

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: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
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-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N20
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

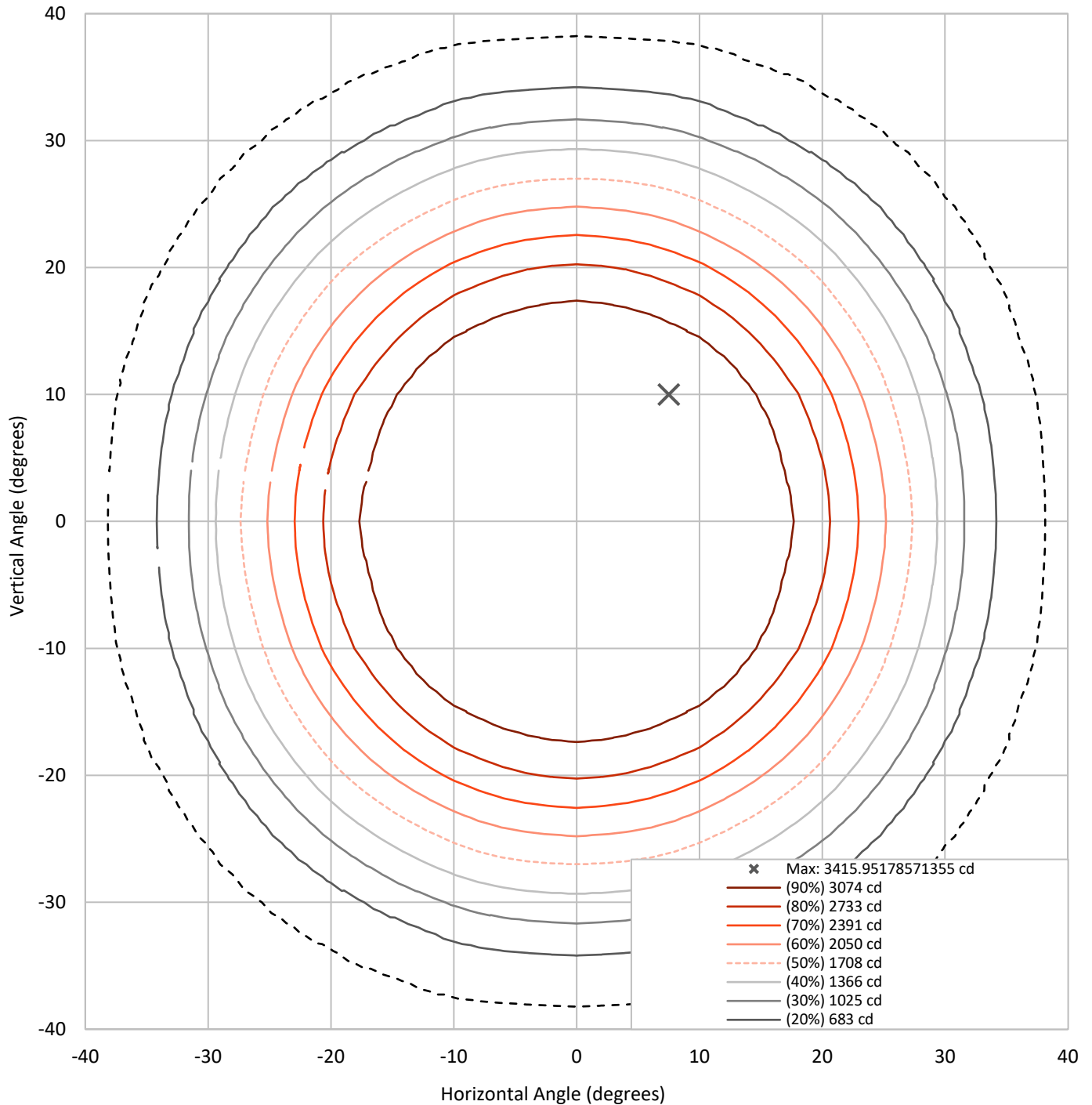
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	2907.3 lumens	Max Intensity:	3416 candela
Efficiency:	N/A	Max Intensity Angle:	7.5°H x 10°V
Efficacy:	160.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	1929.7 lumens	Field Lumens:	2509.2 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
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: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-735-U-MWR-XX

Iso-Candela Plot





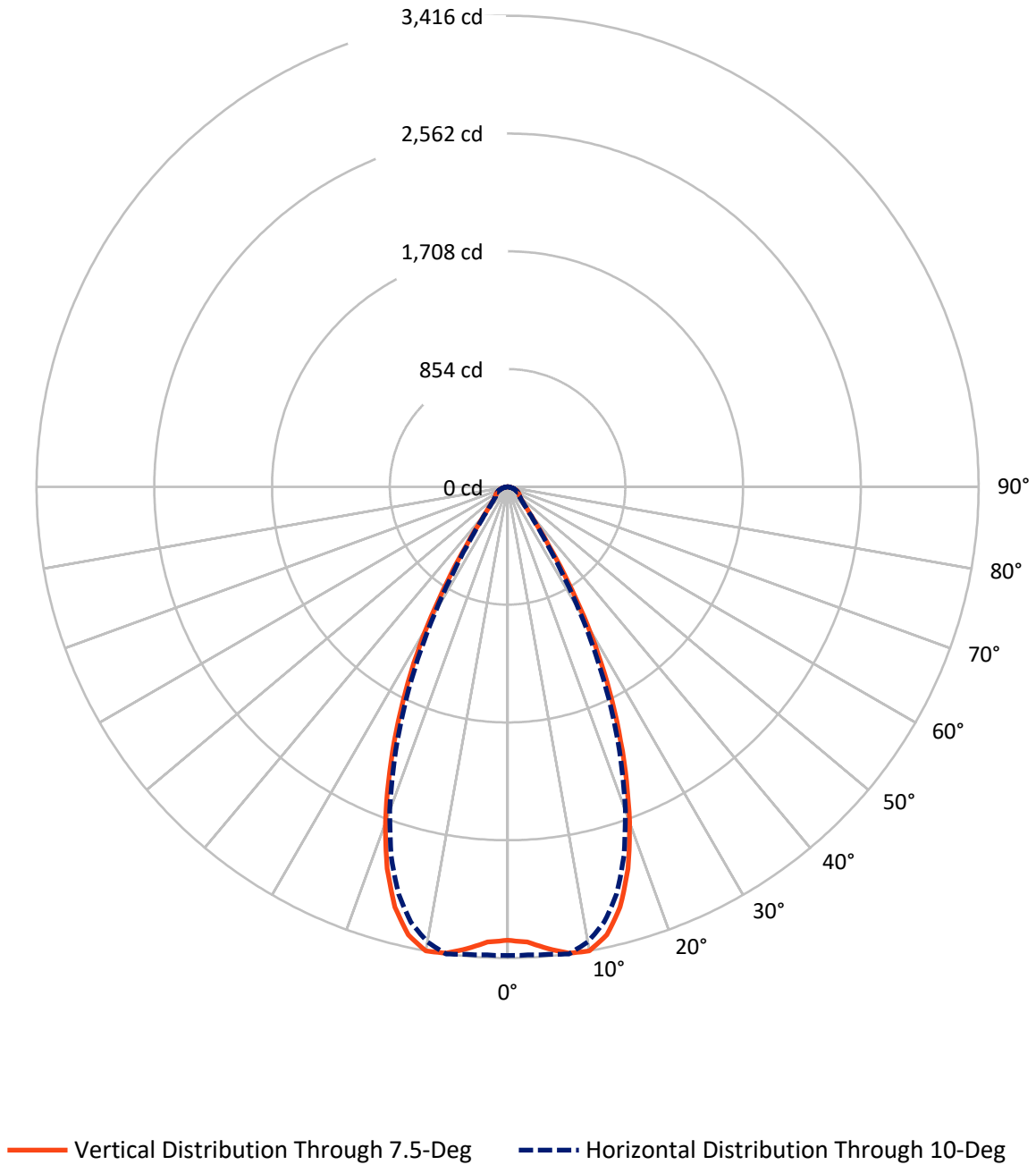
REPORT NUMBER: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-U-MWR-XX

Lumen Table

90															90				
80	0.1	0.7		1.8		2.9		3.2		2.9		1.8		0.7		0.1			
70	0.3	0.4	0.7	1.2	1.6	2.0	2.2	2.4	2.4	2.2	2.0	1.6	1.2	0.7	0.4	0.3			
60		0.5	1.0	1.7	2.2	2.7	3.0	3.2	3.2	3.0	2.7	2.2	1.7	1.0	0.5				
50	0.5	0.7	1.3	2.0	2.7	3.6	4.5	5.1	5.1	4.5	3.6	2.7	2.0	1.3	0.7	0.5			
40		0.8	1.5	2.3	3.6	6.6	12.6	18.7	18.7	12.6	6.6	3.6	2.3	1.5	0.8				
30	0.7	0.9	1.7	2.7	6.0	18.7	41.9	58.5	58.5	41.9	18.7	6.0	2.7	1.7	0.9	0.7			
20		1.0	1.8	3.2	10.8	39.8	76.0	95.1	95.1	76.0	39.8	10.8	3.2	1.8	1.0				
10	0.8	1.0	1.8	3.7	15.5	54.4	92.2	100.3	100.3	92.2	54.4	15.5	3.7	1.8	1.0	0.8			
0		1.0	1.8	3.7	15.5	54.4	92.2	100.3	100.3	92.2	54.4	15.5	3.7	1.8	1.0				
-10	0.7	1.0	1.8	3.2	10.8	39.8	76.0	95.1	95.1	76.0	39.8	10.8	3.2	1.8	1.0	0.7			
-20		0.9	1.7	2.7	6.0	18.7	41.9	58.5	58.5	41.9	18.7	6.0	2.7	1.7	0.9				
-30	0.5	0.8	1.5	2.3	3.6	6.6	12.6	18.7	18.7	12.6	6.6	3.6	2.3	1.5	0.8	0.5			
-40		0.7	1.3	2.0	2.7	3.6	4.5	5.1	5.1	4.5	3.6	2.7	2.0	1.3	0.7				
-50	0.3	0.5	1.0	1.7	2.2	2.7	3.0	3.2	3.2	3.0	2.7	2.2	1.7	1.0	0.5	0.3			
-60		0.4	0.7	1.2	1.6	2.0	2.2	2.4	2.4	2.2	2.0	1.6	1.2	0.7	0.4				
-70															-70				
-80	0.1	0.7		1.8		2.9		3.2		2.9		1.8		0.7		0.1			
-90															-90				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

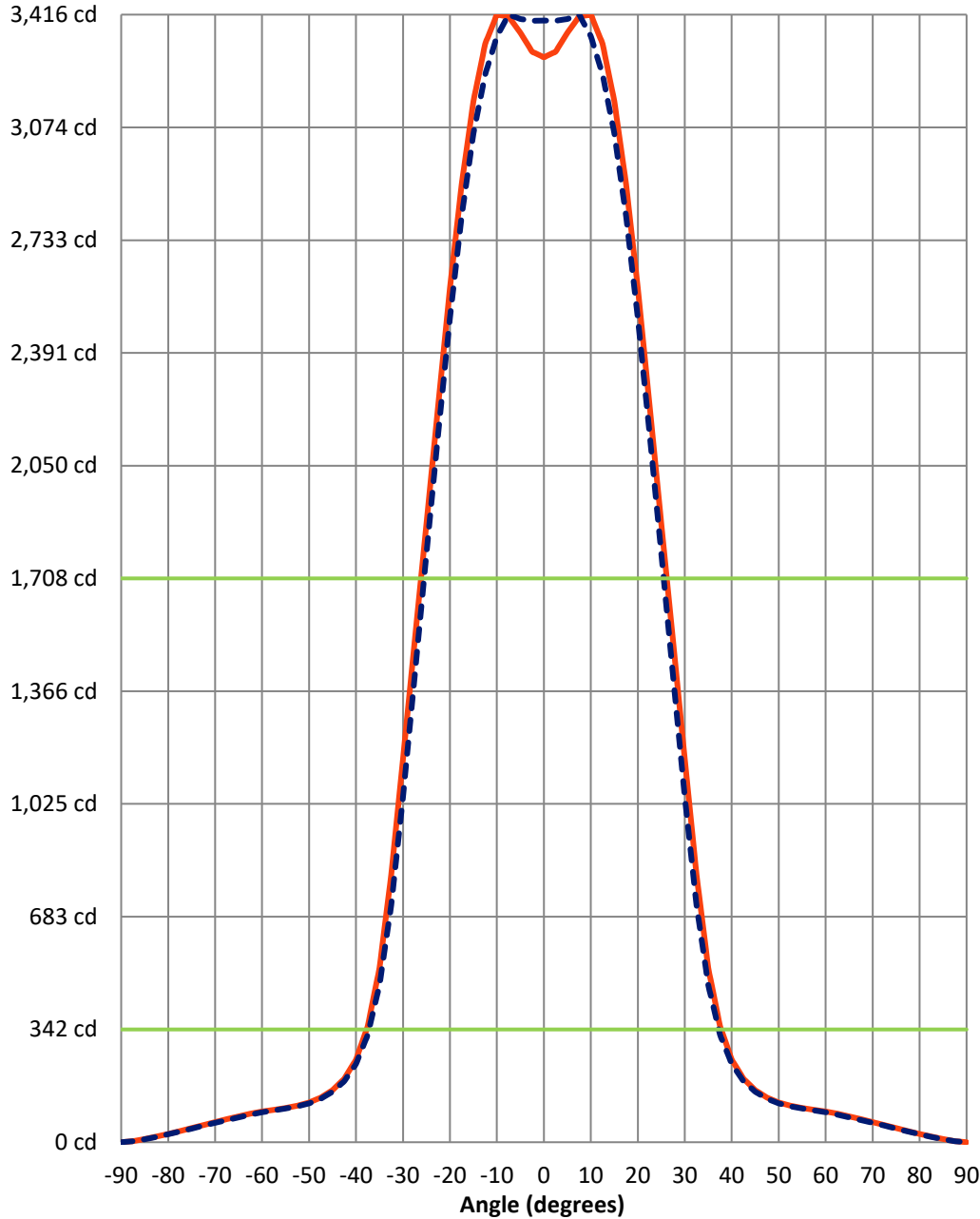
REPORT NUMBER: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-735-U-MWR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-U-MWR-XX

Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 1929.7
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 2509.2
 Efficiency: 86.3%

Spill:
 Lumens: 398.1
 Efficiency: 13.7%

— Vertical Distribution through 7.5-Deg
 - - Horizontal Distribution through 10-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MWR-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	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.5
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.9	2.3	2.6	3.0
82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.8	3.4	4.3	5.2
80°	0.0	0.5	1.0	1.6	2.1	2.6	3.2	4.4	5.6	6.7	7.7
77.5°	0.0	0.6	1.3	1.9	2.6	3.5	4.9	6.3	7.7	9.0	10.4
75°	0.0	0.8	1.6	2.3	3.2	4.9	6.5	8.2	9.8	11.7	13.5
72.5°	0.0	0.9	1.8	2.7	4.3	6.3	8.2	10.2	12.4	14.6	16.7
70°	0.0	1.0	2.0	3.2	5.4	7.6	9.8	12.4	14.9	17.4	20.0
67.5°	0.0	1.1	2.3	4.0	6.5	8.9	11.7	14.6	17.4	20.3	23.3
65°	0.0	1.3	2.5	4.7	7.5	10.3	13.5	16.7	19.9	23.2	26.7
62.5°	0.0	1.4	2.8	5.5	8.5	11.8	15.3	18.8	22.4	26.1	30.3
60°	0.0	1.5	3.0	6.3	9.5	13.2	17.0	20.9	24.8	29.2	33.8
57.5°	0.0	1.6	3.5	7.0	10.6	14.6	18.7	22.9	27.4	32.3	37.1
55°	0.0	1.7	3.9	7.7	11.7	15.9	20.4	24.9	30.0	35.2	40.3
52.5°	0.0	1.8	4.4	8.4	12.7	17.2	22.1	27.1	32.5	37.9	43.3
50°	0.0	1.9	4.8	9.1	13.7	18.6	23.7	29.2	34.9	40.6	46.3
47.5°	0.0	2.0	5.3	9.8	14.6	19.9	25.3	31.2	37.2	43.2	49.2
45°	0.0	2.1	5.7	10.4	15.5	21.2	27.0	33.2	39.4	45.7	52.0
42.5°	0.0	2.2	6.0	11.1	16.4	22.4	28.6	35.0	41.5	48.1	54.6
40°	0.0	2.3	6.4	11.7	17.3	23.6	30.1	36.7	43.5	50.4	57.1
37.5°	0.0	2.4	6.7	12.2	18.2	24.7	31.5	38.4	45.4	52.6	59.6
35°	0.0	2.5	7.0	12.7	19.0	25.8	32.8	39.9	47.3	54.6	61.8
32.5°	0.0	2.5	7.3	13.2	19.8	26.9	34.1	41.3	49.1	56.6	63.8
30°	0.0	2.6	7.6	13.7	20.6	27.8	35.2	42.6	50.7	58.3	65.7
27.5°	0.0	2.7	7.9	14.1	21.2	28.7	36.2	44.0	52.2	59.9	67.4
25°	0.0	2.7	8.1	14.5	21.8	29.5	37.2	45.2	53.5	61.4	68.9
22.5°	0.0	2.8	8.3	14.8	22.4	30.2	38.0	46.3	54.7	62.6	70.4
20°	0.0	2.8	8.5	15.1	22.9	30.9	38.8	47.3	55.8	63.8	71.6
17.5°	0.0	2.9	8.6	15.4	23.3	31.4	39.4	48.2	56.7	64.8	72.8
15°	0.0	2.9	8.7	15.6	23.7	31.8	40.0	49.0	57.5	65.6	73.7
12.5°	0.0	2.9	8.8	15.8	24.0	32.2	40.6	49.8	58.1	66.3	74.5
10°	0.0	3.0	8.9	15.9	24.2	32.5	41.0	50.3	58.7	67.0	75.2
7.5°	0.0	3.0	9.0	16.0	24.4	32.7	41.3	50.8	59.2	67.5	75.7
5°	0.0	3.0	9.0	16.1	24.5	32.9	41.6	51.1	59.5	67.9	76.2
2.5°	0.0	3.0	9.0	16.1	24.5	32.9	41.7	51.3	59.7	68.1	76.4
0°	0.0	3.0	9.0	16.1	24.5	32.9	41.8	51.4	59.8	68.2	76.5
-2.5°	0.0	3.0	9.0	16.1	24.5	32.9	41.7	51.3	59.7	68.1	76.4
-5°	0.0	3.0	9.0	16.1	24.5	32.9	41.6	51.1	59.5	67.9	76.2
-7.5°	0.0	3.0	9.0	16.0	24.4	32.7	41.3	50.8	59.2	67.5	75.7
-10°	0.0	3.0	8.9	15.9	24.2	32.5	41.0	50.3	58.7	67.0	75.2
-12.5°	0.0	2.9	8.8	15.8	24.0	32.2	40.6	49.8	58.1	66.3	74.5
-15°	0.0	2.9	8.7	15.6	23.7	31.8	40.0	49.0	57.5	65.6	73.7
-17.5°	0.0	2.9	8.6	15.4	23.3	31.4	39.4	48.2	56.7	64.8	72.8
-20°	0.0	2.8	8.5	15.1	22.9	30.9	38.8	47.3	55.8	63.8	71.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MWR-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	8.3	14.8	22.4	30.2	38.0	46.3	54.7	62.6	70.4
-25°	0.0	2.7	8.1	14.5	21.8	29.5	37.2	45.2	53.5	61.4	68.9
-27.5°	0.0	2.7	7.9	14.1	21.2	28.7	36.2	44.0	52.2	59.9	67.4
-30°	0.0	2.6	7.6	13.7	20.6	27.8	35.2	42.6	50.7	58.3	65.7
-32.5°	0.0	2.5	7.3	13.2	19.8	26.9	34.1	41.3	49.1	56.6	63.8
-35°	0.0	2.5	7.0	12.7	19.0	25.8	32.8	39.9	47.3	54.6	61.8
-37.5°	0.0	2.4	6.7	12.2	18.2	24.7	31.5	38.4	45.4	52.6	59.6
-40°	0.0	2.3	6.4	11.7	17.3	23.6	30.1	36.7	43.5	50.4	57.1
-42.5°	0.0	2.2	6.0	11.1	16.4	22.4	28.6	35.0	41.5	48.1	54.6
-45°	0.0	2.1	5.7	10.4	15.5	21.2	27.0	33.2	39.4	45.7	52.0
-47.5°	0.0	2.0	5.3	9.8	14.6	19.9	25.3	31.2	37.2	43.2	49.2
-50°	0.0	1.9	4.8	9.1	13.7	18.6	23.7	29.2	34.9	40.6	46.3
-52.5°	0.0	1.8	4.4	8.4	12.7	17.2	22.1	27.1	32.5	37.9	43.3
-55°	0.0	1.7	3.9	7.7	11.7	15.9	20.4	24.9	30.0	35.2	40.3
-57.5°	0.0	1.6	3.5	7.0	10.6	14.6	18.7	22.9	27.4	32.3	37.1
-60°	0.0	1.5	3.0	6.3	9.5	13.2	17.0	20.9	24.8	29.2	33.8
-62.5°	0.0	1.4	2.8	5.5	8.5	11.8	15.3	18.8	22.4	26.1	30.3
-65°	0.0	1.3	2.5	4.7	7.5	10.3	13.5	16.7	19.9	23.2	26.7
-67.5°	0.0	1.1	2.3	4.0	6.5	8.9	11.7	14.6	17.4	20.3	23.3
-70°	0.0	1.0	2.0	3.2	5.4	7.6	9.8	12.4	14.9	17.4	20.0
-72.5°	0.0	0.9	1.8	2.7	4.3	6.3	8.2	10.2	12.4	14.6	16.7
-75°	0.0	0.8	1.6	2.3	3.2	4.9	6.5	8.2	9.8	11.7	13.5
-77.5°	0.0	0.6	1.3	1.9	2.6	3.5	4.9	6.3	7.7	9.0	10.4
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.2	4.4	5.6	6.7	7.7
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.8	3.4	4.3	5.2
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.9	2.3	2.6	3.0
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	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



REPORT NUMBER: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MWR-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°	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.9
85°	3.3	3.6	4.1	4.6	5.0	5.5	5.9	6.3	6.7	7.1	7.5
82.5°	5.9	6.7	7.5	8.3	9.0	9.7	10.4	11.0	11.7	12.4	13.0
80°	8.7	9.8	11.1	12.2	13.2	14.2	15.1	16.0	17.0	18.1	19.1
77.5°	11.9	13.5	14.9	16.2	17.5	19.0	20.4	21.7	23.1	24.4	25.7
75°	15.4	17.1	19.0	20.8	22.6	24.3	26.0	27.7	29.4	31.1	32.7
72.5°	18.9	21.2	23.3	25.5	27.7	29.8	31.9	33.9	35.9	38.0	40.0
70°	22.6	25.2	27.9	30.5	33.0	35.5	38.0	40.4	42.7	45.2	47.6
67.5°	26.4	29.6	32.6	35.5	38.4	41.3	44.1	47.1	49.9	52.7	55.4
65°	30.5	34.0	37.3	40.6	43.9	47.3	50.7	53.9	57.2	60.4	63.2
62.5°	34.5	38.2	41.9	45.6	49.6	53.4	57.1	60.9	64.7	68.0	70.8
60°	38.2	42.3	46.4	50.7	55.1	59.2	63.4	67.4	71.5	75.3	77.6
57.5°	41.8	46.3	50.9	55.5	60.1	64.8	69.1	73.5	77.3	80.5	83.2
55°	45.3	50.2	55.1	59.9	64.9	69.7	74.4	78.6	82.3	85.0	87.7
52.5°	48.7	53.9	58.9	64.1	69.4	74.5	79.4	83.4	86.4	89.2	91.6
50°	52.0	57.3	62.6	68.2	73.7	79.2	83.9	87.3	90.4	93.1	95.6
47.5°	55.1	60.6	66.2	72.1	78.0	83.3	87.6	91.2	94.3	97.2	100.2
45°	58.0	63.9	69.8	76.0	82.0	87.1	91.2	95.1	98.0	101.2	104.7
42.5°	60.9	67.0	73.3	79.6	85.7	90.5	94.6	98.1	101.5	105.4	109.6
40°	63.6	70.0	76.6	83.2	89.2	93.5	97.4	101.2	105.4	110.0	114.9
37.5°	66.2	72.8	79.6	86.5	91.8	96.2	100.2	104.4	109.3	114.6	121.2
35°	68.6	75.5	82.5	89.1	94.1	98.7	102.9	107.6	113.4	120.2	128.7
32.5°	70.8	77.9	85.1	91.2	96.2	101.0	105.4	111.2	118.1	126.3	138.3
30°	72.9	80.1	87.4	93.2	98.1	102.9	108.3	114.8	122.8	134.9	150.3
27.5°	74.8	82.2	89.1	94.9	99.8	104.8	111.0	119.0	129.6	143.9	163.0
25°	76.5	84.1	90.8	96.3	101.4	106.9	113.7	122.6	136.6	155.1	180.9
22.5°	78.1	85.8	92.5	97.5	102.9	108.9	116.8	128.0	144.1	165.7	199.0
20°	79.5	87.2	93.7	98.7	104.3	110.5	119.5	133.0	152.4	180.4	222.9
17.5°	80.8	88.3	94.6	99.8	105.7	112.4	122.2	137.4	159.8	193.3	247.1
15°	81.8	89.3	95.3	100.8	106.8	114.5	125.9	143.1	168.4	206.6	268.2
12.5°	82.7	90.1	95.9	101.6	107.8	116.2	129.1	148.5	177.4	223.0	299.2
10°	83.4	90.7	96.4	102.2	108.6	117.6	131.7	152.9	184.8	237.2	325.7
7.5°	84.0	91.2	96.7	102.6	109.1	118.7	133.6	156.3	190.5	248.4	346.7
5°	84.5	91.5	96.9	102.9	109.5	119.4	135.0	158.7	194.5	256.4	361.5
2.5°	84.8	91.6	96.9	102.9	109.9	119.7	135.7	160.0	197.5	260.2	369.4
0°	84.9	91.5	96.8	102.8	110.0	119.6	135.7	160.2	199.1	260.1	370.6
-2.5°	84.8	91.6	96.9	102.9	109.9	119.7	135.7	160.0	197.5	260.2	369.4
-5°	84.5	91.5	96.9	102.9	109.5	119.4	135.0	158.7	194.5	256.4	361.5
-7.5°	84.0	91.2	96.7	102.6	109.1	118.7	133.6	156.3	190.5	248.4	346.7
-10°	83.4	90.7	96.4	102.2	108.6	117.6	131.7	152.9	184.8	237.2	325.7
-12.5°	82.7	90.1	95.9	101.6	107.8	116.2	129.1	148.5	177.4	223.0	299.2
-15°	81.8	89.3	95.3	100.8	106.8	114.5	125.9	143.1	168.4	206.6	268.2
-17.5°	80.8	88.3	94.6	99.8	105.7	112.4	122.2	137.4	159.8	193.3	247.1
-20°	79.5	87.2	93.7	98.7	104.3	110.5	119.5	133.0	152.4	180.4	222.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	78.1	85.8	92.5	97.5	102.9	108.9	116.8	128.0	144.1	165.7	199.0
-25°	76.5	84.1	90.8	96.3	101.4	106.9	113.7	122.6	136.6	155.1	180.9
-27.5°	74.8	82.2	89.1	94.9	99.8	104.8	111.0	119.0	129.6	143.9	163.0
-30°	72.9	80.1	87.4	93.2	98.1	102.9	108.3	114.8	122.8	134.9	150.3
-32.5°	70.8	77.9	85.1	91.2	96.2	101.0	105.4	111.2	118.1	126.3	138.3
-35°	68.6	75.5	82.5	89.1	94.1	98.7	102.9	107.6	113.4	120.2	128.7
-37.5°	66.2	72.8	79.6	86.5	91.8	96.2	100.2	104.4	109.3	114.6	121.2
-40°	63.6	70.0	76.6	83.2	89.2	93.5	97.4	101.2	105.4	110.0	114.9
-42.5°	60.9	67.0	73.3	79.6	85.7	90.5	94.6	98.1	101.5	105.4	109.6
-45°	58.0	63.9	69.8	76.0	82.0	87.1	91.2	95.1	98.0	101.2	104.7
-47.5°	55.1	60.6	66.2	72.1	78.0	83.3	87.6	91.2	94.3	97.2	100.2
-50°	52.0	57.3	62.6	68.2	73.7	79.2	83.9	87.3	90.4	93.1	95.6
-52.5°	48.7	53.9	58.9	64.1	69.4	74.5	79.4	83.4	86.4	89.2	91.6
-55°	45.3	50.2	55.1	59.9	64.9	69.7	74.4	78.6	82.3	85.0	87.7
-57.5°	41.8	46.3	50.9	55.5	60.1	64.8	69.1	73.5	77.3	80.5	83.2
-60°	38.2	42.3	46.4	50.7	55.1	59.2	63.4	67.4	71.5	75.3	77.6
-62.5°	34.5	38.2	41.9	45.6	49.6	53.4	57.1	60.9	64.7	68.0	70.8
-65°	30.5	34.0	37.3	40.6	43.9	47.3	50.7	53.9	57.2	60.4	63.2
-67.5°	26.4	29.6	32.6	35.5	38.4	41.3	44.1	47.1	49.9	52.7	55.4
-70°	22.6	25.2	27.9	30.5	33.0	35.5	38.0	40.4	42.7	45.2	47.6
-72.5°	18.9	21.2	23.3	25.5	27.7	29.8	31.9	33.9	35.9	38.0	40.0
-75°	15.4	17.1	19.0	20.8	22.6	24.3	26.0	27.7	29.4	31.1	32.7
-77.5°	11.9	13.5	14.9	16.2	17.5	19.0	20.4	21.7	23.1	24.4	25.7
-80°	8.7	9.8	11.1	12.2	13.2	14.2	15.1	16.0	17.0	18.1	19.1
-82.5°	5.9	6.7	7.5	8.3	9.0	9.7	10.4	11.0	11.7	12.4	13.0
-85°	3.3	3.6	4.1	4.6	5.0	5.5	5.9	6.3	6.7	7.1	7.5
-87.5°	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-U-MWR-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°	2.9	2.9	2.9	2.8	2.7	2.9	3.1	3.3	3.5	3.4	3.3
85°	7.8	8.0	8.1	8.3	8.4	8.7	9.1	9.4	9.7	9.7	9.7
82.5°	13.7	14.1	14.5	14.8	15.1	15.6	16.0	16.3	16.6	16.8	17.0
80°	20.2	20.9	21.5	22.0	22.5	23.1	23.7	24.1	24.5	24.8	24.9
77.5°	27.0	28.1	29.0	29.9	30.8	31.6	32.4	33.0	33.6	33.8	33.7
75°	34.3	35.7	37.0	38.2	39.4	40.3	41.1	41.8	42.4	42.6	42.8
72.5°	41.9	43.6	45.2	46.6	47.8	48.8	49.6	50.4	51.0	51.4	51.7
70°	49.9	51.9	53.5	54.8	55.9	56.9	58.0	59.1	60.1	60.6	60.8
67.5°	57.9	60.0	61.5	62.7	63.6	64.6	66.0	67.2	68.4	69.1	69.6
65°	65.7	68.0	69.4	70.5	71.4	72.4	73.9	75.2	76.2	76.9	77.6
62.5°	73.4	75.7	77.3	78.7	79.9	81.0	82.3	83.4	84.2	84.9	85.8
60°	80.1	82.8	84.5	85.9	87.5	89.2	90.1	90.9	91.6	92.2	92.7
57.5°	85.6	88.0	90.2	91.9	93.5	95.1	96.2	96.9	97.5	97.9	98.1
55°	90.2	92.7	95.2	96.9	98.5	99.9	101.1	102.1	102.9	103.5	103.7
52.5°	94.3	97.1	99.5	101.5	103.6	105.3	106.7	108.0	109.2	110.1	110.5
50°	98.8	101.6	104.6	107.4	109.7	111.6	113.3	115.1	117.1	118.7	119.7
47.5°	103.4	106.8	110.4	113.9	116.5	119.4	122.1	124.8	128.5	131.6	133.8
45°	108.4	112.7	116.8	121.1	124.8	130.3	135.4	139.8	145.6	150.9	155.1
42.5°	114.2	119.5	124.5	131.5	138.8	146.3	154.4	161.4	170.5	179.7	187.2
40°	121.0	127.8	136.8	146.2	157.7	168.0	182.0	194.5	208.4	226.1	240.6
37.5°	129.3	139.8	152.2	165.3	183.2	200.4	223.5	247.9	270.0	303.9	332.5
35°	140.1	154.7	171.1	194.1	219.6	251.7	287.8	334.9	375.3	432.5	487.3
32.5°	153.9	172.7	199.4	235.1	272.7	331.1	388.4	470.1	545.8	636.5	734.5
30°	169.3	197.9	238.8	287.7	357.8	443.7	544.7	670.2	807.6	935.1	1060.8
27.5°	191.6	232.6	286.4	365.3	474.5	594.7	771.5	941.9	1119.7	1277.7	1409.6
25°	217.7	271.9	355.0	471.1	618.9	824.7	1036.3	1246.7	1437.9	1603.3	1749.0
22.5°	251.3	329.4	440.1	590.5	820.6	1067.2	1315.4	1547.5	1751.4	1935.7	2093.4
20°	287.9	385.6	543.7	768.0	1031.1	1312.1	1592.4	1839.5	2064.1	2273.0	2450.7
17.5°	334.3	471.1	671.3	940.4	1244.6	1552.5	1846.9	2115.1	2369.9	2591.0	2776.6
15°	373.8	546.4	807.7	1123.3	1452.4	1777.1	2088.0	2379.3	2644.2	2871.0	3045.5
12.5°	426.6	630.8	928.8	1280.5	1637.1	1978.8	2306.2	2607.3	2876.9	3101.2	3237.1
10°	476.4	718.1	1045.8	1412.7	1783.1	2147.2	2496.8	2805.6	3055.9	3234.3	3350.1
7.5°	518.8	793.2	1141.0	1519.5	1899.1	2279.8	2633.6	2934.1	3164.9	3313.8	3394.5
5°	550.5	849.3	1211.7	1606.2	1995.8	2383.2	2734.2	3016.3	3215.7	3326.4	3366.9
2.5°	570.6	882.3	1252.7	1663.2	2060.5	2448.6	2803.3	3080.9	3250.1	3323.5	3330.5
0°	578.7	886.6	1259.0	1693.0	2076.8	2467.2	2822.9	3107.5	3262.9	3323.3	3322.1
-2.5°	570.6	882.3	1252.7	1663.2	2060.5	2448.6	2803.3	3080.9	3250.1	3323.5	3330.5
-5°	550.5	849.3	1211.7	1606.2	1995.8	2383.2	2734.2	3016.3	3215.7	3326.4	3366.9
-7.5°	518.8	793.2	1141.0	1519.5	1899.1	2279.8	2633.6	2934.1	3164.9	3313.8	3394.5
-10°	476.4	718.1	1045.8	1412.7	1783.1	2147.2	2496.8	2805.6	3055.9	3234.3	3350.1
-12.5°	426.6	630.8	928.8	1280.5	1637.1	1978.8	2306.2	2607.3	2876.9	3101.2	3237.1
-15°	373.8	546.4	807.7	1123.3	1452.4	1777.1	2088.0	2379.3	2644.2	2871.0	3045.5
-17.5°	334.3	471.1	671.3	940.4	1244.6	1552.5	1846.9	2115.1	2369.9	2591.0	2776.6
-20°	287.9	385.6	543.7	768.0	1031.1	1312.1	1592.4	1839.5	2064.1	2273.0	2450.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	251.3	329.4	440.1	590.5	820.6	1067.2	1315.4	1547.5	1751.4	1935.7	2093.4
-25°	217.7	271.9	355.0	471.1	618.9	824.7	1036.3	1246.7	1437.9	1603.3	1749.0
-27.5°	191.6	232.6	286.4	365.3	474.5	594.7	771.5	941.9	1119.7	1277.7	1409.6
-30°	169.3	197.9	238.8	287.7	357.8	443.7	544.7	670.2	807.6	935.1	1060.8
-32.5°	153.9	172.7	199.4	235.1	272.7	331.1	388.4	470.1	545.8	636.5	734.5
-35°	140.1	154.7	171.1	194.1	219.6	251.7	287.8	334.9	375.3	432.5	487.3
-37.5°	129.3	139.8	152.2	165.3	183.2	200.4	223.5	247.9	270.0	303.9	332.5
-40°	121.0	127.8	136.8	146.2	157.7	168.0	182.0	194.5	208.4	226.1	240.6
-42.5°	114.2	119.5	124.5	131.5	138.8	146.3	154.4	161.4	170.5	179.7	187.2
-45°	108.4	112.7	116.8	121.1	124.8	130.3	135.4	139.8	145.6	150.9	155.1
-47.5°	103.4	106.8	110.4	113.9	116.5	119.4	122.1	124.8	128.5	131.6	133.8
-50°	98.8	101.6	104.6	107.4	109.7	111.6	113.3	115.1	117.1	118.7	119.7
-52.5°	94.3	97.1	99.5	101.5	103.6	105.3	106.7	108.0	109.2	110.1	110.5
-55°	90.2	92.7	95.2	96.9	98.5	99.9	101.1	102.1	102.9	103.5	103.7
-57.5°	85.6	88.0	90.2	91.9	93.5	95.1	96.2	96.9	97.5	97.9	98.1
-60°	80.1	82.8	84.5	85.9	87.5	89.2	90.1	90.9	91.6	92.2	92.7
-62.5°	73.4	75.7	77.3	78.7	79.9	81.0	82.3	83.4	84.2	84.9	85.8
-65°	65.7	68.0	69.4	70.5	71.4	72.4	73.9	75.2	76.2	76.9	77.6
-67.5°	57.9	60.0	61.5	62.7	63.6	64.6	66.0	67.2	68.4	69.1	69.6
-70°	49.9	51.9	53.5	54.8	55.9	56.9	58.0	59.1	60.1	60.6	60.8
-72.5°	41.9	43.6	45.2	46.6	47.8	48.8	49.6	50.4	51.0	51.4	51.7
-75°	34.3	35.7	37.0	38.2	39.4	40.3	41.1	41.8	42.4	42.6	42.8
-77.5°	27.0	28.1	29.0	29.9	30.8	31.6	32.4	33.0	33.6	33.8	33.7
-80°	20.2	20.9	21.5	22.0	22.5	23.1	23.7	24.1	24.5	24.8	24.9
-82.5°	13.7	14.1	14.5	14.8	15.1	15.6	16.0	16.3	16.6	16.8	17.0
-85°	7.8	8.0	8.1	8.3	8.4	8.7	9.1	9.4	9.7	9.7	9.7
-87.5°	2.9	2.9	2.9	2.8	2.7	2.9	3.1	3.3	3.5	3.4	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: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MWR-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°	3.1	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.4	3.5	3.3
85°	9.6	9.6	9.3	9.0	9.3	9.6	9.6	9.7	9.7	9.7	9.4
82.5°	17.1	17.2	17.0	16.7	17.0	17.2	17.1	17.0	16.8	16.6	16.3
80°	25.0	25.0	24.8	24.5	24.8	25.0	25.0	24.9	24.8	24.5	24.1
77.5°	33.6	33.4	33.5	33.5	33.5	33.4	33.6	33.7	33.8	33.6	33.0
75°	42.8	42.8	42.7	42.4	42.7	42.8	42.8	42.8	42.6	42.4	41.8
72.5°	51.8	51.8	51.7	51.4	51.7	51.8	51.8	51.7	51.4	51.0	50.4
70°	60.9	60.8	60.9	61.0	60.9	60.8	60.9	60.8	60.6	60.1	59.1
67.5°	69.9	70.2	70.1	69.9	70.1	70.2	69.9	69.6	69.1	68.4	67.2
65°	78.2	78.6	78.8	78.9	78.8	78.6	78.2	77.6	76.9	76.2	75.2
62.5°	86.4	86.9	86.9	86.7	86.9	86.9	86.4	85.8	84.9	84.2	83.4
60°	93.0	93.1	93.0	92.7	93.0	93.1	93.0	92.7	92.2	91.6	90.9
57.5°	98.1	97.9	97.7	97.4	97.7	97.9	98.1	98.1	97.9	97.5	96.9
55°	103.6	103.3	103.1	102.8	103.1	103.3	103.6	103.7	103.5	102.9	102.1
52.5°	110.6	110.4	110.3	110.0	110.3	110.4	110.6	110.5	110.1	109.2	108.0
50°	120.3	120.4	120.4	120.2	120.4	120.4	120.3	119.7	118.7	117.1	115.1
47.5°	135.2	136.0	136.6	136.9	136.6	136.0	135.2	133.8	131.6	128.5	124.8
45°	157.7	159.3	160.5	161.4	160.5	159.3	157.7	155.1	150.9	145.6	139.8
42.5°	192.5	196.0	197.7	197.3	197.7	196.0	192.5	187.2	179.7	170.5	161.4
40°	250.3	256.1	259.3	261.8	259.3	256.1	250.3	240.6	226.1	208.4	194.5
37.5°	352.0	363.2	369.1	374.2	369.1	363.2	352.0	332.5	303.9	270.0	247.9
35°	528.2	553.3	566.8	571.5	566.8	553.3	528.2	487.3	432.5	375.3	334.9
32.5°	810.7	857.1	882.8	902.7	882.8	857.1	810.7	734.5	636.5	545.8	470.1
30°	1160.4	1221.6	1255.6	1272.2	1255.6	1221.6	1160.4	1060.8	935.1	807.6	670.2
27.5°	1518.9	1588.4	1625.0	1623.1	1625.0	1588.4	1518.9	1409.6	1277.7	1119.7	941.9
25°	1873.9	1954.4	1990.9	2023.6	1990.9	1954.4	1873.9	1749.0	1603.3	1437.9	1246.7
22.5°	2232.9	2327.1	2378.6	2402.6	2378.6	2327.1	2232.9	2093.4	1935.7	1751.4	1547.5
20°	2587.7	2692.6	2747.1	2770.9	2747.1	2692.6	2587.7	2450.7	2273.0	2064.1	1839.5
17.5°	2902.3	3004.7	3056.7	3078.8	3056.7	3004.7	2902.3	2776.6	2591.0	2369.9	2115.1
15°	3153.6	3229.1	3273.3	3285.0	3273.3	3229.1	3153.6	3045.5	2871.0	2644.2	2379.3
12.5°	3327.2	3356.5	3377.8	3384.3	3377.8	3356.5	3327.2	3237.1	3101.2	2876.9	2607.3
10°	3416.0	3402.8	3397.3	3398.0	3397.3	3402.8	3416.0	3350.1	3234.3	3055.9	2805.6
7.5°	3409.9	3390.3	3351.0	3344.8	3351.0	3390.3	3409.9	3394.5	3313.8	3164.9	2934.1
5°	3360.9	3325.3	3260.1	3241.4	3260.1	3325.3	3360.9	3366.9	3326.4	3215.7	3016.3
2.5°	3303.8	3239.6	3179.6	3141.0	3179.6	3239.6	3303.8	3330.5	3323.5	3250.1	3080.9
0°	3286.8	3212.7	3135.0	3109.9	3135.0	3212.7	3286.8	3322.1	3323.3	3262.9	3107.5
-2.5°	3303.8	3239.6	3179.6	3141.0	3179.6	3239.6	3303.8	3330.5	3323.5	3250.1	3080.9
-5°	3360.9	3325.3	3260.1	3241.4	3260.1	3325.3	3360.9	3366.9	3326.4	3215.7	3016.3
-7.5°	3409.9	3390.3	3351.0	3344.8	3351.0	3390.3	3409.9	3394.5	3313.8	3164.9	2934.1
-10°	3416.0	3402.8	3397.3	3398.0	3397.3	3402.8	3416.0	3350.1	3234.3	3055.9	2805.6
-12.5°	3327.2	3356.5	3377.8	3384.3	3377.8	3356.5	3327.2	3237.1	3101.2	2876.9	2607.3
-15°	3153.6	3229.1	3273.3	3285.0	3273.3	3229.1	3153.6	3045.5	2871.0	2644.2	2379.3
-17.5°	2902.3	3004.7	3056.7	3078.8	3056.7	3004.7	2902.3	2776.6	2591.0	2369.9	2115.1
-20°	2587.7	2692.6	2747.1	2770.9	2747.1	2692.6	2587.7	2450.7	2273.0	2064.1	1839.5



REPORT NUMBER: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2232.9	2327.1	2378.6	2402.6	2378.6	2327.1	2232.9	2093.4	1935.7	1751.4	1547.5
-25°	1873.9	1954.4	1990.9	2023.6	1990.9	1954.4	1873.9	1749.0	1603.3	1437.9	1246.7
-27.5°	1518.9	1588.4	1625.0	1623.1	1625.0	1588.4	1518.9	1409.6	1277.7	1119.7	941.9
-30°	1160.4	1221.6	1255.6	1272.2	1255.6	1221.6	1160.4	1060.8	935.1	807.6	670.2
-32.5°	810.7	857.1	882.8	902.7	882.8	857.1	810.7	734.5	636.5	545.8	470.1
-35°	528.2	553.3	566.8	571.5	566.8	553.3	528.2	487.3	432.5	375.3	334.9
-37.5°	352.0	363.2	369.1	374.2	369.1	363.2	352.0	332.5	303.9	270.0	247.9
-40°	250.3	256.1	259.3	261.8	259.3	256.1	250.3	240.6	226.1	208.4	194.5
-42.5°	192.5	196.0	197.7	197.3	197.7	196.0	192.5	187.2	179.7	170.5	161.4
-45°	157.7	159.3	160.5	161.4	160.5	159.3	157.7	155.1	150.9	145.6	139.8
-47.5°	135.2	136.0	136.6	136.9	136.6	136.0	135.2	133.8	131.6	128.5	124.8
-50°	120.3	120.4	120.4	120.2	120.4	120.4	120.3	119.7	118.7	117.1	115.1
-52.5°	110.6	110.4	110.3	110.0	110.3	110.4	110.6	110.5	110.1	109.2	108.0
-55°	103.6	103.3	103.1	102.8	103.1	103.3	103.6	103.7	103.5	102.9	102.1
-57.5°	98.1	97.9	97.7	97.4	97.7	97.9	98.1	98.1	97.9	97.5	96.9
-60°	93.0	93.1	93.0	92.7	93.0	93.1	93.0	92.7	92.2	91.6	90.9
-62.5°	86.4	86.9	86.9	86.7	86.9	86.9	86.4	85.8	84.9	84.2	83.4
-65°	78.2	78.6	78.8	78.9	78.8	78.6	78.2	77.6	76.9	76.2	75.2
-67.5°	69.9	70.2	70.1	69.9	70.1	70.2	69.9	69.6	69.1	68.4	67.2
-70°	60.9	60.8	60.9	61.0	60.9	60.8	60.9	60.8	60.6	60.1	59.1
-72.5°	51.8	51.8	51.7	51.4	51.7	51.8	51.8	51.7	51.4	51.0	50.4
-75°	42.8	42.8	42.7	42.4	42.7	42.8	42.8	42.8	42.6	42.4	41.8
-77.5°	33.6	33.4	33.5	33.5	33.5	33.4	33.6	33.7	33.8	33.6	33.0
-80°	25.0	25.0	24.8	24.5	24.8	25.0	25.0	24.9	24.8	24.5	24.1
-82.5°	17.1	17.2	17.0	16.7	17.0	17.2	17.1	17.0	16.8	16.6	16.3
-85°	9.6	9.6	9.3	9.0	9.3	9.6	9.6	9.7	9.7	9.7	9.4
-87.5°	3.1	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.4	3.5	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MWR-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°	3.1	2.9	2.7	2.8	2.9	2.9	2.9	2.9	2.8	2.7	2.5
85°	9.1	8.7	8.4	8.3	8.1	8.0	7.8	7.5	7.1	6.7	6.3
82.5°	16.0	15.6	15.1	14.8	14.5	14.1	13.7	13.0	12.4	11.7	11.0
80°	23.7	23.1	22.5	22.0	21.5	20.9	20.2	19.1	18.1	17.0	16.0
77.5°	32.4	31.6	30.8	29.9	29.0	28.1	27.0	25.7	24.4	23.1	21.7
75°	41.1	40.3	39.4	38.2	37.0	35.7	34.3	32.7	31.1	29.4	27.7
72.5°	49.6	48.8	47.8	46.6	45.2	43.6	41.9	40.0	38.0	35.9	33.9
70°	58.0	56.9	55.9	54.8	53.5	51.9	49.9	47.6	45.2	42.7	40.4
67.5°	66.0	64.6	63.6	62.7	61.5	60.0	57.9	55.4	52.7	49.9	47.1
65°	73.9	72.4	71.4	70.5	69.4	68.0	65.7	63.2	60.4	57.2	53.9
62.5°	82.3	81.0	79.9	78.7	77.3	75.7	73.4	70.8	68.0	64.7	60.9
60°	90.1	89.2	87.5	85.9	84.5	82.8	80.1	77.6	75.3	71.5	67.4
57.5°	96.2	95.1	93.5	91.9	90.2	88.0	85.6	83.2	80.5	77.3	73.5
55°	101.1	99.9	98.5	96.9	95.2	92.7	90.2	87.7	85.0	82.3	78.6
52.5°	106.7	105.3	103.6	101.5	99.5	97.1	94.3	91.6	89.2	86.4	83.4
50°	113.3	111.6	109.7	107.4	104.6	101.6	98.8	95.6	93.1	90.4	87.3
47.5°	122.1	119.4	116.5	113.9	110.4	106.8	103.4	100.2	97.2	94.3	91.2
45°	135.4	130.3	124.8	121.1	116.8	112.7	108.4	104.7	101.2	98.0	95.1
42.5°	154.4	146.3	138.8	131.5	124.5	119.5	114.2	109.6	105.4	101.5	98.1
40°	182.0	168.0	157.7	146.2	136.8	127.8	121.0	114.9	110.0	105.4	101.2
37.5°	223.5	200.4	183.2	165.3	152.2	139.8	129.3	121.2	114.6	109.3	104.4
35°	287.8	251.7	219.6	194.1	171.1	154.7	140.1	128.7	120.2	113.4	107.6
32.5°	388.4	331.1	272.7	235.1	199.4	172.7	153.9	138.3	126.3	118.1	111.2
30°	544.7	443.7	357.8	287.7	238.8	197.9	169.3	150.3	134.9	122.8	114.8
27.5°	771.5	594.7	474.5	365.3	286.4	232.6	191.6	163.0	143.9	129.6	119.0
25°	1036.3	824.7	618.9	471.1	355.0	271.9	217.7	180.9	155.1	136.6	122.6
22.5°	1315.4	1067.2	820.6	590.5	440.1	329.4	251.3	199.0	165.7	144.1	128.0
20°	1592.4	1312.1	1031.1	768.0	543.7	385.6	287.9	222.9	180.4	152.4	133.0
17.5°	1846.9	1552.5	1244.6	940.4	671.3	471.1	334.3	247.1	193.3	159.8	137.4
15°	2088.0	1777.1	1452.4	1123.3	807.7	546.4	373.8	268.2	206.6	168.4	143.1
12.5°	2306.2	1978.8	1637.1	1280.5	928.8	630.8	426.6	299.2	223.0	177.4	148.5
10°	2496.8	2147.2	1783.1	1412.7	1045.8	718.1	476.4	325.7	237.2	184.8	152.9
7.5°	2633.6	2279.8	1899.1	1519.5	1141.0	793.2	518.8	346.7	248.4	190.5	156.3
5°	2734.2	2383.2	1995.8	1606.2	1211.7	849.3	550.5	361.5	256.4	194.5	158.7
2.5°	2803.3	2448.6	2060.5	1663.2	1252.7	882.3	570.6	369.4	260.2	197.5	160.0
0°	2822.9	2467.2	2076.8	1693.0	1259.0	886.6	578.7	370.6	260.1	199.1	160.2
-2.5°	2803.3	2448.6	2060.5	1663.2	1252.7	882.3	570.6	369.4	260.2	197.5	160.0
-5°	2734.2	2383.2	1995.8	1606.2	1211.7	849.3	550.5	361.5	256.4	194.5	158.7
-7.5°	2633.6	2279.8	1899.1	1519.5	1141.0	793.2	518.8	346.7	248.4	190.5	156.3
-10°	2496.8	2147.2	1783.1	1412.7	1045.8	718.1	476.4	325.7	237.2	184.8	152.9
-12.5°	2306.2	1978.8	1637.1	1280.5	928.8	630.8	426.6	299.2	223.0	177.4	148.5
-15°	2088.0	1777.1	1452.4	1123.3	807.7	546.4	373.8	268.2	206.6	168.4	143.1
-17.5°	1846.9	1552.5	1244.6	940.4	671.3	471.1	334.3	247.1	193.3	159.8	137.4
-20°	1592.4	1312.1	1031.1	768.0	543.7	385.6	287.9	222.9	180.4	152.4	133.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1315.4	1067.2	820.6	590.5	440.1	329.4	251.3	199.0	165.7	144.1	128.0
-25°	1036.3	824.7	618.9	471.1	355.0	271.9	217.7	180.9	155.1	136.6	122.6
-27.5°	771.5	594.7	474.5	365.3	286.4	232.6	191.6	163.0	143.9	129.6	119.0
-30°	544.7	443.7	357.8	287.7	238.8	197.9	169.3	150.3	134.9	122.8	114.8
-32.5°	388.4	331.1	272.7	235.1	199.4	172.7	153.9	138.3	126.3	118.1	111.2
-35°	287.8	251.7	219.6	194.1	171.1	154.7	140.1	128.7	120.2	113.4	107.6
-37.5°	223.5	200.4	183.2	165.3	152.2	139.8	129.3	121.2	114.6	109.3	104.4
-40°	182.0	168.0	157.7	146.2	136.8	127.8	121.0	114.9	110.0	105.4	101.2
-42.5°	154.4	146.3	138.8	131.5	124.5	119.5	114.2	109.6	105.4	101.5	98.1
-45°	135.4	130.3	124.8	121.1	116.8	112.7	108.4	104.7	101.2	98.0	95.1
-47.5°	122.1	119.4	116.5	113.9	110.4	106.8	103.4	100.2	97.2	94.3	91.2
-50°	113.3	111.6	109.7	107.4	104.6	101.6	98.8	95.6	93.1	90.4	87.3
-52.5°	106.7	105.3	103.6	101.5	99.5	97.1	94.3	91.6	89.2	86.4	83.4
-55°	101.1	99.9	98.5	96.9	95.2	92.7	90.2	87.7	85.0	82.3	78.6
-57.5°	96.2	95.1	93.5	91.9	90.2	88.0	85.6	83.2	80.5	77.3	73.5
-60°	90.1	89.2	87.5	85.9	84.5	82.8	80.1	77.6	75.3	71.5	67.4
-62.5°	82.3	81.0	79.9	78.7	77.3	75.7	73.4	70.8	68.0	64.7	60.9
-65°	73.9	72.4	71.4	70.5	69.4	68.0	65.7	63.2	60.4	57.2	53.9
-67.5°	66.0	64.6	63.6	62.7	61.5	60.0	57.9	55.4	52.7	49.9	47.1
-70°	58.0	56.9	55.9	54.8	53.5	51.9	49.9	47.6	45.2	42.7	40.4
-72.5°	49.6	48.8	47.8	46.6	45.2	43.6	41.9	40.0	38.0	35.9	33.9
-75°	41.1	40.3	39.4	38.2	37.0	35.7	34.3	32.7	31.1	29.4	27.7
-77.5°	32.4	31.6	30.8	29.9	29.0	28.1	27.0	25.7	24.4	23.1	21.7
-80°	23.7	23.1	22.5	22.0	21.5	20.9	20.2	19.1	18.1	17.0	16.0
-82.5°	16.0	15.6	15.1	14.8	14.5	14.1	13.7	13.0	12.4	11.7	11.0
-85°	9.1	8.7	8.4	8.3	8.1	8.0	7.8	7.5	7.1	6.7	6.3
-87.5°	3.1	2.9	2.7	2.8	2.9	2.9	2.9	2.9	2.8	2.7	2.5
-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: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MWR-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°	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.3	1.1	0.9
85°	5.9	5.5	5.0	4.6	4.1	3.6	3.3	3.0	2.6	2.3	1.9
82.5°	10.4	9.7	9.0	8.3	7.5	6.7	5.9	5.2	4.3	3.4	2.8
80°	15.1	14.2	13.2	12.2	11.1	9.8	8.7	7.7	6.7	5.6	4.4
77.5°	20.4	19.0	17.5	16.2	14.9	13.5	11.9	10.4	9.0	7.7	6.3
75°	26.0	24.3	22.6	20.8	19.0	17.1	15.4	13.5	11.7	9.8	8.2
72.5°	31.9	29.8	27.7	25.5	23.3	21.2	18.9	16.7	14.6	12.4	10.2
70°	38.0	35.5	33.0	30.5	27.9	25.2	22.6	20.0	17.4	14.9	12.4
67.5°	44.1	41.3	38.4	35.5	32.6	29.6	26.4	23.3	20.3	17.4	14.6
65°	50.7	47.3	43.9	40.6	37.3	34.0	30.5	26.7	23.2	19.9	16.7
62.5°	57.1	53.4	49.6	45.6	41.9	38.2	34.5	30.3	26.1	22.4	18.8
60°	63.4	59.2	55.1	50.7	46.4	42.3	38.2	33.8	29.2	24.8	20.9
57.5°	69.1	64.8	60.1	55.5	50.9	46.3	41.8	37.1	32.3	27.4	22.9
55°	74.4	69.7	64.9	59.9	55.1	50.2	45.3	40.3	35.2	30.0	24.9
52.5°	79.4	74.5	69.4	64.1	58.9	53.9	48.7	43.3	37.9	32.5	27.1
50°	83.9	79.2	73.7	68.2	62.6	57.3	52.0	46.3	40.6	34.9	29.2
47.5°	87.6	83.3	78.0	72.1	66.2	60.6	55.1	49.2	43.2	37.2	31.2
45°	91.2	87.1	82.0	76.0	69.8	63.9	58.0	52.0	45.7	39.4	33.2
42.5°	94.6	90.5	85.7	79.6	73.3	67.0	60.9	54.6	48.1	41.5	35.0
40°	97.4	93.5	89.2	83.2	76.6	70.0	63.6	57.1	50.4	43.5	36.7
37.5°	100.2	96.2	91.8	86.5	79.6	72.8	66.2	59.6	52.6	45.4	38.4
35°	102.9	98.7	94.1	89.1	82.5	75.5	68.6	61.8	54.6	47.3	39.9
32.5°	105.4	101.0	96.2	91.2	85.1	77.9	70.8	63.8	56.6	49.1	41.3
30°	108.3	102.9	98.1	93.2	87.4	80.1	72.9	65.7	58.3	50.7	42.6
27.5°	111.0	104.8	99.8	94.9	89.1	82.2	74.8	67.4	59.9	52.2	44.0
25°	113.7	106.9	101.4	96.3	90.8	84.1	76.5	68.9	61.4	53.5	45.2
22.5°	116.8	108.9	102.9	97.5	92.5	85.8	78.1	70.4	62.6	54.7	46.3
20°	119.5	110.5	104.3	98.7	93.7	87.2	79.5	71.6	63.8	55.8	47.3
17.5°	122.2	112.4	105.7	99.8	94.6	88.3	80.8	72.8	64.8	56.7	48.2
15°	125.9	114.5	106.8	100.8	95.3	89.3	81.8	73.7	65.6	57.5	49.0
12.5°	129.1	116.2	107.8	101.6	95.9	90.1	82.7	74.5	66.3	58.1	49.8
10°	131.7	117.6	108.6	102.2	96.4	90.7	83.4	75.2	67.0	58.7	50.3
7.5°	133.6	118.7	109.1	102.6	96.7	91.2	84.0	75.7	67.5	59.2	50.8
5°	135.0	119.4	109.5	102.9	96.9	91.5	84.5	76.2	67.9	59.5	51.1
2.5°	135.7	119.7	109.9	102.9	96.9	91.6	84.8	76.4	68.1	59.7	51.3
0°	135.7	119.6	110.0	102.8	96.8	91.5	84.9	76.5	68.2	59.8	51.4
-2.5°	135.7	119.7	109.9	102.9	96.9	91.6	84.8	76.4	68.1	59.7	51.3
-5°	135.0	119.4	109.5	102.9	96.9	91.5	84.5	76.2	67.9	59.5	51.1
-7.5°	133.6	118.7	109.1	102.6	96.7	91.2	84.0	75.7	67.5	59.2	50.8
-10°	131.7	117.6	108.6	102.2	96.4	90.7	83.4	75.2	67.0	58.7	50.3
-12.5°	129.1	116.2	107.8	101.6	95.9	90.1	82.7	74.5	66.3	58.1	49.8
-15°	125.9	114.5	106.8	100.8	95.3	89.3	81.8	73.7	65.6	57.5	49.0
-17.5°	122.2	112.4	105.7	99.8	94.6	88.3	80.8	72.8	64.8	56.7	48.2
-20°	119.5	110.5	104.3	98.7	93.7	87.2	79.5	71.6	63.8	55.8	47.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	116.8	108.9	102.9	97.5	92.5	85.8	78.1	70.4	62.6	54.7	46.3
-25°	113.7	106.9	101.4	96.3	90.8	84.1	76.5	68.9	61.4	53.5	45.2
-27.5°	111.0	104.8	99.8	94.9	89.1	82.2	74.8	67.4	59.9	52.2	44.0
-30°	108.3	102.9	98.1	93.2	87.4	80.1	72.9	65.7	58.3	50.7	42.6
-32.5°	105.4	101.0	96.2	91.2	85.1	77.9	70.8	63.8	56.6	49.1	41.3
-35°	102.9	98.7	94.1	89.1	82.5	75.5	68.6	61.8	54.6	47.3	39.9
-37.5°	100.2	96.2	91.8	86.5	79.6	72.8	66.2	59.6	52.6	45.4	38.4
-40°	97.4	93.5	89.2	83.2	76.6	70.0	63.6	57.1	50.4	43.5	36.7
-42.5°	94.6	90.5	85.7	79.6	73.3	67.0	60.9	54.6	48.1	41.5	35.0
-45°	91.2	87.1	82.0	76.0	69.8	63.9	58.0	52.0	45.7	39.4	33.2
-47.5°	87.6	83.3	78.0	72.1	66.2	60.6	55.1	49.2	43.2	37.2	31.2
-50°	83.9	79.2	73.7	68.2	62.6	57.3	52.0	46.3	40.6	34.9	29.2
-52.5°	79.4	74.5	69.4	64.1	58.9	53.9	48.7	43.3	37.9	32.5	27.1
-55°	74.4	69.7	64.9	59.9	55.1	50.2	45.3	40.3	35.2	30.0	24.9
-57.5°	69.1	64.8	60.1	55.5	50.9	46.3	41.8	37.1	32.3	27.4	22.9
-60°	63.4	59.2	55.1	50.7	46.4	42.3	38.2	33.8	29.2	24.8	20.9
-62.5°	57.1	53.4	49.6	45.6	41.9	38.2	34.5	30.3	26.1	22.4	18.8
-65°	50.7	47.3	43.9	40.6	37.3	34.0	30.5	26.7	23.2	19.9	16.7
-67.5°	44.1	41.3	38.4	35.5	32.6	29.6	26.4	23.3	20.3	17.4	14.6
-70°	38.0	35.5	33.0	30.5	27.9	25.2	22.6	20.0	17.4	14.9	12.4
-72.5°	31.9	29.8	27.7	25.5	23.3	21.2	18.9	16.7	14.6	12.4	10.2
-75°	26.0	24.3	22.6	20.8	19.0	17.1	15.4	13.5	11.7	9.8	8.2
-77.5°	20.4	19.0	17.5	16.2	14.9	13.5	11.9	10.4	9.0	7.7	6.3
-80°	15.1	14.2	13.2	12.2	11.1	9.8	8.7	7.7	6.7	5.6	4.4
-82.5°	10.4	9.7	9.0	8.3	7.5	6.7	5.9	5.2	4.3	3.4	2.8
-85°	5.9	5.5	5.0	4.6	4.1	3.6	3.3	3.0	2.6	2.3	1.9
-87.5°	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.3	1.1	0.9
-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: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-MWR-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°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
80°	3.2	2.6	2.1	1.6	1.0	0.5	0.0
77.5°	4.9	3.5	2.6	1.9	1.3	0.6	0.0
75°	6.5	4.9	3.2	2.3	1.6	0.8	0.0
72.5°	8.2	6.3	4.3	2.7	1.8	0.9	0.0
70°	9.8	7.6	5.4	3.2	2.0	1.0	0.0
67.5°	11.7	8.9	6.5	4.0	2.3	1.1	0.0
65°	13.5	10.3	7.5	4.7	2.5	1.3	0.0
62.5°	15.3	11.8	8.5	5.5	2.8	1.4	0.0
60°	17.0	13.2	9.5	6.3	3.0	1.5	0.0
57.5°	18.7	14.6	10.6	7.0	3.5	1.6	0.0
55°	20.4	15.9	11.7	7.7	3.9	1.7	0.0
52.5°	22.1	17.2	12.7	8.4	4.4	1.8	0.0
50°	23.7	18.6	13.7	9.1	4.8	1.9	0.0
47.5°	25.3	19.9	14.6	9.8	5.3	2.0	0.0
45°	27.0	21.2	15.5	10.4	5.7	2.1	0.0
42.5°	28.6	22.4	16.4	11.1	6.0	2.2	0.0
40°	30.1	23.6	17.3	11.7	6.4	2.3	0.0
37.5°	31.5	24.7	18.2	12.2	6.7	2.4	0.0
35°	32.8	25.8	19.0	12.7	7.0	2.5	0.0
32.5°	34.1	26.9	19.8	13.2	7.3	2.5	0.0
30°	35.2	27.8	20.6	13.7	7.6	2.6	0.0
27.5°	36.2	28.7	21.2	14.1	7.9	2.7	0.0
25°	37.2	29.5	21.8	14.5	8.1	2.7	0.0
22.5°	38.0	30.2	22.4	14.8	8.3	2.8	0.0
20°	38.8	30.9	22.9	15.1	8.5	2.8	0.0
17.5°	39.4	31.4	23.3	15.4	8.6	2.9	0.0
15°	40.0	31.8	23.7	15.6	8.7	2.9	0.0
12.5°	40.6	32.2	24.0	15.8	8.8	2.9	0.0
10°	41.0	32.5	24.2	15.9	8.9	3.0	0.0
7.5°	41.3	32.7	24.4	16.0	9.0	3.0	0.0
5°	41.6	32.9	24.5	16.1	9.0	3.0	0.0
2.5°	41.7	32.9	24.5	16.1	9.0	3.0	0.0
0°	41.8	32.9	24.5	16.1	9.0	3.0	0.0
-2.5°	41.7	32.9	24.5	16.1	9.0	3.0	0.0
-5°	41.6	32.9	24.5	16.1	9.0	3.0	0.0
-7.5°	41.3	32.7	24.4	16.0	9.0	3.0	0.0
-10°	41.0	32.5	24.2	15.9	8.9	3.0	0.0
-12.5°	40.6	32.2	24.0	15.8	8.8	2.9	0.0
-15°	40.0	31.8	23.7	15.6	8.7	2.9	0.0
-17.5°	39.4	31.4	23.3	15.4	8.6	2.9	0.0
-20°	38.8	30.9	22.9	15.1	8.5	2.8	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626557 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	38.0	30.2	22.4	14.8	8.3	2.8	0.0
-25°	37.2	29.5	21.8	14.5	8.1	2.7	0.0
-27.5°	36.2	28.7	21.2	14.1	7.9	2.7	0.0
-30°	35.2	27.8	20.6	13.7	7.6	2.6	0.0
-32.5°	34.1	26.9	19.8	13.2	7.3	2.5	0.0
-35°	32.8	25.8	19.0	12.7	7.0	2.5	0.0
-37.5°	31.5	24.7	18.2	12.2	6.7	2.4	0.0
-40°	30.1	23.6	17.3	11.7	6.4	2.3	0.0
-42.5°	28.6	22.4	16.4	11.1	6.0	2.2	0.0
-45°	27.0	21.2	15.5	10.4	5.7	2.1	0.0
-47.5°	25.3	19.9	14.6	9.8	5.3	2.0	0.0
-50°	23.7	18.6	13.7	9.1	4.8	1.9	0.0
-52.5°	22.1	17.2	12.7	8.4	4.4	1.8	0.0
-55°	20.4	15.9	11.7	7.7	3.9	1.7	0.0
-57.5°	18.7	14.6	10.6	7.0	3.5	1.6	0.0
-60°	17.0	13.2	9.5	6.3	3.0	1.5	0.0
-62.5°	15.3	11.8	8.5	5.5	2.8	1.4	0.0
-65°	13.5	10.3	7.5	4.7	2.5	1.3	0.0
-67.5°	11.7	8.9	6.5	4.0	2.3	1.1	0.0
-70°	9.8	7.6	5.4	3.2	2.0	1.0	0.0
-72.5°	8.2	6.3	4.3	2.7	1.8	0.9	0.0
-75°	6.5	4.9	3.2	2.3	1.6	0.8	0.0
-77.5°	4.9	3.5	2.6	1.9	1.3	0.6	0.0
-80°	3.2	2.6	2.1	1.6	1.0	0.5	0.0
-82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)