

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: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-735-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N21
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

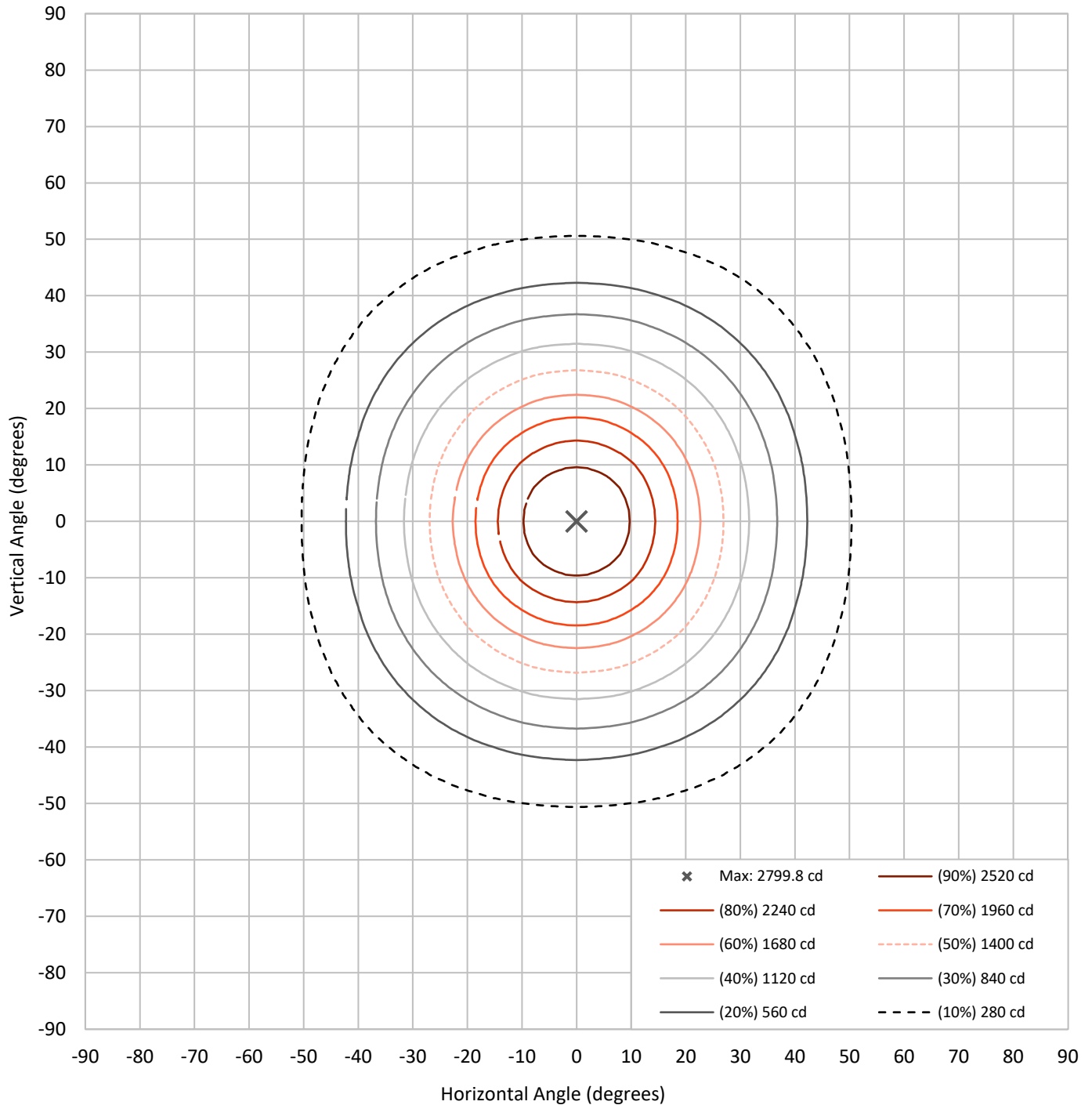
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	2849.5 lumens	Max Intensity:	2799.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	157.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	1362.5 lumens	Field Lumens:	2514.8 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	18.1		
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: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-735-U-WR-XX

Iso-Candela Plot





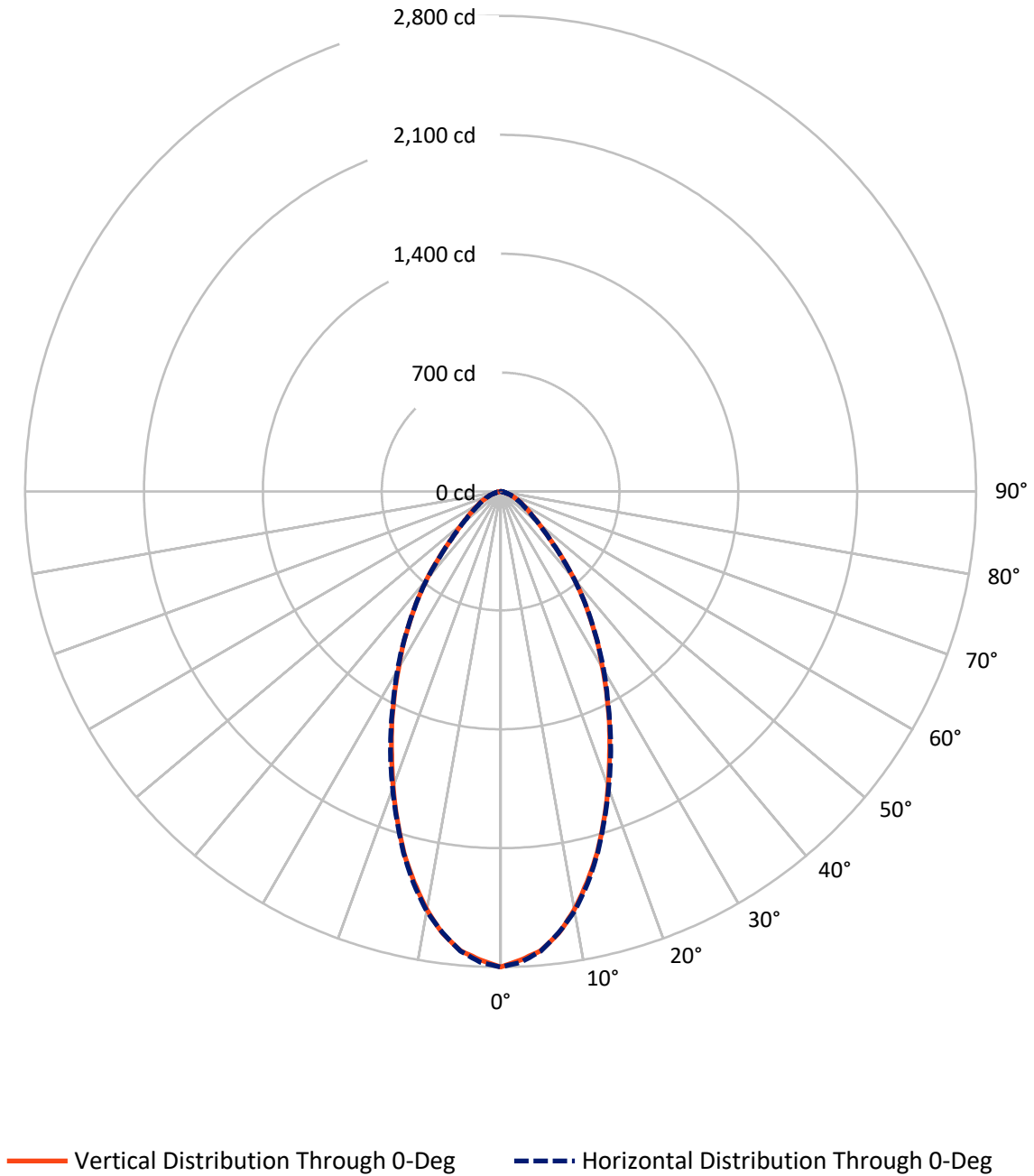
REPORT NUMBER: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-U-WR-XX

Lumen Table

90																			
80	0.1	0.8		1.8		3.0		2.6		3.0		1.8		0.8		0.1			
70																			
60	0.4	0.4	0.8	1.3	1.9	2.5	2.9	3.1	3.1	2.9	2.5	1.9	1.3	0.8	0.4	0.4			
50		0.6	1.2	2.1	3.3	4.5	5.6	6.3	6.3	5.6	4.5	3.3	2.1	1.2	0.6				
40	0.5	0.8	1.7	3.2	5.4	8.3	11.4	13.5	13.5	11.4	8.3	5.4	3.2	1.7	0.8	0.5			
30		1.0	2.2	4.6	9.0	16.0	23.3	27.6	27.6	23.3	16.0	9.0	4.6	2.2	1.0				
20	0.6	1.1	2.8	6.5	14.6	26.2	37.6	44.9	44.9	37.6	26.2	14.6	6.5	2.8	1.1	0.6			
10		1.2	3.3	8.4	19.9	35.4	52.3	64.4	64.4	52.3	35.4	19.9	8.4	3.3	1.2				
0	0.7	1.3	3.5	9.7	22.9	41.2	62.7	78.8	78.8	62.7	41.2	22.9	9.7	3.5	1.3	0.7			
-10		1.3	3.5	9.7	22.9	41.2	62.7	78.8	78.8	62.7	41.2	22.9	9.7	3.5	1.3				
-20	0.6	1.2	3.3	8.4	19.9	35.4	52.3	64.4	64.4	52.3	35.4	19.9	8.4	3.3	1.2	0.6			
-30		1.1	2.8	6.5	14.6	26.2	37.6	44.9	44.9	37.6	26.2	14.6	6.5	2.8	1.1				
-40	0.5	1.0	2.2	4.6	9.0	16.0	23.3	27.6	27.6	23.3	16.0	9.0	4.6	2.2	1.0	0.5			
-50		0.8	1.7	3.2	5.4	8.3	11.4	13.5	13.5	11.4	8.3	5.4	3.2	1.7	0.8				
-60	0.4	0.6	1.2	2.1	3.3	4.5	5.6	6.3	6.3	5.6	4.5	3.3	2.1	1.2	0.6	0.4			
-70		0.4	0.8	1.3	1.9	2.5	2.9	3.1	3.1	2.9	2.5	1.9	1.3	0.8	0.4				
-80	0.1	0.8		1.8		3.0		2.6		3.0		1.8		0.8		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

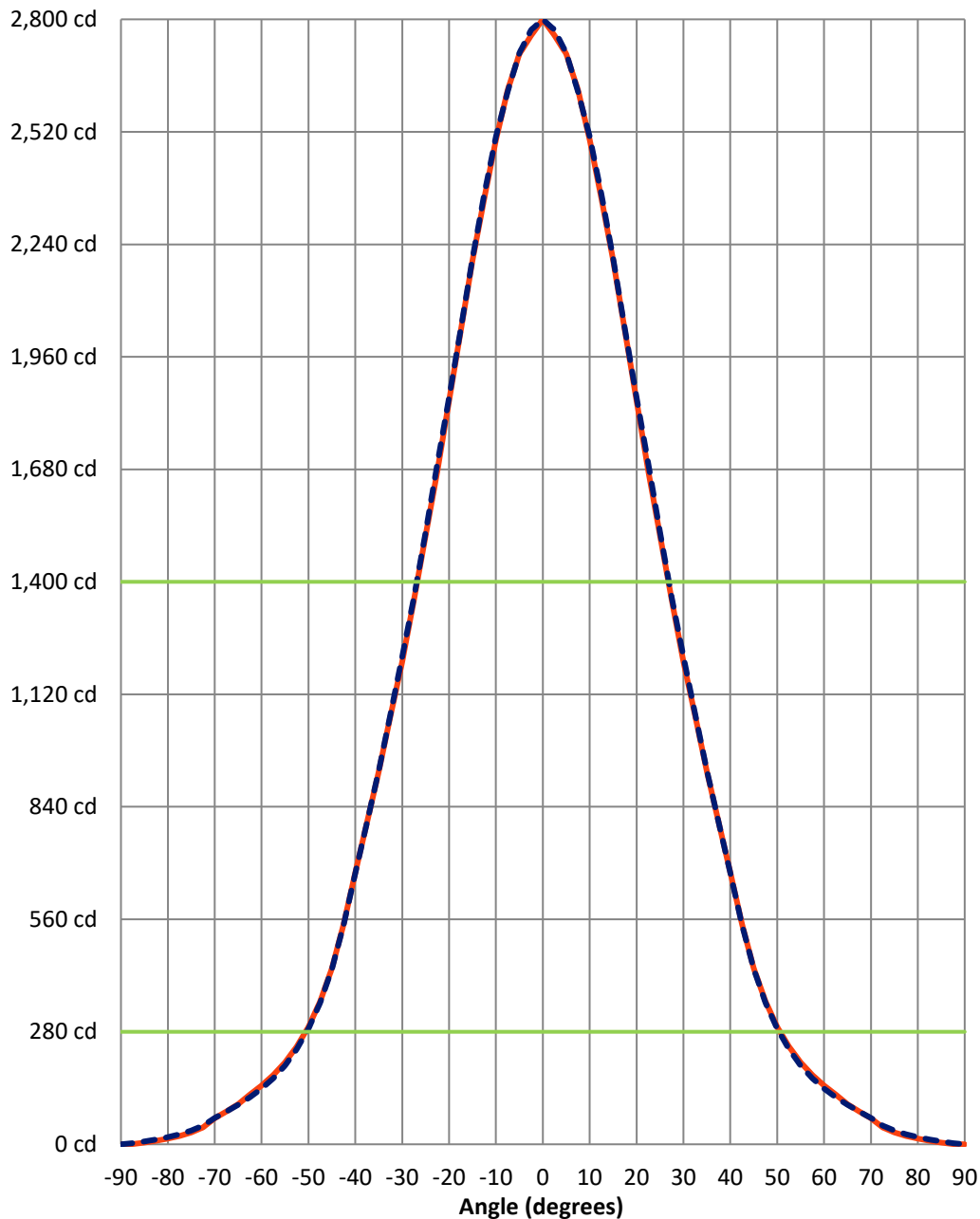
REPORT NUMBER: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-735-U-WR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-735-U-WR-XX

Luminous Intensity Plot



Beam:
H Angle: 53.8°
V Angle: 53.6°
Lumens: 1362.5
Efficiency: 47.8%

Field:
H Angle: 100.8°
V Angle: 101.2°
Lumens: 2514.8
Efficiency: 88.3%

Spill:
Lumens: 334.7
Efficiency: 11.7%

- 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: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-WR-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	0.3	0.5	0.8	1.0	1.3	1.5	1.6	1.7	1.8
85°	0.0	0.3	0.7	1.1	1.5	2.1	2.6	2.9	3.2	3.4	3.6
82.5°	0.0	0.4	1.0	1.6	2.3	3.1	3.9	4.4	4.9	5.7	6.4
80°	0.0	0.6	1.3	2.1	3.1	4.1	5.4	6.7	7.8	8.9	9.8
77.5°	0.0	0.7	1.6	2.7	3.8	5.3	7.7	9.4	10.8	12.1	13.4
75°	0.0	0.8	1.9	3.2	4.6	7.0	9.9	12.0	13.8	15.5	17.4
72.5°	0.0	1.0	2.3	3.7	5.7	8.6	12.1	14.7	16.8	19.0	21.3
70°	0.0	1.1	2.6	4.2	6.8	10.1	14.1	17.2	19.7	22.4	25.5
67.5°	0.0	1.2	2.8	4.8	7.8	11.5	15.9	19.6	22.6	25.9	29.6
65°	0.0	1.4	3.1	5.5	8.7	12.9	17.7	22.0	25.4	29.2	33.5
62.5°	0.0	1.5	3.4	6.0	9.7	14.1	19.3	24.3	28.1	32.5	37.1
60°	0.0	1.6	3.7	6.6	10.5	15.3	20.8	26.4	30.7	35.6	40.7
57.5°	0.0	1.7	4.0	7.1	11.3	16.4	22.2	28.4	33.3	38.6	43.9
55°	0.0	1.8	4.3	7.6	12.0	17.4	23.4	29.9	35.9	41.5	47.0
52.5°	0.0	1.9	4.6	8.0	12.7	18.3	24.5	31.6	38.3	44.3	50.1
50°	0.0	2.0	4.8	8.4	13.4	19.2	25.6	33.1	40.7	47.0	53.4
47.5°	0.0	2.1	5.1	8.8	13.9	19.9	26.5	34.6	43.1	49.7	56.7
45°	0.0	2.2	5.3	9.1	14.4	20.6	27.6	35.8	44.8	52.5	59.9
42.5°	0.0	2.3	5.6	9.4	14.8	21.1	28.6	37.1	46.3	55.2	63.2
40°	0.0	2.4	5.8	9.8	15.2	21.6	29.4	38.3	47.8	57.8	66.3
37.5°	0.0	2.5	6.0	10.2	15.5	22.0	30.2	39.4	49.5	59.8	69.3
35°	0.0	2.5	6.2	10.5	15.8	22.5	30.8	40.4	51.1	62.0	72.4
32.5°	0.0	2.6	6.4	10.8	16.0	22.9	31.3	41.3	52.6	64.2	75.6
30°	0.0	2.6	6.5	11.0	16.2	23.2	31.9	42.1	54.0	66.5	78.5
27.5°	0.0	2.7	6.7	11.3	16.5	23.4	32.4	43.1	55.5	68.8	81.3
25°	0.0	2.7	6.8	11.5	16.8	23.6	32.8	44.1	57.2	71.0	83.9
22.5°	0.0	2.8	6.9	11.7	17.1	23.8	33.1	44.9	58.8	73.0	86.8
20°	0.0	2.8	7.0	11.8	17.4	24.2	33.2	45.6	60.3	74.9	89.3
17.5°	0.0	2.8	7.1	11.9	17.6	24.5	33.6	46.2	61.7	76.5	91.5
15°	0.0	2.8	7.1	12.0	17.7	24.8	34.1	46.7	63.0	77.9	93.4
12.5°	0.0	2.8	7.2	12.1	17.9	25.0	34.4	47.2	64.0	79.1	95.0
10°	0.0	2.8	7.2	12.1	17.9	25.1	34.6	47.4	64.8	80.0	96.3
7.5°	0.0	2.8	7.2	12.1	18.0	25.2	34.7	47.5	65.4	80.8	97.3
5°	0.0	2.8	7.2	12.1	18.0	25.2	34.6	47.3	65.7	81.3	98.0
2.5°	0.0	2.8	7.1	12.0	17.9	25.1	34.5	47.0	65.8	81.5	98.3
0°	0.0	2.8	7.1	11.9	17.8	24.9	34.2	46.5	65.5	81.5	98.3
-2.5°	0.0	2.8	7.1	12.0	17.9	25.1	34.5	47.0	65.8	81.5	98.3
-5°	0.0	2.8	7.2	12.1	18.0	25.2	34.6	47.3	65.7	81.3	98.0
-7.5°	0.0	2.8	7.2	12.1	18.0	25.2	34.7	47.5	65.4	80.8	97.3
-10°	0.0	2.8	7.2	12.1	17.9	25.1	34.6	47.4	64.8	80.0	96.3
-12.5°	0.0	2.8	7.2	12.1	17.9	25.0	34.4	47.2	64.0	79.1	95.0
-15°	0.0	2.8	7.1	12.0	17.7	24.8	34.1	46.7	63.0	77.9	93.4
-17.5°	0.0	2.8	7.1	11.9	17.6	24.5	33.6	46.2	61.7	76.5	91.5
-20°	0.0	2.8	7.0	11.8	17.4	24.2	33.2	45.6	60.3	74.9	89.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.8	6.9	11.7	17.1	23.8	33.1	44.9	58.8	73.0	86.8
-25°	0.0	2.7	6.8	11.5	16.8	23.6	32.8	44.1	57.2	71.0	83.9
-27.5°	0.0	2.7	6.7	11.3	16.5	23.4	32.4	43.1	55.5	68.8	81.3
-30°	0.0	2.6	6.5	11.0	16.2	23.2	31.9	42.1	54.0	66.5	78.5
-32.5°	0.0	2.6	6.4	10.8	16.0	22.9	31.3	41.3	52.6	64.2	75.6
-35°	0.0	2.5	6.2	10.5	15.8	22.5	30.8	40.4	51.1	62.0	72.4
-37.5°	0.0	2.5	6.0	10.2	15.5	22.0	30.2	39.4	49.5	59.8	69.3
-40°	0.0	2.4	5.8	9.8	15.2	21.6	29.4	38.3	47.8	57.8	66.3
-42.5°	0.0	2.3	5.6	9.4	14.8	21.1	28.6	37.1	46.3	55.2	63.2
-45°	0.0	2.2	5.3	9.1	14.4	20.6	27.6	35.8	44.8	52.5	59.9
-47.5°	0.0	2.1	5.1	8.8	13.9	19.9	26.5	34.6	43.1	49.7	56.7
-50°	0.0	2.0	4.8	8.4	13.4	19.2	25.6	33.1	40.7	47.0	53.4
-52.5°	0.0	1.9	4.6	8.0	12.7	18.3	24.5	31.6	38.3	44.3	50.1
-55°	0.0	1.8	4.3	7.6	12.0	17.4	23.4	29.9	35.9	41.5	47.0
-57.5°	0.0	1.7	4.0	7.1	11.3	16.4	22.2	28.4	33.3	38.6	43.9
-60°	0.0	1.6	3.7	6.6	10.5	15.3	20.8	26.4	30.7	35.6	40.7
-62.5°	0.0	1.5	3.4	6.0	9.7	14.1	19.3	24.3	28.1	32.5	37.1
-65°	0.0	1.4	3.1	5.5	8.7	12.9	17.7	22.0	25.4	29.2	33.5
-67.5°	0.0	1.2	2.8	4.8	7.8	11.5	15.9	19.6	22.6	25.9	29.6
-70°	0.0	1.1	2.6	4.2	6.8	10.1	14.1	17.2	19.7	22.4	25.5
-72.5°	0.0	1.0	2.3	3.7	5.7	8.6	12.1	14.7	16.8	19.0	21.3
-75°	0.0	0.8	1.9	3.2	4.6	7.0	9.9	12.0	13.8	15.5	17.4
-77.5°	0.0	0.7	1.6	2.7	3.8	5.3	7.7	9.4	10.8	12.1	13.4
-80°	0.0	0.6	1.3	2.1	3.1	4.1	5.4	6.7	7.8	8.9	9.8
-82.5°	0.0	0.4	1.0	1.6	2.3	3.1	3.9	4.4	4.9	5.7	6.4
-85°	0.0	0.3	0.7	1.1	1.5	2.1	2.6	2.9	3.2	3.4	3.6
-87.5°	0.0	0.1	0.3	0.5	0.8	1.0	1.3	1.5	1.6	1.7	1.8
-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: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-U-WR-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°	1.8	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.4	1.4
85°	3.6	3.6	3.9	4.2	4.3	4.3	4.2	4.0	4.5	5.1	5.8
82.5°	7.0	7.6	8.2	8.7	8.7	8.6	8.3	8.0	9.1	10.4	11.7
80°	10.7	11.6	12.6	13.6	13.8	13.7	13.4	12.9	14.3	16.3	18.4
77.5°	14.8	16.3	17.6	18.8	19.1	19.1	18.9	18.5	20.3	23.0	25.8
75°	19.2	20.9	22.6	24.1	24.7	24.8	24.7	25.1	27.5	30.7	33.5
72.5°	23.8	25.9	27.8	29.5	30.5	31.3	32.3	33.6	35.9	39.1	41.9
70°	28.5	31.0	33.0	34.8	36.4	38.1	40.3	42.5	44.9	48.1	51.0
67.5°	33.3	35.7	38.0	40.3	43.2	45.9	48.6	51.4	54.5	57.8	60.8
65°	37.7	40.5	43.2	46.5	50.3	53.3	56.7	60.3	64.5	68.2	71.6
62.5°	41.9	45.0	48.5	52.4	56.5	60.3	64.8	69.6	74.4	79.0	83.6
60°	45.5	49.4	53.6	58.0	62.6	67.9	73.2	78.9	84.6	90.2	95.9
57.5°	48.9	53.7	58.5	63.7	69.5	75.6	81.9	88.3	95.1	101.9	108.4
55°	52.5	58.1	63.6	69.7	76.4	83.5	90.7	98.4	106.0	114.5	122.4
52.5°	56.3	62.4	68.9	75.9	83.7	91.7	100.1	108.9	118.4	127.9	137.4
50°	60.0	66.9	74.1	82.5	91.2	100.4	110.1	120.4	131.3	142.3	153.9
47.5°	63.9	71.3	80.1	89.2	99.1	109.5	120.5	132.7	144.9	158.7	172.1
45°	67.7	76.2	85.8	96.3	107.2	119.0	132.0	145.4	161.0	176.7	194.2
42.5°	71.4	81.2	92.0	103.3	115.7	129.2	143.6	160.5	178.1	197.4	218.0
40°	75.6	86.0	98.1	110.7	124.2	139.6	157.0	175.8	197.2	220.1	243.5
37.5°	79.7	91.4	104.1	117.8	133.4	150.8	170.0	193.0	217.7	243.8	275.5
35°	83.5	96.5	110.3	125.3	142.3	162.4	185.4	210.8	239.3	272.8	309.9
32.5°	87.6	101.3	116.2	133.1	152.2	174.2	200.2	230.2	263.9	302.1	348.5
30°	91.7	106.3	122.0	140.3	161.6	187.0	216.6	249.7	288.4	336.4	390.9
27.5°	95.5	111.0	128.2	147.9	170.6	198.8	232.4	271.1	316.7	370.9	434.6
25°	99.0	115.2	133.8	155.2	180.7	211.6	248.0	290.9	345.1	409.7	488.1
22.5°	102.3	119.0	138.9	161.7	189.7	223.9	264.9	314.0	373.9	446.4	540.4
20°	105.4	123.2	144.0	168.0	197.8	235.0	280.4	335.6	403.8	489.6	591.8
17.5°	108.2	126.9	148.8	174.7	206.8	246.4	295.1	354.6	430.4	528.2	639.1
15°	110.5	130.1	153.0	180.6	214.9	257.7	310.5	375.5	458.1	563.3	680.7
12.5°	112.5	132.8	156.4	185.5	221.8	267.2	323.7	394.2	485.1	596.3	717.2
10°	114.0	134.9	159.2	189.5	227.3	274.9	334.5	409.4	507.6	624.6	748.1
7.5°	115.3	136.6	161.4	192.5	231.4	280.8	342.9	421.1	525.1	647.0	771.8
5°	116.3	137.8	163.0	194.6	234.5	284.9	348.8	429.3	537.6	663.2	788.0
2.5°	116.8	138.4	164.0	195.8	236.4	287.3	351.9	434.5	544.5	672.5	797.8
0°	116.9	138.5	164.2	195.9	236.9	287.7	352.4	436.1	545.9	675.0	801.4
-2.5°	116.8	138.4	164.0	195.8	236.4	287.3	351.9	434.5	544.5	672.5	797.8
-5°	116.3	137.8	163.0	194.6	234.5	284.9	348.8	429.3	537.6	663.2	788.0
-7.5°	115.3	136.6	161.4	192.5	231.4	280.8	342.9	421.1	525.1	647.0	771.8
-10°	114.0	134.9	159.2	189.5	227.3	274.9	334.5	409.4	507.6	624.6	748.1
-12.5°	112.5	132.8	156.4	185.5	221.8	267.2	323.7	394.2	485.1	596.3	717.2
-15°	110.5	130.1	153.0	180.6	214.9	257.7	310.5	375.5	458.1	563.3	680.7
-17.5°	108.2	126.9	148.8	174.7	206.8	246.4	295.1	354.6	430.4	528.2	639.1
-20°	105.4	123.2	144.0	168.0	197.8	235.0	280.4	335.6	403.8	489.6	591.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	102.3	119.0	138.9	161.7	189.7	223.9	264.9	314.0	373.9	446.4	540.4
-25°	99.0	115.2	133.8	155.2	180.7	211.6	248.0	290.9	345.1	409.7	488.1
-27.5°	95.5	111.0	128.2	147.9	170.6	198.8	232.4	271.1	316.7	370.9	434.6
-30°	91.7	106.3	122.0	140.3	161.6	187.0	216.6	249.7	288.4	336.4	390.9
-32.5°	87.6	101.3	116.2	133.1	152.2	174.2	200.2	230.2	263.9	302.1	348.5
-35°	83.5	96.5	110.3	125.3	142.3	162.4	185.4	210.8	239.3	272.8	309.9
-37.5°	79.7	91.4	104.1	117.8	133.4	150.8	170.0	193.0	217.7	243.8	275.5
-40°	75.6	86.0	98.1	110.7	124.2	139.6	157.0	175.8	197.2	220.1	243.5
-42.5°	71.4	81.2	92.0	103.3	115.7	129.2	143.6	160.5	178.1	197.4	218.0
-45°	67.7	76.2	85.8	96.3	107.2	119.0	132.0	145.4	161.0	176.7	194.2
-47.5°	63.9	71.3	80.1	89.2	99.1	109.5	120.5	132.7	144.9	158.7	172.1
-50°	60.0	66.9	74.1	82.5	91.2	100.4	110.1	120.4	131.3	142.3	153.9
-52.5°	56.3	62.4	68.9	75.9	83.7	91.7	100.1	108.9	118.4	127.9	137.4
-55°	52.5	58.1	63.6	69.7	76.4	83.5	90.7	98.4	106.0	114.5	122.4
-57.5°	48.9	53.7	58.5	63.7	69.5	75.6	81.9	88.3	95.1	101.9	108.4
-60°	45.5	49.4	53.6	58.0	62.6	67.9	73.2	78.9	84.6	90.2	95.9
-62.5°	41.9	45.0	48.5	52.4	56.5	60.3	64.8	69.6	74.4	79.0	83.6
-65°	37.7	40.5	43.2	46.5	50.3	53.3	56.7	60.3	64.5	68.2	71.6
-67.5°	33.3	35.7	38.0	40.3	43.2	45.9	48.6	51.4	54.5	57.8	60.8
-70°	28.5	31.0	33.0	34.8	36.4	38.1	40.3	42.5	44.9	48.1	51.0
-72.5°	23.8	25.9	27.8	29.5	30.5	31.3	32.3	33.6	35.9	39.1	41.9
-75°	19.2	20.9	22.6	24.1	24.7	24.8	24.7	25.1	27.5	30.7	33.5
-77.5°	14.8	16.3	17.6	18.8	19.1	19.1	18.9	18.5	20.3	23.0	25.8
-80°	10.7	11.6	12.6	13.6	13.8	13.7	13.4	12.9	14.3	16.3	18.4
-82.5°	7.0	7.6	8.2	8.7	8.7	8.6	8.3	8.0	9.1	10.4	11.7
-85°	3.6	3.6	3.9	4.2	4.3	4.3	4.2	4.0	4.5	5.1	5.8
-87.5°	1.8	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.4	1.4
-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: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-U-WR-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°	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.0
85°	6.4	6.6	6.7	6.7	6.7	6.9	7.1	7.3	7.4	6.8	6.0
82.5°	13.1	13.7	14.2	14.8	15.3	15.7	15.9	16.1	16.3	14.7	13.0
80°	20.6	21.9	23.0	24.0	25.0	25.2	25.2	25.0	24.8	22.7	20.3
77.5°	28.7	30.3	31.7	33.0	34.3	34.8	35.0	35.2	35.3	32.7	29.5
75°	35.9	38.0	39.8	41.6	43.2	44.1	44.6	45.0	45.3	42.7	39.2
72.5°	44.3	46.4	48.4	50.4	52.1	53.2	54.0	54.6	55.0	53.5	51.4
70°	53.4	55.7	57.8	59.8	61.7	63.2	64.4	65.5	66.3	66.5	66.4
67.5°	63.6	66.2	68.7	70.9	73.2	75.4	77.3	78.8	80.1	80.9	81.4
65°	75.0	78.9	82.4	85.3	87.8	90.7	93.2	95.1	96.5	97.5	98.4
62.5°	88.4	93.2	97.2	101.1	105.2	109.1	111.6	114.1	116.5	118.8	120.8
60°	101.4	106.6	112.0	117.0	121.6	125.9	130.4	134.3	137.7	140.6	142.7
57.5°	115.2	121.6	127.7	134.0	140.0	145.6	151.1	156.1	160.5	164.2	167.2
55°	130.2	137.9	145.2	153.3	161.1	168.3	174.9	181.6	187.7	193.1	197.4
52.5°	146.2	156.3	166.0	175.5	185.7	194.9	203.1	212.5	220.8	227.7	233.0
50°	165.5	177.3	190.1	201.9	214.8	227.4	239.1	250.4	261.4	271.0	278.7
47.5°	187.5	202.0	217.8	233.5	249.4	266.7	282.1	296.4	311.9	325.3	336.1
45°	211.9	230.4	249.5	271.5	291.7	313.9	334.5	353.0	374.9	394.2	409.7
42.5°	238.9	263.7	288.7	316.4	343.3	371.5	401.5	428.0	457.1	484.8	507.2
40°	272.4	302.0	335.6	369.1	407.7	443.9	487.6	527.2	563.3	596.3	623.4
37.5°	309.7	347.7	390.0	433.6	486.4	538.2	589.2	637.4	680.0	716.2	746.5
35°	352.0	400.3	451.5	515.2	577.1	639.0	696.7	749.4	795.8	836.6	871.2
32.5°	400.6	458.7	530.3	601.9	672.4	740.6	803.9	861.4	912.3	958.1	997.9
30°	451.8	531.0	611.4	689.9	766.9	841.6	911.1	974.5	1031.9	1082.8	1128.8
27.5°	516.8	604.6	692.2	776.8	861.6	943.4	1018.7	1089.1	1154.9	1212.6	1265.1
25°	579.7	676.7	769.8	862.1	954.4	1042.2	1126.4	1205.9	1281.3	1347.4	1406.1
22.5°	642.6	744.1	843.6	942.8	1041.9	1139.8	1234.4	1325.4	1409.8	1485.1	1551.1
20°	700.8	806.9	913.3	1020.3	1127.7	1234.8	1341.1	1443.5	1537.5	1624.5	1700.8
17.5°	753.0	865.9	978.7	1093.1	1209.5	1325.8	1443.9	1558.7	1666.1	1765.1	1853.7
15°	799.2	917.0	1038.1	1161.6	1286.7	1412.9	1541.8	1670.3	1791.2	1903.5	2002.5
12.5°	839.6	962.0	1089.0	1220.3	1356.0	1493.6	1634.1	1775.0	1908.8	2038.5	2145.4
10°	872.9	1000.4	1133.1	1271.0	1414.1	1562.2	1713.0	1864.6	2012.1	2149.7	2272.0
7.5°	898.7	1030.9	1167.7	1311.1	1461.2	1617.4	1777.1	1938.0	2095.5	2243.7	2378.9
5°	916.9	1053.2	1191.6	1340.8	1496.1	1658.0	1824.0	1991.7	2156.2	2312.2	2452.3
2.5°	927.4	1066.5	1205.6	1358.9	1516.9	1682.6	1853.1	2023.5	2192.4	2354.1	2498.1
0°	930.2	1070.5	1213.6	1360.8	1523.5	1694.0	1858.5	2029.4	2204.9	2364.4	2507.9
-2.5°	927.4	1066.5	1205.6	1358.9	1516.9	1682.6	1853.1	2023.5	2192.4	2354.1	2498.1
-5°	916.9	1053.2	1191.6	1340.8	1496.1	1658.0	1824.0	1991.7	2156.2	2312.2	2452.3
-7.5°	898.7	1030.9	1167.7	1311.1	1461.2	1617.4	1777.1	1938.0	2095.5	2243.7	2378.9
-10°	872.9	1000.4	1133.1	1271.0	1414.1	1562.2	1713.0	1864.6	2012.1	2149.7	2272.0
-12.5°	839.6	962.0	1089.0	1220.3	1356.0	1493.6	1634.1	1775.0	1908.8	2038.5	2145.4
-15°	799.2	917.0	1038.1	1161.6	1286.7	1412.9	1541.8	1670.3	1791.2	1903.5	2002.5
-17.5°	753.0	865.9	978.7	1093.1	1209.5	1325.8	1443.9	1558.7	1666.1	1765.1	1853.7
-20°	700.8	806.9	913.3	1020.3	1127.7	1234.8	1341.1	1443.5	1537.5	1624.5	1700.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	642.6	744.1	843.6	942.8	1041.9	1139.8	1234.4	1325.4	1409.8	1485.1	1551.1
-25°	579.7	676.7	769.8	862.1	954.4	1042.2	1126.4	1205.9	1281.3	1347.4	1406.1
-27.5°	516.8	604.6	692.2	776.8	861.6	943.4	1018.7	1089.1	1154.9	1212.6	1265.1
-30°	451.8	531.0	611.4	689.9	766.9	841.6	911.1	974.5	1031.9	1082.8	1128.8
-32.5°	400.6	458.7	530.3	601.9	672.4	740.6	803.9	861.4	912.3	958.1	997.9
-35°	352.0	400.3	451.5	515.2	577.1	639.0	696.7	749.4	795.8	836.6	871.2
-37.5°	309.7	347.7	390.0	433.6	486.4	538.2	589.2	637.4	680.0	716.2	746.5
-40°	272.4	302.0	335.6	369.1	407.7	443.9	487.6	527.2	563.3	596.3	623.4
-42.5°	238.9	263.7	288.7	316.4	343.3	371.5	401.5	428.0	457.1	484.8	507.2
-45°	211.9	230.4	249.5	271.5	291.7	313.9	334.5	353.0	374.9	394.2	409.7
-47.5°	187.5	202.0	217.8	233.5	249.4	266.7	282.1	296.4	311.9	325.3	336.1
-50°	165.5	177.3	190.1	201.9	214.8	227.4	239.1	250.4	261.4	271.0	278.7
-52.5°	146.2	156.3	166.0	175.5	185.7	194.9	203.1	212.5	220.8	227.7	233.0
-55°	130.2	137.9	145.2	153.3	161.1	168.3	174.9	181.6	187.7	193.1	197.4
-57.5°	115.2	121.6	127.7	134.0	140.0	145.6	151.1	156.1	160.5	164.2	167.2
-60°	101.4	106.6	112.0	117.0	121.6	125.9	130.4	134.3	137.7	140.6	142.7
-62.5°	88.4	93.2	97.2	101.1	105.2	109.1	111.6	114.1	116.5	118.8	120.8
-65°	75.0	78.9	82.4	85.3	87.8	90.7	93.2	95.1	96.5	97.5	98.4
-67.5°	63.6	66.2	68.7	70.9	73.2	75.4	77.3	78.8	80.1	80.9	81.4
-70°	53.4	55.7	57.8	59.8	61.7	63.2	64.4	65.5	66.3	66.5	66.4
-72.5°	44.3	46.4	48.4	50.4	52.1	53.2	54.0	54.6	55.0	53.5	51.4
-75°	35.9	38.0	39.8	41.6	43.2	44.1	44.6	45.0	45.3	42.7	39.2
-77.5°	28.7	30.3	31.7	33.0	34.3	34.8	35.0	35.2	35.3	32.7	29.5
-80°	20.6	21.9	23.0	24.0	25.0	25.2	25.2	25.0	24.8	22.7	20.3
-82.5°	13.1	13.7	14.2	14.8	15.3	15.7	15.9	16.1	16.3	14.7	13.0
-85°	6.4	6.6	6.7	6.7	6.7	6.9	7.1	7.3	7.4	6.8	6.0
-87.5°	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.0
-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: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-U-WR-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°	0.9	0.8	0.7	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.2
85°	5.2	4.4	4.3	4.2	4.3	4.4	5.2	6.0	6.8	7.4	7.3
82.5°	11.2	9.3	9.0	8.7	9.0	9.3	11.2	13.0	14.7	16.3	16.1
80°	17.8	15.2	14.7	14.2	14.7	15.2	17.8	20.3	22.7	24.8	25.0
77.5°	26.1	22.6	21.6	20.6	21.6	22.6	26.1	29.5	32.7	35.3	35.2
75°	35.7	32.0	30.7	29.5	30.7	32.0	35.7	39.2	42.7	45.3	45.0
72.5°	49.2	46.9	44.6	42.1	44.6	46.9	49.2	51.4	53.5	55.0	54.6
70°	66.3	66.2	65.6	64.7	65.6	66.2	66.3	66.4	66.5	66.3	65.5
67.5°	81.5	81.5	81.7	81.7	81.7	81.5	81.5	81.4	80.9	80.1	78.8
65°	98.9	99.1	99.5	99.7	99.5	99.1	98.9	98.4	97.5	96.5	95.1
62.5°	122.3	123.3	123.8	123.7	123.8	123.3	122.3	120.8	118.8	116.5	114.1
60°	144.3	145.4	146.0	146.2	146.0	145.4	144.3	142.7	140.6	137.7	134.3
57.5°	169.5	171.3	172.2	172.4	172.2	171.3	169.5	167.2	164.2	160.5	156.1
55°	200.6	202.9	203.9	203.8	203.9	202.9	200.6	197.4	193.1	187.7	181.6
52.5°	237.1	239.8	241.9	243.2	241.9	239.8	237.1	233.0	227.7	220.8	212.5
50°	284.5	288.5	291.1	292.1	291.1	288.5	284.5	278.7	271.0	261.4	250.4
47.5°	343.9	349.2	353.1	355.8	353.1	349.2	343.9	336.1	325.3	311.9	296.4
45°	421.2	429.2	434.7	437.9	434.7	429.2	421.2	409.7	394.2	374.9	353.0
42.5°	524.7	537.1	544.8	547.7	544.8	537.1	524.7	507.2	484.8	457.1	428.0
40°	644.7	659.7	669.5	676.3	669.5	659.7	644.7	623.4	596.3	563.3	527.2
37.5°	769.8	785.5	795.1	801.6	795.1	785.5	769.8	746.5	716.2	680.0	637.4
35°	897.4	913.9	922.8	927.8	922.8	913.9	897.4	871.2	836.6	795.8	749.4
32.5°	1028.3	1046.5	1056.2	1066.4	1056.2	1046.5	1028.3	997.9	958.1	912.3	861.4
30°	1165.1	1186.0	1196.2	1201.1	1196.2	1186.0	1165.1	1128.8	1082.8	1031.9	974.5
27.5°	1307.5	1333.5	1346.2	1354.7	1346.2	1333.5	1307.5	1265.1	1212.6	1154.9	1089.1
25°	1455.6	1487.8	1502.4	1515.5	1502.4	1487.8	1455.6	1406.1	1347.4	1281.3	1205.9
22.5°	1609.2	1649.3	1666.3	1675.6	1666.3	1649.3	1609.2	1551.1	1485.1	1409.8	1325.4
20°	1766.9	1814.8	1838.4	1850.5	1838.4	1814.8	1766.9	1700.8	1624.5	1537.5	1443.5
17.5°	1928.2	1987.7	2018.3	2025.3	2018.3	1987.7	1928.2	1853.7	1765.1	1666.1	1558.7
15°	2086.5	2150.9	2187.0	2200.2	2187.0	2150.9	2086.5	2002.5	1903.5	1791.2	1670.3
12.5°	2236.4	2303.2	2346.2	2353.9	2346.2	2303.2	2236.4	2145.4	2038.5	1908.8	1775.0
10°	2372.3	2441.5	2489.1	2500.0	2489.1	2441.5	2372.3	2272.0	2149.7	2012.1	1864.6
7.5°	2486.0	2561.9	2614.5	2623.7	2614.5	2561.9	2486.0	2378.9	2243.7	2095.5	1938.0
5°	2569.1	2659.3	2702.5	2713.3	2702.5	2659.3	2569.1	2452.3	2312.2	2156.2	1991.7
2.5°	2614.8	2706.5	2766.6	2759.6	2766.6	2706.5	2614.8	2498.1	2354.1	2192.4	2023.5
0°	2619.9	2715.9	2773.3	2799.8	2773.3	2715.9	2619.9	2507.9	2364.4	2204.9	2029.4
-2.5°	2614.8	2706.5	2766.6	2759.6	2766.6	2706.5	2614.8	2498.1	2354.1	2192.4	2023.5
-5°	2569.1	2659.3	2702.5	2713.3	2702.5	2659.3	2569.1	2452.3	2312.2	2156.2	1991.7
-7.5°	2486.0	2561.9	2614.5	2623.7	2614.5	2561.9	2486.0	2378.9	2243.7	2095.5	1938.0
-10°	2372.3	2441.5	2489.1	2500.0	2489.1	2441.5	2372.3	2272.0	2149.7	2012.1	1864.6
-12.5°	2236.4	2303.2	2346.2	2353.9	2346.2	2303.2	2236.4	2145.4	2038.5	1908.8	1775.0
-15°	2086.5	2150.9	2187.0	2200.2	2187.0	2150.9	2086.5	2002.5	1903.5	1791.2	1670.3
-17.5°	1928.2	1987.7	2018.3	2025.3	2018.3	1987.7	1928.2	1853.7	1765.1	1666.1	1558.7
-20°	1766.9	1814.8	1838.4	1850.5	1838.4	1814.8	1766.9	1700.8	1624.5	1537.5	1443.5



REPORT NUMBER: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1609.2	1649.3	1666.3	1675.6	1666.3	1649.3	1609.2	1551.1	1485.1	1409.8	1325.4
-25°	1455.6	1487.8	1502.4	1515.5	1502.4	1487.8	1455.6	1406.1	1347.4	1281.3	1205.9
-27.5°	1307.5	1333.5	1346.2	1354.7	1346.2	1333.5	1307.5	1265.1	1212.6	1154.9	1089.1
-30°	1165.1	1186.0	1196.2	1201.1	1196.2	1186.0	1165.1	1128.8	1082.8	1031.9	974.5
-32.5°	1028.3	1046.5	1056.2	1066.4	1056.2	1046.5	1028.3	997.9	958.1	912.3	861.4
-35°	897.4	913.9	922.8	927.8	922.8	913.9	897.4	871.2	836.6	795.8	749.4
-37.5°	769.8	785.5	795.1	801.6	795.1	785.5	769.8	746.5	716.2	680.0	637.4
-40°	644.7	659.7	669.5	676.3	669.5	659.7	644.7	623.4	596.3	563.3	527.2
-42.5°	524.7	537.1	544.8	547.7	544.8	537.1	524.7	507.2	484.8	457.1	428.0
-45°	421.2	429.2	434.7	437.9	434.7	429.2	421.2	409.7	394.2	374.9	353.0
-47.5°	343.9	349.2	353.1	355.8	353.1	349.2	343.9	336.1	325.3	311.9	296.4
-50°	284.5	288.5	291.1	292.1	291.1	288.5	284.5	278.7	271.0	261.4	250.4
-52.5°	237.1	239.8	241.9	243.2	241.9	239.8	237.1	233.0	227.7	220.8	212.5
-55°	200.6	202.9	203.9	203.8	203.9	202.9	200.6	197.4	193.1	187.7	181.6
-57.5°	169.5	171.3	172.2	172.4	172.2	171.3	169.5	167.2	164.2	160.5	156.1
-60°	144.3	145.4	146.0	146.2	146.0	145.4	144.3	142.7	140.6	137.7	134.3
-62.5°	122.3	123.3	123.8	123.7	123.8	123.3	122.3	120.8	118.8	116.5	114.1
-65°	98.9	99.1	99.5	99.7	99.5	99.1	98.9	98.4	97.5	96.5	95.1
-67.5°	81.5	81.5	81.7	81.7	81.7	81.5	81.5	81.4	80.9	80.1	78.8
-70°	66.3	66.2	65.6	64.7	65.6	66.2	66.3	66.4	66.5	66.3	65.5
-72.5°	49.2	46.9	44.6	42.1	44.6	46.9	49.2	51.4	53.5	55.0	54.6
-75°	35.7	32.0	30.7	29.5	30.7	32.0	35.7	39.2	42.7	45.3	45.0
-77.5°	26.1	22.6	21.6	20.6	21.6	22.6	26.1	29.5	32.7	35.3	35.2
-80°	17.8	15.2	14.7	14.2	14.7	15.2	17.8	20.3	22.7	24.8	25.0
-82.5°	11.2	9.3	9.0	8.7	9.0	9.3	11.2	13.0	14.7	16.3	16.1
-85°	5.2	4.4	4.3	4.2	4.3	4.4	5.2	6.0	6.8	7.4	7.3
-87.5°	0.9	0.8	0.7	0.6	0.7	0.8	0.9	1.0	1.1	1.2	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



REPORT NUMBER: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-U-WR-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°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.4	1.4	1.3	1.3
85°	7.1	6.9	6.7	6.7	6.7	6.6	6.4	5.8	5.1	4.5	4.0
82.5°	15.9	15.7	15.3	14.8	14.2	13.7	13.1	11.7	10.4	9.1	8.0
80°	25.2	25.2	25.0	24.0	23.0	21.9	20.6	18.4	16.3	14.3	12.9
77.5°	35.0	34.8	34.3	33.0	31.7	30.3	28.7	25.8	23.0	20.3	18.5
75°	44.6	44.1	43.2	41.6	39.8	38.0	35.9	33.5	30.7	27.5	25.1
72.5°	54.0	53.2	52.1	50.4	48.4	46.4	44.3	41.9	39.1	35.9	33.6
70°	64.4	63.2	61.7	59.8	57.8	55.7	53.4	51.0	48.1	44.9	42.5
67.5°	77.3	75.4	73.2	70.9	68.7	66.2	63.6	60.8	57.8	54.5	51.4
65°	93.2	90.7	87.8	85.3	82.4	78.9	75.0	71.6	68.2	64.5	60.3
62.5°	111.6	109.1	105.2	101.1	97.2	93.2	88.4	83.6	79.0	74.4	69.6
60°	130.4	125.9	121.6	117.0	112.0	106.6	101.4	95.9	90.2	84.6	78.9
57.5°	151.1	145.6	140.0	134.0	127.7	121.6	115.2	108.4	101.9	95.1	88.3
55°	174.9	168.3	161.1	153.3	145.2	137.9	130.2	122.4	114.5	106.0	98.4
52.5°	203.1	194.9	185.7	175.5	166.0	156.3	146.2	137.4	127.9	118.4	108.9
50°	239.1	227.4	214.8	201.9	190.1	177.3	165.5	153.9	142.3	131.3	120.4
47.5°	282.1	266.7	249.4	233.5	217.8	202.0	187.5	172.1	158.7	144.9	132.7
45°	334.5	313.9	291.7	271.5	249.5	230.4	211.9	194.2	176.7	161.0	145.4
42.5°	401.5	371.5	343.3	316.4	288.7	263.7	238.9	218.0	197.4	178.1	160.5
40°	487.6	443.9	407.7	369.1	335.6	302.0	272.4	243.5	220.1	197.2	175.8
37.5°	589.2	538.2	486.4	433.6	390.0	347.7	309.7	275.5	243.8	217.7	193.0
35°	696.7	639.0	577.1	515.2	451.5	400.3	352.0	309.9	272.8	239.3	210.8
32.5°	803.9	740.6	672.4	601.9	530.3	458.7	400.6	348.5	302.1	263.9	230.2
30°	911.1	841.6	766.9	689.9	611.4	531.0	451.8	390.9	336.4	288.4	249.7
27.5°	1018.7	943.4	861.6	776.8	692.2	604.6	516.8	434.6	370.9	316.7	271.1
25°	1126.4	1042.2	954.4	862.1	769.8	676.7	579.7	488.1	409.7	345.1	290.9
22.5°	1234.4	1139.8	1041.9	942.8	843.6	744.1	642.6	540.4	446.4	373.9	314.0
20°	1341.1	1234.8	1127.7	1020.3	913.3	806.9	700.8	591.8	489.6	403.8	335.6
17.5°	1443.9	1325.8	1209.5	1093.1	978.7	865.9	753.0	639.1	528.2	430.4	354.6
15°	1541.8	1412.9	1286.7	1161.6	1038.1	917.0	799.2	680.7	563.3	458.1	375.5
12.5°	1634.1	1493.6	1356.0	1220.3	1089.0	962.0	839.6	717.2	596.3	485.1	394.2
10°	1713.0	1562.2	1414.1	1271.0	1133.1	1000.4	872.9	748.1	624.6	507.6	409.4
7.5°	1777.1	1617.4	1461.2	1311.1	1167.7	1030.9	898.7	771.8	647.0	525.1	421.1
5°	1824.0	1658.0	1496.1	1340.8	1191.6	1053.2	916.9	788.0	663.2	537.6	429.3
2.5°	1853.1	1682.6	1516.9	1358.9	1205.6	1066.5	927.4	797.8	672.5	544.5	434.5
0°	1858.5	1694.0	1523.5	1360.8	1213.6	1070.5	930.2	801.4	675.0	545.9	436.1
-2.5°	1853.1	1682.6	1516.9	1358.9	1205.6	1066.5	927.4	797.8	672.5	544.5	434.5
-5°	1824.0	1658.0	1496.1	1340.8	1191.6	1053.2	916.9	788.0	663.2	537.6	429.3
-7.5°	1777.1	1617.4	1461.2	1311.1	1167.7	1030.9	898.7	771.8	647.0	525.1	421.1
-10°	1713.0	1562.2	1414.1	1271.0	1133.1	1000.4	872.9	748.1	624.6	507.6	409.4
-12.5°	1634.1	1493.6	1356.0	1220.3	1089.0	962.0	839.6	717.2	596.3	485.1	394.2
-15°	1541.8	1412.9	1286.7	1161.6	1038.1	917.0	799.2	680.7	563.3	458.1	375.5
-17.5°	1443.9	1325.8	1209.5	1093.1	978.7	865.9	753.0	639.1	528.2	430.4	354.6
-20°	1341.1	1234.8	1127.7	1020.3	913.3	806.9	700.8	591.8	489.6	403.8	335.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1234.4	1139.8	1041.9	942.8	843.6	744.1	642.6	540.4	446.4	373.9	314.0
-25°	1126.4	1042.2	954.4	862.1	769.8	676.7	579.7	488.1	409.7	345.1	290.9
-27.5°	1018.7	943.4	861.6	776.8	692.2	604.6	516.8	434.6	370.9	316.7	271.1
-30°	911.1	841.6	766.9	689.9	611.4	531.0	451.8	390.9	336.4	288.4	249.7
-32.5°	803.9	740.6	672.4	601.9	530.3	458.7	400.6	348.5	302.1	263.9	230.2
-35°	696.7	639.0	577.1	515.2	451.5	400.3	352.0	309.9	272.8	239.3	210.8
-37.5°	589.2	538.2	486.4	433.6	390.0	347.7	309.7	275.5	243.8	217.7	193.0
-40°	487.6	443.9	407.7	369.1	335.6	302.0	272.4	243.5	220.1	197.2	175.8
-42.5°	401.5	371.5	343.3	316.4	288.7	263.7	238.9	218.0	197.4	178.1	160.5
-45°	334.5	313.9	291.7	271.5	249.5	230.4	211.9	194.2	176.7	161.0	145.4
-47.5°	282.1	266.7	249.4	233.5	217.8	202.0	187.5	172.1	158.7	144.9	132.7
-50°	239.1	227.4	214.8	201.9	190.1	177.3	165.5	153.9	142.3	131.3	120.4
-52.5°	203.1	194.9	185.7	175.5	166.0	156.3	146.2	137.4	127.9	118.4	108.9
-55°	174.9	168.3	161.1	153.3	145.2	137.9	130.2	122.4	114.5	106.0	98.4
-57.5°	151.1	145.6	140.0	134.0	127.7	121.6	115.2	108.4	101.9	95.1	88.3
-60°	130.4	125.9	121.6	117.0	112.0	106.6	101.4	95.9	90.2	84.6	78.9
-62.5°	111.6	109.1	105.2	101.1	97.2	93.2	88.4	83.6	79.0	74.4	69.6
-65°	93.2	90.7	87.8	85.3	82.4	78.9	75.0	71.6	68.2	64.5	60.3
-67.5°	77.3	75.4	73.2	70.9	68.7	66.2	63.6	60.8	57.8	54.5	51.4
-70°	64.4	63.2	61.7	59.8	57.8	55.7	53.4	51.0	48.1	44.9	42.5
-72.5°	54.0	53.2	52.1	50.4	48.4	46.4	44.3	41.9	39.1	35.9	33.6
-75°	44.6	44.1	43.2	41.6	39.8	38.0	35.9	33.5	30.7	27.5	25.1
-77.5°	35.0	34.8	34.3	33.0	31.7	30.3	28.7	25.8	23.0	20.3	18.5
-80°	25.2	25.2	25.0	24.0	23.0	21.9	20.6	18.4	16.3	14.3	12.9
-82.5°	15.9	15.7	15.3	14.8	14.2	13.7	13.1	11.7	10.4	9.1	8.0
-85°	7.1	6.9	6.7	6.7	6.7	6.6	6.4	5.8	5.1	4.5	4.0
-87.5°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.4	1.4	1.3	1.3
-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: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-WR-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°	1.4	1.5	1.6	1.7	1.8	1.8	1.8	1.8	1.7	1.6	1.5
85°	4.2	4.3	4.3	4.2	3.9	3.6	3.6	3.6	3.4	3.2	2.9
82.5°	8.3	8.6	8.7	8.7	8.2	7.6	7.0	6.4	5.7	4.9	4.4
80°	13.4	13.7	13.8	13.6	12.6	11.6	10.7	9.8	8.9	7.8	6.7
77.5°	18.9	19.1	19.1	18.8	17.6	16.3	14.8	13.4	12.1	10.8	9.4
75°	24.7	24.8	24.7	24.1	22.6	20.9	19.2	17.4	15.5	13.8	12.0
72.5°	32.3	31.3	30.5	29.5	27.8	25.9	23.8	21.3	19.0	16.8	14.7
70°	40.3	38.1	36.4	34.8	33.0	31.0	28.5	25.5	22.4	19.7	17.2
67.5°	48.6	45.9	43.2	40.3	38.0	35.7	33.3	29.6	25.9	22.6	19.6
65°	56.7	53.3	50.3	46.5	43.2	40.5	37.7	33.5	29.2	25.4	22.0
62.5°	64.8	60.3	56.5	52.4	48.5	45.0	41.9	37.1	32.5	28.1	24.3
60°	73.2	67.9	62.6	58.0	53.6	49.4	45.5	40.7	35.6	30.7	26.4
57.5°	81.9	75.6	69.5	63.7	58.5	53.7	48.9	43.9	38.6	33.3	28.4
55°	90.7	83.5	76.4	69.7	63.6	58.1	52.5	47.0	41.5	35.9	29.9
52.5°	100.1	91.7	83.7	75.9	68.9	62.4	56.3	50.1	44.3	38.3	31.6
50°	110.1	100.4	91.2	82.5	74.1	66.9	60.0	53.4	47.0	40.7	33.1
47.5°	120.5	109.5	99.1	89.2	80.1	71.3	63.9	56.7	49.7	43.1	34.6
45°	132.0	119.0	107.2	96.3	85.8	76.2	67.7	59.9	52.5	44.8	35.8
42.5°	143.6	129.2	115.7	103.3	92.0	81.2	71.4	63.2	55.2	46.3	37.1
40°	157.0	139.6	124.2	110.7	98.1	86.0	75.6	66.3	57.8	47.8	38.3
37.5°	170.0	150.8	133.4	117.8	104.1	91.4	79.7	69.3	59.8	49.5	39.4
35°	185.4	162.4	142.3	125.3	110.3	96.5	83.5	72.4	62.0	51.1	40.4
32.5°	200.2	174.2	152.2	133.1	116.2	101.3	87.6	75.6	64.2	52.6	41.3
30°	216.6	187.0	161.6	140.3	122.0	106.3	91.7	78.5	66.5	54.0	42.1
27.5°	232.4	198.8	170.6	147.9	128.2	111.0	95.5	81.3	68.8	55.5	43.1
25°	248.0	211.6	180.7	155.2	133.8	115.2	99.0	83.9	71.0	57.2	44.1
22.5°	264.9	223.9	189.7	161.7	138.9	119.0	102.3	86.8	73.0	58.8	44.9
20°	280.4	235.0	197.8	168.0	144.0	123.2	105.4	89.3	74.9	60.3	45.6
17.5°	295.1	246.4	206.8	174.7	148.8	126.9	108.2	91.5	76.5	61.7	46.2
15°	310.5	257.7	214.9	180.6	153.0	130.1	110.5	93.4	77.9	63.0	46.7
12.5°	323.7	267.2	221.8	185.5	156.4	132.8	112.5	95.0	79.1	64.0	47.2
10°	334.5	274.9	227.3	189.5	159.2	134.9	114.0	96.3	80.0	64.8	47.4
7.5°	342.9	280.8	231.4	192.5	161.4	136.6	115.3	97.3	80.8	65.4	47.5
5°	348.8	284.9	234.5	194.6	163.0	137.8	116.3	98.0	81.3	65.7	47.3
2.5°	351.9	287.3	236.4	195.8	164.0	138.4	116.8	98.3	81.5	65.8	47.0
0°	352.4	287.7	236.9	195.9	164.2	138.5	116.9	98.3	81.5	65.5	46.5
-2.5°	351.9	287.3	236.4	195.8	164.0	138.4	116.8	98.3	81.5	65.8	47.0
-5°	348.8	284.9	234.5	194.6	163.0	137.8	116.3	98.0	81.3	65.7	47.3
-7.5°	342.9	280.8	231.4	192.5	161.4	136.6	115.3	97.3	80.8	65.4	47.5
-10°	334.5	274.9	227.3	189.5	159.2	134.9	114.0	96.3	80.0	64.8	47.4
-12.5°	323.7	267.2	221.8	185.5	156.4	132.8	112.5	95.0	79.1	64.0	47.2
-15°	310.5	257.7	214.9	180.6	153.0	130.1	110.5	93.4	77.9	63.0	46.7
-17.5°	295.1	246.4	206.8	174.7	148.8	126.9	108.2	91.5	76.5	61.7	46.2
-20°	280.4	235.0	197.8	168.0	144.0	123.2	105.4	89.3	74.9	60.3	45.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	264.9	223.9	189.7	161.7	138.9	119.0	102.3	86.8	73.0	58.8	44.9
-25°	248.0	211.6	180.7	155.2	133.8	115.2	99.0	83.9	71.0	57.2	44.1
-27.5°	232.4	198.8	170.6	147.9	128.2	111.0	95.5	81.3	68.8	55.5	43.1
-30°	216.6	187.0	161.6	140.3	122.0	106.3	91.7	78.5	66.5	54.0	42.1
-32.5°	200.2	174.2	152.2	133.1	116.2	101.3	87.6	75.6	64.2	52.6	41.3
-35°	185.4	162.4	142.3	125.3	110.3	96.5	83.5	72.4	62.0	51.1	40.4
-37.5°	170.0	150.8	133.4	117.8	104.1	91.4	79.7	69.3	59.8	49.5	39.4
-40°	157.0	139.6	124.2	110.7	98.1	86.0	75.6	66.3	57.8	47.8	38.3
-42.5°	143.6	129.2	115.7	103.3	92.0	81.2	71.4	63.2	55.2	46.3	37.1
-45°	132.0	119.0	107.2	96.3	85.8	76.2	67.7	59.9	52.5	44.8	35.8
-47.5°	120.5	109.5	99.1	89.2	80.1	71.3	63.9	56.7	49.7	43.1	34.6
-50°	110.1	100.4	91.2	82.5	74.1	66.9	60.0	53.4	47.0	40.7	33.1
-52.5°	100.1	91.7	83.7	75.9	68.9	62.4	56.3	50.1	44.3	38.3	31.6
-55°	90.7	83.5	76.4	69.7	63.6	58.1	52.5	47.0	41.5	35.9	29.9
-57.5°	81.9	75.6	69.5	63.7	58.5	53.7	48.9	43.9	38.6	33.3	28.4
-60°	73.2	67.9	62.6	58.0	53.6	49.4	45.5	40.7	35.6	30.7	26.4
-62.5°	64.8	60.3	56.5	52.4	48.5	45.0	41.9	37.1	32.5	28.1	24.3
-65°	56.7	53.3	50.3	46.5	43.2	40.5	37.7	33.5	29.2	25.4	22.0
-67.5°	48.6	45.9	43.2	40.3	38.0	35.7	33.3	29.6	25.9	22.6	19.6
-70°	40.3	38.1	36.4	34.8	33.0	31.0	28.5	25.5	22.4	19.7	17.2
-72.5°	32.3	31.3	30.5	29.5	27.8	25.9	23.8	21.3	19.0	16.8	14.7
-75°	24.7	24.8	24.7	24.1	22.6	20.9	19.2	17.4	15.5	13.8	12.0
-77.5°	18.9	19.1	19.1	18.8	17.6	16.3	14.8	13.4	12.1	10.8	9.4
-80°	13.4	13.7	13.8	13.6	12.6	11.6	10.7	9.8	8.9	7.8	6.7
-82.5°	8.3	8.6	8.7	8.7	8.2	7.6	7.0	6.4	5.7	4.9	4.4
-85°	4.2	4.3	4.3	4.2	3.9	3.6	3.6	3.6	3.4	3.2	2.9
-87.5°	1.4	1.5	1.6	1.7	1.8	1.8	1.8	1.8	1.7	1.6	1.5
-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: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-WR-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°	1.3	1.0	0.8	0.5	0.3	0.1	0.0
85°	2.6	2.1	1.5	1.1	0.7	0.3	0.0
82.5°	3.9	3.1	2.3	1.6	1.0	0.4	0.0
80°	5.4	4.1	3.1	2.1	1.3	0.6	0.0
77.5°	7.7	5.3	3.8	2.7	1.6	0.7	0.0
75°	9.9	7.0	4.6	3.2	1.9	0.8	0.0
72.5°	12.1	8.6	5.7	3.7	2.3	1.0	0.0
70°	14.1	10.1	6.8	4.2	2.6	1.1	0.0
67.5°	15.9	11.5	7.8	4.8	2.8	1.2	0.0
65°	17.7	12.9	8.7	5.5	3.1	1.4	0.0
62.5°	19.3	14.1	9.7	6.0	3.4	1.5	0.0
60°	20.8	15.3	10.5	6.6	3.7	1.6	0.0
57.5°	22.2	16.4	11.3	7.1	4.0	1.7	0.0
55°	23.4	17.4	12.0	7.6	4.3	1.8	0.0
52.5°	24.5	18.3	12.7	8.0	4.6	1.9	0.0
50°	25.6	19.2	13.4	8.4	4.8	2.0	0.0
47.5°	26.5	19.9	13.9	8.8	5.1	2.1	0.0
45°	27.6	20.6	14.4	9.1	5.3	2.2	0.0
42.5°	28.6	21.1	14.8	9.4	5.6	2.3	0.0
40°	29.4	21.6	15.2	9.8	5.8	2.4	0.0
37.5°	30.2	22.0	15.5	10.2	6.0	2.5	0.0
35°	30.8	22.5	15.8	10.5	6.2	2.5	0.0
32.5°	31.3	22.9	16.0	10.8	6.4	2.6	0.0
30°	31.9	23.2	16.2	11.0	6.5	2.6	0.0
27.5°	32.4	23.4	16.5	11.3	6.7	2.7	0.0
25°	32.8	23.6	16.8	11.5	6.8	2.7	0.0
22.5°	33.1	23.8	17.1	11.7	6.9	2.8	0.0
20°	33.2	24.2	17.4	11.8	7.0	2.8	0.0
17.5°	33.6	24.5	17.6	11.9	7.1	2.8	0.0
15°	34.1	24.8	17.7	12.0	7.1	2.8	0.0
12.5°	34.4	25.0	17.9	12.1	7.2	2.8	0.0
10°	34.6	25.1	17.9	12.1	7.2	2.8	0.0
7.5°	34.7	25.2	18.0	12.1	7.2	2.8	0.0
5°	34.6	25.2	18.0	12.1	7.2	2.8	0.0
2.5°	34.5	25.1	17.9	12.0	7.1	2.8	0.0
0°	34.2	24.9	17.8	11.9	7.1	2.8	0.0
-2.5°	34.5	25.1	17.9	12.0	7.1	2.8	0.0
-5°	34.6	25.2	18.0	12.1	7.2	2.8	0.0
-7.5°	34.7	25.2	18.0	12.1	7.2	2.8	0.0
-10°	34.6	25.1	17.9	12.1	7.2	2.8	0.0
-12.5°	34.4	25.0	17.9	12.1	7.2	2.8	0.0
-15°	34.1	24.8	17.7	12.0	7.1	2.8	0.0
-17.5°	33.6	24.5	17.6	11.9	7.1	2.8	0.0
-20°	33.2	24.2	17.4	11.8	7.0	2.8	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626563 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	33.1	23.8	17.1	11.7	6.9	2.8	0.0
-25°	32.8	23.6	16.8	11.5	6.8	2.7	0.0
-27.5°	32.4	23.4	16.5	11.3	6.7	2.7	0.0
-30°	31.9	23.2	16.2	11.0	6.5	2.6	0.0
-32.5°	31.3	22.9	16.0	10.8	6.4	2.6	0.0
-35°	30.8	22.5	15.8	10.5	6.2	2.5	0.0
-37.5°	30.2	22.0	15.5	10.2	6.0	2.5	0.0
-40°	29.4	21.6	15.2	9.8	5.8	2.4	0.0
-42.5°	28.6	21.1	14.8	9.4	5.6	2.3	0.0
-45°	27.6	20.6	14.4	9.1	5.3	2.2	0.0
-47.5°	26.5	19.9	13.9	8.8	5.1	2.1	0.0
-50°	25.6	19.2	13.4	8.4	4.8	2.0	0.0
-52.5°	24.5	18.3	12.7	8.0	4.6	1.9	0.0
-55°	23.4	17.4	12.0	7.6	4.3	1.8	0.0
-57.5°	22.2	16.4	11.3	7.1	4.0	1.7	0.0
-60°	20.8	15.3	10.5	6.6	3.7	1.6	0.0
-62.5°	19.3	14.1	9.7	6.0	3.4	1.5	0.0
-65°	17.7	12.9	8.7	5.5	3.1	1.4	0.0
-67.5°	15.9	11.5	7.8	4.8	2.8	1.2	0.0
-70°	14.1	10.1	6.8	4.2	2.6	1.1	0.0
-72.5°	12.1	8.6	5.7	3.7	2.3	1.0	0.0
-75°	9.9	7.0	4.6	3.2	1.9	0.8	0.0
-77.5°	7.7	5.3	3.8	2.7	1.6	0.7	0.0
-80°	5.4	4.1	3.1	2.1	1.3	0.6	0.0
-82.5°	3.9	3.1	2.3	1.6	1.0	0.4	0.0
-85°	2.6	2.1	1.5	1.1	0.7	0.3	0.0
-87.5°	1.3	1.0	0.8	0.5	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)