
27.5°	0.0	7.1	18.9	33.6	49.9	67.0	85.0	103.5	121.6	139.7	157.6
25°	0.0	7.3	19.5	34.6	51.3	68.8	87.3	106.0	124.5	142.9	161.2
22.5°	0.0	7.4	19.9	35.4	52.5	70.5	89.3	108.2	127.1	145.8	164.9
20°	0.0	7.5	20.4	36.1	53.7	72.0	91.0	110.2	129.4	148.4	168.2
17.5°	0.0	7.6	20.8	36.7	54.7	73.2	92.7	112.0	131.4	150.7	171.0
15°	0.0	7.7	21.1	37.2	55.6	74.3	94.1	113.6	133.1	152.6	173.4
12.5°	0.0	7.8	21.4	37.7	56.4	75.1	95.4	115.1	134.6	154.2	175.4
10°	0.0	7.9	21.7	38.0	57.0	75.7	96.4	116.3	136.1	156.0	177.3
7.5°	0.0	7.9	21.9	38.2	57.5	76.1	97.3	117.3	137.2	157.7	179.3
5°	0.0	8.0	22.0	38.3	57.9	76.4	97.9	117.9	138.0	159.0	180.9
2.5°	0.0	8.0	22.1	38.3	58.1	76.4	98.3	118.4	138.4	160.0	182.0
0°	0.0	8.0	22.1	38.2	58.2	76.3	98.4	118.5	138.6	160.6	182.7
-2.5°	0.0	8.0	22.1	38.3	58.1	76.4	98.3	118.4	138.4	160.0	182.0
-5°	0.0	8.0	22.0	38.3	57.9	76.4	97.9	117.9	138.0	159.0	180.9
-7.5°	0.0	7.9	21.9	38.2	57.5	76.1	97.3	117.3	137.2	157.7	179.3
-10°	0.0	7.9	21.7	38.0	57.0	75.7	96.4	116.3	136.1	156.0	177.3
-12.5°	0.0	7.8	21.4	37.7	56.4	75.1	95.4	115.1	134.6	154.2	175.4
-15°	0.0	7.7	21.1	37.2	55.6	74.3	94.1	113.6	133.1	152.6	173.4
-17.5°	0.0	7.6	20.8	36.7	54.7	73.2	92.7	112.0	131.4	150.7	171.0
-20°	0.0	7.5	20.4	36.1	53.7	72.0	91.0	110.2	129.4	148.4	168.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.4	19.9	35.4	52.5	70.5	89.3	108.2	127.1	145.8	164.9
-25°	0.0	7.3	19.5	34.6	51.3	68.8	87.3	106.0	124.5	142.9	161.2
-27.5°	0.0	7.1	18.9	33.6	49.9	67.0	85.0	103.5	121.6	139.7	157.6
-30°	0.0	6.9	18.3	32.6	48.5	64.9	82.6	100.7	118.4	136.1	153.6
-32.5°	0.0	6.7	17.7	31.5	46.9	62.7	79.8	97.7	115.0	132.2	149.3
-35°	0.0	6.6	17.0	30.2	45.1	60.4	77.0	94.2	111.3	128.0	144.6
-37.5°	0.0	6.3	16.3	28.9	43.3	57.9	73.9	90.6	107.4	123.6	139.8
-40°	0.0	6.1	15.5	27.4	41.3	55.4	70.7	86.6	103.2	118.8	134.7
-42.5°	0.0	5.9	14.7	25.9	39.2	52.8	67.3	82.4	98.5	113.9	129.3
-45°	0.0	5.7	13.8	24.2	37.0	50.0	63.7	78.0	93.3	108.6	123.5
-47.5°	0.0	5.4	12.9	22.5	34.7	47.1	60.0	73.7	87.9	103.0	117.3
-50°	0.0	5.1	12.0	21.0	32.3	44.0	56.2	69.1	82.3	96.7	110.7
-52.5°	0.0	4.9	11.1	19.6	29.8	40.7	52.3	64.4	76.8	90.2	103.7
-55°	0.0	4.6	10.1	18.1	27.3	37.5	48.3	59.6	71.2	83.4	96.2
-57.5°	0.0	4.3	9.0	16.6	24.7	34.3	44.1	54.6	65.4	76.7	88.4
-60°	0.0	4.0	8.0	15.0	22.0	30.9	39.7	49.4	59.5	69.8	80.5
-62.5°	0.0	3.7	7.4	13.4	19.8	27.4	35.6	44.2	53.5	62.7	72.5
-65°	0.0	3.4	6.8	11.7	17.6	23.9	31.4	38.9	47.3	55.8	64.3
-67.5°	0.0	3.1	6.1	10.0	15.4	20.7	27.1	34.0	41.1	48.8	56.3
-70°	0.0	2.7	5.5	8.3	13.1	17.8	22.7	28.9	35.3	41.6	48.4
-72.5°	0.0	2.4	4.8	7.2	10.8	14.9	19.1	23.8	29.5	35.1	40.6
-75°	0.0	2.1	4.1	6.2	8.4	12.0	15.6	19.4	23.5	28.4	33.2
-77.5°	0.0	1.7	3.5	5.2	6.9	9.0	12.0	15.2	18.5	22.0	25.8
-80°	0.0	1.4	2.8	4.2	5.5	6.9	8.4	10.9	13.4	16.1	19.0
-82.5°	0.0	1.0	2.1	3.1	4.2	5.2	6.2	7.2	8.4	10.3	12.3
-85°	0.0	0.7	1.4	2.1	2.8	3.5	4.1	4.8	5.5	6.1	6.8
-87.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
-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: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-735-U-MR-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°	3.7	4.0	4.3	4.6	4.9	5.1	5.4	5.7	5.9	6.1	6.3
85°	7.4	8.0	9.2	10.4	11.5	12.6	13.6	14.7	15.6	16.6	17.4
82.5°	14.2	16.0	17.8	19.6	21.3	22.9	24.5	26.0	27.5	28.9	30.2
80°	21.5	24.0	26.5	28.7	31.0	33.2	35.3	37.3	39.3	41.4	43.5
77.5°	29.3	32.5	35.3	37.9	40.8	44.2	47.5	50.6	53.7	56.6	59.3
75°	37.3	40.9	44.8	48.7	52.7	56.8	60.8	64.6	68.4	72.2	76.0
72.5°	45.8	50.6	55.3	59.9	65.0	70.0	74.6	78.8	83.5	88.7	93.4
70°	54.7	60.3	66.2	72.1	77.9	83.5	89.1	94.9	100.6	106.2	111.6
67.5°	63.6	70.7	77.6	84.3	90.8	97.5	104.2	111.1	117.8	124.1	130.3
65°	73.2	81.1	88.8	96.3	103.6	111.8	119.7	127.4	135.8	143.6	150.4
62.5°	82.5	91.4	99.9	108.4	117.2	126.2	135.5	145.1	155.2	162.4	168.6
60°	91.5	101.5	111.0	120.7	130.6	140.7	151.4	161.7	170.8	178.7	185.2
57.5°	100.3	111.4	121.9	132.5	143.3	154.8	166.5	177.1	185.6	193.2	200.4
55°	108.7	121.1	132.3	143.5	155.8	169.3	181.3	190.8	199.6	205.9	212.7
52.5°	116.8	130.0	141.8	154.4	168.4	182.4	194.3	203.6	210.9	217.4	224.1
50°	124.5	137.8	150.8	165.2	180.0	194.1	206.1	214.6	222.0	228.7	235.2
47.5°	131.5	145.4	160.0	175.4	190.9	204.8	216.3	225.0	232.6	239.5	246.7
45°	138.1	153.0	168.6	185.4	201.3	215.0	225.5	234.8	242.2	250.0	258.9
42.5°	144.4	160.3	177.3	195.2	211.4	223.9	234.1	243.0	251.5	261.0	270.8
40°	150.6	167.1	185.5	204.3	220.8	231.7	241.9	251.4	261.2	271.8	282.6
37.5°	156.4	174.1	193.2	212.8	227.7	239.0	249.6	260.2	271.1	282.6	296.0
35°	161.7	180.6	200.5	219.5	233.8	246.2	257.5	269.0	281.2	295.2	310.1
32.5°	166.8	186.4	207.4	225.2	239.4	252.7	265.2	278.0	292.1	307.5	324.5
30°	171.9	192.2	213.4	230.9	244.4	257.9	272.6	286.9	302.5	319.7	339.6
27.5°	176.8	197.5	218.4	235.5	248.8	262.5	278.2	295.7	312.8	331.6	354.6
25°	181.4	202.9	223.3	239.1	252.5	266.9	283.3	301.9	322.0	344.4	372.6
22.5°	185.6	207.9	228.0	242.2	255.7	270.8	288.4	308.1	329.9	355.8	390.3
20°	189.6	211.7	231.2	245.0	258.2	273.9	292.8	313.6	338.5	369.9	411.1
17.5°	193.1	215.0	233.3	247.3	261.0	277.1	296.6	318.2	346.2	382.3	431.1
15°	196.1	217.7	235.2	249.1	263.3	280.3	300.5	324.0	354.6	394.4	448.3
12.5°	198.6	219.8	236.8	250.4	265.1	282.7	303.7	329.5	363.0	407.6	471.5
10°	200.5	221.3	238.0	251.2	266.4	284.3	306.3	333.9	369.8	418.7	491.4
7.5°	202.4	222.6	238.9	251.5	267.1	285.1	308.1	337.0	374.8	427.0	507.3
5°	203.8	223.9	239.4	252.2	267.6	285.5	309.3	338.8	378.0	432.4	518.5
2.5°	204.5	224.6	239.4	252.8	267.6	285.6	310.7	339.8	381.4	437.1	524.9
0°	204.8	224.9	239.0	253.0	267.1	285.1	311.2	339.4	383.5	439.8	526.1
-2.5°	204.5	224.6	239.4	252.8	267.6	285.6	310.7	339.8	381.4	437.1	524.9
-5°	203.8	223.9	239.4	252.2	267.6	285.5	309.3	338.8	378.0	432.4	518.5
-7.5°	202.4	222.6	238.9	251.5	267.1	285.1	308.1	337.0	374.8	427.0	507.3
-10°	200.5	221.3	238.0	251.2	266.4	284.3	306.3	333.9	369.8	418.7	491.4
-12.5°	198.6	219.8	236.8	250.4	265.1	282.7	303.7	329.5	363.0	407.6	471.5
-15°	196.1	217.7	235.2	249.1	263.3	280.3	300.5	324.0	354.6	394.4	448.3
-17.5°	193.1	215.0	233.3	247.3	261.0	277.1	296.6	318.2	346.2	382.3	431.1
-20°	189.6	211.7	231.2	245.0	258.2	273.9	292.8	313.6	338.5	369.9	411.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	185.6	207.9	228.0	242.2	255.7	270.8	288.4	308.1	329.9	355.8	390.3
-25°	181.4	202.9	223.3	239.1	252.5	266.9	283.3	301.9	322.0	344.4	372.6
-27.5°	176.8	197.5	218.4	235.5	248.8	262.5	278.2	295.7	312.8	331.6	354.6
-30°	171.9	192.2	213.4	230.9	244.4	257.9	272.6	286.9	302.5	319.7	339.6
-32.5°	166.8	186.4	207.4	225.2	239.4	252.7	265.2	278.0	292.1	307.5	324.5
-35°	161.7	180.6	200.5	219.5	233.8	246.2	257.5	269.0	281.2	295.2	310.1
-37.5°	156.4	174.1	193.2	212.8	227.7	239.0	249.6	260.2	271.1	282.6	296.0
-40°	150.6	167.1	185.5	204.3	220.8	231.7	241.9	251.4	261.2	271.8	282.6
-42.5°	144.4	160.3	177.3	195.2	211.4	223.9	234.1	243.0	251.5	261.0	270.8
-45°	138.1	153.0	168.6	185.4	201.3	215.0	225.5	234.8	242.2	250.0	258.9
-47.5°	131.5	145.4	160.0	175.4	190.9	204.8	216.3	225.0	232.6	239.5	246.7
-50°	124.5	137.8	150.8	165.2	180.0	194.1	206.1	214.6	222.0	228.7	235.2
-52.5°	116.8	130.0	141.8	154.4	168.4	182.4	194.3	203.6	210.9	217.4	224.1
-55°	108.7	121.1	132.3	143.5	155.8	169.3	181.3	190.8	199.6	205.9	212.7
-57.5°	100.3	111.4	121.9	132.5	143.3	154.8	166.5	177.1	185.6	193.2	200.4
-60°	91.5	101.5	111.0	120.7	130.6	140.7	151.4	161.7	170.8	178.7	185.2
-62.5°	82.5	91.4	99.9	108.4	117.2	126.2	135.5	145.1	155.2	162.4	168.6
-65°	73.2	81.1	88.8	96.3	103.6	111.8	119.7	127.4	135.8	143.6	150.4
-67.5°	63.6	70.7	77.6	84.3	90.8	97.5	104.2	111.1	117.8	124.1	130.3
-70°	54.7	60.3	66.2	72.1	77.9	83.5	89.1	94.9	100.6	106.2	111.6
-72.5°	45.8	50.6	55.3	59.9	65.0	70.0	74.6	78.8	83.5	88.7	93.4
-75°	37.3	40.9	44.8	48.7	52.7	56.8	60.8	64.6	68.4	72.2	76.0
-77.5°	29.3	32.5	35.3	37.9	40.8	44.2	47.5	50.6	53.7	56.6	59.3
-80°	21.5	24.0	26.5	28.7	31.0	33.2	35.3	37.3	39.3	41.4	43.5
-82.5°	14.2	16.0	17.8	19.6	21.3	22.9	24.5	26.0	27.5	28.9	30.2
-85°	7.4	8.0	9.2	10.4	11.5	12.6	13.6	14.7	15.6	16.6	17.4
-87.5°	3.7	4.0	4.3	4.6	4.9	5.1	5.4	5.7	5.9	6.1	6.3
-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: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-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°	6.6	6.7	6.9	7.1	7.3	7.4	7.5	7.6	7.7	7.8	7.9
85°	18.3	19.0	19.8	20.5	21.1	21.2	21.3	21.3	21.1	21.4	21.7
82.5°	31.4	32.8	34.3	35.7	37.1	37.6	37.9	38.2	38.4	38.9	39.4
80°	45.6	47.8	49.9	51.7	53.4	54.5	55.6	56.6	57.5	57.9	58.1
77.5°	62.1	64.8	67.3	69.6	71.8	73.5	74.9	76.0	76.9	77.4	77.8
75°	79.8	83.3	86.3	89.1	91.7	93.5	94.8	95.8	96.4	97.1	97.6
72.5°	97.8	101.7	105.3	108.7	111.7	113.8	115.3	116.4	117.3	118.0	118.4
70°	116.6	121.3	125.3	128.7	131.4	133.4	135.0	136.3	137.3	137.9	138.3
67.5°	136.2	141.1	144.9	147.9	150.3	152.4	154.4	155.8	156.8	157.7	158.8
65°	156.1	161.1	165.0	168.1	170.7	173.5	176.0	177.8	179.0	180.2	181.3
62.5°	174.8	180.5	184.9	189.1	193.3	197.2	199.5	201.3	202.5	203.6	204.9
60°	191.8	198.3	203.7	208.7	213.9	219.0	221.1	222.7	224.3	225.7	227.1
57.5°	206.9	213.8	220.4	225.3	230.2	235.0	238.3	240.1	241.3	242.0	242.6
55°	220.0	226.9	233.4	239.2	244.5	249.4	253.1	254.9	256.2	257.0	257.5
52.5°	231.8	239.1	246.2	252.5	258.3	263.6	268.2	270.6	272.6	274.0	274.4
50°	243.3	251.3	258.9	265.7	272.4	278.7	284.6	287.9	290.3	291.8	292.3
47.5°	255.4	264.1	272.3	280.1	287.7	295.2	302.2	306.8	310.3	312.8	314.6
45°	268.0	277.3	286.4	295.6	304.4	314.1	322.9	329.6	334.6	338.9	342.4
42.5°	280.6	291.1	301.5	313.5	325.3	336.4	346.9	355.8	364.0	372.0	378.2
40°	294.4	305.8	320.1	334.3	348.9	361.8	377.1	390.8	403.3	416.9	428.1
37.5°	309.4	324.1	341.0	358.0	377.1	395.6	416.9	437.9	456.2	479.9	498.9
35°	325.8	344.4	364.4	387.2	411.8	440.8	470.6	505.6	535.4	573.1	607.9
32.5°	344.0	365.9	391.9	423.2	456.3	503.0	546.7	606.0	656.8	722.2	793.7
30°	362.5	390.9	426.2	466.6	522.7	588.9	666.0	766.3	874.9	987.1	1138.2
27.5°	384.5	421.3	465.4	527.8	611.8	703.4	860.5	1030.1	1266.5	1453.5	1786.7
25°	408.2	453.8	518.8	609.3	725.4	910.6	1175.8	1483.0	1955.8	2376.4	2859.9
22.5°	436.2	498.2	584.3	702.8	905.1	1223.8	1637.8	2268.4	2969.4	3661.3	4293.7
20°	465.9	540.7	661.2	854.1	1166.8	1627.7	2366.3	3267.4	4198.0	5146.3	5945.3
17.5°	500.6	602.2	760.8	1017.1	1463.2	2252.4	3238.9	4384.7	5600.5	6810.5	7861.5
15°	530.4	655.9	869.5	1253.4	1918.6	2905.8	4118.2	5565.3	7094.3	8664.5	10366.4
12.5°	568.4	720.6	981.5	1448.7	2322.7	3605.8	5089.2	6769.4	8636.4	10721.4	13374.6
10°	603.3	788.5	1128.8	1761.7	2808.4	4259.6	5928.1	7834.2	10256.0	13389.1	16589.5
7.5°	631.2	842.4	1243.1	2005.9	3215.7	4818.2	6683.3	8968.7	11990.0	15720.9	19377.5
5°	650.7	879.6	1324.8	2190.5	3543.4	5245.1	7219.3	9805.0	13451.7	17629.6	21363.2
2.5°	662.9	900.1	1364.8	2300.1	3757.2	5502.0	7553.7	10336.5	14347.5	18844.6	22624.8
0°	668.7	903.6	1339.3	2353.4	3787.1	5483.9	7584.3	10514.0	14560.1	19174.5	22939.5
-2.5°	662.9	900.1	1364.8	2300.1	3757.2	5502.0	7553.7	10336.5	14347.5	18844.6	22624.8
-5°	650.7	879.6	1324.8	2190.5	3543.4	5245.1	7219.3	9805.0	13451.7	17629.6	21363.2
-7.5°	631.2	842.4	1243.1	2005.9	3215.7	4818.2	6683.3	8968.7	11990.0	15720.9	19377.5
-10°	603.3	788.5	1128.8	1761.7	2808.4	4259.6	5928.1	7834.2	10256.0	13389.1	16589.5
-12.5°	568.4	720.6	981.5	1448.7	2322.7	3605.8	5089.2	6769.4	8636.4	10721.4	13374.6
-15°	530.4	655.9	869.5	1253.4	1918.6	2905.8	4118.2	5565.3	7094.3	8664.5	10366.4
-17.5°	500.6	602.2	760.8	1017.1	1463.2	2252.4	3238.9	4384.7	5600.5	6810.5	7861.5
-20°	465.9	540.7	661.2	854.1	1166.8	1627.7	2366.3	3267.4	4198.0	5146.3	5945.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	436.2	498.2	584.3	702.8	905.1	1223.8	1637.8	2268.4	2969.4	3661.3	4293.7
-25°	408.2	453.8	518.8	609.3	725.4	910.6	1175.8	1483.0	1955.8	2376.4	2859.9
-27.5°	384.5	421.3	465.4	527.8	611.8	703.4	860.5	1030.1	1266.5	1453.5	1786.7
-30°	362.5	390.9	426.2	466.6	522.7	588.9	666.0	766.3	874.9	987.1	1138.2
-32.5°	344.0	365.9	391.9	423.2	456.3	503.0	546.7	606.0	656.8	722.2	793.7
-35°	325.8	344.4	364.4	387.2	411.8	440.8	470.6	505.6	535.4	573.1	607.9
-37.5°	309.4	324.1	341.0	358.0	377.1	395.6	416.9	437.9	456.2	479.9	498.9
-40°	294.4	305.8	320.1	334.3	348.9	361.8	377.1	390.8	403.3	416.9	428.1
-42.5°	280.6	291.1	301.5	313.5	325.3	336.4	346.9	355.8	364.0	372.0	378.2
-45°	268.0	277.3	286.4	295.6	304.4	314.1	322.9	329.6	334.6	338.9	342.4
-47.5°	255.4	264.1	272.3	280.1	287.7	295.2	302.2	306.8	310.3	312.8	314.6
-50°	243.3	251.3	258.9	265.7	272.4	278.7	284.6	287.9	290.3	291.8	292.3
-52.5°	231.8	239.1	246.2	252.5	258.3	263.6	268.2	270.6	272.6	274.0	274.4
-55°	220.0	226.9	233.4	239.2	244.5	249.4	253.1	254.9	256.2	257.0	257.5
-57.5°	206.9	213.8	220.4	225.3	230.2	235.0	238.3	240.1	241.3	242.0	242.6
-60°	191.8	198.3	203.7	208.7	213.9	219.0	221.1	222.7	224.3	225.7	227.1
-62.5°	174.8	180.5	184.9	189.1	193.3	197.2	199.5	201.3	202.5	203.6	204.9
-65°	156.1	161.1	165.0	168.1	170.7	173.5	176.0	177.8	179.0	180.2	181.3
-67.5°	136.2	141.1	144.9	147.9	150.3	152.4	154.4	155.8	156.8	157.7	158.8
-70°	116.6	121.3	125.3	128.7	131.4	133.4	135.0	136.3	137.3	137.9	138.3
-72.5°	97.8	101.7	105.3	108.7	111.7	113.8	115.3	116.4	117.3	118.0	118.4
-75°	79.8	83.3	86.3	89.1	91.7	93.5	94.8	95.8	96.4	97.1	97.6
-77.5°	62.1	64.8	67.3	69.6	71.8	73.5	74.9	76.0	76.9	77.4	77.8
-80°	45.6	47.8	49.9	51.7	53.4	54.5	55.6	56.6	57.5	57.9	58.1
-82.5°	31.4	32.8	34.3	35.7	37.1	37.6	37.9	38.2	38.4	38.9	39.4
-85°	18.3	19.0	19.8	20.5	21.1	21.2	21.3	21.3	21.1	21.4	21.7
-87.5°	6.6	6.7	6.9	7.1	7.3	7.4	7.5	7.6	7.7	7.8	7.9
-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: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-735-U-MR-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°	7.9	8.0	8.0	8.0	8.0	8.0	7.9	7.9	7.8	7.7	7.6
85°	21.9	22.0	22.1	22.1	22.1	22.0	21.9	21.7	21.4	21.1	21.3
82.5°	39.7	40.0	40.1	40.2	40.1	40.0	39.7	39.4	38.9	38.4	38.2
80°	58.1	57.9	58.1	58.2	58.1	57.9	58.1	58.1	57.9	57.5	56.6
77.5°	78.0	77.9	78.2	78.3	78.2	77.9	78.0	77.8	77.4	76.9	76.0
75°	97.9	98.0	98.3	98.4	98.3	98.0	97.9	97.6	97.1	96.4	95.8
72.5°	118.4	118.0	118.4	118.5	118.4	118.0	118.4	118.4	118.0	117.3	116.4
70°	138.4	138.1	139.4	140.6	139.4	138.1	138.4	138.3	137.9	137.3	136.3
67.5°	159.5	159.9	161.3	162.6	161.3	159.9	159.5	158.8	157.7	156.8	155.8
65°	181.9	182.0	183.4	184.7	183.4	182.0	181.9	181.3	180.2	179.0	177.8
62.5°	205.7	206.0	207.4	208.8	207.4	206.0	205.7	204.9	203.6	202.5	201.3
60°	227.9	228.1	228.6	228.9	228.6	228.1	227.9	227.1	225.7	224.3	222.7
57.5°	242.8	242.6	242.8	243.0	242.8	242.6	242.8	242.6	242.0	241.3	240.1
55°	257.4	256.8	256.0	255.0	256.0	256.8	257.4	257.5	257.0	256.2	254.9
52.5°	274.1	273.0	272.1	271.1	272.1	273.0	274.1	274.4	274.0	272.6	270.6
50°	292.0	291.1	290.2	289.2	290.2	291.1	292.0	292.3	291.8	290.3	287.9
47.5°	315.9	316.3	316.1	315.3	316.1	316.3	315.9	314.6	312.8	310.3	306.8
45°	344.9	346.0	346.2	345.4	346.2	346.0	344.9	342.4	338.9	334.6	329.6
42.5°	382.6	385.1	386.5	387.5	386.5	385.1	382.6	378.2	372.0	364.0	355.8
40°	436.2	441.4	444.7	447.8	444.7	441.4	436.2	428.1	416.9	403.3	390.8
37.5°	513.0	522.5	526.7	524.1	526.7	522.5	513.0	498.9	479.9	456.2	437.9
35°	634.7	652.6	661.9	662.6	661.9	652.6	634.7	607.9	573.1	535.4	505.6
32.5°	846.5	883.1	902.8	905.6	902.8	883.1	846.5	793.7	722.2	656.8	606.0
30°	1253.9	1328.6	1363.7	1355.4	1363.7	1328.6	1253.9	1138.2	987.1	874.9	766.3
27.5°	2045.8	2232.1	2342.6	2351.4	2342.6	2232.1	2045.8	1786.7	1453.5	1266.5	1030.1
25°	3288.0	3606.2	3809.9	3813.2	3809.9	3606.2	3288.0	2859.9	2376.4	1955.8	1483.0
22.5°	4878.5	5312.8	5550.8	5592.3	5550.8	5312.8	4878.5	4293.7	3661.3	2969.4	2268.4
20°	6721.1	7298.9	7608.0	7608.4	7608.0	7298.9	6721.1	5945.3	5146.3	4198.0	3267.4
17.5°	8990.4	9928.5	10517.5	10771.0	10517.5	9928.5	8990.4	7861.5	6810.5	5600.5	4384.7
15°	12005.2	13581.7	14526.4	14696.6	14526.4	13581.7	12005.2	10366.4	8664.5	7094.3	5565.3
12.5°	15676.0	17671.1	19012.3	19503.8	19012.3	17671.1	15676.0	13374.6	10721.4	8636.4	6769.4
10°	19508.7	21357.3	22794.1	23276.9	22794.1	21357.3	19508.7	16589.5	13389.1	10256.0	7834.2
7.5°	22277.5	24481.9	26100.3	26811.0	26100.3	24481.9	22277.5	19377.5	15720.9	11990.0	8968.7
5°	24463.2	27071.5	28578.1	29246.7	28578.1	27071.5	24463.2	21363.2	17629.6	13451.7	9805.0
2.5°	25897.2	28474.5	30069.9	30686.5	30069.9	28474.5	25897.2	22624.8	18844.6	14347.5	10336.5
0°	26433.5	28953.5	30529.8	31282.8	30529.8	28953.5	26433.5	22939.5	19174.5	14560.1	10514.0
-2.5°	25897.2	28474.5	30069.9	30686.5	30069.9	28474.5	25897.2	22624.8	18844.6	14347.5	10336.5
-5°	24463.2	27071.5	28578.1	29246.7	28578.1	27071.5	24463.2	21363.2	17629.6	13451.7	9805.0
-7.5°	22277.5	24481.9	26100.3	26811.0	26100.3	24481.9	22277.5	19377.5	15720.9	11990.0	8968.7
-10°	19508.7	21357.3	22794.1	23276.9	22794.1	21357.3	19508.7	16589.5	13389.1	10256.0	7834.2
-12.5°	15676.0	17671.1	19012.3	19503.8	19012.3	17671.1	15676.0	13374.6	10721.4	8636.4	6769.4
-15°	12005.2	13581.7	14526.4	14696.6	14526.4	13581.7	12005.2	10366.4	8664.5	7094.3	5565.3
-17.5°	8990.4	9928.5	10517.5	10771.0	10517.5	9928.5	8990.4	7861.5	6810.5	5600.5	4384.7
-20°	6721.1	7298.9	7608.0	7608.4	7608.0	7298.9	6721.1	5945.3	5146.3	4198.0	3267.4



REPORT NUMBER: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4878.5	5312.8	5550.8	5592.3	5550.8	5312.8	4878.5	4293.7	3661.3	2969.4	2268.4
-25°	3288.0	3606.2	3809.9	3813.2	3809.9	3606.2	3288.0	2859.9	2376.4	1955.8	1483.0
-27.5°	2045.8	2232.1	2342.6	2351.4	2342.6	2232.1	2045.8	1786.7	1453.5	1266.5	1030.1
-30°	1253.9	1328.6	1363.7	1355.4	1363.7	1328.6	1253.9	1138.2	987.1	874.9	766.3
-32.5°	846.5	883.1	902.8	905.6	902.8	883.1	846.5	793.7	722.2	656.8	606.0
-35°	634.7	652.6	661.9	662.6	661.9	652.6	634.7	607.9	573.1	535.4	505.6
-37.5°	513.0	522.5	526.7	524.1	526.7	522.5	513.0	498.9	479.9	456.2	437.9
-40°	436.2	441.4	444.7	447.8	444.7	441.4	436.2	428.1	416.9	403.3	390.8
-42.5°	382.6	385.1	386.5	387.5	386.5	385.1	382.6	378.2	372.0	364.0	355.8
-45°	344.9	346.0	346.2	345.4	346.2	346.0	344.9	342.4	338.9	334.6	329.6
-47.5°	315.9	316.3	316.1	315.3	316.1	316.3	315.9	314.6	312.8	310.3	306.8
-50°	292.0	291.1	290.2	289.2	290.2	291.1	292.0	292.3	291.8	290.3	287.9
-52.5°	274.1	273.0	272.1	271.1	272.1	273.0	274.1	274.4	274.0	272.6	270.6
-55°	257.4	256.8	256.0	255.0	256.0	256.8	257.4	257.5	257.0	256.2	254.9
-57.5°	242.8	242.6	242.8	243.0	242.8	242.6	242.8	242.6	242.0	241.3	240.1
-60°	227.9	228.1	228.6	228.9	228.6	228.1	227.9	227.1	225.7	224.3	222.7
-62.5°	205.7	206.0	207.4	208.8	207.4	206.0	205.7	204.9	203.6	202.5	201.3
-65°	181.9	182.0	183.4	184.7	183.4	182.0	181.9	181.3	180.2	179.0	177.8
-67.5°	159.5	159.9	161.3	162.6	161.3	159.9	159.5	158.8	157.7	156.8	155.8
-70°	138.4	138.1	139.4	140.6	139.4	138.1	138.4	138.3	137.9	137.3	136.3
-72.5°	118.4	118.0	118.4	118.5	118.4	118.0	118.4	118.4	118.0	117.3	116.4
-75°	97.9	98.0	98.3	98.4	98.3	98.0	97.9	97.6	97.1	96.4	95.8
-77.5°	78.0	77.9	78.2	78.3	78.2	77.9	78.0	77.8	77.4	76.9	76.0
-80°	58.1	57.9	58.1	58.2	58.1	57.9	58.1	58.1	57.9	57.5	56.6
-82.5°	39.7	40.0	40.1	40.2	40.1	40.0	39.7	39.4	38.9	38.4	38.2
-85°	21.9	22.0	22.1	22.1	22.1	22.0	21.9	21.7	21.4	21.1	21.3
-87.5°	7.9	8.0	8.0	8.0	8.0	8.0	7.9	7.9	7.8	7.7	7.6
-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: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-735-U-MR-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°	7.5	7.4	7.3	7.1	6.9	6.7	6.6	6.3	6.1	5.9	5.7
85°	21.3	21.2	21.1	20.5	19.8	19.0	18.3	17.4	16.6	15.6	14.7
82.5°	37.9	37.6	37.1	35.7	34.3	32.8	31.4	30.2	28.9	27.5	26.0
80°	55.6	54.5	53.4	51.7	49.9	47.8	45.6	43.5	41.4	39.3	37.3
77.5°	74.9	73.5	71.8	69.6	67.3	64.8	62.1	59.3	56.6	53.7	50.6
75°	94.8	93.5	91.7	89.1	86.3	83.3	79.8	76.0	72.2	68.4	64.6
72.5°	115.3	113.8	111.7	108.7	105.3	101.7	97.8	93.4	88.7	83.5	78.8
70°	135.0	133.4	131.4	128.7	125.3	121.3	116.6	111.6	106.2	100.6	94.9
67.5°	154.4	152.4	150.3	147.9	144.9	141.1	136.2	130.3	124.1	117.8	111.1
65°	176.0	173.5	170.7	168.1	165.0	161.1	156.1	150.4	143.6	135.8	127.4
62.5°	199.5	197.2	193.3	189.1	184.9	180.5	174.8	168.6	162.4	155.2	145.1
60°	221.1	219.0	213.9	208.7	203.7	198.3	191.8	185.2	178.7	170.8	161.7
57.5°	238.3	235.0	230.2	225.3	220.4	213.8	206.9	200.4	193.2	185.6	177.1
55°	253.1	249.4	244.5	239.2	233.4	226.9	220.0	212.7	205.9	199.6	190.8
52.5°	268.2	263.6	258.3	252.5	246.2	239.1	231.8	224.1	217.4	210.9	203.6
50°	284.6	278.7	272.4	265.7	258.9	251.3	243.3	235.2	228.7	222.0	214.6
47.5°	302.2	295.2	287.7	280.1	272.3	264.1	255.4	246.7	239.5	232.6	225.0
45°	322.9	314.1	304.4	295.6	286.4	277.3	268.0	258.9	250.0	242.2	234.8
42.5°	346.9	336.4	325.3	313.5	301.5	291.1	280.6	270.8	261.0	251.5	243.0
40°	377.1	361.8	348.9	334.3	320.1	305.8	294.4	282.6	271.8	261.2	251.4
37.5°	416.9	395.6	377.1	358.0	341.0	324.1	309.4	296.0	282.6	271.1	260.2
35°	470.6	440.8	411.8	387.2	364.4	344.4	325.8	310.1	295.2	281.2	269.0
32.5°	546.7	503.0	456.3	423.2	391.9	365.9	344.0	324.5	307.5	292.1	278.0
30°	666.0	588.9	522.7	466.6	426.2	390.9	362.5	339.6	319.7	302.5	286.9
27.5°	860.5	703.4	611.8	527.8	465.4	421.3	384.5	354.6	331.6	312.8	295.7
25°	1175.8	910.6	725.4	609.3	518.8	453.8	408.2	372.6	344.4	322.0	301.9
22.5°	1637.8	1223.8	905.1	702.8	584.3	498.2	436.2	390.3	355.8	329.9	308.1
20°	2366.3	1627.7	1166.8	854.1	661.2	540.7	465.9	411.1	369.9	338.5	313.6
17.5°	3238.9	2252.4	1463.2	1017.1	760.8	602.2	500.6	431.1	382.3	346.2	318.2
15°	4118.2	2905.8	1918.6	1253.4	869.5	655.9	530.4	448.3	394.4	354.6	324.0
12.5°	5089.2	3605.8	2322.7	1448.7	981.5	720.6	568.4	471.5	407.6	363.0	329.5
10°	5928.1	4259.6	2808.4	1761.7	1128.8	788.5	603.3	491.4	418.7	369.8	333.9
7.5°	6683.3	4818.2	3215.7	2005.9	1243.1	842.4	631.2	507.3	427.0	374.8	337.0
5°	7219.3	5245.1	3543.4	2190.5	1324.8	879.6	650.7	518.5	432.4	378.0	338.8
2.5°	7553.7	5502.0	3757.2	2300.1	1364.8	900.1	662.9	524.9	437.1	381.4	339.8
0°	7584.3	5483.9	3787.1	2353.4	1339.3	903.6	668.7	526.1	439.8	383.5	339.4
-2.5°	7553.7	5502.0	3757.2	2300.1	1364.8	900.1	662.9	524.9	437.1	381.4	339.8
-5°	7219.3	5245.1	3543.4	2190.5	1324.8	879.6	650.7	518.5	432.4	378.0	338.8
-7.5°	6683.3	4818.2	3215.7	2005.9	1243.1	842.4	631.2	507.3	427.0	374.8	337.0
-10°	5928.1	4259.6	2808.4	1761.7	1128.8	788.5	603.3	491.4	418.7	369.8	333.9
-12.5°	5089.2	3605.8	2322.7	1448.7	981.5	720.6	568.4	471.5	407.6	363.0	329.5
-15°	4118.2	2905.8	1918.6	1253.4	869.5	655.9	530.4	448.3	394.4	354.6	324.0
-17.5°	3238.9	2252.4	1463.2	1017.1	760.8	602.2	500.6	431.1	382.3	346.2	318.2
-20°	2366.3	1627.7	1166.8	854.1	661.2	540.7	465.9	411.1	369.9	338.5	313.6



Classified

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

Scaled Data Report



REPORT NUMBER: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1637.8	1223.8	905.1	702.8	584.3	498.2	436.2	390.3	355.8	329.9	308.1
-25°	1175.8	910.6	725.4	609.3	518.8	453.8	408.2	372.6	344.4	322.0	301.9
-27.5°	860.5	703.4	611.8	527.8	465.4	421.3	384.5	354.6	331.6	312.8	295.7
-30°	666.0	588.9	522.7	466.6	426.2	390.9	362.5	339.6	319.7	302.5	286.9
-32.5°	546.7	503.0	456.3	423.2	391.9	365.9	344.0	324.5	307.5	292.1	278.0
-35°	470.6	440.8	411.8	387.2	364.4	344.4	325.8	310.1	295.2	281.2	269.0
-37.5°	416.9	395.6	377.1	358.0	341.0	324.1	309.4	296.0	282.6	271.1	260.2
-40°	377.1	361.8	348.9	334.3	320.1	305.8	294.4	282.6	271.8	261.2	251.4
-42.5°	346.9	336.4	325.3	313.5	301.5	291.1	280.6	270.8	261.0	251.5	243.0
-45°	322.9	314.1	304.4	295.6	286.4	277.3	268.0	258.9	250.0	242.2	234.8
-47.5°	302.2	295.2	287.7	280.1	272.3	264.1	255.4	246.7	239.5	232.6	225.0
-50°	284.6	278.7	272.4	265.7	258.9	251.3	243.3	235.2	228.7	222.0	214.6
-52.5°	268.2	263.6	258.3	252.5	246.2	239.1	231.8	224.1	217.4	210.9	203.6
-55°	253.1	249.4	244.5	239.2	233.4	226.9	220.0	212.7	205.9	199.6	190.8
-57.5°	238.3	235.0	230.2	225.3	220.4	213.8	206.9	200.4	193.2	185.6	177.1
-60°	221.1	219.0	213.9	208.7	203.7	198.3	191.8	185.2	178.7	170.8	161.7
-62.5°	199.5	197.2	193.3	189.1	184.9	180.5	174.8	168.6	162.4	155.2	145.1
-65°	176.0	173.5	170.7	168.1	165.0	161.1	156.1	150.4	143.6	135.8	127.4
-67.5°	154.4	152.4	150.3	147.9	144.9	141.1	136.2	130.3	124.1	117.8	111.1
-70°	135.0	133.4	131.4	128.7	125.3	121.3	116.6	111.6	106.2	100.6	94.9
-72.5°	115.3	113.8	111.7	108.7	105.3	101.7	97.8	93.4	88.7	83.5	78.8
-75°	94.8	93.5	91.7	89.1	86.3	83.3	79.8	76.0	72.2	68.4	64.6
-77.5°	74.9	73.5	71.8	69.6	67.3	64.8	62.1	59.3	56.6	53.7	50.6
-80°	55.6	54.5	53.4	51.7	49.9	47.8	45.6	43.5	41.4	39.3	37.3
-82.5°	37.9	37.6	37.1	35.7	34.3	32.8	31.4	30.2	28.9	27.5	26.0
-85°	21.3	21.2	21.1	20.5	19.8	19.0	18.3	17.4	16.6	15.6	14.7
-87.5°	7.5	7.4	7.3	7.1	6.9	6.7	6.6	6.3	6.1	5.9	5.7
-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: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-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°	5.4	5.1	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.7	2.4
85°	13.6	12.6	11.5	10.4	9.2	8.0	7.4	6.8	6.1	5.5	4.8
82.5°	24.5	22.9	21.3	19.6	17.8	16.0	14.2	12.3	10.3	8.4	7.2
80°	35.3	33.2	31.0	28.7	26.5	24.0	21.5	19.0	16.1	13.4	10.9
77.5°	47.5	44.2	40.8	37.9	35.3	32.5	29.3	25.8	22.0	18.5	15.2
75°	60.8	56.8	52.7	48.7	44.8	40.9	37.3	33.2	28.4	23.5	19.4
72.5°	74.6	70.0	65.0	59.9	55.3	50.6	45.8	40.6	35.1	29.5	23.8
70°	89.1	83.5	77.9	72.1	66.2	60.3	54.7	48.4	41.6	35.3	28.9
67.5°	104.2	97.5	90.8	84.3	77.6	70.7	63.6	56.3	48.8	41.1	34.0
65°	119.7	111.8	103.6	96.3	88.8	81.1	73.2	64.3	55.8	47.3	38.9
62.5°	135.5	126.2	117.2	108.4	99.9	91.4	82.5	72.5	62.7	53.5	44.2
60°	151.4	140.7	130.6	120.7	111.0	101.5	91.5	80.5	69.8	59.5	49.4
57.5°	166.5	154.8	143.3	132.5	121.9	111.4	100.3	88.4	76.7	65.4	54.6
55°	181.3	169.3	155.8	143.5	132.3	121.1	108.7	96.2	83.4	71.2	59.6
52.5°	194.3	182.4	168.4	154.4	141.8	130.0	116.8	103.7	90.2	76.8	64.4
50°	206.1	194.1	180.0	165.2	150.8	137.8	124.5	110.7	96.7	82.3	69.1
47.5°	216.3	204.8	190.9	175.4	160.0	145.4	131.5	117.3	103.0	87.9	73.7
45°	225.5	215.0	201.3	185.4	168.6	153.0	138.1	123.5	108.6	93.3	78.0
42.5°	234.1	223.9	211.4	195.2	177.3	160.3	144.4	129.3	113.9	98.5	82.4
40°	241.9	231.7	220.8	204.3	185.5	167.1	150.6	134.7	118.8	103.2	86.6
37.5°	249.6	239.0	227.7	212.8	193.2	174.1	156.4	139.8	123.6	107.4	90.6
35°	257.5	246.2	233.8	219.5	200.5	180.6	161.7	144.6	128.0	111.3	94.2
32.5°	265.2	252.7	239.4	225.2	207.4	186.4	166.8	149.3	132.2	115.0	97.7
30°	272.6	257.9	244.4	230.9	213.4	192.2	171.9	153.6	136.1	118.4	100.7
27.5°	278.2	262.5	248.8	235.5	218.4	197.5	176.8	157.6	139.7	121.6	103.5
25°	283.3	266.9	252.5	239.1	223.3	202.9	181.4	161.2	142.9	124.5	106.0
22.5°	288.4	270.8	255.7	242.2	228.0	207.9	185.6	164.9	145.8	127.1	108.2
20°	292.8	273.9	258.2	245.0	231.2	211.7	189.6	168.2	148.4	129.4	110.2
17.5°	296.6	277.1	261.0	247.3	233.3	215.0	193.1	171.0	150.7	131.4	112.0
15°	300.5	280.3	263.3	249.1	235.2	217.7	196.1	173.4	152.6	133.1	113.6
12.5°	303.7	282.7	265.1	250.4	236.8	219.8	198.6	175.4	154.2	134.6	115.1
10°	306.3	284.3	266.4	251.2	238.0	221.3	200.5	177.3	156.0	136.1	116.3
7.5°	308.1	285.1	267.1	251.5	238.9	222.6	202.4	179.3	157.7	137.2	117.3
5°	309.3	285.5	267.6	252.2	239.4	223.9	203.8	180.9	159.0	138.0	117.9
2.5°	310.7	285.6	267.6	252.8	239.4	224.6	204.5	182.0	160.0	138.4	118.4
0°	311.2	285.1	267.1	253.0	239.0	224.9	204.8	182.7	160.6	138.6	118.5
-2.5°	310.7	285.6	267.6	252.8	239.4	224.6	204.5	182.0	160.0	138.4	118.4
-5°	309.3	285.5	267.6	252.2	239.4	223.9	203.8	180.9	159.0	138.0	117.9
-7.5°	308.1	285.1	267.1	251.5	238.9	222.6	202.4	179.3	157.7	137.2	117.3
-10°	306.3	284.3	266.4	251.2	238.0	221.3	200.5	177.3	156.0	136.1	116.3
-12.5°	303.7	282.7	265.1	250.4	236.8	219.8	198.6	175.4	154.2	134.6	115.1
-15°	300.5	280.3	263.3	249.1	235.2	217.7	196.1	173.4	152.6	133.1	113.6
-17.5°	296.6	277.1	261.0	247.3	233.3	215.0	193.1	171.0	150.7	131.4	112.0
-20°	292.8	273.9	258.2	245.0	231.2	211.7	189.6	168.2	148.4	129.4	110.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	288.4	270.8	255.7	242.2	228.0	207.9	185.6	164.9	145.8	127.1	108.2
-25°	283.3	266.9	252.5	239.1	223.3	202.9	181.4	161.2	142.9	124.5	106.0
-27.5°	278.2	262.5	248.8	235.5	218.4	197.5	176.8	157.6	139.7	121.6	103.5
-30°	272.6	257.9	244.4	230.9	213.4	192.2	171.9	153.6	136.1	118.4	100.7
-32.5°	265.2	252.7	239.4	225.2	207.4	186.4	166.8	149.3	132.2	115.0	97.7
-35°	257.5	246.2	233.8	219.5	200.5	180.6	161.7	144.6	128.0	111.3	94.2
-37.5°	249.6	239.0	227.7	212.8	193.2	174.1	156.4	139.8	123.6	107.4	90.6
-40°	241.9	231.7	220.8	204.3	185.5	167.1	150.6	134.7	118.8	103.2	86.6
-42.5°	234.1	223.9	211.4	195.2	177.3	160.3	144.4	129.3	113.9	98.5	82.4
-45°	225.5	215.0	201.3	185.4	168.6	153.0	138.1	123.5	108.6	93.3	78.0
-47.5°	216.3	204.8	190.9	175.4	160.0	145.4	131.5	117.3	103.0	87.9	73.7
-50°	206.1	194.1	180.0	165.2	150.8	137.8	124.5	110.7	96.7	82.3	69.1
-52.5°	194.3	182.4	168.4	154.4	141.8	130.0	116.8	103.7	90.2	76.8	64.4
-55°	181.3	169.3	155.8	143.5	132.3	121.1	108.7	96.2	83.4	71.2	59.6
-57.5°	166.5	154.8	143.3	132.5	121.9	111.4	100.3	88.4	76.7	65.4	54.6
-60°	151.4	140.7	130.6	120.7	111.0	101.5	91.5	80.5	69.8	59.5	49.4
-62.5°	135.5	126.2	117.2	108.4	99.9	91.4	82.5	72.5	62.7	53.5	44.2
-65°	119.7	111.8	103.6	96.3	88.8	81.1	73.2	64.3	55.8	47.3	38.9
-67.5°	104.2	97.5	90.8	84.3	77.6	70.7	63.6	56.3	48.8	41.1	34.0
-70°	89.1	83.5	77.9	72.1	66.2	60.3	54.7	48.4	41.6	35.3	28.9
-72.5°	74.6	70.0	65.0	59.9	55.3	50.6	45.8	40.6	35.1	29.5	23.8
-75°	60.8	56.8	52.7	48.7	44.8	40.9	37.3	33.2	28.4	23.5	19.4
-77.5°	47.5	44.2	40.8	37.9	35.3	32.5	29.3	25.8	22.0	18.5	15.2
-80°	35.3	33.2	31.0	28.7	26.5	24.0	21.5	19.0	16.1	13.4	10.9
-82.5°	24.5	22.9	21.3	19.6	17.8	16.0	14.2	12.3	10.3	8.4	7.2
-85°	13.6	12.6	11.5	10.4	9.2	8.0	7.4	6.8	6.1	5.5	4.8
-87.5°	5.4	5.1	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.7	2.4
-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: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-735-U-MR-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°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
85°	4.1	3.5	2.8	2.1	1.4	0.7	0.0
82.5°	6.2	5.2	4.2	3.1	2.1	1.0	0.0
80°	8.4	6.9	5.5	4.2	2.8	1.4	0.0
77.5°	12.0	9.0	6.9	5.2	3.5	1.7	0.0
75°	15.6	12.0	8.4	6.2	4.1	2.1	0.0
72.5°	19.1	14.9	10.8	7.2	4.8	2.4	0.0
70°	22.7	17.8	13.1	8.3	5.5	2.7	0.0
67.5°	27.1	20.7	15.4	10.0	6.1	3.1	0.0
65°	31.4	23.9	17.6	11.7	6.8	3.4	0.0
62.5°	35.6	27.4	19.8	13.4	7.4	3.7	0.0
60°	39.7	30.9	22.0	15.0	8.0	4.0	0.0
57.5°	44.1	34.3	24.7	16.6	9.0	4.3	0.0
55°	48.3	37.5	27.3	18.1	10.1	4.6	0.0
52.5°	52.3	40.7	29.8	19.6	11.1	4.9	0.0
50°	56.2	44.0	32.3	21.0	12.0	5.1	0.0
47.5°	60.0	47.1	34.7	22.5	12.9	5.4	0.0
45°	63.7	50.0	37.0	24.2	13.8	5.7	0.0
42.5°	67.3	52.8	39.2	25.9	14.7	5.9	0.0
40°	70.7	55.4	41.3	27.4	15.5	6.1	0.0
37.5°	73.9	57.9	43.3	28.9	16.3	6.3	0.0
35°	77.0	60.4	45.1	30.2	17.0	6.6	0.0
32.5°	79.8	62.7	46.9	31.5	17.7	6.7	0.0
30°	82.6	64.9	48.5	32.6	18.3	6.9	0.0
27.5°	85.0	67.0	49.9	33.6	18.9	7.1	0.0
25°	87.3	68.8	51.3	34.6	19.5	7.3	0.0
22.5°	89.3	70.5	52.5	35.4	19.9	7.4	0.0
20°	91.0	72.0	53.7	36.1	20.4	7.5	0.0
17.5°	92.7	73.2	54.7	36.7	20.8	7.6	0.0
15°	94.1	74.3	55.6	37.2	21.1	7.7	0.0
12.5°	95.4	75.1	56.4	37.7	21.4	7.8	0.0
10°	96.4	75.7	57.0	38.0	21.7	7.9	0.0
7.5°	97.3	76.1	57.5	38.2	21.9	7.9	0.0
5°	97.9	76.4	57.9	38.3	22.0	8.0	0.0
2.5°	98.3	76.4	58.1	38.3	22.1	8.0	0.0
0°	98.4	76.3	58.2	38.2	22.1	8.0	0.0
-2.5°	98.3	76.4	58.1	38.3	22.1	8.0	0.0
-5°	97.9	76.4	57.9	38.3	22.0	8.0	0.0
-7.5°	97.3	76.1	57.5	38.2	21.9	7.9	0.0
-10°	96.4	75.7	57.0	38.0	21.7	7.9	0.0
-12.5°	95.4	75.1	56.4	37.7	21.4	7.8	0.0
-15°	94.1	74.3	55.6	37.2	21.1	7.7	0.0
-17.5°	92.7	73.2	54.7	36.7	20.8	7.6	0.0
-20°	91.0	72.0	53.7	36.1	20.4	7.5	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	89.3	70.5	52.5	35.4	19.9	7.4	0.0
-25°	87.3	68.8	51.3	34.6	19.5	7.3	0.0
-27.5°	85.0	67.0	49.9	33.6	18.9	7.1	0.0
-30°	82.6	64.9	48.5	32.6	18.3	6.9	0.0
-32.5°	79.8	62.7	46.9	31.5	17.7	6.7	0.0
-35°	77.0	60.4	45.1	30.2	17.0	6.6	0.0
-37.5°	73.9	57.9	43.3	28.9	16.3	6.3	0.0
-40°	70.7	55.4	41.3	27.4	15.5	6.1	0.0
-42.5°	67.3	52.8	39.2	25.9	14.7	5.9	0.0
-45°	63.7	50.0	37.0	24.2	13.8	5.7	0.0
-47.5°	60.0	47.1	34.7	22.5	12.9	5.4	0.0
-50°	56.2	44.0	32.3	21.0	12.0	5.1	0.0
-52.5°	52.3	40.7	29.8	19.6	11.1	4.9	0.0
-55°	48.3	37.5	27.3	18.1	10.1	4.6	0.0
-57.5°	44.1	34.3	24.7	16.6	9.0	4.3	0.0
-60°	39.7	30.9	22.0	15.0	8.0	4.0	0.0
-62.5°	35.6	27.4	19.8	13.4	7.4	3.7	0.0
-65°	31.4	23.9	17.6	11.7	6.8	3.4	0.0
-67.5°	27.1	20.7	15.4	10.0	6.1	3.1	0.0
-70°	22.7	17.8	13.1	8.3	5.5	2.7	0.0
-72.5°	19.1	14.9	10.8	7.2	4.8	2.4	0.0
-75°	15.6	12.0	8.4	6.2	4.1	2.1	0.0
-77.5°	12.0	9.0	6.9	5.2	3.5	1.7	0.0
-80°	8.4	6.9	5.5	4.2	2.8	1.4	0.0
-82.5°	6.2	5.2	4.2	3.1	2.1	1.0	0.0
-85°	4.1	3.5	2.8	2.1	1.4	0.7	0.0
-87.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)