

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: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626688 (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-SA1C-740-U-NR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5782.9 lumens
Efficiency: N/A
Efficacy: 132.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 58618.9 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 1846.2 lumens
Beam Efficiency: 31.9%

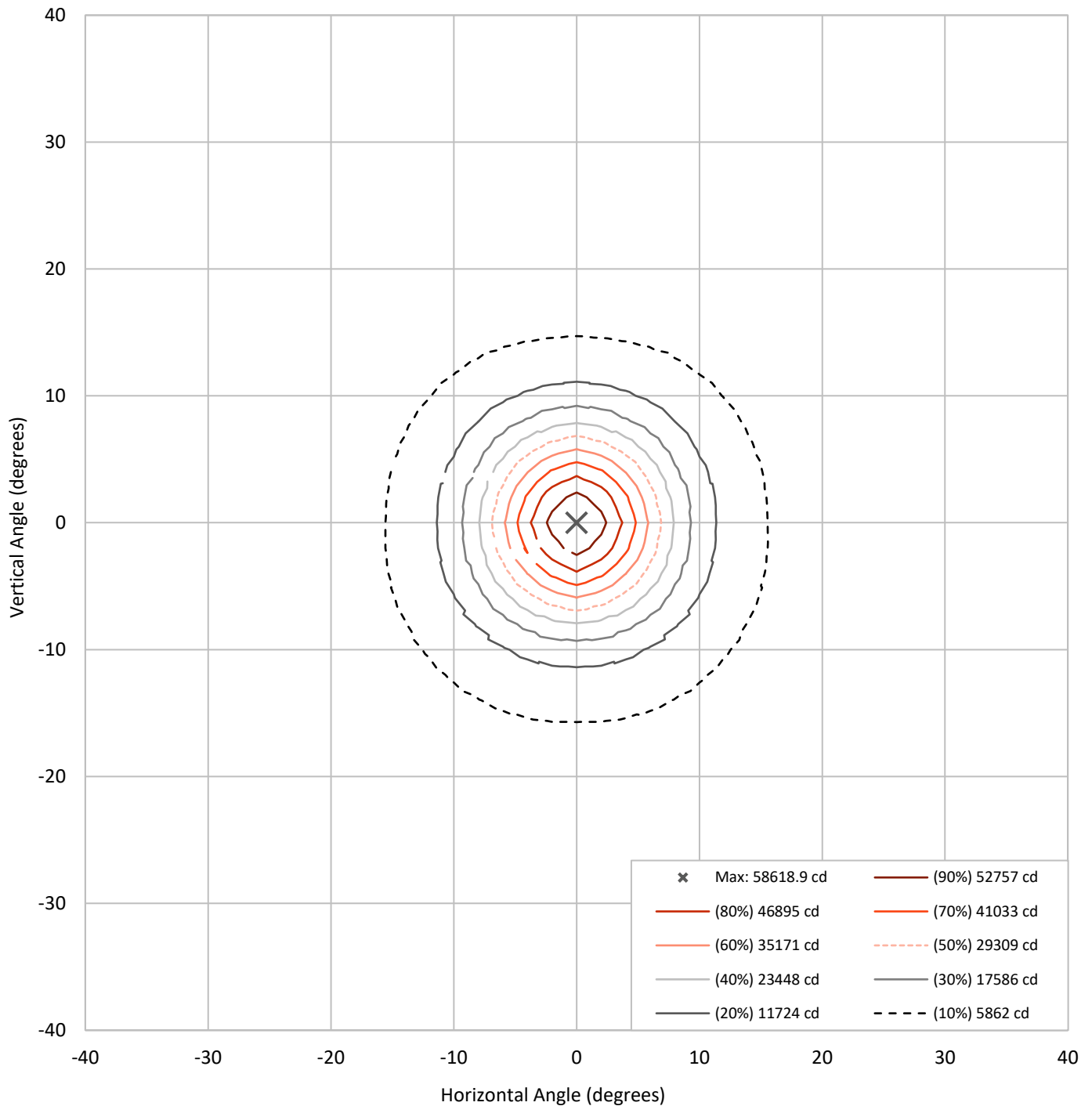
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 4112 lumens
Field Efficiency: 71.1%

Input Watts (W): 43.5
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: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-740-U-NR-VSR-XX

Iso-Candela Plot





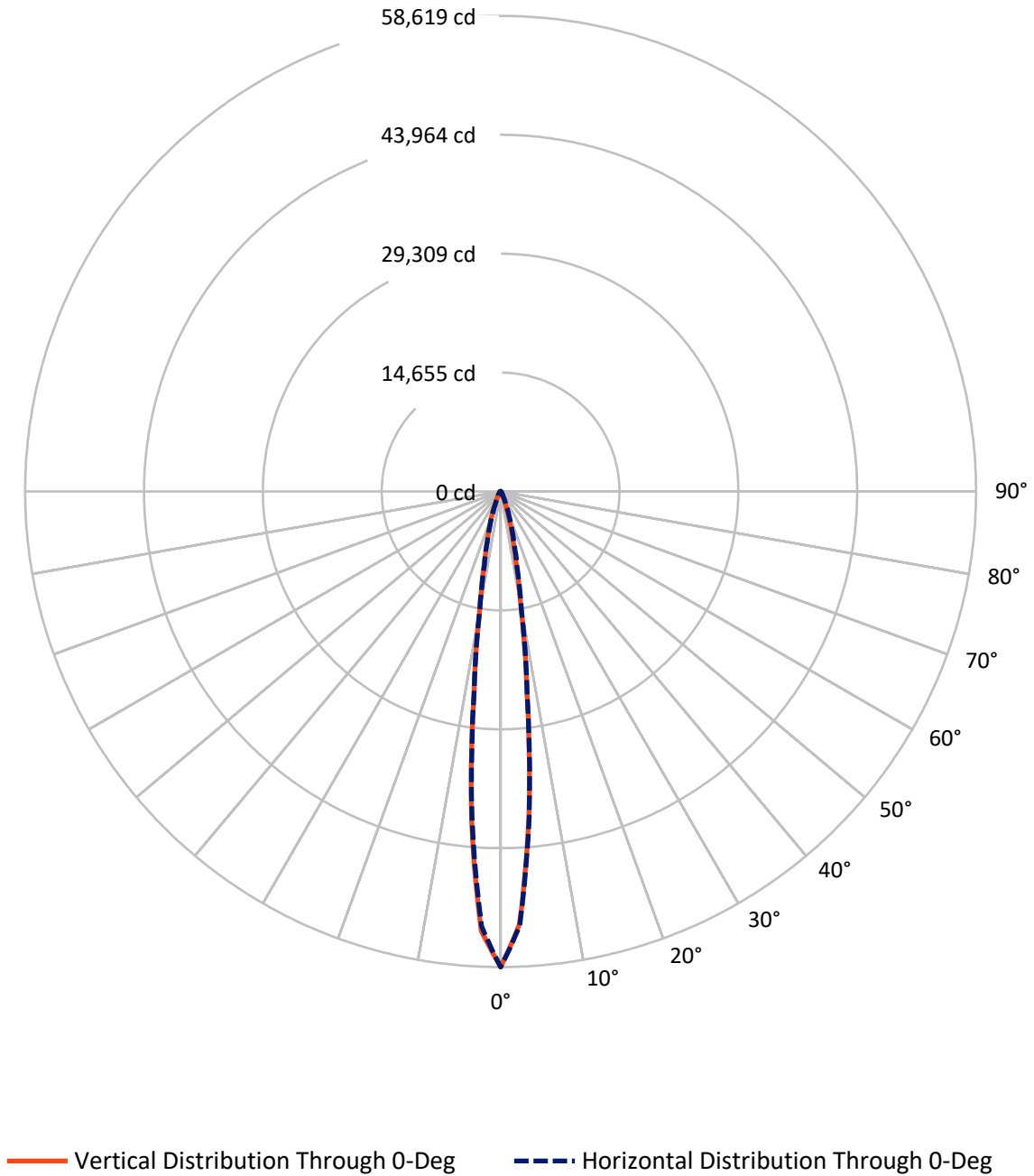
REPORT NUMBER: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-NR-VSR-XX

Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.1	0.3	0.5	0.7	0.8	0.8	0.7	0.5	0.3	0.1	0.0	0.0		
50	0.0	0.0	0.2	0.5	0.9	1.4	2.0	2.3	2.3	2.0	1.4	0.9	0.5	0.2	0.0	0.0	
40		0.1	0.4	1.0	1.8	2.8	4.7	6.0	6.0	4.7	2.8	1.8	1.0	0.4	0.1		
30	0.1	0.2	0.6	1.5	2.7	5.9	15.7	26.0	26.0	15.7	5.9	2.7	1.5	0.6	0.2	0.1	
20		0.2	0.9	2.1	4.5	17.6	74.1	162.9	162.9	74.1	17.6	4.5	2.1	0.9	0.2		
10	0.1	0.3	1.1	2.4	6.1	33.0	177.6	796.6	796.6	177.6	33.0	6.1	2.4	1.1	0.3	0.1	
0		0.4	1.2	2.5	6.5	35.2	183.9	810.2	810.2	183.9	35.2	6.5	2.5	1.2	0.4		
-10	0.1	0.4	1.2	2.5	5.7	22.4	89.3	190.9	190.9	89.3	22.4	5.7	2.5	1.2	0.4	0.1	
-20		0.4	1.1	2.3	4.4	10.5	27.5	45.8	45.8	27.5	10.5	4.4	2.3	1.1	0.4		
-30	0.1	0.3	1.0	2.0	3.5	5.7	9.3	11.9	11.9	9.3	5.7	3.5	2.0	1.0	0.3	0.1	
-40		0.3	0.8	1.7	2.8	4.0	5.4	6.0	6.0	5.4	4.0	2.8	1.7	0.8	0.3		
-50	0.1	0.2	0.6	1.3	2.2	3.1	3.9	4.3	4.3	3.9	3.1	2.2	1.3	0.6	0.2	0.1	
-60		0.1	0.4	0.9	1.5	2.1	2.7	3.0	3.0	2.7	2.1	1.5	0.9	0.4	0.1		
-70	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		0.3	1.5	3.2	4.0	3.2	1.5	0.3	0.0								
-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	

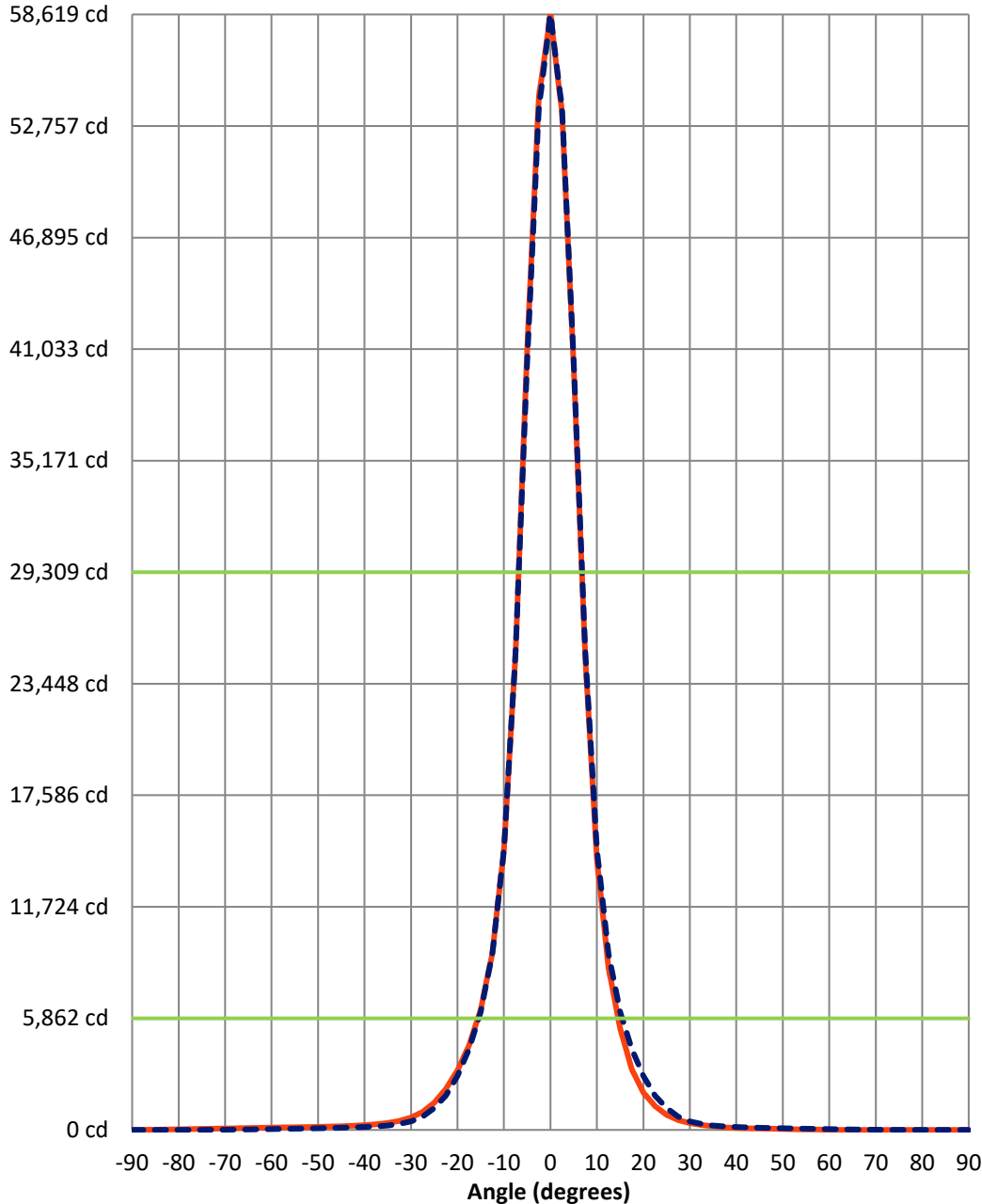
REPORT NUMBER: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-740-U-NR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-NR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 1846.2
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 4112
 Efficiency: 71.1%

Spill:
 Lumens: 1670.9
 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: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0
72.5°	0.0	0.2	0.0	0.0	0.1	0.2	0.1	0.1	0.3	0.3	0.1
70°	0.0	0.2	0.0	0.0	0.2	0.3	0.1	0.4	0.5	0.4	0.2
67.5°	0.0	0.2	0.1	0.1	0.4	0.4	0.4	0.7	0.8	0.5	0.2
65°	0.0	0.3	0.1	0.3	0.5	0.5	0.7	1.0	0.8	0.5	0.4
62.5°	0.0	0.3	0.1	0.4	0.6	0.7	0.9	1.1	0.9	0.6	0.8
60°	0.0	0.3	0.2	0.5	0.8	0.8	1.2	1.2	0.9	0.9	1.1
57.5°	0.0	0.4	0.3	0.6	0.8	1.0	1.2	1.2	1.0	1.1	1.2
55°	0.0	0.4	0.4	0.8	0.9	1.1	1.2	1.2	1.1	1.2	1.2
52.5°	0.0	0.4	0.5	0.9	1.0	1.2	1.2	1.2	1.2	1.2	1.2
50°	0.0	0.5	0.5	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.4
47.5°	0.0	0.5	0.6	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.7
45°	0.0	0.5	0.7	1.2	1.2	1.2	1.2	1.2	1.2	1.5	2.0
42.5°	0.0	0.6	0.8	1.2	1.2	1.2	1.2	1.2	1.3	1.9	2.8
40°	0.0	0.6	0.8	1.2	1.2	1.2	1.2	1.4	1.6	2.3	3.6
37.5°	0.0	0.7	0.9	1.2	1.2	1.2	1.2	1.5	2.0	2.9	4.4
35°	0.0	0.7	1.0	1.2	1.2	1.2	1.2	1.6	2.5	3.7	5.4
32.5°	0.0	0.7	1.0	1.2	1.2	1.2	1.2	1.8	3.0	4.4	6.7
30°	0.0	0.8	1.0	1.2	1.2	1.2	1.4	2.1	3.5	5.2	8.0
27.5°	0.0	0.8	1.1	1.2	1.2	1.2	1.5	2.5	4.0	5.8	9.5
25°	0.0	0.9	1.1	1.2	1.2	1.2	1.7	2.9	4.6	6.9	11.1
22.5°	0.0	0.9	1.1	1.2	1.2	1.2	1.8	3.3	5.2	8.1	13.0
20°	0.0	0.9	1.2	1.2	1.2	1.3	2.0	3.7	5.7	9.4	14.8
17.5°	0.0	1.0	1.2	1.2	1.2	1.4	2.2	4.1	6.2	10.7	16.4
15°	0.0	1.0	1.2	1.2	1.2	1.6	2.5	4.5	6.6	11.9	17.8
12.5°	0.0	1.0	1.2	1.2	1.2	1.7	2.7	4.8	7.3	13.1	19.1
10°	0.0	1.1	1.2	1.2	1.2	1.9	2.9	5.2	8.1	14.3	20.3
7.5°	0.0	1.1	1.2	1.2	1.2	2.0	3.2	5.5	8.9	15.3	21.3
5°	0.0	1.1	1.2	1.2	1.2	2.2	3.4	5.8	9.7	16.1	22.2
2.5°	0.0	1.2	1.2	1.2	1.2	2.4	3.5	6.0	10.5	16.8	23.0
0°	0.0	1.2	1.2	1.2	1.2	2.5	3.7	6.2	11.2	17.4	23.6
-2.5°	0.0	1.2	1.2	1.2	1.3	2.6	4.0	6.6	11.8	17.9	24.4
-5°	0.0	1.2	1.2	1.2	1.4	2.7	4.3	6.9	12.4	18.2	25.0
-7.5°	0.0	1.2	1.2	1.2	1.5	2.8	4.6	7.2	12.8	18.5	25.5
-10°	0.0	1.2	1.2	1.2	1.6	2.9	4.9	7.5	13.1	18.7	25.8
-12.5°	0.0	1.2	1.2	1.2	1.7	3.0	5.1	7.7	13.3	18.9	26.3
-15°	0.0	1.2	1.2	1.2	1.8	3.1	5.2	7.9	13.4	19.3	26.8
-17.5°	0.0	1.1	1.2	1.2	1.8	3.1	5.3	8.1	13.3	19.5	27.0
-20°	0.0	1.1	1.2	1.2	1.9	3.2	5.4	8.3	13.1	19.4	26.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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	1.1	1.2	1.2	1.9	3.2	5.5	8.4	12.8	19.2	26.6
-25°	0.0	1.1	1.2	1.2	1.9	3.3	5.5	8.4	12.4	18.8	26.1
-27.5°	0.0	1.1	1.2	1.2	1.9	3.4	5.5	8.4	11.9	18.1	25.5
-30°	0.0	1.0	1.2	1.2	1.8	3.4	5.5	8.3	11.7	17.5	24.6
-32.5°	0.0	1.0	1.2	1.2	1.8	3.5	5.4	8.2	11.5	16.7	23.5
-35°	0.0	1.0	1.2	1.2	1.8	3.5	5.4	8.1	11.3	15.8	22.0
-37.5°	0.0	1.0	1.2	1.2	1.7	3.4	5.4	7.9	11.0	14.8	21.1
-40°	0.0	0.9	1.2	1.2	1.7	3.3	5.3	7.7	10.5	14.2	20.3
-42.5°	0.0	0.9	1.2	1.2	1.6	3.2	5.2	7.5	10.2	13.9	19.4
-45°	0.0	0.8	1.2	1.2	1.7	3.1	5.0	7.3	9.9	13.5	18.3
-47.5°	0.0	0.8	1.2	1.3	1.7	2.9	4.8	7.0	9.6	12.9	17.6
-50°	0.0	0.8	1.2	1.3	1.7	2.7	4.6	6.7	9.2	12.4	16.7
-52.5°	0.0	0.7	1.2	1.3	1.7	2.5	4.3	6.4	8.7	11.7	15.6
-55°	0.0	0.7	1.2	1.3	1.7	2.4	4.0	5.9	8.2	10.8	14.5
-57.5°	0.0	0.6	1.2	1.3	1.7	2.4	3.6	5.5	7.6	10.0	13.1
-60°	0.0	0.6	1.2	1.3	1.7	2.3	3.2	4.9	7.0	9.2	11.7
-62.5°	0.0	0.6	1.1	1.3	1.6	2.2	3.0	4.4	6.2	8.3	10.7
-65°	0.0	0.5	1.0	1.3	1.6	2.1	2.9	3.8	5.5	7.4	9.5
-67.5°	0.0	0.5	0.9	1.2	1.5	2.0	2.6	3.5	4.6	6.4	8.3
-70°	0.0	0.4	0.8	1.2	1.4	1.8	2.4	3.2	4.1	5.3	7.0
-72.5°	0.0	0.4	0.7	1.1	1.3	1.6	2.2	2.8	3.6	4.6	5.8
-75°	0.0	0.3	0.6	0.9	1.2	1.5	1.9	2.5	3.1	3.9	4.8
-77.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.1	2.7	3.2	3.9
-80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.7	2.3	2.8	3.3
-82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.4	1.9	2.3	2.8
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.3	1.7	2.1
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.6	0.8	1.1
-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: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.3	0.4	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.6	0.8	0.6	0.3	0.0	0.3	0.4	0.3	0.0	0.0	0.0
62.5°	1.1	0.9	0.7	0.5	0.7	0.9	0.7	0.4	0.1	0.6	0.9
60°	1.2	1.0	0.8	1.0	1.2	1.1	0.8	1.2	1.8	2.3	2.8
57.5°	1.2	1.1	1.1	1.3	1.4	1.4	2.2	2.9	4.1	5.1	5.8
55°	1.2	1.2	1.4	1.7	2.1	2.9	4.0	5.7	7.0	9.1	10.8
52.5°	1.4	1.4	1.9	2.5	3.7	5.1	7.1	9.4	12.1	14.0	16.2
50°	1.6	2.1	2.7	4.3	5.9	8.1	11.2	14.7	16.9	19.2	22.2
47.5°	2.2	2.8	4.4	6.2	8.6	12.1	16.4	18.9	21.1	24.6	28.3
45°	3.0	4.2	6.1	8.7	12.1	16.9	20.3	22.2	26.1	30.2	34.5
42.5°	3.8	5.8	8.4	11.2	16.4	20.9	24.0	27.2	31.1	35.9	40.5
40°	5.2	7.4	11.0	15.2	20.6	25.0	28.8	32.5	36.4	42.6	47.5
37.5°	6.6	9.8	13.8	19.1	24.6	29.5	33.8	38.5	43.9	50.9	55.4
35°	7.9	12.3	17.2	22.9	28.7	34.2	39.4	44.8	51.8	58.5	63.8
32.5°	9.8	14.8	20.4	26.5	32.5	38.7	45.0	51.5	58.4	65.2	72.2
30°	12.1	17.6	23.4	29.9	36.0	43.2	50.5	57.4	64.3	71.5	79.4
27.5°	14.5	20.1	26.4	33.0	39.3	47.6	55.5	62.6	69.8	77.5	86.5
25°	16.7	22.7	29.3	35.7	43.2	52.0	60.7	68.9	75.0	83.8	94.3
22.5°	18.8	25.2	32.3	38.2	47.0	56.5	66.6	75.5	82.6	90.5	102.4
20°	20.9	27.8	35.1	41.7	50.7	61.0	73.0	82.1	91.0	101.1	113.3
17.5°	22.9	30.2	37.8	45.8	55.2	65.9	79.5	88.8	99.4	111.5	126.9
15°	24.8	32.4	40.6	49.5	59.3	70.8	83.9	95.5	108.2	122.2	140.3
12.5°	26.5	34.5	43.3	53.0	62.9	75.0	87.6	99.9	114.6	132.9	155.7
10°	28.1	36.3	46.0	56.2	66.0	78.5	90.8	103.7	119.1	139.2	165.3
7.5°	29.5	38.2	48.5	59.0	68.7	81.5	93.7	106.8	122.9	144.5	171.8
5°	30.6	40.1	50.8	60.9	70.9	84.0	96.0	109.2	126.0	148.6	176.5
2.5°	31.6	41.9	52.9	62.3	72.8	86.3	97.9	112.0	129.1	151.8	180.8
0°	32.3	43.4	54.6	63.3	74.4	88.1	99.3	114.2	131.5	153.9	184.9
-2.5°	33.8	44.7	55.6	64.5	76.1	88.4	100.2	114.5	132.4	155.5	185.7
-5°	35.1	45.8	56.4	65.4	77.4	88.3	100.5	114.2	132.8	156.4	187.0
-7.5°	36.0	46.6	56.9	66.0	78.1	88.7	101.1	115.1	133.7	157.2	188.7
-10°	36.7	47.2	57.3	66.9	78.3	89.2	101.3	115.3	133.6	156.7	187.8
-12.5°	37.0	47.5	57.5	67.4	78.3	89.1	101.0	114.7	132.2	154.7	183.9
-15°	37.1	47.6	57.5	67.5	78.1	88.6	100.2	113.4	129.7	151.4	177.9
-17.5°	37.0	47.5	57.2	67.1	77.8	87.6	99.0	111.7	127.2	147.5	173.0
-20°	36.6	47.3	56.8	66.2	77.4	86.7	97.8	110.0	124.6	143.0	165.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	36.1	46.8	56.2	65.3	76.0	85.8	96.2	107.8	121.0	137.5	157.8
-25°	35.5	45.9	55.4	64.6	74.4	84.5	94.1	105.2	117.3	133.2	151.5
-27.5°	34.7	44.9	54.3	63.6	72.8	82.7	92.1	102.6	114.5	128.6	144.9
-30°	33.6	43.4	52.8	62.3	71.3	80.6	89.8	99.7	110.9	124.2	139.3
-32.5°	32.1	41.7	50.9	60.3	69.7	78.5	87.2	96.7	107.3	118.9	133.3
-35°	30.7	39.9	48.9	57.8	67.7	76.2	84.5	93.4	103.1	114.0	125.7
-37.5°	29.3	37.9	46.7	55.1	64.5	73.4	81.5	89.9	98.9	108.8	119.4
-40°	27.8	35.8	44.4	52.6	60.8	69.9	78.0	86.1	94.4	104.4	113.8
-42.5°	26.3	34.1	42.0	50.0	57.9	66.0	74.0	81.8	90.7	100.1	109.3
-45°	25.0	32.2	39.6	47.4	55.1	62.4	70.0	77.2	86.2	95.7	104.7
-47.5°	23.5	30.4	37.5	44.5	52.1	59.5	66.2	73.6	81.2	90.1	99.6
-50°	21.9	28.4	35.0	41.7	48.9	56.2	63.1	69.8	77.0	84.3	92.5
-52.5°	20.6	26.3	32.4	38.5	45.3	52.5	59.4	66.2	72.8	79.7	86.7
-55°	19.1	24.3	29.6	35.3	41.3	48.2	55.0	61.7	68.5	74.9	81.7
-57.5°	17.3	22.0	26.9	32.2	37.7	43.3	50.0	56.5	62.9	69.4	76.5
-60°	15.3	19.5	24.0	28.9	34.2	39.3	44.7	50.8	57.0	63.1	69.6
-62.5°	13.2	16.9	20.9	25.3	30.1	35.1	40.1	45.3	50.8	56.1	61.8
-65°	11.9	14.4	17.8	21.7	25.7	30.2	34.9	39.7	44.5	49.1	53.4
-67.5°	10.4	12.7	15.2	18.1	21.7	25.5	29.3	33.6	37.9	42.1	46.2
-70°	8.9	10.9	13.1	15.5	18.1	21.2	24.7	28.2	31.6	35.1	38.8
-72.5°	7.3	9.1	11.0	13.0	15.2	17.7	20.4	23.3	26.3	29.2	32.2
-75°	6.0	7.2	8.7	10.5	12.3	14.3	16.3	18.6	21.1	23.6	26.1
-77.5°	4.9	6.0	7.1	8.2	9.5	11.3	13.0	14.7	16.5	18.4	20.4
-80°	4.0	4.8	5.8	6.8	7.7	8.8	10.0	11.4	12.6	13.9	15.3
-82.5°	3.3	4.0	4.7	5.4	6.0	6.5	7.2	8.0	8.8	9.7	10.6
-85°	2.6	3.1	3.5	4.1	4.3	4.6	4.9	5.2	5.8	6.3	6.8
-87.5°	1.3	1.5	1.8	2.1	2.3	2.4	2.5	2.6	3.0	3.3	3.7
-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: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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°	0.1	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	0.7	0.6	1.0	1.3	1.4	1.3	1.2	1.1	0.9	0.9	1.0
60°	3.0	2.9	4.1	4.6	4.2	3.0	4.7	5.5	5.3	4.5	4.5
57.5°	7.3	8.8	10.0	10.5	12.1	14.8	15.3	14.4	14.1	14.4	16.6
55°	12.6	13.9	14.6	16.8	18.8	20.2	21.1	22.0	23.2	24.7	26.4
52.5°	17.9	19.6	20.9	22.9	25.3	26.2	26.0	29.0	31.4	32.9	33.6
50°	24.5	26.6	29.7	32.9	34.3	35.7	37.1	39.6	43.2	47.8	50.4
47.5°	31.7	35.1	38.3	42.0	43.8	45.2	47.3	51.7	56.9	61.8	64.4
45°	38.1	41.2	44.9	48.0	50.3	53.0	56.1	60.1	65.9	71.0	74.6
42.5°	43.3	46.8	50.6	54.4	56.6	60.4	65.0	70.4	76.5	81.9	85.8
40°	50.6	53.5	59.6	63.2	64.1	67.6	76.8	84.2	91.1	97.7	101.0
37.5°	59.4	65.1	71.4	74.7	77.9	84.0	96.4	108.3	117.1	126.0	130.9
35°	69.4	76.9	85.5	89.3	96.2	109.5	124.1	140.6	161.2	169.8	177.7
32.5°	79.1	87.5	95.4	104.0	116.0	131.9	148.3	175.2	200.2	219.7	233.9
30°	87.8	96.6	106.4	117.5	134.4	156.3	183.7	218.5	253.9	284.7	310.8
27.5°	96.3	106.3	118.0	134.5	158.2	188.0	231.9	281.5	340.5	384.0	436.0
25°	105.6	117.0	132.1	156.0	188.1	232.6	302.7	383.2	480.0	558.5	640.7
22.5°	116.6	133.6	152.6	179.3	235.4	308.6	404.3	542.0	690.9	828.6	961.2
20°	130.0	153.1	183.7	232.9	304.8	413.0	579.4	799.1	1018.1	1251.4	1476.0
17.5°	149.0	182.4	229.8	299.9	394.7	608.7	878.7	1218.5	1655.1	2050.8	2396.2
15°	166.9	206.8	281.7	386.4	551.8	835.5	1245.4	1806.3	2486.7	3106.9	3761.9
12.5°	185.6	232.7	318.8	452.1	681.9	1051.3	1627.3	2395.9	3247.9	4182.5	5247.0
10°	200.5	257.7	360.7	529.7	813.0	1273.0	1959.1	2891.2	4023.4	5406.6	7108.3
7.5°	210.5	277.7	395.3	586.6	933.7	1499.7	2325.7	3446.1	4861.5	6693.9	9075.1
5°	218.3	292.9	421.3	638.4	1035.8	1672.8	2597.3	3931.9	5606.3	8061.4	12096.9
2.5°	224.6	304.6	437.4	674.1	1099.8	1793.3	2779.5	4206.8	6049.7	9072.4	14307.9
0°	229.5	315.2	447.9	696.1	1149.0	1805.3	2836.4	4257.1	6208.8	9254.9	14783.8
-2.5°	231.6	320.8	451.5	700.9	1144.0	1826.0	2853.8	4297.3	6202.8	9154.9	14252.3
-5°	235.1	320.7	448.8	696.0	1118.4	1772.5	2740.4	4072.4	5828.6	8367.5	12543.7
-7.5°	237.6	315.6	435.8	664.5	1051.3	1656.9	2541.3	3699.9	5147.5	7075.3	9661.8
-10°	235.3	305.8	414.2	611.6	946.9	1471.4	2238.4	3208.1	4411.2	5839.9	7597.1
-12.5°	226.5	287.7	378.8	537.5	811.7	1263.5	1933.8	2759.4	3649.9	4653.2	5867.5
-15°	215.3	268.1	347.0	486.6	711.4	1057.6	1546.9	2216.6	2931.0	3692.8	4505.1
-17.5°	206.6	251.0	316.3	417.3	582.7	857.9	1242.5	1718.3	2243.2	2823.2	3304.6
-20°	194.8	229.9	284.7	367.2	493.4	675.7	955.8	1301.4	1647.8	2055.6	2388.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	182.9	213.5	255.2	315.6	409.5	547.2	720.3	951.1	1204.4	1438.5	1668.9
-25°	172.0	195.5	229.2	278.8	342.5	436.5	559.6	692.0	859.0	1001.5	1159.6
-27.5°	163.1	183.3	208.2	244.5	294.0	354.4	442.6	531.4	619.1	691.1	799.9
-30°	154.5	170.8	191.6	217.5	254.6	301.2	358.4	415.9	466.6	512.9	569.5
-32.5°	146.1	159.3	175.3	196.8	223.4	258.4	293.6	334.8	370.0	402.5	432.6
-35°	137.6	149.4	161.6	179.7	200.9	225.8	251.4	279.3	303.7	325.6	345.0
-37.5°	130.0	140.4	151.8	165.3	182.4	201.1	222.0	242.3	258.4	272.6	284.4
-40°	123.6	133.0	142.8	153.6	166.6	181.4	199.1	216.1	227.3	236.0	243.1
-42.5°	117.9	126.1	134.4	143.6	153.6	166.4	180.4	194.4	202.0	208.7	213.9
-45°	113.3	119.6	126.6	134.4	143.2	154.0	165.0	174.6	181.5	187.2	191.5
-47.5°	107.1	113.3	119.4	125.8	134.0	143.0	152.1	159.5	165.5	170.5	173.8
-50°	100.4	106.9	112.4	118.1	125.7	133.3	140.6	146.7	152.4	157.4	159.9
-52.5°	93.4	100.4	106.2	111.8	118.2	124.7	131.3	136.6	141.6	146.2	148.2
-55°	88.5	94.8	100.8	106.1	111.4	116.7	122.1	127.5	132.4	136.8	138.1
-57.5°	83.1	89.6	95.5	100.2	104.9	109.7	114.7	119.6	124.3	128.5	129.6
-60°	76.5	83.5	88.8	93.2	97.8	102.6	106.9	111.2	115.6	119.3	120.5
-62.5°	68.1	74.5	79.7	84.4	88.8	92.9	97.1	101.2	105.2	108.1	109.1
-65°	58.0	63.5	68.9	73.7	78.1	82.1	85.9	89.7	93.3	95.9	97.2
-67.5°	50.1	54.0	58.4	62.6	67.0	71.0	74.5	77.8	80.9	83.1	84.4
-70°	42.5	46.2	50.3	54.3	58.1	61.4	64.2	66.9	69.5	71.4	72.9
-72.5°	35.2	38.3	41.7	45.2	48.7	51.7	54.3	56.7	58.9	60.6	61.9
-75°	28.6	31.2	34.0	36.9	39.7	42.1	44.2	46.3	48.3	49.8	51.0
-77.5°	22.6	24.8	27.1	29.3	31.6	33.3	34.9	36.4	37.9	39.0	40.1
-80°	16.8	18.5	20.3	22.1	23.9	25.2	26.4	27.5	28.5	29.2	29.8
-82.5°	11.5	12.7	13.9	15.2	16.4	17.4	18.4	19.3	20.2	20.5	20.7
-85°	7.3	8.0	8.6	9.3	10.0	10.5	11.0	11.5	12.0	12.4	12.8
-87.5°	4.1	4.2	4.3	4.4	4.5	4.9	5.3	5.6	6.0	6.1	6.1
-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: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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	0.1	0.3
62.5°	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.9	1.1
60°	4.2	3.8	3.7	3.7	3.7	3.8	4.2	4.5	4.5	5.3	5.5
57.5°	18.8	21.0	21.6	21.1	21.6	21.0	18.8	16.6	14.4	14.1	14.4
55°	27.4	28.1	28.4	28.5	28.4	28.1	27.4	26.4	24.7	23.2	22.0
52.5°	33.7	33.5	33.4	33.5	33.4	33.5	33.7	33.6	32.9	31.4	29.0
50°	50.6	49.7	49.3	49.6	49.3	49.7	50.6	50.4	47.8	43.2	39.6
47.5°	64.7	65.0	65.5	65.8	65.5	65.0	64.7	64.4	61.8	56.9	51.7
45°	75.6	76.2	76.7	76.9	76.7	76.2	75.6	74.6	71.0	65.9	60.1
42.5°	86.7	86.8	86.7	86.9	86.7	86.8	86.7	85.8	81.9	76.5	70.4
40°	102.3	102.6	102.3	101.7	102.3	102.6	102.3	101.0	97.7	91.1	84.2
37.5°	133.7	134.2	132.7	131.5	132.7	134.2	133.7	130.9	126.0	117.1	108.3
35°	184.9	190.2	192.7	193.6	192.7	190.2	184.9	177.7	169.8	161.2	140.6
32.5°	243.7	251.1	254.8	258.1	254.8	251.1	243.7	233.9	219.7	200.2	175.2
30°	328.0	341.6	347.6	356.1	347.6	341.6	328.0	310.8	284.7	253.9	218.5
27.5°	465.4	489.4	502.6	514.9	502.6	489.4	465.4	436.0	384.0	340.5	281.5
25°	700.4	746.5	776.3	790.4	776.3	746.5	700.4	640.7	558.5	480.0	383.2
22.5°	1089.5	1174.5	1240.0	1253.2	1240.0	1174.5	1089.5	961.2	828.6	690.9	542.0
20°	1693.9	1815.4	1914.4	1964.1	1914.4	1815.4	1693.9	1476.0	1251.4	1018.1	799.1
17.5°	2807.7	3060.5	3176.0	3195.0	3176.0	3060.5	2807.7	2396.2	2050.8	1655.1	1218.5
15°	4464.6	4892.5	5164.1	5339.0	5164.1	4892.5	4464.6	3761.9	3106.9	2486.7	1806.3
12.5°	6355.2	7571.0	8262.8	8526.6	8262.8	7571.0	6355.2	5247.0	4182.5	3247.9	2395.9
10°	8921.1	11783.3	13434.3	14265.1	13434.3	11783.3	8921.1	7108.3	5406.6	4023.4	2891.2
7.5°	13276.1	17696.8	22594.7	24860.7	22594.7	17696.8	13276.1	9075.1	6693.9	4861.5	3446.1
5°	17854.2	27560.2	36079.3	40158.8	36079.3	27560.2	17854.2	12096.9	8061.4	5606.3	3931.9
2.5°	23116.0	36205.5	48307.8	53396.6	48307.8	36205.5	23116.0	14307.9	9072.4	6049.7	4206.8
0°	25141.1	40388.3	53624.2	58618.9	53624.2	40388.3	25141.1	14783.8	9254.9	6208.8	4257.1
-2.5°	23429.1	36839.6	48515.7	54222.8	48515.7	36839.6	23429.1	14252.3	9154.9	6202.8	4297.3
-5°	18615.6	27712.1	36359.4	41009.9	36359.4	27712.1	18615.6	12543.7	8367.5	5828.6	4072.4
-7.5°	13662.7	18614.7	23417.1	25096.4	23417.1	18614.7	13662.7	9661.8	7075.3	5147.5	3699.9
-10°	9512.3	12347.9	14219.8	14754.0	14219.8	12347.9	9512.3	7597.1	5839.9	4411.2	3208.1
-12.5°	7052.4	8292.7	9155.7	9305.8	9155.7	8292.7	7052.4	5867.5	4653.2	3649.9	2759.4
-15°	5222.1	5852.9	6298.0	6327.9	6298.0	5852.9	5222.1	4505.1	3692.8	2931.0	2216.6
-17.5°	3817.4	4240.8	4465.4	4449.4	4465.4	4240.8	3817.4	3304.6	2823.2	2243.2	1718.3
-20°	2729.6	2984.8	3165.9	3130.5	3165.9	2984.8	2729.6	2388.1	2055.6	1647.8	1301.4



REPORT NUMBER: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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°	1903.3	2072.7	2178.8	2151.5	2178.8	2072.7	1903.3	1668.9	1438.5	1204.4	951.1
-25°	1293.3	1385.6	1438.1	1429.4	1438.1	1385.6	1293.3	1159.6	1001.5	859.0	692.0
-27.5°	881.3	930.0	946.3	945.5	946.3	930.0	881.3	799.9	691.1	619.1	531.4
-30°	611.7	644.4	663.2	651.4	663.2	644.4	611.7	569.5	512.9	466.6	415.9
-32.5°	455.9	474.4	485.1	474.0	485.1	474.4	455.9	432.6	402.5	370.0	334.8
-35°	359.3	368.7	372.4	366.0	372.4	368.7	359.3	345.0	325.6	303.7	279.3
-37.5°	292.9	298.4	300.2	296.5	300.2	298.4	292.9	284.4	272.6	258.4	242.3
-40°	248.2	251.6	252.4	249.4	252.4	251.6	248.2	243.1	236.0	227.3	216.1
-42.5°	217.2	219.2	219.7	218.4	219.7	219.2	217.2	213.9	208.7	202.0	194.4
-45°	194.1	195.8	196.1	194.8	196.1	195.8	194.1	191.5	187.2	181.5	174.6
-47.5°	175.4	176.4	176.7	176.2	176.7	176.4	175.4	173.8	170.5	165.5	159.5
-50°	161.1	161.8	161.9	161.3	161.9	161.8	161.1	159.9	157.4	152.4	146.7
-52.5°	149.1	149.6	149.9	150.1	149.9	149.6	149.1	148.2	146.2	141.6	136.6
-55°	139.0	139.7	140.1	140.2	140.1	139.7	139.0	138.1	136.8	132.4	127.5
-57.5°	130.4	131.0	131.4	131.5	131.4	131.0	130.4	129.6	128.5	124.3	119.6
-60°	121.5	122.2	122.6	122.8	122.6	122.2	121.5	120.5	119.3	115.6	111.2
-62.5°	109.7	110.0	110.3	110.4	110.3	110.0	109.7	109.1	108.1	105.2	101.2
-65°	98.1	98.8	99.2	99.3	99.2	98.8	98.1	97.2	95.9	93.3	89.7
-67.5°	85.6	86.4	87.3	88.1	87.3	86.4	85.6	84.4	83.1	80.9	77.8
-70°	74.2	75.3	75.6	75.7	75.6	75.3	74.2	72.9	71.4	69.5	66.9
-72.5°	63.1	64.1	65.0	65.8	65.0	64.1	63.1	61.9	60.6	58.9	56.7
-75°	52.1	53.1	53.3	53.4	53.3	53.1	52.1	51.0	49.8	48.3	46.3
-77.5°	41.1	42.0	42.1	42.2	42.1	42.0	41.1	40.1	39.0	37.9	36.4
-80°	30.4	30.8	31.6	32.3	31.6	30.8	30.4	29.8	29.2	28.5	27.5
-82.5°	20.9	21.0	21.1	21.1	21.1	21.0	20.9	20.7	20.5	20.2	19.3
-85°	13.2	13.5	13.6	13.6	13.6	13.5	13.2	12.8	12.4	12.0	11.5
-87.5°	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	5.6
-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: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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	0.1
65°	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3
62.5°	1.2	1.3	1.4	1.3	1.0	0.6	0.7	0.9	0.6	0.1	0.4
60°	4.7	3.0	4.2	4.6	4.1	2.9	3.0	2.8	2.3	1.8	1.2
57.5°	15.3	14.8	12.1	10.5	10.0	8.8	7.3	5.8	5.1	4.1	2.9
55°	21.1	20.2	18.8	16.8	14.6	13.9	12.6	10.8	9.1	7.0	5.7
52.5°	26.0	26.2	25.3	22.9	20.9	19.6	17.9	16.2	14.0	12.1	9.4
50°	37.1	35.7	34.3	32.9	29.7	26.6	24.5	22.2	19.2	16.9	14.7
47.5°	47.3	45.2	43.8	42.0	38.3	35.1	31.7	28.3	24.6	21.1	18.9
45°	56.1	53.0	50.3	48.0	44.9	41.2	38.1	34.5	30.2	26.1	22.2
42.5°	65.0	60.4	56.6	54.4	50.6	46.8	43.3	40.5	35.9	31.1	27.2
40°	76.8	67.6	64.1	63.2	59.6	53.5	50.6	47.5	42.6	36.4	32.5
37.5°	96.4	84.0	77.9	74.7	71.4	65.1	59.4	55.4	50.9	43.9	38.5
35°	124.1	109.5	96.2	89.3	85.5	76.9	69.4	63.8	58.5	51.8	44.8
32.5°	148.3	131.9	116.0	104.0	95.4	87.5	79.1	72.2	65.2	58.4	51.5
30°	183.7	156.3	134.4	117.5	106.4	96.6	87.8	79.4	71.5	64.3	57.4
27.5°	231.9	188.0	158.2	134.5	118.0	106.3	96.3	86.5	77.5	69.8	62.6
25°	302.7	232.6	188.1	156.0	132.1	117.0	105.6	94.3	83.8	75.0	68.9
22.5°	404.3	308.6	235.4	179.3	152.6	133.6	116.6	102.4	90.5	82.6	75.5
20°	579.4	413.0	304.8	232.9	183.7	153.1	130.0	113.3	101.1	91.0	82.1
17.5°	878.7	608.7	394.7	299.9	229.8	182.4	149.0	126.9	111.5	99.4	88.8
15°	1245.4	835.5	551.8	386.4	281.7	206.8	166.9	140.3	122.2	108.2	95.5
12.5°	1627.3	1051.3	681.9	452.1	318.8	232.7	185.6	155.7	132.9	114.6	99.9
10°	1959.1	1273.0	813.0	529.7	360.7	257.7	200.5	165.3	139.2	119.1	103.7
7.5°	2325.7	1499.7	933.7	586.6	395.3	277.7	210.5	171.8	144.5	122.9	106.8
5°	2597.3	1672.8	1035.8	638.4	421.3	292.9	218.3	176.5	148.6	126.0	109.2
2.5°	2779.5	1793.3	1099.8	674.1	437.4	304.6	224.6	180.8	151.8	129.1	112.0
0°	2836.4	1805.3	1149.0	696.1	447.9	315.2	229.5	184.9	153.9	131.5	114.2
-2.5°	2853.8	1826.0	1144.0	700.9	451.5	320.8	231.6	185.7	155.5	132.4	114.5
-5°	2740.4	1772.5	1118.4	696.0	448.8	320.7	235.1	187.0	156.4	132.8	114.2
-7.5°	2541.3	1656.9	1051.3	664.5	435.8	315.6	237.6	188.7	157.2	133.7	115.1
-10°	2238.4	1471.4	946.9	611.6	414.2	305.8	235.3	187.8	156.7	133.6	115.3
-12.5°	1933.8	1263.5	811.7	537.5	378.8	287.7	226.5	183.9	154.7	132.2	114.7
-15°	1546.9	1057.6	711.4	486.6	347.0	268.1	215.3	177.9	151.4	129.7	113.4
-17.5°	1242.5	857.9	582.7	417.3	316.3	251.0	206.6	173.0	147.5	127.2	111.7
-20°	955.8	675.7	493.4	367.2	284.7	229.9	194.8	165.8	143.0	124.6	110.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	720.3	547.2	409.5	315.6	255.2	213.5	182.9	157.8	137.5	121.0	107.8
-25°	559.6	436.5	342.5	278.8	229.2	195.5	172.0	151.5	133.2	117.3	105.2
-27.5°	442.6	354.4	294.0	244.5	208.2	183.3	163.1	144.9	128.6	114.5	102.6
-30°	358.4	301.2	254.6	217.5	191.6	170.8	154.5	139.3	124.2	110.9	99.7
-32.5°	293.6	258.4	223.4	196.8	175.3	159.3	146.1	133.3	118.9	107.3	96.7
-35°	251.4	225.8	200.9	179.7	161.6	149.4	137.6	125.7	114.0	103.1	93.4
-37.5°	222.0	201.1	182.4	165.3	151.8	140.4	130.0	119.4	108.8	98.9	89.9
-40°	199.1	181.4	166.6	153.6	142.8	133.0	123.6	113.8	104.4	94.4	86.1
-42.5°	180.4	166.4	153.6	143.6	134.4	126.1	117.9	109.3	100.1	90.7	81.8
-45°	165.0	154.0	143.2	134.4	126.6	119.6	113.3	104.7	95.7	86.2	77.2
-47.5°	152.1	143.0	134.0	125.8	119.4	113.3	107.1	99.6	90.1	81.2	73.6
-50°	140.6	133.3	125.7	118.1	112.4	106.9	100.4	92.5	84.3	77.0	69.8
-52.5°	131.3	124.7	118.2	111.8	106.2	100.4	93.4	86.7	79.7	72.8	66.2
-55°	122.1	116.7	111.4	106.1	100.8	94.8	88.5	81.7	74.9	68.5	61.7
-57.5°	114.7	109.7	104.9	100.2	95.5	89.6	83.1	76.5	69.4	62.9	56.5
-60°	106.9	102.6	97.8	93.2	88.8	83.5	76.5	69.6	63.1	57.0	50.8
-62.5°	97.1	92.9	88.8	84.4	79.7	74.5	68.1	61.8	56.1	50.8	45.3
-65°	85.9	82.1	78.1	73.7	68.9	63.5	58.0	53.4	49.1	44.5	39.7
-67.5°	74.5	71.0	67.0	62.6	58.4	54.0	50.1	46.2	42.1	37.9	33.6
-70°	64.2	61.4	58.1	54.3	50.3	46.2	42.5	38.8	35.1	31.6	28.2
-72.5°	54.3	51.7	48.7	45.2	41.7	38.3	35.2	32.2	29.2	26.3	23.3
-75°	44.2	42.1	39.7	36.9	34.0	31.2	28.6	26.1	23.6	21.1	18.6
-77.5°	34.9	33.3	31.6	29.3	27.1	24.8	22.6	20.4	18.4	16.5	14.7
-80°	26.4	25.2	23.9	22.1	20.3	18.5	16.8	15.3	13.9	12.6	11.4
-82.5°	18.4	17.4	16.4	15.2	13.9	12.7	11.5	10.6	9.7	8.8	8.0
-85°	11.0	10.5	10.0	9.3	8.6	8.0	7.3	6.8	6.3	5.8	5.2
-87.5°	5.3	4.9	4.5	4.4	4.3	4.2	4.1	3.7	3.3	3.0	2.6
-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: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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	0.0	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.1
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.4	0.5	0.4
67.5°	0.0	0.0	0.0	0.3	0.4	0.3	0.1	0.2	0.5	0.8	0.7
65°	0.4	0.3	0.0	0.3	0.6	0.8	0.6	0.4	0.5	0.8	1.0
62.5°	0.7	0.9	0.7	0.5	0.7	0.9	1.1	0.8	0.6	0.9	1.1
60°	0.8	1.1	1.2	1.0	0.8	1.0	1.2	1.1	0.9	0.9	1.2
57.5°	2.2	1.4	1.4	1.3	1.1	1.1	1.2	1.2	1.1	1.0	1.2
55°	4.0	2.9	2.1	1.7	1.4	1.2	1.2	1.2	1.2	1.1	1.2
52.5°	7.1	5.1	3.7	2.5	1.9	1.4	1.4	1.2	1.2	1.2	1.2
50°	11.2	8.1	5.9	4.3	2.7	2.1	1.6	1.4	1.2	1.2	1.2
47.5°	16.4	12.1	8.6	6.2	4.4	2.8	2.2	1.7	1.2	1.2	1.2
45°	20.3	16.9	12.1	8.7	6.1	4.2	3.0	2.0	1.5	1.2	1.2
42.5°	24.0	20.9	16.4	11.2	8.4	5.8	3.8	2.8	1.9	1.3	1.2
40°	28.8	25.0	20.6	15.2	11.0	7.4	5.2	3.6	2.3	1.6	1.4
37.5°	33.8	29.5	24.6	19.1	13.8	9.8	6.6	4.4	2.9	2.0	1.5
35°	39.4	34.2	28.7	22.9	17.2	12.3	7.9	5.4	3.7	2.5	1.6
32.5°	45.0	38.7	32.5	26.5	20.4	14.8	9.8	6.7	4.4	3.0	1.8
30°	50.5	43.2	36.0	29.9	23.4	17.6	12.1	8.0	5.2	3.5	2.1
27.5°	55.5	47.6	39.3	33.0	26.4	20.1	14.5	9.5	5.8	4.0	2.5
25°	60.7	52.0	43.2	35.7	29.3	22.7	16.7	11.1	6.9	4.6	2.9
22.5°	66.6	56.5	47.0	38.2	32.3	25.2	18.8	13.0	8.1	5.2	3.3
20°	73.0	61.0	50.7	41.7	35.1	27.8	20.9	14.8	9.4	5.7	3.7
17.5°	79.5	65.9	55.2	45.8	37.8	30.2	22.9	16.4	10.7	6.2	4.1
15°	83.9	70.8	59.3	49.5	40.6	32.4	24.8	17.8	11.9	6.6	4.5
12.5°	87.6	75.0	62.9	53.0	43.3	34.5	26.5	19.1	13.1	7.3	4.8
10°	90.8	78.5	66.0	56.2	46.0	36.3	28.1	20.3	14.3	8.1	5.2
7.5°	93.7	81.5	68.7	59.0	48.5	38.2	29.5	21.3	15.3	8.9	5.5
5°	96.0	84.0	70.9	60.9	50.8	40.1	30.6	22.2	16.1	9.7	5.8
2.5°	97.9	86.3	72.8	62.3	52.9	41.9	31.6	23.0	16.8	10.5	6.0
0°	99.3	88.1	74.4	63.3	54.6	43.4	32.3	23.6	17.4	11.2	6.2
-2.5°	100.2	88.4	76.1	64.5	55.6	44.7	33.8	24.4	17.9	11.8	6.6
-5°	100.5	88.3	77.4	65.4	56.4	45.8	35.1	25.0	18.2	12.4	6.9
-7.5°	101.1	88.7	78.1	66.0	56.9	46.6	36.0	25.5	18.5	12.8	7.2
-10°	101.3	89.2	78.3	66.9	57.3	47.2	36.7	25.8	18.7	13.1	7.5
-12.5°	101.0	89.1	78.3	67.4	57.5	47.5	37.0	26.3	18.9	13.3	7.7
-15°	100.2	88.6	78.1	67.5	57.5	47.6	37.1	26.8	19.3	13.4	7.9
-17.5°	99.0	87.6	77.8	67.1	57.2	47.5	37.0	27.0	19.5	13.3	8.1
-20°	97.8	86.7	77.4	66.2	56.8	47.3	36.6	26.9	19.4	13.1	8.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	96.2	85.8	76.0	65.3	56.2	46.8	36.1	26.6	19.2	12.8	8.4
-25°	94.1	84.5	74.4	64.6	55.4	45.9	35.5	26.1	18.8	12.4	8.4
-27.5°	92.1	82.7	72.8	63.6	54.3	44.9	34.7	25.5	18.1	11.9	8.4
-30°	89.8	80.6	71.3	62.3	52.8	43.4	33.6	24.6	17.5	11.7	8.3
-32.5°	87.2	78.5	69.7	60.3	50.9	41.7	32.1	23.5	16.7	11.5	8.2
-35°	84.5	76.2	67.7	57.8	48.9	39.9	30.7	22.0	15.8	11.3	8.1
-37.5°	81.5	73.4	64.5	55.1	46.7	37.9	29.3	21.1	14.8	11.0	7.9
-40°	78.0	69.9	60.8	52.6	44.4	35.8	27.8	20.3	14.2	10.5	7.7
-42.5°	74.0	66.0	57.9	50.0	42.0	34.1	26.3	19.4	13.9	10.2	7.5
-45°	70.0	62.4	55.1	47.4	39.6	32.2	25.0	18.3	13.5	9.9	7.3
-47.5°	66.2	59.5	52.1	44.5	37.5	30.4	23.5	17.6	12.9	9.6	7.0
-50°	63.1	56.2	48.9	41.7	35.0	28.4	21.9	16.7	12.4	9.2	6.7
-52.5°	59.4	52.5	45.3	38.5	32.4	26.3	20.6	15.6	11.7	8.7	6.4
-55°	55.0	48.2	41.3	35.3	29.6	24.3	19.1	14.5	10.8	8.2	5.9
-57.5°	50.0	43.3	37.7	32.2	26.9	22.0	17.3	13.1	10.0	7.6	5.5
-60°	44.7	39.3	34.2	28.9	24.0	19.5	15.3	11.7	9.2	7.0	4.9
-62.5°	40.1	35.1	30.1	25.3	20.9	16.9	13.2	10.7	8.3	6.2	4.4
-65°	34.9	30.2	25.7	21.7	17.8	14.4	11.9	9.5	7.4	5.5	3.8
-67.5°	29.3	25.5	21.7	18.1	15.2	12.7	10.4	8.3	6.4	4.6	3.5
-70°	24.7	21.2	18.1	15.5	13.1	10.9	8.9	7.0	5.3	4.1	3.2
-72.5°	20.4	17.7	15.2	13.0	11.0	9.1	7.3	5.8	4.6	3.6	2.8
-75°	16.3	14.3	12.3	10.5	8.7	7.2	6.0	4.8	3.9	3.1	2.5
-77.5°	13.0	11.3	9.5	8.2	7.1	6.0	4.9	3.9	3.2	2.7	2.1
-80°	10.0	8.8	7.7	6.8	5.8	4.8	4.0	3.3	2.8	2.3	1.7
-82.5°	7.2	6.5	6.0	5.4	4.7	4.0	3.3	2.8	2.3	1.9	1.4
-85°	4.9	4.6	4.3	4.1	3.5	3.1	2.6	2.1	1.7	1.3	0.9
-87.5°	2.5	2.4	2.3	2.1	1.8	1.5	1.3	1.1	0.8	0.6	0.5
-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: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.2	0.0
72.5°	0.1	0.2	0.1	0.0	0.0	0.2	0.0
70°	0.1	0.3	0.2	0.0	0.0	0.2	0.0
67.5°	0.4	0.4	0.4	0.1	0.1	0.2	0.0
65°	0.7	0.5	0.5	0.3	0.1	0.3	0.0
62.5°	0.9	0.7	0.6	0.4	0.1	0.3	0.0
60°	1.2	0.8	0.8	0.5	0.2	0.3	0.0
57.5°	1.2	1.0	0.8	0.6	0.3	0.4	0.0
55°	1.2	1.1	0.9	0.8	0.4	0.4	0.0
52.5°	1.2	1.2	1.0	0.9	0.5	0.4	0.0
50°	1.2	1.2	1.1	1.0	0.5	0.5	0.0
47.5°	1.2	1.2	1.1	1.1	0.6	0.5	0.0
45°	1.2	1.2	1.2	1.2	0.7	0.5	0.0
42.5°	1.2	1.2	1.2	1.2	0.8	0.6	0.0
40°	1.2	1.2	1.2	1.2	0.8	0.6	0.0
37.5°	1.2	1.2	1.2	1.2	0.9	0.7	0.0
35°	1.2	1.2	1.2	1.2	1.0	0.7	0.0
32.5°	1.2	1.2	1.2	1.2	1.0	0.7	0.0
30°	1.4	1.2	1.2	1.2	1.0	0.8	0.0
27.5°	1.5	1.2	1.2	1.2	1.1	0.8	0.0
25°	1.7	1.2	1.2	1.2	1.1	0.9	0.0
22.5°	1.8	1.2	1.2	1.2	1.1	0.9	0.0
20°	2.0	1.3	1.2	1.2	1.2	0.9	0.0
17.5°	2.2	1.4	1.2	1.2	1.2	1.0	0.0
15°	2.5	1.6	1.2	1.2	1.2	1.0	0.0
12.5°	2.7	1.7	1.2	1.2	1.2	1.0	0.0
10°	2.9	1.9	1.2	1.2	1.2	1.1	0.0
7.5°	3.2	2.0	1.2	1.2	1.2	1.1	0.0
5°	3.4	2.2	1.2	1.2	1.2	1.1	0.0
2.5°	3.5	2.4	1.2	1.2	1.2	1.2	0.0
0°	3.7	2.5	1.2	1.2	1.2	1.2	0.0
-2.5°	4.0	2.6	1.3	1.2	1.2	1.2	0.0
-5°	4.3	2.7	1.4	1.2	1.2	1.2	0.0
-7.5°	4.6	2.8	1.5	1.2	1.2	1.2	0.0
-10°	4.9	2.9	1.6	1.2	1.2	1.2	0.0
-12.5°	5.1	3.0	1.7	1.2	1.2	1.2	0.0
-15°	5.2	3.1	1.8	1.2	1.2	1.2	0.0
-17.5°	5.3	3.1	1.8	1.2	1.2	1.1	0.0
-20°	5.4	3.2	1.9	1.2	1.2	1.1	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626688 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	5.5	3.2	1.9	1.2	1.2	1.1	0.0
-25°	5.5	3.3	1.9	1.2	1.2	1.1	0.0
-27.5°	5.5	3.4	1.9	1.2	1.2	1.1	0.0
-30°	5.5	3.4	1.8	1.2	1.2	1.0	0.0
-32.5°	5.4	3.5	1.8	1.2	1.2	1.0	0.0
-35°	5.4	3.5	1.8	1.2	1.2	1.0	0.0
-37.5°	5.4	3.4	1.7	1.2	1.2	1.0	0.0
-40°	5.3	3.3	1.7	1.2	1.2	0.9	0.0
-42.5°	5.2	3.2	1.6	1.2	1.2	0.9	0.0
-45°	5.0	3.1	1.7	1.2	1.2	0.8	0.0
-47.5°	4.8	2.9	1.7	1.3	1.2	0.8	0.0
-50°	4.6	2.7	1.7	1.3	1.2	0.8	0.0
-52.5°	4.3	2.5	1.7	1.3	1.2	0.7	0.0
-55°	4.0	2.4	1.7	1.3	1.2	0.7	0.0
-57.5°	3.6	2.4	1.7	1.3	1.2	0.6	0.0
-60°	3.2	2.3	1.7	1.3	1.2	0.6	0.0
-62.5°	3.0	2.2	1.6	1.3	1.1	0.6	0.0
-65°	2.9	2.1	1.6	1.3	1.0	0.5	0.0
-67.5°	2.6	2.0	1.5	1.2	0.9	0.5	0.0
-70°	2.4	1.8	1.4	1.2	0.8	0.4	0.0
-72.5°	2.2	1.6	1.3	1.1	0.7	0.4	0.0
-75°	1.9	1.5	1.2	0.9	0.6	0.3	0.0
-77.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-80°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)