

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: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627368 (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-SA4C-722-U-NR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

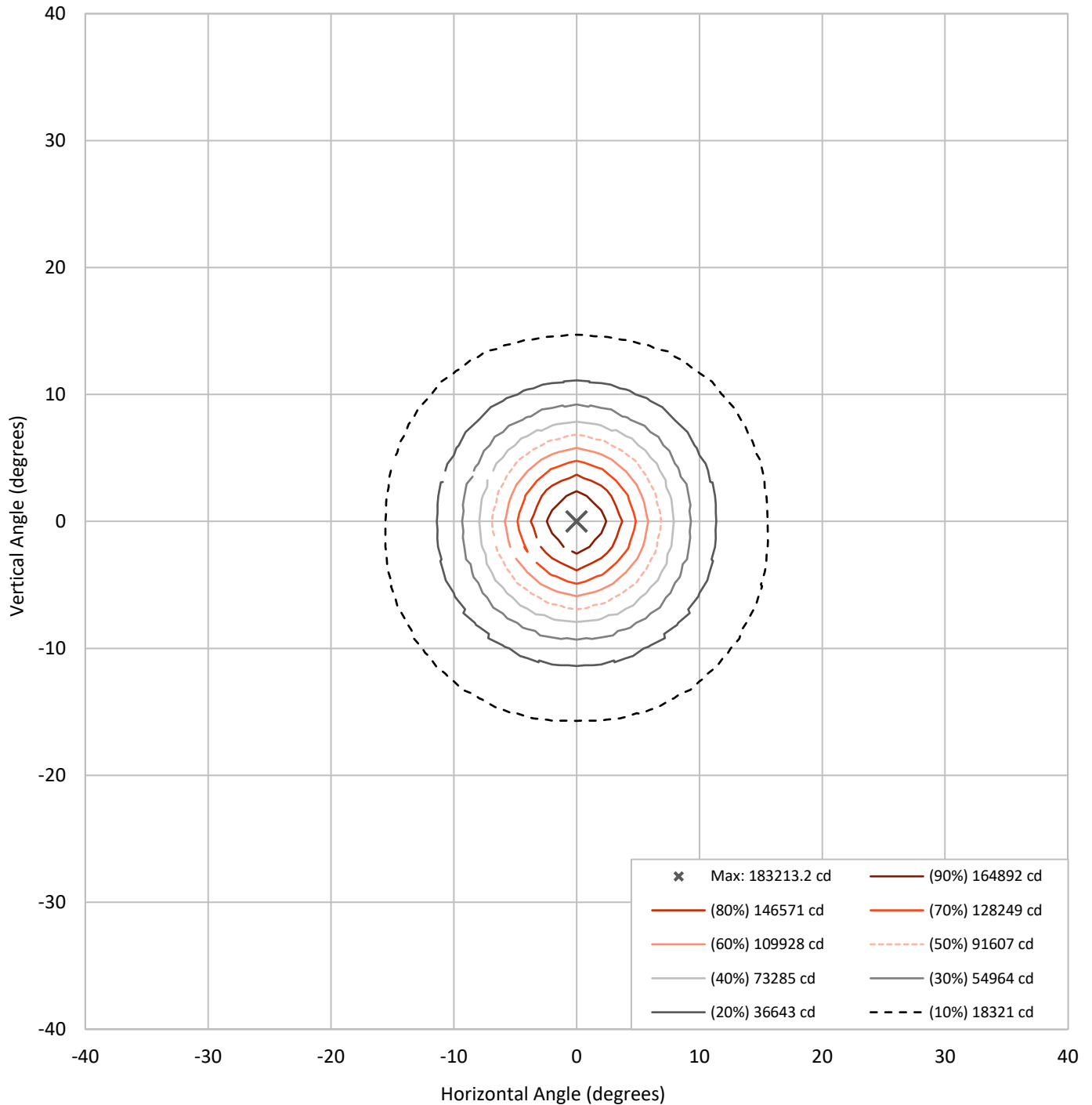
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	18074.3 lumens	Max Intensity:	183213.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	5770.2 lumens	Field Lumens:	12852 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	168.2		
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: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-722-U-NR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)

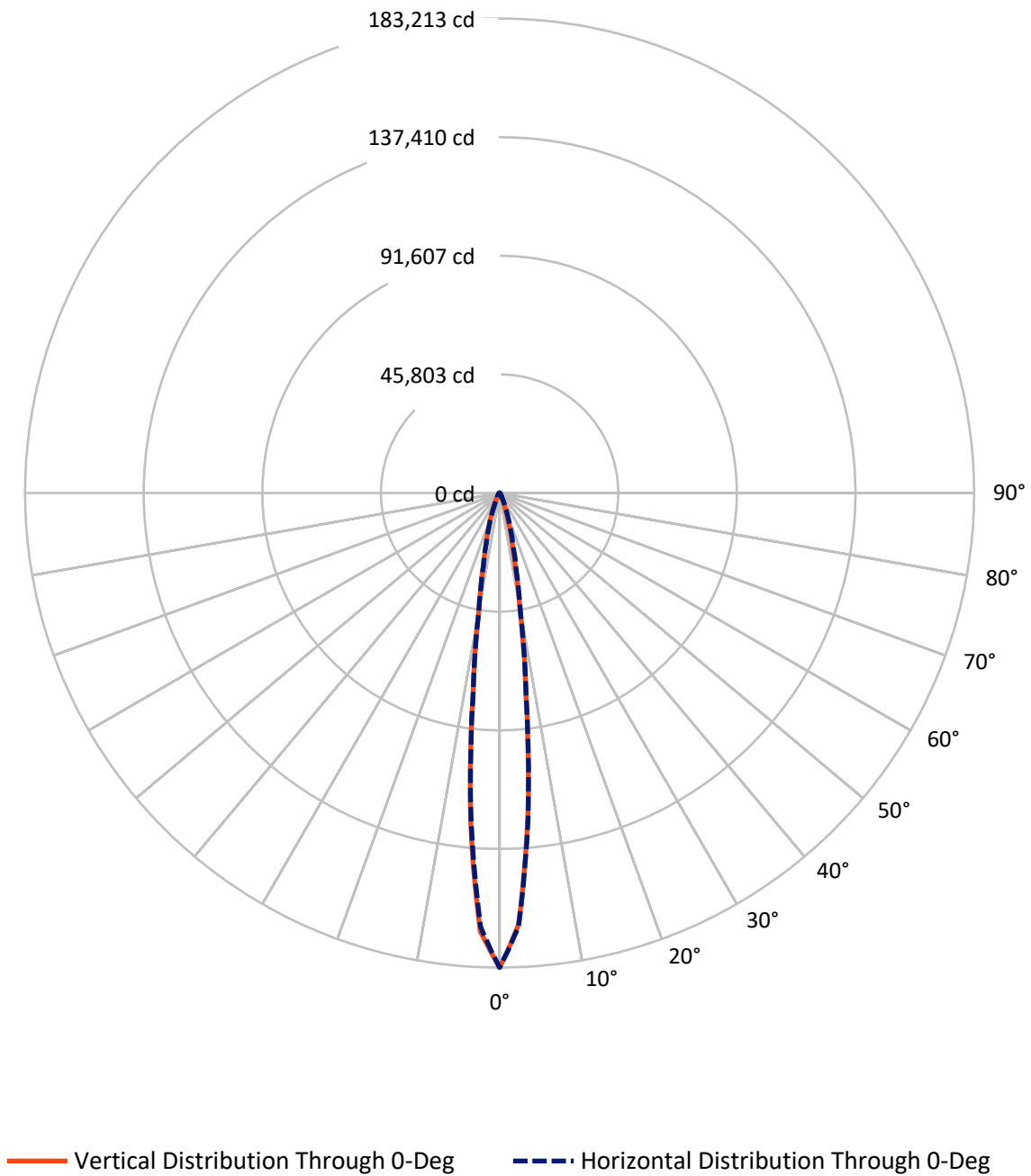
CATALOG NUMBER: GFLD-SA4C-722-U-NR-VSR-XX

Lumen Table

90																			
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				
70																			
60	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0				
50		0.1	0.1	0.4	1.0	1.6	2.1	2.6	2.6	2.1	1.6	1.0	0.4	0.1	0.1				
40	0.1	0.1	0.5	1.6	2.9	4.3	6.1	7.2	7.2	6.1	4.3	2.9	1.6	0.5	0.1				
30		0.3	1.3	3.1	5.5	8.6	14.7	18.7	18.7	14.7	8.6	5.5	3.1	1.3	0.3				
20	0.2	0.5	2.0	4.6	8.5	18.4	49.1	81.3	81.3	49.1	18.4	8.5	4.6	2.0	0.5				
10		0.8	2.8	6.4	14.0	55.0	231.7	509.3	509.3	231.7	55.0	14.0	6.4	2.8	0.8				
0	0.3	1.0	3.4	7.6	19.0	103.2	555.2	2489.9	2489.9	555.2	103.2	19.0	7.6	3.4	1.0				
-10		1.1	3.7	8.0	20.4	109.9	574.7	2532.1	2532.1	574.7	109.9	20.4	8.0	3.7	1.1				
-20	0.3	1.2	3.7	7.8	17.9	69.9	279.0	596.7	596.7	279.0	69.9	17.9	7.8	3.7	1.2				
-30		1.1	3.6	7.2	13.8	32.7	85.9	143.3	143.3	85.9	32.7	13.8	7.2	3.6	1.1				
-40	0.3	1.0	3.2	6.3	10.8	17.9	29.2	37.1	37.1	29.2	17.9	10.8	6.3	3.2	1.0				
-50		0.8	2.6	5.3	8.7	12.5	16.9	18.8	18.8	16.9	12.5	8.7	5.3	2.6	0.8				
-60	0.2	0.6	2.0	4.1	6.9	9.6	12.2	13.3	13.3	12.2	9.6	6.9	4.1	2.0	0.6				
-70		0.4	1.2	2.7	4.6	6.7	8.5	9.3	9.3	8.5	6.7	4.6	2.7	1.2	0.4				
-80	0.1	1.1	4.6	10.0	12.7	10.0	4.6	1.1	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

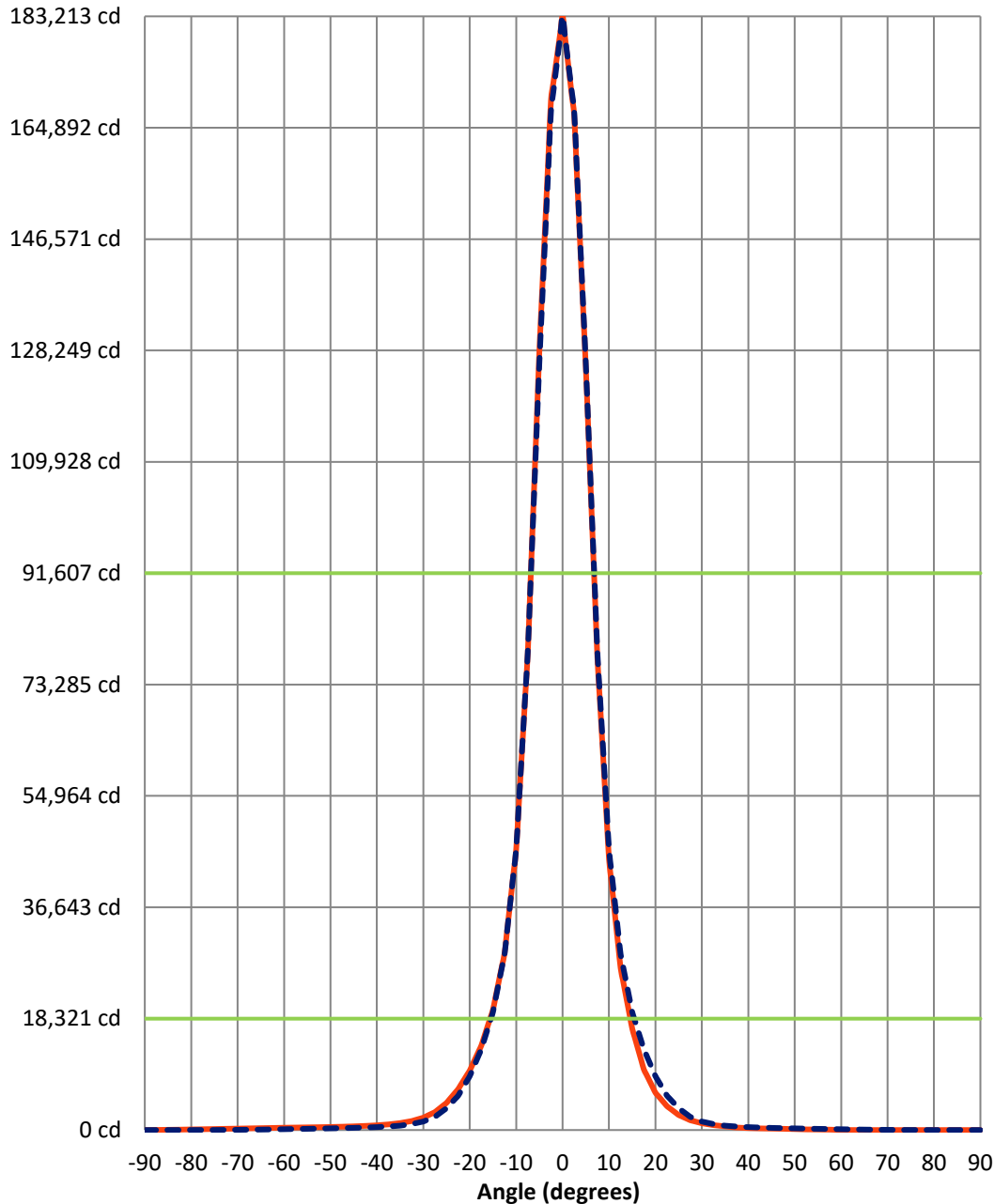
REPORT NUMBER: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-722-U-NR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-722-U-NR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 5770.2
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 12852
 Efficiency: 71.1%

Spill:
 Lumens: 5222.3
 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: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-NR-VSR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.5	0.1	0.0	0.1	0.3	0.1	0.0	0.1	0.3	0.2
72.5°	0.0	0.6	0.1	0.0	0.4	0.6	0.2	0.2	0.8	0.9	0.4
70°	0.0	0.7	0.2	0.1	0.8	0.9	0.5	1.2	1.6	1.5	0.5
67.5°	0.0	0.8	0.2	0.5	1.2	1.2	1.4	2.2	2.5	1.6	0.7
65°	0.0	0.9	0.3	0.8	1.6	1.7	2.3	3.2	2.6	1.7	1.2
62.5°	0.0	1.0	0.4	1.2	2.0	2.2	3.1	3.7	2.8	2.0	2.4
60°	0.0	1.1	0.5	1.6	2.4	2.7	3.8	3.8	2.9	2.8	3.6
57.5°	0.0	1.2	0.9	2.1	2.7	3.2	3.9	3.9	3.3	3.5	3.9
55°	0.0	1.3	1.2	2.5	3.0	3.6	3.9	3.9	3.6	3.9	3.9
52.5°	0.0	1.4	1.5	2.9	3.2	3.9	3.9	3.9	3.8	3.9	3.9
50°	0.0	1.5	1.8	3.3	3.4	3.9	3.9	3.9	3.9	3.9	4.5
47.5°	0.0	1.7	2.0	3.7	3.6	3.9	3.9	3.9	3.9	3.9	5.4
45°	0.0	1.8	2.3	3.8	3.8	3.9	3.9	3.9	4.0	4.8	6.4
42.5°	0.0	1.9	2.5	3.9	3.9	3.9	3.9	4.0	4.3	5.9	8.6
40°	0.0	2.0	2.7	3.9	3.9	3.9	3.9	4.4	5.0	7.2	11.1
37.5°	0.0	2.2	2.9	3.9	3.9	3.9	3.9	4.7	6.3	9.0	13.6
35°	0.0	2.3	3.1	3.9	3.9	3.9	3.9	5.2	7.8	11.4	16.7
32.5°	0.0	2.4	3.2	3.9	3.9	3.9	4.0	5.7	9.2	13.8	20.7
30°	0.0	2.5	3.4	3.9	3.9	3.9	4.4	6.5	10.8	16.1	25.1
27.5°	0.0	2.7	3.5	3.9	3.9	3.9	4.9	7.7	12.5	18.3	29.7
25°	0.0	2.8	3.6	3.9	3.9	3.9	5.3	9.0	14.3	21.5	34.8
22.5°	0.0	2.9	3.7	3.9	3.9	4.0	5.8	10.2	16.1	25.4	40.7
20°	0.0	3.0	3.7	3.9	3.9	4.3	6.3	11.5	17.8	29.4	46.2
17.5°	0.0	3.2	3.8	3.9	3.9	4.6	7.0	12.7	19.3	33.3	51.2
15°	0.0	3.3	3.8	3.9	3.9	5.0	7.8	13.9	20.8	37.3	55.7
12.5°	0.0	3.4	3.9	3.9	3.9	5.4	8.5	15.0	22.8	41.1	59.7
10°	0.0	3.5	3.9	3.9	3.9	5.9	9.2	16.1	25.3	44.6	63.3
7.5°	0.0	3.6	3.9	3.9	3.9	6.4	9.9	17.1	27.8	47.7	66.5
5°	0.0	3.7	3.9	3.9	3.9	6.9	10.5	18.0	30.3	50.3	69.3
2.5°	0.0	3.8	3.9	3.9	3.9	7.4	11.1	18.7	32.7	52.5	71.7
0°	0.0	3.9	3.9	3.9	3.9	7.8	11.6	19.4	34.9	54.3	73.7
-2.5°	0.0	3.9	3.9	3.9	4.2	8.2	12.6	20.6	36.9	55.7	76.2
-5°	0.0	3.9	3.9	3.9	4.6	8.6	13.6	21.6	38.6	56.8	78.2
-7.5°	0.0	3.9	3.9	3.9	4.9	8.9	14.4	22.6	40.0	57.7	79.8
-10°	0.0	3.8	3.9	3.9	5.2	9.2	15.2	23.4	41.0	58.3	80.7
-12.5°	0.0	3.8	3.9	3.9	5.4	9.4	15.8	24.1	41.6	58.9	82.2
-15°	0.0	3.8	3.9	3.9	5.7	9.6	16.3	24.7	41.7	60.1	83.6
-17.5°	0.0	3.7	3.9	3.9	5.8	9.8	16.7	25.3	41.4	60.7	84.3
-20°	0.0	3.7	3.9	3.9	5.9	9.9	16.9	25.8	40.8	60.7	84.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.6	3.9	3.9	6.0	10.0	17.1	26.1	39.9	60.0	83.2
-25°	0.0	3.5	3.9	3.9	6.0	10.3	17.2	26.3	38.7	58.6	81.4
-27.5°	0.0	3.5	3.9	3.9	5.9	10.5	17.2	26.2	37.2	56.6	79.6
-30°	0.0	3.4	3.9	3.9	5.7	10.7	17.1	25.9	36.4	54.5	77.0
-32.5°	0.0	3.3	3.9	3.9	5.7	10.8	16.9	25.6	35.9	52.1	73.3
-35°	0.0	3.2	3.9	3.9	5.6	10.8	16.8	25.2	35.2	49.3	68.6
-37.5°	0.0	3.1	3.9	3.9	5.5	10.7	16.8	24.8	34.2	46.2	66.0
-40°	0.0	3.0	3.9	3.9	5.3	10.5	16.6	24.2	32.9	44.2	63.5
-42.5°	0.0	2.9	3.9	3.9	5.2	10.2	16.2	23.5	31.8	43.3	60.5
-45°	0.0	2.8	3.9	4.0	5.4	9.7	15.8	22.7	30.9	42.0	57.2
-47.5°	0.0	2.6	3.9	4.1	5.5	9.2	15.1	22.0	29.8	40.2	55.0
-50°	0.0	2.5	3.9	4.2	5.5	8.6	14.4	21.0	28.7	38.7	52.2
-52.5°	0.0	2.4	3.9	4.2	5.5	7.9	13.4	19.9	27.3	36.5	48.8
-55°	0.0	2.2	3.9	4.2	5.5	7.7	12.4	18.6	25.6	33.8	45.2
-57.5°	0.0	2.1	3.9	4.2	5.4	7.5	11.2	17.1	23.8	31.4	41.0
-60°	0.0	1.9	3.9	4.2	5.3	7.3	10.0	15.4	21.8	28.8	36.7
-62.5°	0.0	1.8	3.6	4.1	5.2	7.0	9.5	13.6	19.5	26.1	33.4
-65°	0.0	1.6	3.3	4.1	5.0	6.6	9.0	12.0	17.1	23.1	29.8
-67.5°	0.0	1.5	3.0	4.0	4.8	6.2	8.3	11.0	14.5	19.9	26.0
-70°	0.0	1.3	2.7	3.9	4.5	5.7	7.6	10.0	13.0	16.6	22.0
-72.5°	0.0	1.2	2.3	3.5	4.2	5.2	6.8	8.8	11.3	14.4	18.0
-75°	0.0	1.0	2.0	3.0	4.0	4.7	5.9	7.7	9.6	12.2	15.2
-77.5°	0.0	0.8	1.7	2.5	3.4	4.1	5.0	6.6	8.4	10.1	12.2
-80°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	5.5	7.1	8.7	10.3
-82.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	4.3	5.9	7.3	8.7
-85°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.9	4.0	5.2	6.6
-87.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.5	2.0	2.6	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-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	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.1	1.3	0.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.9	2.5	1.9	1.0	0.1	0.9	1.3	1.0	0.1	0.0	0.0
62.5°	3.6	3.1	2.2	1.6	2.2	2.9	2.3	1.3	0.4	1.9	2.7
60°	3.9	3.3	2.7	3.1	3.9	3.5	2.6	3.8	5.7	7.2	8.7
57.5°	3.9	3.6	3.5	4.2	4.4	4.4	6.8	9.1	12.9	16.0	18.2
55°	4.0	3.9	4.4	5.3	6.5	9.3	12.6	17.8	22.0	28.4	33.9
52.5°	4.4	4.4	5.9	8.0	11.7	16.0	22.0	29.3	37.7	43.9	50.4
50°	5.1	6.5	8.3	13.3	18.5	25.2	35.1	45.8	52.8	59.8	69.2
47.5°	6.9	8.8	13.7	19.5	27.0	37.7	51.3	59.0	65.9	76.9	88.7
45°	9.3	13.2	19.2	27.2	37.6	52.6	63.3	69.6	81.6	94.3	107.7
42.5°	11.9	18.2	26.4	34.8	51.1	65.4	75.1	85.1	97.2	112.1	126.6
40°	16.1	23.1	34.2	47.5	64.1	78.0	90.2	101.7	113.5	133.0	148.5
37.5°	20.4	30.7	43.2	59.7	77.0	92.2	105.7	120.2	137.1	159.1	173.0
35°	24.6	38.4	53.8	71.3	89.7	106.9	123.2	140.1	162.0	182.8	199.5
32.5°	30.4	46.4	63.7	82.7	101.5	121.0	140.9	161.0	182.6	203.9	225.7
30°	37.8	54.9	73.1	93.5	112.4	135.0	158.0	179.3	201.1	223.4	248.1
27.5°	45.2	62.9	82.5	103.1	123.0	148.7	173.5	195.7	218.0	242.2	270.3
25°	52.1	70.9	91.4	111.7	135.1	162.7	189.8	215.5	234.4	261.9	294.7
22.5°	58.7	78.8	100.7	119.4	146.7	176.7	208.2	235.9	258.3	282.9	320.1
20°	65.2	86.8	109.5	130.4	158.4	190.6	228.1	256.6	284.4	316.0	354.0
17.5°	71.4	94.3	118.2	143.0	172.5	205.9	248.4	277.5	310.7	348.5	396.5
15°	77.3	101.3	126.8	154.7	185.3	221.2	262.2	298.5	338.2	381.9	438.5
12.5°	82.8	107.6	135.4	165.6	196.5	234.3	273.7	312.3	358.0	415.2	486.4
10°	87.9	113.4	143.6	175.5	206.2	245.5	283.9	324.1	372.3	435.1	516.6
7.5°	92.0	119.2	151.5	184.5	214.6	254.6	292.7	333.8	384.2	451.5	536.9
5°	95.6	125.2	158.8	190.4	221.6	262.5	300.1	341.4	393.7	464.4	551.5
2.5°	98.5	130.8	165.2	194.6	227.7	269.7	305.9	350.0	403.4	474.4	565.1
0°	100.8	135.7	170.6	197.8	232.7	275.3	310.2	356.8	411.1	480.9	577.8
-2.5°	105.5	139.7	173.9	201.4	238.0	276.2	313.0	357.8	414.0	485.9	580.2
-5°	109.5	143.0	176.2	204.2	242.0	276.2	314.3	357.0	414.9	488.8	584.4
-7.5°	112.5	145.5	177.8	206.4	244.2	277.4	316.0	359.7	418.0	491.4	589.9
-10°	114.5	147.3	179.1	209.2	244.7	278.8	316.7	360.3	417.5	489.7	586.9
-12.5°	115.5	148.4	179.7	210.7	244.6	278.6	315.8	358.6	413.2	483.6	574.9
-15°	115.8	148.8	179.6	210.9	244.0	277.0	313.3	354.5	405.5	473.2	556.1
-17.5°	115.5	148.6	178.9	209.6	243.1	273.8	309.4	349.0	397.7	461.0	540.8
-20°	114.5	147.7	177.5	206.8	241.8	270.9	305.6	343.9	389.6	447.0	518.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-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°	112.9	146.4	175.6	204.0	237.5	268.1	300.6	337.1	378.1	430.0	493.3
-25°	111.0	143.6	173.2	201.8	232.6	263.9	294.2	328.9	366.6	416.4	473.5
-27.5°	108.5	140.3	169.8	198.8	227.4	258.2	287.8	320.6	357.9	401.9	452.9
-30°	105.0	135.6	165.1	194.7	222.9	251.8	280.4	311.7	346.8	388.3	435.3
-32.5°	100.4	130.3	159.2	188.4	217.8	245.4	272.3	302.4	335.3	371.7	416.5
-35°	95.8	124.6	152.8	180.6	211.7	238.2	264.2	291.7	322.4	356.2	392.7
-37.5°	91.5	118.5	146.0	172.3	201.7	229.4	254.6	280.8	309.1	340.1	373.3
-40°	86.9	112.1	138.8	164.4	190.2	218.5	243.6	268.9	295.1	326.2	355.7
-42.5°	82.1	106.5	131.3	156.4	181.0	206.3	231.4	255.6	283.3	312.8	341.7
-45°	78.0	100.7	123.8	148.2	172.4	195.3	218.8	241.4	269.6	299.0	327.3
-47.5°	73.3	94.8	117.2	139.3	163.0	185.9	207.1	230.0	253.9	281.6	311.3
-50°	68.4	88.8	109.4	130.3	152.8	175.6	197.1	218.3	240.8	263.7	289.3
-52.5°	64.3	82.1	101.2	120.3	141.7	164.0	185.7	206.9	227.6	249.1	270.9
-55°	59.4	75.7	92.5	110.5	129.2	150.6	172.1	192.7	213.9	234.0	255.4
-57.5°	54.0	68.6	83.9	100.7	117.8	135.3	156.2	176.7	196.6	216.9	239.0
-60°	47.8	60.9	74.8	90.3	106.9	123.0	139.9	158.9	178.1	197.3	217.7
-62.5°	41.5	52.8	65.3	78.8	94.0	109.9	125.3	141.6	158.8	175.6	193.2
-65°	37.2	45.2	55.8	67.7	80.2	94.3	109.0	124.0	139.2	153.4	167.0
-67.5°	32.7	39.9	47.7	56.6	67.9	79.7	91.4	104.9	118.5	131.6	144.3
-70°	27.9	34.3	41.2	48.6	56.6	66.4	77.3	88.0	98.5	109.4	121.2
-72.5°	22.8	28.4	34.4	40.8	47.7	55.4	63.8	73.0	82.3	91.3	100.5
-75°	18.7	22.4	27.3	32.7	38.7	44.7	50.8	58.1	66.0	73.9	81.7
-77.5°	15.4	18.8	22.2	25.5	29.7	35.3	40.7	46.1	51.6	57.6	64.0
-80°	12.5	15.2	18.2	21.3	24.2	27.5	31.3	35.6	39.4	43.4	47.8
-82.5°	10.5	12.5	14.6	17.0	18.7	20.5	22.5	25.0	27.6	30.2	33.0
-85°	8.0	9.7	11.1	12.7	13.5	14.4	15.3	16.4	18.1	19.7	21.3
-87.5°	4.0	4.8	5.7	6.6	7.1	7.5	7.8	8.2	9.3	10.4	11.5
-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: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.2	0.0	0.0	0.0	0.0	0.7	1.0	0.8	0.4	0.0	0.0
62.5°	2.3	1.9	3.0	4.0	4.4	4.3	4.0	3.5	3.0	2.8	3.2
60°	9.3	9.2	12.7	14.5	13.2	9.3	14.6	17.3	16.6	14.2	14.1
57.5°	22.8	27.6	31.2	32.7	37.9	46.2	47.8	45.0	44.1	45.0	52.0
55°	39.5	43.4	45.4	52.5	58.7	63.2	65.9	68.6	72.6	77.4	82.5
52.5°	55.7	61.2	65.3	71.7	79.1	81.7	81.0	90.6	98.1	102.9	104.9
50°	76.6	83.4	93.0	102.9	107.2	111.3	115.7	123.6	135.1	149.4	157.6
47.5°	99.0	109.7	119.8	131.1	136.8	141.2	147.8	161.5	177.9	193.3	201.3
45°	119.2	128.7	140.3	150.1	157.1	165.7	175.2	187.6	205.9	222.0	233.1
42.5°	135.5	146.2	158.1	169.9	177.1	188.6	203.0	219.9	239.1	255.8	268.2
40°	158.3	167.3	186.3	197.5	200.3	211.0	240.1	263.1	284.8	305.3	315.6
37.5°	185.8	203.4	223.1	233.3	243.3	262.3	301.2	338.4	366.0	393.8	409.0
35°	217.0	240.2	267.0	279.1	300.5	342.1	387.6	439.4	503.9	530.9	555.5
32.5°	247.3	273.3	298.1	325.0	362.5	412.1	463.5	547.5	625.9	686.7	731.0
30°	274.3	301.8	332.5	367.2	420.0	488.4	574.2	682.9	793.4	889.9	971.5
27.5°	300.8	332.2	368.7	420.4	494.7	587.6	724.6	879.7	1064.2	1200.2	1362.6
25°	330.0	365.8	412.7	487.7	588.0	726.8	945.9	1197.6	1500.3	1745.6	2002.4
22.5°	364.5	417.5	476.9	560.5	735.6	964.4	1263.7	1694.0	2159.5	2589.9	3004.4
20°	406.2	478.6	574.1	727.9	952.7	1291.0	1810.9	2497.6	3182.2	3911.3	4613.2
17.5°	465.7	570.1	718.4	937.3	1233.6	1902.8	2746.3	3808.4	5173.0	6409.6	7489.3
15°	521.5	646.2	880.4	1207.6	1724.5	2611.3	3892.5	5645.6	7772.3	9710.6	11757.7
12.5°	580.1	727.4	996.3	1413.0	2131.2	3285.7	5086.2	7488.3	10151.3	13072.3	16399.6
10°	626.5	805.3	1127.3	1655.6	2540.9	3978.6	6123.3	9036.5	12575.2	16898.2	22217.1
7.5°	657.9	867.8	1235.5	1833.3	2918.1	4687.3	7269.0	10770.6	15194.6	20921.7	28364.2
5°	682.3	915.5	1316.9	1995.2	3237.3	5228.2	8117.9	12289.1	17522.5	25195.9	37808.8
2.5°	702.0	952.0	1367.2	2106.8	3437.6	5604.9	8687.4	13148.3	18908.3	28355.8	44719.4
0°	717.4	985.0	1400.0	2175.6	3591.0	5642.5	8865.2	13305.5	19405.6	28926.1	46206.6
-2.5°	723.9	1002.7	1411.3	2190.7	3575.7	5707.2	8919.4	13431.0	19386.9	28613.7	44545.6
-5°	734.9	1002.4	1402.7	2175.3	3495.5	5540.0	8565.1	12728.3	18217.3	26152.7	39205.5
-7.5°	742.7	986.4	1362.1	2076.7	3285.7	5178.5	7942.7	11564.0	16088.6	22113.7	30197.7
-10°	735.5	955.8	1294.4	1911.3	2959.4	4598.7	6996.3	10026.8	13787.3	18252.4	23744.9
-12.5°	707.9	899.1	1183.9	1679.7	2536.9	3949.2	6044.0	8624.3	11407.6	14543.5	18338.9
-15°	672.9	838.0	1084.4	1520.9	2223.6	3305.4	4834.8	6928.1	9160.8	11541.7	14080.7
-17.5°	645.6	784.4	988.4	1304.4	1821.3	2681.4	3883.3	5370.4	7011.1	8823.8	10328.4
-20°	608.8	718.4	889.7	1147.7	1542.1	2112.0	2987.3	4067.6	5150.3	6424.8	7464.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-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°	571.8	667.4	797.7	986.5	1279.9	1710.5	2251.3	2972.6	3764.4	4496.0	5216.1
-25°	537.5	611.1	716.5	871.4	1070.5	1364.3	1749.2	2163.1	2684.9	3130.3	3624.4
-27.5°	509.7	572.9	650.7	764.3	918.7	1107.8	1383.4	1660.7	1935.1	2159.8	2500.1
-30°	482.9	533.8	598.8	679.8	795.6	941.3	1120.2	1300.1	1458.4	1602.9	1780.1
-32.5°	456.6	498.0	547.9	615.1	698.2	807.7	917.6	1046.5	1156.6	1258.2	1352.3
-35°	430.2	467.1	505.1	561.8	628.0	705.8	785.7	873.0	949.2	1017.7	1078.2
-37.5°	406.4	438.8	474.5	516.7	570.1	628.6	693.9	757.3	807.7	852.1	888.8
-40°	386.3	415.7	446.3	480.1	520.7	566.9	622.4	675.2	710.5	737.6	759.9
-42.5°	368.3	394.2	420.3	449.0	480.1	520.1	563.9	607.6	631.5	652.5	668.6
-45°	353.9	373.8	395.7	420.2	447.8	481.3	515.7	545.9	567.1	585.2	598.7
-47.5°	334.8	354.0	373.0	393.2	419.0	446.9	475.3	498.5	517.1	532.8	543.1
-50°	313.9	334.0	351.4	369.2	392.9	416.6	439.5	458.6	476.3	491.7	499.8
-52.5°	292.1	313.8	332.1	349.4	369.3	389.9	410.6	427.0	442.5	457.0	463.1
-55°	276.5	296.4	315.3	331.6	348.0	364.5	381.4	398.4	413.7	427.5	431.6
-57.5°	259.6	279.9	298.5	313.2	328.0	342.9	358.3	373.7	388.5	401.7	405.1
-60°	239.0	261.0	277.6	291.4	305.8	320.5	333.9	347.6	361.4	372.9	376.6
-62.5°	212.8	232.8	249.2	263.8	277.7	290.5	303.5	316.3	328.7	337.8	340.8
-65°	181.4	198.4	215.3	230.5	244.2	256.6	268.6	280.3	291.5	299.6	303.5
-67.5°	156.6	168.9	182.4	195.5	209.3	222.0	232.9	243.2	252.8	259.6	263.9
-70°	132.7	144.3	157.0	169.6	181.5	191.9	200.5	209.0	217.2	223.3	227.8
-72.5°	109.8	119.7	130.3	141.3	152.3	161.6	169.6	177.1	184.2	189.4	193.6
-75°	89.2	97.4	106.3	115.2	124.1	131.5	138.2	144.7	151.0	155.5	159.4
-77.5°	70.8	77.7	84.7	91.7	98.6	104.0	108.9	113.7	118.4	122.0	125.3
-80°	52.4	57.8	63.4	69.0	74.6	78.7	82.4	85.9	89.2	91.3	93.2
-82.5°	35.8	39.6	43.5	47.5	51.4	54.4	57.4	60.2	63.0	64.0	64.7
-85°	22.9	24.7	26.8	28.9	31.2	32.9	34.5	36.0	37.5	38.8	40.1
-87.5°	12.7	13.1	13.4	13.7	14.0	15.2	16.4	17.6	18.7	18.9	19.1
-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: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-722-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	0.4	0.8
62.5°	3.5	3.7	3.9	3.9	3.9	3.7	3.5	3.2	2.8	3.0	3.5
60°	13.3	11.8	11.5	11.6	11.5	11.8	13.3	14.1	14.2	16.6	17.3
57.5°	59.0	65.6	67.4	65.9	67.4	65.6	59.0	52.0	45.0	44.1	45.0
55°	85.9	87.9	88.9	89.2	88.9	87.9	85.9	82.5	77.4	72.6	68.6
52.5°	105.3	104.6	104.4	104.7	104.4	104.6	105.3	104.9	102.9	98.1	90.6
50°	158.2	155.3	154.2	155.1	154.2	155.3	158.2	157.6	149.4	135.1	123.6
47.5°	202.3	203.1	204.5	205.5	204.5	203.1	202.3	201.3	193.3	177.9	161.5
45°	236.2	238.2	239.6	240.4	239.6	238.2	236.2	233.1	222.0	205.9	187.6
42.5°	270.9	271.1	270.8	271.5	270.8	271.1	270.9	268.2	255.8	239.1	219.9
40°	319.8	320.8	319.7	318.0	319.7	320.8	319.8	315.6	305.3	284.8	263.1
37.5°	417.9	419.3	414.7	411.1	414.7	419.3	417.9	409.0	393.8	366.0	338.4
35°	577.9	594.5	602.4	605.0	602.4	594.5	577.9	555.5	530.9	503.9	439.4
32.5°	761.7	784.8	796.4	806.6	796.4	784.8	761.7	731.0	686.7	625.9	547.5
30°	1025.1	1067.6	1086.4	1113.0	1086.4	1067.6	1025.1	971.5	889.9	793.4	682.9
27.5°	1454.7	1529.5	1570.9	1609.4	1570.9	1529.5	1454.7	1362.6	1200.2	1064.2	879.7
25°	2189.0	2333.1	2426.3	2470.3	2426.3	2333.1	2189.0	2002.4	1745.6	1500.3	1197.6
22.5°	3405.4	3670.9	3875.7	3916.8	3875.7	3670.9	3405.4	3004.4	2589.9	2159.5	1694.0
20°	5294.2	5674.1	5983.2	6138.9	5983.2	5674.1	5294.2	4613.2	3911.3	3182.2	2497.6
17.5°	8775.3	9565.6	9926.6	9985.9	9926.6	9565.6	8775.3	7489.3	6409.6	5173.0	3808.4
15°	13954.2	15291.5	16140.5	16687.1	16140.5	15291.5	13954.2	11757.7	9710.6	7772.3	5645.6
12.5°	19863.1	23663.1	25825.4	26649.8	25825.4	23663.1	19863.1	16399.6	13072.3	10151.3	7488.3
10°	27882.9	36828.6	41988.9	44585.6	41988.9	36828.6	27882.9	22217.1	16898.2	12575.2	9036.5
7.5°	41494.3	55311.1	70619.6	77701.9	70619.6	55311.1	41494.3	28364.2	20921.7	15194.6	10770.6
5°	55803.2	86139.3	112765.6	125516.0	112765.6	86139.3	55803.2	37808.8	25195.9	17522.5	12289.1
2.5°	72249.0	113160.1	150985.8	166890.6	150985.8	113160.1	72249.0	44719.4	28355.8	18908.3	13148.3
0°	78578.4	126233.4	167602.2	183213.2	167602.2	126233.4	78578.4	46206.6	28926.1	19405.6	13305.5
-2.5°	73227.5	115142.1	151635.6	169473.3	151635.6	115142.1	73227.5	44545.6	28613.7	19386.9	13431.0
-5°	58183.0	86614.0	113641.0	128176.3	113641.0	86614.0	58183.0	39205.5	26152.7	18217.3	12728.3
-7.5°	42702.7	58180.3	73190.1	78438.8	73190.1	58180.3	42702.7	30197.7	22113.7	16088.6	11564.0
-10°	29730.5	38593.5	44444.0	46113.5	44444.0	38593.5	29730.5	23744.9	18252.4	13787.3	10026.8
-12.5°	22042.2	25918.8	28616.1	29085.1	28616.1	25918.8	22042.2	18338.9	14543.5	11407.6	8624.3
-15°	16321.7	18293.1	19684.3	19777.9	19684.3	18293.1	16321.7	14080.7	11541.7	9160.8	6928.1
-17.5°	11931.2	13254.5	13956.6	13906.6	13956.6	13254.5	11931.2	10328.4	8823.8	7011.1	5370.4
-20°	8531.5	9329.2	9894.8	9784.2	9894.8	9329.2	8531.5	7464.2	6424.8	5150.3	4067.6



REPORT NUMBER: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-722-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°	5948.8	6478.3	6809.7	6724.5	6809.7	6478.3	5948.8	5216.1	4496.0	3764.4	2972.6
-25°	4042.1	4330.6	4494.8	4467.5	4494.8	4330.6	4042.1	3624.4	3130.3	2684.9	2163.1
-27.5°	2754.5	2906.9	2957.8	2955.1	2957.8	2906.9	2754.5	2500.1	2159.8	1935.1	1660.7
-30°	1911.8	2014.2	2072.8	2036.0	2072.8	2014.2	1911.8	1780.1	1602.9	1458.4	1300.1
-32.5°	1424.9	1482.7	1516.1	1481.4	1516.1	1482.7	1424.9	1352.3	1258.2	1156.6	1046.5
-35°	1123.0	1152.2	1163.9	1144.0	1163.9	1152.2	1123.0	1078.2	1017.7	949.2	873.0
-37.5°	915.6	932.6	938.4	926.8	938.4	932.6	915.6	888.8	852.1	807.7	757.3
-40°	775.8	786.3	788.9	779.5	788.9	786.3	775.8	759.9	737.6	710.5	675.2
-42.5°	678.8	685.0	686.5	682.5	686.5	685.0	678.8	668.6	652.5	631.5	607.6
-45°	606.6	612.0	613.0	608.8	613.0	612.0	606.6	598.7	585.2	567.1	545.9
-47.5°	548.2	551.6	552.4	550.7	552.4	551.6	548.2	543.1	532.8	517.1	498.5
-50°	503.5	505.8	506.0	504.1	506.0	505.8	503.5	499.8	491.7	476.3	458.6
-52.5°	466.0	467.6	468.7	469.2	468.7	467.6	466.0	463.1	457.0	442.5	427.0
-55°	434.5	436.5	437.8	438.2	437.8	436.5	434.5	431.6	427.5	413.7	398.4
-57.5°	407.7	409.6	410.7	411.1	410.7	409.6	407.7	405.1	401.7	388.5	373.7
-60°	379.7	382.0	383.4	383.9	383.4	382.0	379.7	376.6	372.9	361.4	347.6
-62.5°	342.7	343.8	344.7	345.1	344.7	343.8	342.7	340.8	337.8	328.7	316.3
-65°	306.5	308.6	309.8	310.2	309.8	308.6	306.5	303.5	299.6	291.5	280.3
-67.5°	267.4	270.1	272.9	275.3	272.9	270.1	267.4	263.9	259.6	252.8	243.2
-70°	231.8	235.2	236.3	236.6	236.3	235.2	231.8	227.8	223.3	217.2	209.0
-72.5°	197.3	200.6	203.3	205.5	203.3	200.6	197.3	193.6	189.4	184.2	177.1
-75°	162.8	165.8	166.6	166.8	166.6	165.8	162.8	159.4	155.5	151.0	144.7
-77.5°	128.3	131.1	131.7	131.9	131.7	131.1	128.3	125.3	122.0	118.4	113.7
-80°	94.9	96.5	98.7	100.8	98.7	96.5	94.9	93.2	91.3	89.2	85.9
-82.5°	65.3	65.6	65.8	65.9	65.8	65.6	65.3	64.7	64.0	63.0	60.2
-85°	41.3	42.5	42.7	42.7	42.7	42.5	41.3	40.1	38.8	37.5	36.0
-87.5°	19.2	19.3	19.4	19.4	19.4	19.3	19.2	19.1	18.9	18.7	17.6
-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: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
65°	1.0	0.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	1.0
62.5°	4.0	4.3	4.4	4.0	3.0	1.9	2.3	2.7	1.9	0.4	1.3
60°	14.6	9.3	13.2	14.5	12.7	9.2	9.3	8.7	7.2	5.7	3.8
57.5°	47.8	46.2	37.9	32.7	31.2	27.6	22.8	18.2	16.0	12.9	9.1
55°	65.9	63.2	58.7	52.5	45.4	43.4	39.5	33.9	28.4	22.0	17.8
52.5°	81.0	81.7	79.1	71.7	65.3	61.2	55.7	50.4	43.9	37.7	29.3
50°	115.7	111.3	107.2	102.9	93.0	83.4	76.6	69.2	59.8	52.8	45.8
47.5°	147.8	141.2	136.8	131.1	119.8	109.7	99.0	88.7	76.9	65.9	59.0
45°	175.2	165.7	157.1	150.1	140.3	128.7	119.2	107.7	94.3	81.6	69.6
42.5°	203.0	188.6	177.1	169.9	158.1	146.2	135.5	126.6	112.1	97.2	85.1
40°	240.1	211.0	200.3	197.5	186.3	167.3	158.3	148.5	133.0	113.5	101.7
37.5°	301.2	262.3	243.3	233.3	223.1	203.4	185.8	173.0	159.1	137.1	120.2
35°	387.6	342.1	300.5	279.1	267.0	240.2	217.0	199.5	182.8	162.0	140.1
32.5°	463.5	412.1	362.5	325.0	298.1	273.3	247.3	225.7	203.9	182.6	161.0
30°	574.2	488.4	420.0	367.2	332.5	301.8	274.3	248.1	223.4	201.1	179.3
27.5°	724.6	587.6	494.7	420.4	368.7	332.2	300.8	270.3	242.2	218.0	195.7
25°	945.9	726.8	588.0	487.7	412.7	365.8	330.0	294.7	261.9	234.4	215.5
22.5°	1263.7	964.4	735.6	560.5	476.9	417.5	364.5	320.1	282.9	258.3	235.9
20°	1810.9	1291.0	952.7	727.9	574.1	478.6	406.2	354.0	316.0	284.4	256.6
17.5°	2746.3	1902.8	1233.6	937.3	718.4	570.1	465.7	396.5	348.5	310.7	277.5
15°	3892.5	2611.3	1724.5	1207.6	880.4	646.2	521.5	438.5	381.9	338.2	298.5
12.5°	5086.2	3285.7	2131.2	1413.0	996.3	727.4	580.1	486.4	415.2	358.0	312.3
10°	6123.3	3978.6	2540.9	1655.6	1127.3	805.3	626.5	516.6	435.1	372.3	324.1
7.5°	7269.0	4687.3	2918.1	1833.3	1235.5	867.8	657.9	536.9	451.5	384.2	333.8
5°	8117.9	5228.2	3237.3	1995.2	1316.9	915.5	682.3	551.5	464.4	393.7	341.4
2.5°	8687.4	5604.9	3437.6	2106.8	1367.2	952.0	702.0	565.1	474.4	403.4	350.0
0°	8865.2	5642.5	3591.0	2175.6	1400.0	985.0	717.4	577.8	480.9	411.1	356.8
-2.5°	8919.4	5707.2	3575.7	2190.7	1411.3	1002.7	723.9	580.2	485.9	414.0	357.8
-5°	8565.1	5540.0	3495.5	2175.3	1402.7	1002.4	734.9	584.4	488.8	414.9	357.0
-7.5°	7942.7	5178.5	3285.7	2076.7	1362.1	986.4	742.7	589.9	491.4	418.0	359.7
-10°	6996.3	4598.7	2959.4	1911.3	1294.4	955.8	735.5	586.9	489.7	417.5	360.3
-12.5°	6044.0	3949.2	2536.9	1679.7	1183.9	899.1	707.9	574.9	483.6	413.2	358.6
-15°	4834.8	3305.4	2223.6	1520.9	1084.4	838.0	672.9	556.1	473.2	405.5	354.5
-17.5°	3883.3	2681.4	1821.3	1304.4	988.4	784.4	645.6	540.8	461.0	397.7	349.0
-20°	2987.3	2112.0	1542.1	1147.7	889.7	718.4	608.8	518.4	447.0	389.6	343.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-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°	2251.3	1710.5	1279.9	986.5	797.7	667.4	571.8	493.3	430.0	378.1	337.1
-25°	1749.2	1364.3	1070.5	871.4	716.5	611.1	537.5	473.5	416.4	366.6	328.9
-27.5°	1383.4	1107.8	918.7	764.3	650.7	572.9	509.7	452.9	401.9	357.9	320.6
-30°	1120.2	941.3	795.6	679.8	598.8	533.8	482.9	435.3	388.3	346.8	311.7
-32.5°	917.6	807.7	698.2	615.1	547.9	498.0	456.6	416.5	371.7	335.3	302.4
-35°	785.7	705.8	628.0	561.8	505.1	467.1	430.2	392.7	356.2	322.4	291.7
-37.5°	693.9	628.6	570.1	516.7	474.5	438.8	406.4	373.3	340.1	309.1	280.8
-40°	622.4	566.9	520.7	480.1	446.3	415.7	386.3	355.7	326.2	295.1	268.9
-42.5°	563.9	520.1	480.1	449.0	420.3	394.2	368.3	341.7	312.8	283.3	255.6
-45°	515.7	481.3	447.8	420.2	395.7	373.8	353.9	327.3	299.0	269.6	241.4
-47.5°	475.3	446.9	419.0	393.2	373.0	354.0	334.8	311.3	281.6	253.9	230.0
-50°	439.5	416.6	392.9	369.2	351.4	334.0	313.9	289.3	263.7	240.8	218.3
-52.5°	410.6	389.9	369.3	349.4	332.1	313.8	292.1	270.9	249.1	227.6	206.9
-55°	381.4	364.5	348.0	331.6	315.3	296.4	276.5	255.4	234.0	213.9	192.7
-57.5°	358.3	342.9	328.0	313.2	298.5	279.9	259.6	239.0	216.9	196.6	176.7
-60°	333.9	320.5	305.8	291.4	277.6	261.0	239.0	217.7	197.3	178.1	158.9
-62.5°	303.5	290.5	277.7	263.8	249.2	232.8	212.8	193.2	175.6	158.8	141.6
-65°	268.6	256.6	244.2	230.5	215.3	198.4	181.4	167.0	153.4	139.2	124.0
-67.5°	232.9	222.0	209.3	195.5	182.4	168.9	156.6	144.3	131.6	118.5	104.9
-70°	200.5	191.9	181.5	169.6	157.0	144.3	132.7	121.2	109.4	98.5	88.0
-72.5°	169.6	161.6	152.3	141.3	130.3	119.7	109.8	100.5	91.3	82.3	73.0
-75°	138.2	131.5	124.1	115.2	106.3	97.4	89.2	81.7	73.9	66.0	58.1
-77.5°	108.9	104.0	98.6	91.7	84.7	77.7	70.8	64.0	57.6	51.6	46.1
-80°	82.4	78.7	74.6	69.0	63.4	57.8	52.4	47.8	43.4	39.4	35.6
-82.5°	57.4	54.4	51.4	47.5	43.5	39.6	35.8	33.0	30.2	27.6	25.0
-85°	34.5	32.9	31.2	28.9	26.8	24.7	22.9	21.3	19.7	18.1	16.4
-87.5°	16.4	15.2	14.0	13.7	13.4	13.1	12.7	11.5	10.4	9.3	8.2
-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: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-722-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	0.2	0.3	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.8	0.2
70°	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.5	1.5	1.6	1.2
67.5°	0.0	0.0	0.0	0.8	1.3	1.1	0.3	0.7	1.6	2.5	2.2
65°	1.3	0.9	0.1	1.0	1.9	2.5	1.9	1.2	1.7	2.6	3.2
62.5°	2.3	2.9	2.2	1.6	2.2	3.1	3.6	2.4	2.0	2.8	3.7
60°	2.6	3.5	3.9	3.1	2.7	3.3	3.9	3.6	2.8	2.9	3.8
57.5°	6.8	4.4	4.4	4.2	3.5	3.6	3.9	3.9	3.5	3.3	3.9
55°	12.6	9.3	6.5	5.3	4.4	3.9	4.0	3.9	3.9	3.6	3.9
52.5°	22.0	16.0	11.7	8.0	5.9	4.4	4.4	3.9	3.9	3.8	3.9
50°	35.1	25.2	18.5	13.3	8.3	6.5	5.1	4.5	3.9	3.9	3.9
47.5°	51.3	37.7	27.0	19.5	13.7	8.8	6.9	5.4	3.9	3.9	3.9
45°	63.3	52.6	37.6	27.2	19.2	13.2	9.3	6.4	4.8	4.0	3.9
42.5°	75.1	65.4	51.1	34.8	26.4	18.2	11.9	8.6	5.9	4.3	4.0
40°	90.2	78.0	64.1	47.5	34.2	23.1	16.1	11.1	7.2	5.0	4.4
37.5°	105.7	92.2	77.0	59.7	43.2	30.7	20.4	13.6	9.0	6.3	4.7
35°	123.2	106.9	89.7	71.3	53.8	38.4	24.6	16.7	11.4	7.8	5.2
32.5°	140.9	121.0	101.5	82.7	63.7	46.4	30.4	20.7	13.8	9.2	5.7
30°	158.0	135.0	112.4	93.5	73.1	54.9	37.8	25.1	16.1	10.8	6.5
27.5°	173.5	148.7	123.0	103.1	82.5	62.9	45.2	29.7	18.3	12.5	7.7
25°	189.8	162.7	135.1	111.7	91.4	70.9	52.1	34.8	21.5	14.3	9.0
22.5°	208.2	176.7	146.7	119.4	100.7	78.8	58.7	40.7	25.4	16.1	10.2
20°	228.1	190.6	158.4	130.4	109.5	86.8	65.2	46.2	29.4	17.8	11.5
17.5°	248.4	205.9	172.5	143.0	118.2	94.3	71.4	51.2	33.3	19.3	12.7
15°	262.2	221.2	185.3	154.7	126.8	101.3	77.3	55.7	37.3	20.8	13.9
12.5°	273.7	234.3	196.5	165.6	135.4	107.6	82.8	59.7	41.1	22.8	15.0
10°	283.9	245.5	206.2	175.5	143.6	113.4	87.9	63.3	44.6	25.3	16.1
7.5°	292.7	254.6	214.6	184.5	151.5	119.2	92.0	66.5	47.7	27.8	17.1
5°	300.1	262.5	221.6	190.4	158.8	125.2	95.6	69.3	50.3	30.3	18.0
2.5°	305.9	269.7	227.7	194.6	165.2	130.8	98.5	71.7	52.5	32.7	18.7
0°	310.2	275.3	232.7	197.8	170.6	135.7	100.8	73.7	54.3	34.9	19.4
-2.5°	313.0	276.2	238.0	201.4	173.9	139.7	105.5	76.2	55.7	36.9	20.6
-5°	314.3	276.2	242.0	204.2	176.2	143.0	109.5	78.2	56.8	38.6	21.6
-7.5°	316.0	277.4	244.2	206.4	177.8	145.5	112.5	79.8	57.7	40.0	22.6
-10°	316.7	278.8	244.7	209.2	179.1	147.3	114.5	80.7	58.3	41.0	23.4
-12.5°	315.8	278.6	244.6	210.7	179.7	148.4	115.5	82.2	58.9	41.6	24.1
-15°	313.3	277.0	244.0	210.9	179.6	148.8	115.8	83.6	60.1	41.7	24.7
-17.5°	309.4	273.8	243.1	209.6	178.9	148.6	115.5	84.3	60.7	41.4	25.3
-20°	305.6	270.9	241.8	206.8	177.5	147.7	114.5	84.1	60.7	40.8	25.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-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°	300.6	268.1	237.5	204.0	175.6	146.4	112.9	83.2	60.0	39.9	26.1
-25°	294.2	263.9	232.6	201.8	173.2	143.6	111.0	81.4	58.6	38.7	26.3
-27.5°	287.8	258.2	227.4	198.8	169.8	140.3	108.5	79.6	56.6	37.2	26.2
-30°	280.4	251.8	222.9	194.7	165.1	135.6	105.0	77.0	54.5	36.4	25.9
-32.5°	272.3	245.4	217.8	188.4	159.2	130.3	100.4	73.3	52.1	35.9	25.6
-35°	264.2	238.2	211.7	180.6	152.8	124.6	95.8	68.6	49.3	35.2	25.2
-37.5°	254.6	229.4	201.7	172.3	146.0	118.5	91.5	66.0	46.2	34.2	24.8
-40°	243.6	218.5	190.2	164.4	138.8	112.1	86.9	63.5	44.2	32.9	24.2
-42.5°	231.4	206.3	181.0	156.4	131.3	106.5	82.1	60.5	43.3	31.8	23.5
-45°	218.8	195.3	172.4	148.2	123.8	100.7	78.0	57.2	42.0	30.9	22.7
-47.5°	207.1	185.9	163.0	139.3	117.2	94.8	73.3	55.0	40.2	29.8	22.0
-50°	197.1	175.6	152.8	130.3	109.4	88.8	68.4	52.2	38.7	28.7	21.0
-52.5°	185.7	164.0	141.7	120.3	101.2	82.1	64.3	48.8	36.5	27.3	19.9
-55°	172.1	150.6	129.2	110.5	92.5	75.7	59.4	45.2	33.8	25.6	18.6
-57.5°	156.2	135.3	117.8	100.7	83.9	68.6	54.0	41.0	31.4	23.8	17.1
-60°	139.9	123.0	106.9	90.3	74.8	60.9	47.8	36.7	28.8	21.8	15.4
-62.5°	125.3	109.9	94.0	78.8	65.3	52.8	41.5	33.4	26.1	19.5	13.6
-65°	109.0	94.3	80.2	67.7	55.8	45.2	37.2	29.8	23.1	17.1	12.0
-67.5°	91.4	79.7	67.9	56.6	47.7	39.9	32.7	26.0	19.9	14.5	11.0
-70°	77.3	66.4	56.6	48.6	41.2	34.3	27.9	22.0	16.6	13.0	10.0
-72.5°	63.8	55.4	47.7	40.8	34.4	28.4	22.8	18.0	14.4	11.3	8.8
-75°	50.8	44.7	38.7	32.7	27.3	22.4	18.7	15.2	12.2	9.6	7.7
-77.5°	40.7	35.3	29.7	25.5	22.2	18.8	15.4	12.2	10.1	8.4	6.6
-80°	31.3	27.5	24.2	21.3	18.2	15.2	12.5	10.3	8.7	7.1	5.5
-82.5°	22.5	20.5	18.7	17.0	14.6	12.5	10.5	8.7	7.3	5.9	4.3
-85°	15.3	14.4	13.5	12.7	11.1	9.7	8.0	6.6	5.2	4.0	2.9
-87.5°	7.8	7.5	7.1	6.6	5.7	4.8	4.0	3.3	2.6	2.0	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: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.4	0.0
75°	0.1	0.3	0.1	0.0	0.1	0.5	0.0
72.5°	0.2	0.6	0.4	0.0	0.1	0.6	0.0
70°	0.5	0.9	0.8	0.1	0.2	0.7	0.0
67.5°	1.4	1.2	1.2	0.5	0.2	0.8	0.0
65°	2.3	1.7	1.6	0.8	0.3	0.9	0.0
62.5°	3.1	2.2	2.0	1.2	0.4	1.0	0.0
60°	3.8	2.7	2.4	1.6	0.5	1.1	0.0
57.5°	3.9	3.2	2.7	2.1	0.9	1.2	0.0
55°	3.9	3.6	3.0	2.5	1.2	1.3	0.0
52.5°	3.9	3.9	3.2	2.9	1.5	1.4	0.0
50°	3.9	3.9	3.4	3.3	1.8	1.5	0.0
47.5°	3.9	3.9	3.6	3.7	2.0	1.7	0.0
45°	3.9	3.9	3.8	3.8	2.3	1.8	0.0
42.5°	3.9	3.9	3.9	3.9	2.5	1.9	0.0
40°	3.9	3.9	3.9	3.9	2.7	2.0	0.0
37.5°	3.9	3.9	3.9	3.9	2.9	2.2	0.0
35°	3.9	3.9	3.9	3.9	3.1	2.3	0.0
32.5°	4.0	3.9	3.9	3.9	3.2	2.4	0.0
30°	4.4	3.9	3.9	3.9	3.4	2.5	0.0
27.5°	4.9	3.9	3.9	3.9	3.5	2.7	0.0
25°	5.3	3.9	3.9	3.9	3.6	2.8	0.0
22.5°	5.8	4.0	3.9	3.9	3.7	2.9	0.0
20°	6.3	4.3	3.9	3.9	3.7	3.0	0.0
17.5°	7.0	4.6	3.9	3.9	3.8	3.2	0.0
15°	7.8	5.0	3.9	3.9	3.8	3.3	0.0
12.5°	8.5	5.4	3.9	3.9	3.9	3.4	0.0
10°	9.2	5.9	3.9	3.9	3.9	3.5	0.0
7.5°	9.9	6.4	3.9	3.9	3.9	3.6	0.0
5°	10.5	6.9	3.9	3.9	3.9	3.7	0.0
2.5°	11.1	7.4	3.9	3.9	3.9	3.8	0.0
0°	11.6	7.8	3.9	3.9	3.9	3.9	0.0
-2.5°	12.6	8.2	4.2	3.9	3.9	3.9	0.0
-5°	13.6	8.6	4.6	3.9	3.9	3.9	0.0
-7.5°	14.4	8.9	4.9	3.9	3.9	3.9	0.0
-10°	15.2	9.2	5.2	3.9	3.9	3.8	0.0
-12.5°	15.8	9.4	5.4	3.9	3.9	3.8	0.0
-15°	16.3	9.6	5.7	3.9	3.9	3.8	0.0
-17.5°	16.7	9.8	5.8	3.9	3.9	3.7	0.0
-20°	16.9	9.9	5.9	3.9	3.9	3.7	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627368 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.1	10.0	6.0	3.9	3.9	3.6	0.0
-25°	17.2	10.3	6.0	3.9	3.9	3.5	0.0
-27.5°	17.2	10.5	5.9	3.9	3.9	3.5	0.0
-30°	17.1	10.7	5.7	3.9	3.9	3.4	0.0
-32.5°	16.9	10.8	5.7	3.9	3.9	3.3	0.0
-35°	16.8	10.8	5.6	3.9	3.9	3.2	0.0
-37.5°	16.8	10.7	5.5	3.9	3.9	3.1	0.0
-40°	16.6	10.5	5.3	3.9	3.9	3.0	0.0
-42.5°	16.2	10.2	5.2	3.9	3.9	2.9	0.0
-45°	15.8	9.7	5.4	4.0	3.9	2.8	0.0
-47.5°	15.1	9.2	5.5	4.1	3.9	2.6	0.0
-50°	14.4	8.6	5.5	4.2	3.9	2.5	0.0
-52.5°	13.4	7.9	5.5	4.2	3.9	2.4	0.0
-55°	12.4	7.7	5.5	4.2	3.9	2.2	0.0
-57.5°	11.2	7.5	5.4	4.2	3.9	2.1	0.0
-60°	10.0	7.3	5.3	4.2	3.9	1.9	0.0
-62.5°	9.5	7.0	5.2	4.1	3.6	1.8	0.0
-65°	9.0	6.6	5.0	4.1	3.3	1.6	0.0
-67.5°	8.3	6.2	4.8	4.0	3.0	1.5	0.0
-70°	7.6	5.7	4.5	3.9	2.7	1.3	0.0
-72.5°	6.8	5.2	4.2	3.5	2.3	1.2	0.0
-75°	5.9	4.7	4.0	3.0	2.0	1.0	0.0
-77.5°	5.0	4.1	3.4	2.5	1.7	0.8	0.0
-80°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-82.5°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
-85°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-87.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)