

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: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-735-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N20
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6063.8 lumens
Efficiency: N/A
Efficacy: 139.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 57105.7 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.7°H x 13.6°V
Beam Lumens: 1792.8 lumens
Beam Efficiency: 29.6%

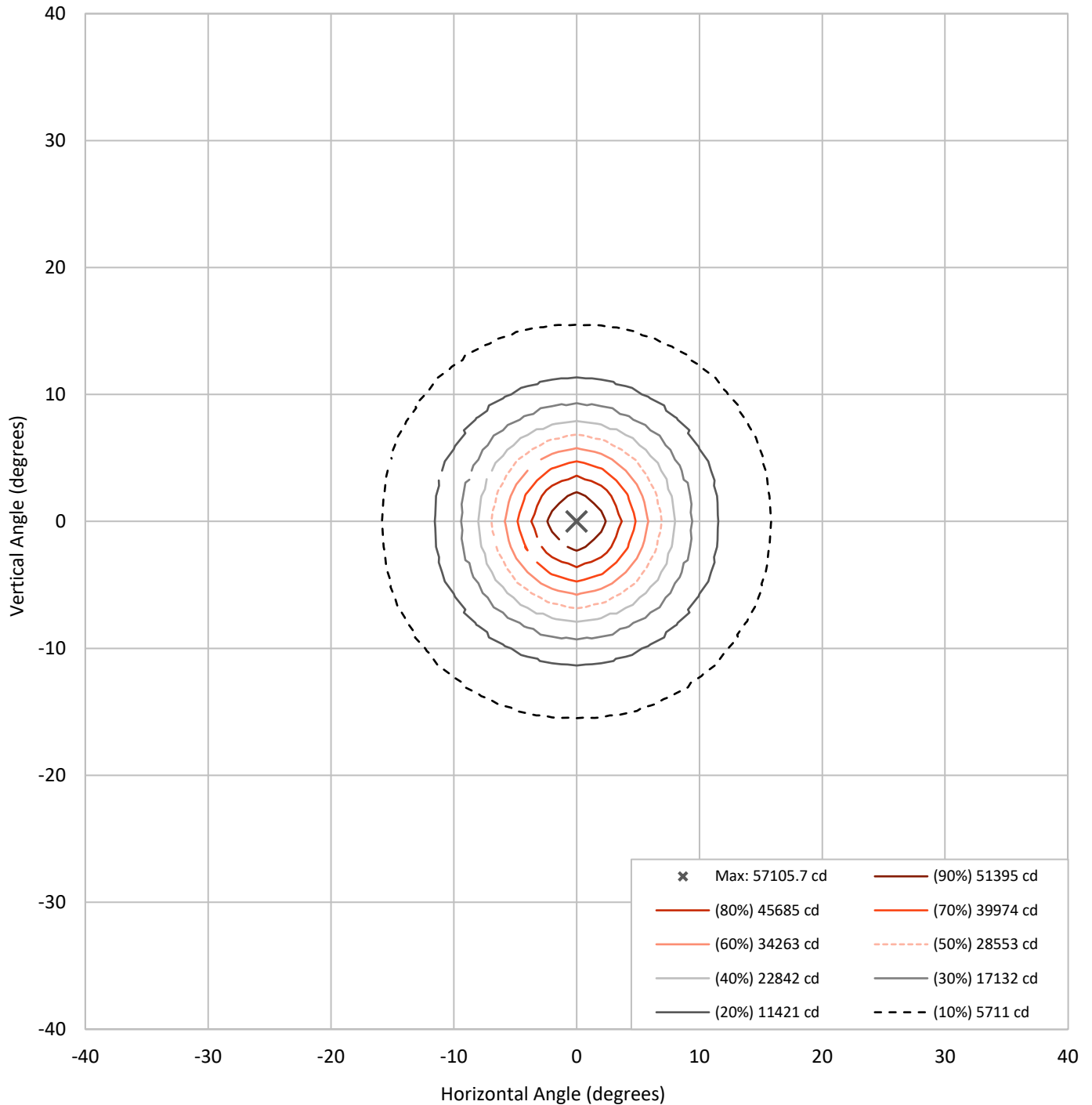
Field Angle (10%): 31.6°H x 30.6°V
Field Lumens: 4034.5 lumens
Field Efficiency: 66.5%

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: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-735-U-NR-XX

Iso-Candela Plot





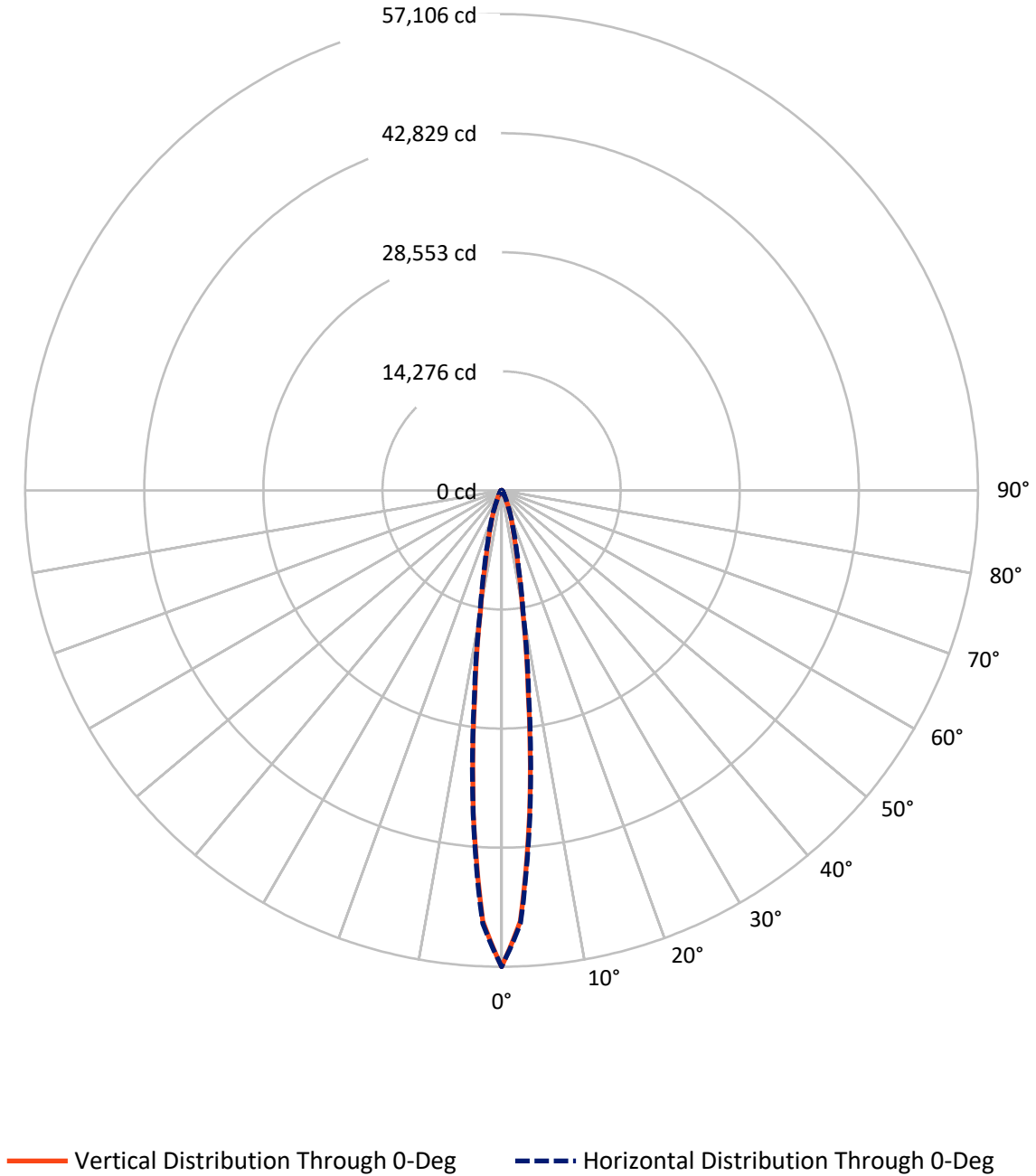
REPORT NUMBER: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-NR-XX

Lumen Table

90	0.1	0.8	2.2	3.5	3.9	3.5	2.2	0.8	0.1							
80	0.1	0.8	2.2	3.5	3.9	3.5	2.2	0.8	0.1							
70	0.4	0.4	0.9	1.4	2.0	2.5	2.8	2.9	2.9	2.8	2.5	2.0	1.4	0.9	0.4	0.4
60		0.6	1.3	2.1	2.9	3.5	3.9	4.1	4.1	3.9	3.5	2.9	2.1	1.3	0.6	
50	0.7	0.8	1.7	2.6	3.5	4.4	5.2	5.6	5.6	5.2	4.4	3.5	2.6	1.7	0.8	0.7
40		1.0	2.0	3.0	4.3	6.2	8.7	10.8	10.8	8.7	6.2	4.3	3.0	2.0	1.0	
30	0.9	1.1	2.2	3.4	5.6	11.1	25.2	41.8	41.8	25.2	11.1	5.6	3.4	2.2	1.1	0.9
20		1.2	2.3	3.8	7.4	23.5	83.5	179.9	179.9	83.5	23.5	7.4	3.8	2.3	1.2	
10	0.9	1.3	2.4	4.0	9.0	38.8	181.6	784.5	784.5	181.6	38.8	9.0	4.0	2.4	1.3	0.9
0		1.3	2.4	4.0	9.0	38.8	181.6	784.5	784.5	181.6	38.8	9.0	4.0	2.4	1.3	
-10	0.9	1.2	2.3	3.8	7.4	23.5	83.5	179.9	179.9	83.5	23.5	7.4	3.8	2.3	1.2	0.9
-20		1.1	2.2	3.4	5.6	11.1	25.2	41.8	41.8	25.2	11.1	5.6	3.4	2.2	1.1	
-30	0.7	1.0	2.0	3.0	4.3	6.2	8.7	10.8	10.8	8.7	6.2	4.3	3.0	2.0	1.0	0.7
-40		0.8	1.7	2.6	3.5	4.4	5.2	5.6	5.6	5.2	4.4	3.5	2.6	1.7	0.8	
-50	0.4	0.6	1.3	2.1	2.9	3.5	3.9	4.1	4.1	3.9	3.5	2.9	2.1	1.3	0.6	0.4
-60		0.4	0.9	1.4	2.0	2.5	2.8	2.9	2.9	2.8	2.5	2.0	1.4	0.9	0.4	
-70	0.1	0.8	2.2	3.5	3.9	3.5	2.2	0.8	0.1							
-80		0.1	0.8	2.2	3.5	3.9	3.5	2.2	0.8	0.1						
-90	0.1	0.8	2.2	3.5	3.9	3.5	2.2	0.8	0.1							

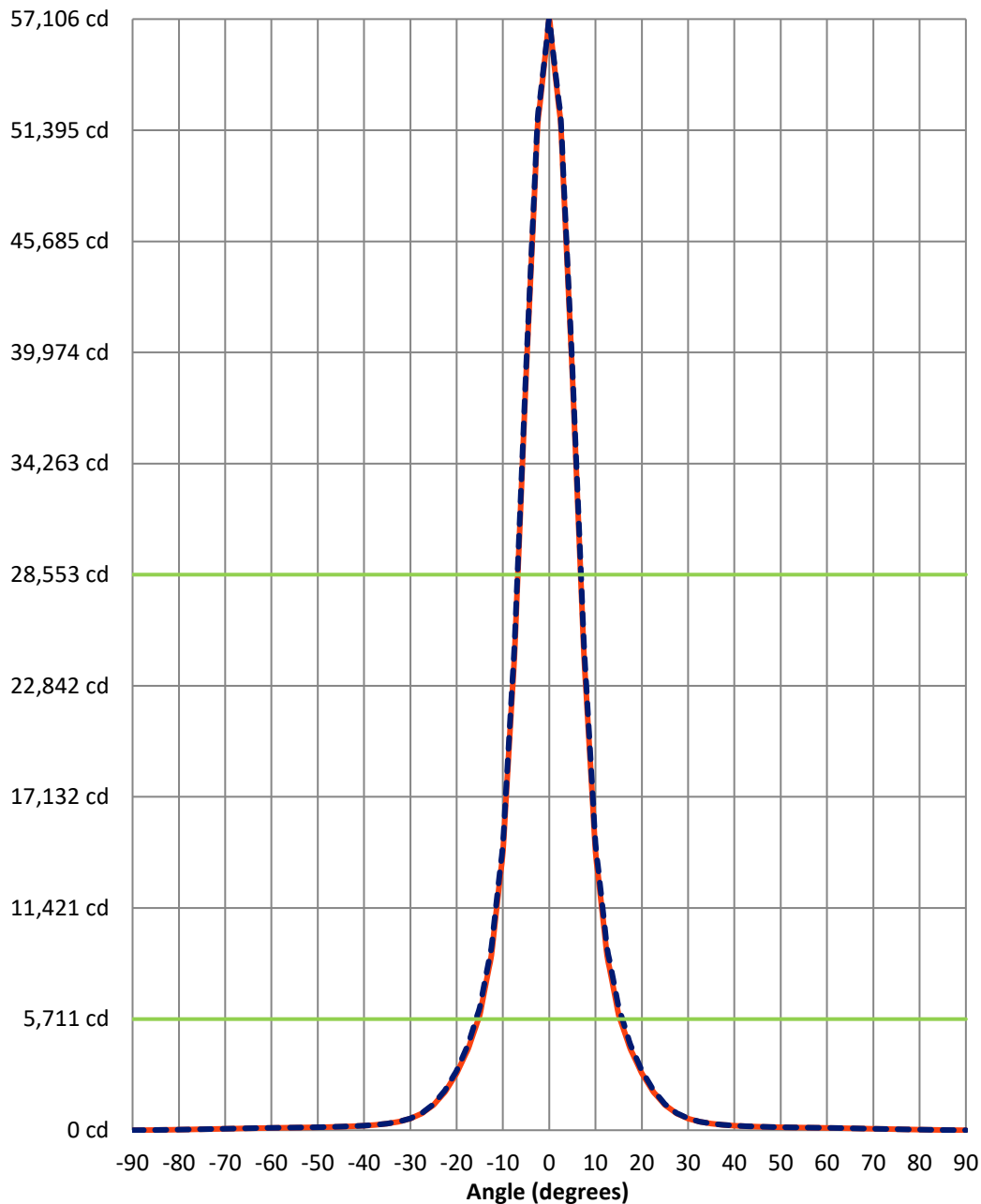
REPORT NUMBER: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-735-U-NR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-NR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 1792.8
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 4034.5
 Efficiency: 66.5%

Spill:
 Lumens: 2029.3
 Efficiency: 33.5%

— 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: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-NR-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	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1
85°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
82.5°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.1	6.0	6.8
80°	0.0	0.7	1.7	2.5	3.4	4.2	5.1	6.3	7.5	8.7	9.9
77.5°	0.0	0.9	2.1	3.2	4.2	5.4	7.0	8.5	10.0	11.5	13.1
75°	0.0	1.1	2.5	3.8	5.1	6.9	8.8	10.6	12.5	14.6	16.6
72.5°	0.0	1.3	2.9	4.4	6.2	8.3	10.6	12.8	15.3	17.7	20.1
70°	0.0	1.5	3.3	5.0	7.3	9.7	12.4	15.3	18.1	20.9	24.0
67.5°	0.0	1.6	3.7	5.8	8.4	11.1	14.4	17.7	20.9	24.4	27.9
65°	0.0	1.8	4.0	6.6	9.4	12.6	16.4	20.1	24.0	27.9	32.0
62.5°	0.0	2.0	4.4	7.3	10.4	14.3	18.4	22.7	27.0	31.4	36.6
60°	0.0	2.1	4.7	8.0	11.4	15.9	20.3	25.3	30.0	35.4	41.0
57.5°	0.0	2.3	5.2	8.7	12.6	17.4	22.5	27.8	33.3	39.2	45.3
55°	0.0	2.4	5.6	9.4	13.8	19.0	24.6	30.3	36.5	42.9	49.5
52.5°	0.0	2.5	6.0	10.0	15.0	20.5	26.6	32.9	39.6	46.4	53.5
50°	0.0	2.7	6.4	10.6	16.2	22.1	28.5	35.5	42.6	49.8	57.3
47.5°	0.0	2.8	6.8	11.3	17.3	23.7	30.5	37.9	45.4	53.0	61.0
45°	0.0	2.9	7.2	12.1	18.3	25.2	32.5	40.3	48.1	56.3	64.7
42.5°	0.0	3.0	7.6	12.8	19.3	26.6	34.4	42.6	50.7	59.5	68.3
40°	0.0	3.1	7.9	13.5	20.3	28.0	36.3	44.8	53.3	62.6	71.7
37.5°	0.0	3.2	8.3	14.2	21.4	29.3	38.0	46.8	55.8	65.5	75.1
35°	0.0	3.3	8.6	14.9	22.3	30.6	39.7	48.8	58.2	68.2	78.3
32.5°	0.0	3.4	8.9	15.5	23.3	31.9	41.3	50.6	60.4	70.7	81.1
30°	0.0	3.5	9.2	16.1	24.1	33.1	42.7	52.3	62.4	73.1	83.7
27.5°	0.0	3.5	9.5	16.7	24.9	34.2	44.0	53.9	64.3	75.3	86.0
25°	0.0	3.6	9.7	17.2	25.7	35.2	45.3	55.4	66.0	77.2	88.0
22.5°	0.0	3.6	10.0	17.6	26.4	36.1	46.4	56.7	67.6	78.8	89.7
20°	0.0	3.7	10.2	18.0	27.0	36.9	47.4	57.8	69.0	80.3	91.3
17.5°	0.0	3.7	10.4	18.4	27.6	37.6	48.2	58.8	70.2	81.5	92.8
15°	0.0	3.7	10.5	18.7	28.1	38.2	48.9	59.7	71.2	82.4	94.0
12.5°	0.0	3.7	10.7	19.0	28.5	38.6	49.4	60.5	72.1	83.2	95.0
10°	0.0	3.7	10.8	19.2	28.8	38.9	49.8	61.1	72.8	84.0	96.0
7.5°	0.0	3.7	10.9	19.4	29.1	39.2	50.1	61.7	73.2	84.7	97.1
5°	0.0	3.7	10.9	19.5	29.2	39.3	50.3	62.1	73.5	85.2	98.0
2.5°	0.0	3.7	11.0	19.6	29.4	39.3	50.3	62.3	73.5	85.5	98.7
0°	0.0	3.7	11.0	19.6	29.4	39.3	50.3	62.3	73.5	85.5	98.7
-2.5°	0.0	3.7	11.0	19.6	29.4	39.3	50.3	62.3	73.5	85.5	98.7
-5°	0.0	3.7	10.9	19.5	29.2	39.3	50.3	62.1	73.5	85.2	98.0
-7.5°	0.0	3.7	10.9	19.4	29.1	39.2	50.1	61.7	73.2	84.7	97.1
-10°	0.0	3.7	10.8	19.2	28.8	38.9	49.8	61.1	72.8	84.0	96.0
-12.5°	0.0	3.7	10.7	19.0	28.5	38.6	49.4	60.5	72.1	83.2	95.0
-15°	0.0	3.7	10.5	18.7	28.1	38.2	48.9	59.7	71.2	82.4	94.0
-17.5°	0.0	3.7	10.4	18.4	27.6	37.6	48.2	58.8	70.2	81.5	92.8
-20°	0.0	3.7	10.2	18.0	27.0	36.9	47.4	57.8	69.0	80.3	91.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-NR-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	10.0	17.6	26.4	36.1	46.4	56.7	67.6	78.8	89.7
-25°	0.0	3.6	9.7	17.2	25.7	35.2	45.3	55.4	66.0	77.2	88.0
-27.5°	0.0	3.5	9.5	16.7	24.9	34.2	44.0	53.9	64.3	75.3	86.0
-30°	0.0	3.5	9.2	16.1	24.1	33.1	42.7	52.3	62.4	73.1	83.7
-32.5°	0.0	3.4	8.9	15.5	23.3	31.9	41.3	50.6	60.4	70.7	81.1
-35°	0.0	3.3	8.6	14.9	22.3	30.6	39.7	48.8	58.2	68.2	78.3
-37.5°	0.0	3.2	8.3	14.2	21.4	29.3	38.0	46.8	55.8	65.5	75.1
-40°	0.0	3.1	7.9	13.5	20.3	28.0	36.3	44.8	53.3	62.6	71.7
-42.5°	0.0	3.0	7.6	12.8	19.3	26.6	34.4	42.6	50.7	59.5	68.3
-45°	0.0	2.9	7.2	12.1	18.3	25.2	32.5	40.3	48.1	56.3	64.7
-47.5°	0.0	2.8	6.8	11.3	17.3	23.7	30.5	37.9	45.4	53.0	61.0
-50°	0.0	2.7	6.4	10.6	16.2	22.1	28.5	35.5	42.6	49.8	57.3
-52.5°	0.0	2.5	6.0	10.0	15.0	20.5	26.6	32.9	39.6	46.4	53.5
-55°	0.0	2.4	5.6	9.4	13.8	19.0	24.6	30.3	36.5	42.9	49.5
-57.5°	0.0	2.3	5.2	8.7	12.6	17.4	22.5	27.8	33.3	39.2	45.3
-60°	0.0	2.1	4.7	8.0	11.4	15.9	20.3	25.3	30.0	35.4	41.0
-62.5°	0.0	2.0	4.4	7.3	10.4	14.3	18.4	22.7	27.0	31.4	36.6
-65°	0.0	1.8	4.0	6.6	9.4	12.6	16.4	20.1	24.0	27.9	32.0
-67.5°	0.0	1.6	3.7	5.8	8.4	11.1	14.4	17.7	20.9	24.4	27.9
-70°	0.0	1.5	3.3	5.0	7.3	9.7	12.4	15.3	18.1	20.9	24.0
-72.5°	0.0	1.3	2.9	4.4	6.2	8.3	10.6	12.8	15.3	17.7	20.1
-75°	0.0	1.1	2.5	3.8	5.1	6.9	8.8	10.6	12.5	14.6	16.6
-77.5°	0.0	0.9	2.1	3.2	4.2	5.4	7.0	8.5	10.0	11.5	13.1
-80°	0.0	0.7	1.7	2.5	3.4	4.2	5.1	6.3	7.5	8.7	9.9
-82.5°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.1	6.0	6.8
-85°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
-87.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-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: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-NR-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°	2.3	2.4	2.6	2.8	3.0	3.1	3.3	3.5	3.6	3.8	3.9
85°	4.5	4.9	5.4	6.0	6.4	6.8	7.1	7.4	7.9	8.5	9.0
82.5°	7.7	8.5	9.3	10.1	10.7	11.1	11.6	12.2	13.3	14.3	15.2
80°	11.0	12.1	13.4	14.7	15.7	16.8	17.9	19.1	20.2	21.4	22.4
77.5°	14.7	16.4	18.0	19.5	21.1	22.7	24.4	25.9	27.4	28.8	30.2
75°	18.6	20.6	22.7	24.9	26.9	28.9	30.9	33.0	35.0	36.9	38.7
72.5°	22.7	25.3	27.8	30.3	33.0	35.6	38.2	40.6	43.0	45.5	48.1
70°	27.0	30.0	33.3	36.5	39.5	42.6	45.8	48.4	51.0	54.5	58.0
67.5°	31.5	35.5	39.2	42.8	46.8	50.5	53.7	57.1	60.8	64.8	68.2
65°	36.7	41.1	45.4	50.0	54.6	58.4	62.4	66.7	70.8	74.8	78.6
62.5°	41.9	46.8	51.8	56.8	61.5	66.1	71.0	75.7	80.3	84.9	88.9
60°	46.9	52.5	57.8	62.9	68.3	74.0	79.4	84.6	90.1	95.3	98.0
57.5°	51.7	57.7	63.2	69.0	75.3	81.8	87.4	93.3	98.0	101.6	105.1
55°	56.2	62.5	68.5	75.0	81.9	88.6	94.8	100.1	104.4	107.8	111.5
52.5°	60.5	67.0	73.6	80.7	88.0	95.2	101.7	106.7	110.6	114.0	117.5
50°	64.6	71.5	78.5	86.3	94.1	101.7	108.1	112.6	116.3	119.8	123.4
47.5°	68.7	75.9	83.4	91.7	100.2	107.5	113.6	117.8	121.5	125.6	129.5
45°	72.7	80.5	88.5	97.4	105.9	113.0	118.2	122.4	126.9	131.3	135.6
42.5°	76.6	85.1	93.7	103.0	111.1	117.5	122.4	127.3	132.2	136.9	141.7
40°	80.6	89.4	98.6	107.8	116.0	121.6	126.7	131.9	137.4	142.5	147.7
37.5°	84.4	93.5	102.9	112.2	119.7	125.3	130.6	136.5	142.2	147.7	154.7
35°	88.0	97.2	106.7	115.7	123.0	128.7	134.7	140.8	146.8	154.1	162.0
32.5°	91.2	100.6	110.2	118.6	125.7	131.9	138.6	145.0	152.2	160.4	169.8
30°	93.9	103.5	113.2	121.4	128.3	134.9	142.1	149.2	157.7	167.5	178.6
27.5°	96.3	106.1	115.5	123.7	130.8	137.4	144.9	153.9	163.6	174.6	187.7
25°	98.5	108.8	117.8	125.9	132.8	139.6	147.8	157.7	169.3	182.5	198.7
22.5°	100.6	111.3	120.0	128.0	134.3	141.7	150.9	161.7	174.3	189.8	209.5
20°	102.6	113.3	121.8	129.6	135.5	143.6	153.7	165.2	179.5	198.1	220.8
17.5°	104.5	114.9	123.3	130.5	137.0	145.6	156.1	168.0	184.1	205.5	231.2
15°	106.1	116.3	124.4	131.3	138.4	147.6	158.6	171.5	189.1	212.7	240.4
12.5°	107.6	117.4	125.3	131.9	139.5	149.2	160.9	175.2	194.5	219.7	252.0
10°	108.9	118.2	125.9	132.4	140.3	150.5	162.8	178.2	198.8	225.1	261.0
7.5°	110.0	118.9	126.3	132.6	140.8	151.4	164.2	180.5	201.8	228.9	267.4
5°	110.7	119.5	126.8	133.4	141.6	152.1	165.3	182.0	203.6	231.2	271.5
2.5°	111.2	119.8	127.1	134.1	142.5	152.7	166.1	183.7	205.0	233.4	274.5
0°	111.3	119.9	127.2	134.6	143.1	152.9	166.4	184.7	205.5	234.9	276.5
-2.5°	111.2	119.8	127.1	134.1	142.5	152.7	166.1	183.7	205.0	233.4	274.5
-5°	110.7	119.5	126.8	133.4	141.6	152.1	165.3	182.0	203.6	231.2	271.5
-7.5°	110.0	118.9	126.3	132.6	140.8	151.4	164.2	180.5	201.8	228.9	267.4
-10°	108.9	118.2	125.9	132.4	140.3	150.5	162.8	178.2	198.8	225.1	261.0
-12.5°	107.6	117.4	125.3	131.9	139.5	149.2	160.9	175.2	194.5	219.7	252.0
-15°	106.1	116.3	124.4	131.3	138.4	147.6	158.6	171.5	189.1	212.7	240.4
-17.5°	104.5	114.9	123.3	130.5	137.0	145.6	156.1	168.0	184.1	205.5	231.2
-20°	102.6	113.3	121.8	129.6	135.5	143.6	153.7	165.2	179.5	198.1	220.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	100.6	111.3	120.0	128.0	134.3	141.7	150.9	161.7	174.3	189.8	209.5
-25°	98.5	108.8	117.8	125.9	132.8	139.6	147.8	157.7	169.3	182.5	198.7
-27.5°	96.3	106.1	115.5	123.7	130.8	137.4	144.9	153.9	163.6	174.6	187.7
-30°	93.9	103.5	113.2	121.4	128.3	134.9	142.1	149.2	157.7	167.5	178.6
-32.5°	91.2	100.6	110.2	118.6	125.7	131.9	138.6	145.0	152.2	160.4	169.8
-35°	88.0	97.2	106.7	115.7	123.0	128.7	134.7	140.8	146.8	154.1	162.0
-37.5°	84.4	93.5	102.9	112.2	119.7	125.3	130.6	136.5	142.2	147.7	154.7
-40°	80.6	89.4	98.6	107.8	116.0	121.6	126.7	131.9	137.4	142.5	147.7
-42.5°	76.6	85.1	93.7	103.0	111.1	117.5	122.4	127.3	132.2	136.9	141.7
-45°	72.7	80.5	88.5	97.4	105.9	113.0	118.2	122.4	126.9	131.3	135.6
-47.5°	68.7	75.9	83.4	91.7	100.2	107.5	113.6	117.8	121.5	125.6	129.5
-50°	64.6	71.5	78.5	86.3	94.1	101.7	108.1	112.6	116.3	119.8	123.4
-52.5°	60.5	67.0	73.6	80.7	88.0	95.2	101.7	106.7	110.6	114.0	117.5
-55°	56.2	62.5	68.5	75.0	81.9	88.6	94.8	100.1	104.4	107.8	111.5
-57.5°	51.7	57.7	63.2	69.0	75.3	81.8	87.4	93.3	98.0	101.6	105.1
-60°	46.9	52.5	57.8	62.9	68.3	74.0	79.4	84.6	90.1	95.3	98.0
-62.5°	41.9	46.8	51.8	56.8	61.5	66.1	71.0	75.7	80.3	84.9	88.9
-65°	36.7	41.1	45.4	50.0	54.6	58.4	62.4	66.7	70.8	74.8	78.6
-67.5°	31.5	35.5	39.2	42.8	46.8	50.5	53.7	57.1	60.8	64.8	68.2
-70°	27.0	30.0	33.3	36.5	39.5	42.6	45.8	48.4	51.0	54.5	58.0
-72.5°	22.7	25.3	27.8	30.3	33.0	35.6	38.2	40.6	43.0	45.5	48.1
-75°	18.6	20.6	22.7	24.9	26.9	28.9	30.9	33.0	35.0	36.9	38.7
-77.5°	14.7	16.4	18.0	19.5	21.1	22.7	24.4	25.9	27.4	28.8	30.2
-80°	11.0	12.1	13.4	14.7	15.7	16.8	17.9	19.1	20.2	21.4	22.4
-82.5°	7.7	8.5	9.3	10.1	10.7	11.1	11.6	12.2	13.3	14.3	15.2
-85°	4.5	4.9	5.4	6.0	6.4	6.8	7.1	7.4	7.9	8.5	9.0
-87.5°	2.3	2.4	2.6	2.8	3.0	3.1	3.3	3.5	3.6	3.8	3.9
-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: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-NR-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°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.5	4.2
85°	9.5	9.9	10.2	10.5	10.8	11.1	11.3	11.5	11.7	11.6	11.4
82.5°	16.1	16.7	17.3	17.9	18.4	18.8	19.2	19.6	19.9	19.9	19.8
80°	23.5	24.5	25.6	26.6	27.6	28.2	28.7	29.0	29.3	29.4	29.4
77.5°	31.5	33.2	34.8	36.5	38.1	39.0	39.7	40.3	40.7	40.8	40.8
75°	40.5	42.6	44.9	46.9	48.6	49.7	50.4	51.1	51.6	51.7	51.7
72.5°	50.9	53.5	55.5	57.2	58.7	59.9	60.8	61.6	62.2	62.5	62.5
70°	61.1	63.6	65.6	67.3	68.8	70.0	71.1	72.1	72.9	73.4	73.9
67.5°	71.5	74.4	76.4	78.0	79.2	80.4	81.9	83.2	84.3	85.0	85.4
65°	82.1	85.1	87.0	88.7	90.2	91.8	93.5	94.7	95.5	96.0	96.4
62.5°	92.4	95.2	97.6	99.9	102.1	103.9	105.0	106.0	106.9	107.6	108.2
60°	101.2	104.8	107.5	109.7	111.8	113.9	115.3	116.4	117.3	117.9	118.3
57.5°	108.7	112.4	115.6	117.8	120.1	122.6	124.2	125.1	125.9	126.7	127.0
55°	115.4	118.7	121.7	124.6	127.2	129.4	131.1	132.4	133.4	134.3	134.5
52.5°	121.3	125.0	128.4	131.5	134.1	136.2	137.9	139.5	140.6	141.5	141.8
50°	127.5	131.5	135.2	138.6	141.2	143.6	145.7	147.5	149.3	150.7	151.7
47.5°	133.7	137.9	142.0	145.7	148.8	152.3	155.4	158.0	160.6	162.6	164.0
45°	139.9	144.7	149.2	154.0	158.3	162.7	166.9	170.6	174.2	177.0	178.9
42.5°	146.7	152.2	157.7	163.6	169.4	175.3	181.6	187.3	191.6	195.8	199.1
40°	154.1	160.4	167.5	174.7	183.3	191.1	199.6	207.0	213.6	220.6	226.2
37.5°	162.0	169.8	179.1	188.9	199.9	210.5	221.7	232.7	242.3	253.5	262.1
35°	170.6	181.1	192.6	205.8	219.5	234.8	250.0	267.7	282.8	299.5	314.0
32.5°	180.9	193.4	208.5	225.8	243.6	266.7	288.3	316.3	340.5	367.0	393.7
30°	191.4	207.9	227.3	249.1	277.3	309.1	344.5	386.2	429.3	470.9	521.1
27.5°	204.5	224.4	247.9	279.8	321.3	364.2	425.1	487.8	566.8	632.2	724.5
25°	218.2	241.5	274.8	318.4	372.5	446.9	539.3	639.5	778.6	900.9	1044.3
22.5°	233.0	264.5	305.9	359.7	441.7	556.0	696.0	884.4	1089.7	1307.7	1524.4
20°	248.4	286.5	340.9	418.8	531.3	686.2	926.3	1217.3	1510.6	1870.2	2188.6
17.5°	266.3	314.8	381.8	479.2	629.3	866.6	1199.8	1606.0	2061.0	2578.0	3037.1
15°	281.1	339.0	423.6	559.9	766.4	1071.1	1491.2	2050.1	2733.8	3428.2	4132.7
12.5°	298.4	365.4	464.7	627.2	886.5	1291.5	1863.3	2570.7	3424.6	4387.8	5523.2
10°	313.8	391.3	514.8	715.9	1032.8	1521.4	2215.4	3066.4	4168.4	5554.1	7312.5
7.5°	325.2	411.8	553.4	783.3	1159.2	1742.4	2548.0	3609.2	5009.4	6839.3	9252.5
5°	332.5	426.7	580.7	835.4	1258.2	1906.9	2791.8	3994.2	5683.4	8271.5	12358.0
2.5°	336.9	435.5	596.3	866.0	1318.4	2015.8	2977.2	4285.4	6120.3	9156.6	14355.3
0°	338.9	438.0	605.6	882.1	1338.5	2057.9	3062.4	4418.1	6315.7	9363.5	14706.5
-2.5°	336.9	435.5	596.3	866.0	1318.4	2015.8	2977.2	4285.4	6120.3	9156.6	14355.3
-5°	332.5	426.7	580.7	835.4	1258.2	1906.9	2791.8	3994.2	5683.4	8271.5	12358.0
-7.5°	325.2	411.8	553.4	783.3	1159.2	1742.4	2548.0	3609.2	5009.4	6839.3	9252.5
-10°	313.8	391.3	514.8	715.9	1032.8	1521.4	2215.4	3066.4	4168.4	5554.1	7312.5
-12.5°	298.4	365.4	464.7	627.2	886.5	1291.5	1863.3	2570.7	3424.6	4387.8	5523.2
-15°	281.1	339.0	423.6	559.9	766.4	1071.1	1491.2	2050.1	2733.8	3428.2	4132.7
-17.5°	266.3	314.8	381.8	479.2	629.3	866.6	1199.8	1606.0	2061.0	2578.0	3037.1
-20°	248.4	286.5	340.9	418.8	531.3	686.2	926.3	1217.3	1510.6	1870.2	2188.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	233.0	264.5	305.9	359.7	441.7	556.0	696.0	884.4	1089.7	1307.7	1524.4
-25°	218.2	241.5	274.8	318.4	372.5	446.9	539.3	639.5	778.6	900.9	1044.3
-27.5°	204.5	224.4	247.9	279.8	321.3	364.2	425.1	487.8	566.8	632.2	724.5
-30°	191.4	207.9	227.3	249.1	277.3	309.1	344.5	386.2	429.3	470.9	521.1
-32.5°	180.9	193.4	208.5	225.8	243.6	266.7	288.3	316.3	340.5	367.0	393.7
-35°	170.6	181.1	192.6	205.8	219.5	234.8	250.0	267.7	282.8	299.5	314.0
-37.5°	162.0	169.8	179.1	188.9	199.9	210.5	221.7	232.7	242.3	253.5	262.1
-40°	154.1	160.4	167.5	174.7	183.3	191.1	199.6	207.0	213.6	220.6	226.2
-42.5°	146.7	152.2	157.7	163.6	169.4	175.3	181.6	187.3	191.6	195.8	199.1
-45°	139.9	144.7	149.2	154.0	158.3	162.7	166.9	170.6	174.2	177.0	178.9
-47.5°	133.7	137.9	142.0	145.7	148.8	152.3	155.4	158.0	160.6	162.6	164.0
-50°	127.5	131.5	135.2	138.6	141.2	143.6	145.7	147.5	149.3	150.7	151.7
-52.5°	121.3	125.0	128.4	131.5	134.1	136.2	137.9	139.5	140.6	141.5	141.8
-55°	115.4	118.7	121.7	124.6	127.2	129.4	131.1	132.4	133.4	134.3	134.5
-57.5°	108.7	112.4	115.6	117.8	120.1	122.6	124.2	125.1	125.9	126.7	127.0
-60°	101.2	104.8	107.5	109.7	111.8	113.9	115.3	116.4	117.3	117.9	118.3
-62.5°	92.4	95.2	97.6	99.9	102.1	103.9	105.0	106.0	106.9	107.6	108.2
-65°	82.1	85.1	87.0	88.7	90.2	91.8	93.5	94.7	95.5	96.0	96.4
-67.5°	71.5	74.4	76.4	78.0	79.2	80.4	81.9	83.2	84.3	85.0	85.4
-70°	61.1	63.6	65.6	67.3	68.8	70.0	71.1	72.1	72.9	73.4	73.9
-72.5°	50.9	53.5	55.5	57.2	58.7	59.9	60.8	61.6	62.2	62.5	62.5
-75°	40.5	42.6	44.9	46.9	48.6	49.7	50.4	51.1	51.6	51.7	51.7
-77.5°	31.5	33.2	34.8	36.5	38.1	39.0	39.7	40.3	40.7	40.8	40.8
-80°	23.5	24.5	25.6	26.6	27.6	28.2	28.7	29.0	29.3	29.4	29.4
-82.5°	16.1	16.7	17.3	17.9	18.4	18.8	19.2	19.6	19.9	19.9	19.8
-85°	9.5	9.9	10.2	10.5	10.8	11.1	11.3	11.5	11.7	11.6	11.4
-87.5°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.5	4.2
-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: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-NR-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°	4.0	3.7	3.7	3.7	3.7	3.7	4.0	4.2	4.5	4.7	4.7
85°	11.2	10.9	11.0	11.0	11.0	10.9	11.2	11.4	11.6	11.7	11.5
82.5°	19.7	19.5	19.6	19.6	19.6	19.5	19.7	19.8	19.9	19.9	19.6
80°	29.4	29.3	28.7	28.1	28.7	29.3	29.4	29.4	29.4	29.3	29.0
77.5°	40.6	40.2	39.8	39.2	39.8	40.2	40.6	40.8	40.8	40.7	40.3
75°	51.5	51.2	51.3	51.4	51.3	51.2	51.5	51.7	51.7	51.6	51.1
72.5°	62.4	62.2	62.3	62.4	62.3	62.2	62.4	62.5	62.5	62.2	61.6
70°	74.1	74.3	73.9	73.4	73.9	74.3	74.1	73.9	73.4	72.9	72.1
67.5°	85.5	85.3	84.9	84.4	84.9	85.3	85.5	85.4	85.0	84.3	83.2
65°	96.5	96.4	96.6	96.7	96.6	96.4	96.5	96.4	96.0	95.5	94.7
62.5°	108.5	108.5	108.2	107.7	108.2	108.5	108.5	108.2	107.6	106.9	106.0
60°	118.5	118.4	118.1	117.5	118.1	118.4	118.5	118.3	117.9	117.3	116.4
57.5°	127.1	127.0	126.6	126.0	126.6	127.0	127.1	127.0	126.7	125.9	125.1
55°	134.6	134.4	134.0	133.4	134.0	134.4	134.6	134.5	134.3	133.4	132.4
52.5°	141.9	141.7	141.8	141.9	141.8	141.7	141.9	141.8	141.5	140.6	139.5
50°	152.3	152.5	152.3	151.7	152.3	152.5	152.3	151.7	150.7	149.3	147.5
47.5°	164.7	164.8	164.5	163.9	164.5	164.8	164.7	164.0	162.6	160.6	158.0
45°	180.4	181.3	181.6	181.1	181.6	181.3	180.4	178.9	177.0	174.2	170.6
42.5°	201.7	203.1	203.5	203.1	203.5	203.1	201.7	199.1	195.8	191.6	187.3
40°	229.6	231.2	231.5	231.2	231.5	231.2	229.6	226.2	220.6	213.6	207.0
37.5°	268.2	272.1	273.9	274.1	273.9	272.1	268.2	262.1	253.5	242.3	232.7
35°	325.1	332.8	336.9	338.9	336.9	332.8	325.1	314.0	299.5	282.8	267.7
32.5°	414.0	429.3	437.8	436.8	437.8	429.3	414.0	393.7	367.0	340.5	316.3
30°	559.0	585.9	599.4	595.8	599.4	585.9	559.0	521.1	470.9	429.3	386.2
27.5°	790.7	839.4	867.5	863.8	867.5	839.4	790.7	724.5	632.2	566.8	487.8
25°	1164.2	1252.9	1309.7	1295.7	1309.7	1252.9	1164.2	1044.3	900.9	778.6	639.5
22.5°	1732.3	1882.6	1982.1	1969.8	1982.1	1882.6	1732.3	1524.4	1307.7	1089.7	884.4
20°	2511.5	2740.4	2903.7	2925.4	2903.7	2740.4	2511.5	2188.6	1870.2	1510.6	1217.3
17.5°	3532.9	3895.8	4148.3	4190.5	4148.3	3895.8	3532.9	3037.1	2578.0	2061.0	1606.0
15°	4860.4	5453.5	5882.6	5918.1	5882.6	5453.5	4860.4	4132.7	3428.2	2733.8	2050.1
12.5°	6663.0	7855.7	8634.2	8976.8	8634.2	7855.7	6663.0	5523.2	4387.8	3424.6	2570.7
10°	9157.6	11897.2	13651.7	14311.3	13651.7	11897.2	9157.6	7312.5	5554.1	4168.4	3066.4
7.5°	13324.5	17625.7	22407.5	24445.6	22407.5	17625.7	13324.5	9252.5	6839.3	5009.4	3609.2
5°	18043.0	26969.8	35460.7	38776.4	35460.7	26969.8	18043.0	12358.0	8271.5	5683.4	3994.2
2.5°	23008.2	35450.8	47110.5	51670.3	47110.5	35450.8	23008.2	14355.3	9156.6	6120.3	4285.4
0°	24947.2	39164.3	51992.7	57105.7	51992.7	39164.3	24947.2	14706.5	9363.5	6315.7	4418.1
-2.5°	23008.2	35450.8	47110.5	51670.3	47110.5	35450.8	23008.2	14355.3	9156.6	6120.3	4285.4
-5°	18043.0	26969.8	35460.7	38776.4	35460.7	26969.8	18043.0	12358.0	8271.5	5683.4	3994.2
-7.5°	13324.5	17625.7	22407.5	24445.6	22407.5	17625.7	13324.5	9252.5	6839.3	5009.4	3609.2
-10°	9157.6	11897.2	13651.7	14311.3	13651.7	11897.2	9157.6	7312.5	5554.1	4168.4	3066.4
-12.5°	6663.0	7855.7	8634.2	8976.8	8634.2	7855.7	6663.0	5523.2	4387.8	3424.6	2570.7
-15°	4860.4	5453.5	5882.6	5918.1	5882.6	5453.5	4860.4	4132.7	3428.2	2733.8	2050.1
-17.5°	3532.9	3895.8	4148.3	4190.5	4148.3	3895.8	3532.9	3037.1	2578.0	2061.0	1606.0
-20°	2511.5	2740.4	2903.7	2925.4	2903.7	2740.4	2511.5	2188.6	1870.2	1510.6	1217.3



REPORT NUMBER: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1732.3	1882.6	1982.1	1969.8	1982.1	1882.6	1732.3	1524.4	1307.7	1089.7	884.4
-25°	1164.2	1252.9	1309.7	1295.7	1309.7	1252.9	1164.2	1044.3	900.9	778.6	639.5
-27.5°	790.7	839.4	867.5	863.8	867.5	839.4	790.7	724.5	632.2	566.8	487.8
-30°	559.0	585.9	599.4	595.8	599.4	585.9	559.0	521.1	470.9	429.3	386.2
-32.5°	414.0	429.3	437.8	436.8	437.8	429.3	414.0	393.7	367.0	340.5	316.3
-35°	325.1	332.8	336.9	338.9	336.9	332.8	325.1	314.0	299.5	282.8	267.7
-37.5°	268.2	272.1	273.9	274.1	273.9	272.1	268.2	262.1	253.5	242.3	232.7
-40°	229.6	231.2	231.5	231.2	231.5	231.2	229.6	226.2	220.6	213.6	207.0
-42.5°	201.7	203.1	203.5	203.1	203.5	203.1	201.7	199.1	195.8	191.6	187.3
-45°	180.4	181.3	181.6	181.1	181.6	181.3	180.4	178.9	177.0	174.2	170.6
-47.5°	164.7	164.8	164.5	163.9	164.5	164.8	164.7	164.0	162.6	160.6	158.0
-50°	152.3	152.5	152.3	151.7	152.3	152.5	152.3	151.7	150.7	149.3	147.5
-52.5°	141.9	141.7	141.8	141.9	141.8	141.7	141.9	141.8	141.5	140.6	139.5
-55°	134.6	134.4	134.0	133.4	134.0	134.4	134.6	134.5	134.3	133.4	132.4
-57.5°	127.1	127.0	126.6	126.0	126.6	127.0	127.1	127.0	126.7	125.9	125.1
-60°	118.5	118.4	118.1	117.5	118.1	118.4	118.5	118.3	117.9	117.3	116.4
-62.5°	108.5	108.5	108.2	107.7	108.2	108.5	108.5	108.2	107.6	106.9	106.0
-65°	96.5	96.4	96.6	96.7	96.6	96.4	96.5	96.4	96.0	95.5	94.7
-67.5°	85.5	85.3	84.9	84.4	84.9	85.3	85.5	85.4	85.0	84.3	83.2
-70°	74.1	74.3	73.9	73.4	73.9	74.3	74.1	73.9	73.4	72.9	72.1
-72.5°	62.4	62.2	62.3	62.4	62.3	62.2	62.4	62.5	62.5	62.2	61.6
-75°	51.5	51.2	51.3	51.4	51.3	51.2	51.5	51.7	51.7	51.6	51.1
-77.5°	40.6	40.2	39.8	39.2	39.8	40.2	40.6	40.8	40.8	40.7	40.3
-80°	29.4	29.3	28.7	28.1	28.7	29.3	29.4	29.4	29.4	29.3	29.0
-82.5°	19.7	19.5	19.6	19.6	19.6	19.5	19.7	19.8	19.9	19.9	19.6
-85°	11.2	10.9	11.0	11.0	11.0	10.9	11.2	11.4	11.6	11.7	11.5
-87.5°	4.0	3.7	3.7	3.7	3.7	3.7	4.0	4.2	4.5	4.7	4.7
-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: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-NR-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°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5
85°	11.3	11.1	10.8	10.5	10.2	9.9	9.5	9.0	8.5	7.9	7.4
82.5°	19.2	18.8	18.4	17.9	17.3	16.7	16.1	15.2	14.3	13.3	12.2
80°	28.7	28.2	27.6	26.6	25.6	24.5	23.5	22.4	21.4	20.2	19.1
77.5°	39.7	39.0	38.1	36.5	34.8	33.2	31.5	30.2	28.8	27.4	25.9
75°	50.4	49.7	48.6	46.9	44.9	42.6	40.5	38.7	36.9	35.0	33.0
72.5°	60.8	59.9	58.7	57.2	55.5	53.5	50.9	48.1	45.5	43.0	40.6
70°	71.1	70.0	68.8	67.3	65.6	63.6	61.1	58.0	54.5	51.0	48.4
67.5°	81.9	80.4	79.2	78.0	76.4	74.4	71.5	68.2	64.8	60.8	57.1
65°	93.5	91.8	90.2	88.7	87.0	85.1	82.1	78.6	74.8	70.8	66.7
62.5°	105.0	103.9	102.1	99.9	97.6	95.2	92.4	88.9	84.9	80.3	75.7
60°	115.3	113.9	111.8	109.7	107.5	104.8	101.2	98.0	95.3	90.1	84.6
57.5°	124.2	122.6	120.1	117.8	115.6	112.4	108.7	105.1	101.6	98.0	93.3
55°	131.1	129.4	127.2	124.6	121.7	118.7	115.4	111.5	107.8	104.4	100.1
52.5°	137.9	136.2	134.1	131.5	128.4	125.0	121.3	117.5	114.0	110.6	106.7
50°	145.7	143.6	141.2	138.6	135.2	131.5	127.5	123.4	119.8	116.3	112.6
47.5°	155.4	152.3	148.8	145.7	142.0	137.9	133.7	129.5	125.6	121.5	117.8
45°	166.9	162.7	158.3	154.0	149.2	144.7	139.9	135.6	131.3	126.9	122.4
42.5°	181.6	175.3	169.4	163.6	157.7	152.2	146.7	141.7	136.9	132.2	127.3
40°	199.6	191.1	183.3	174.7	167.5	160.4	154.1	147.7	142.5	137.4	131.9
37.5°	221.7	210.5	199.9	188.9	179.1	169.8	162.0	154.7	147.7	142.2	136.5
35°	250.0	234.8	219.5	205.8	192.6	181.1	170.6	162.0	154.1	146.8	140.8
32.5°	288.3	266.7	243.6	225.8	208.5	193.4	180.9	169.8	160.4	152.2	145.0
30°	344.5	309.1	277.3	249.1	227.3	207.9	191.4	178.6	167.5	157.7	149.2
27.5°	425.1	364.2	321.3	279.8	247.9	224.4	204.5	187.7	174.6	163.6	153.9
25°	539.3	446.9	372.5	318.4	274.8	241.5	218.2	198.7	182.5	169.3	157.7
22.5°	696.0	556.0	441.7	359.7	305.9	264.5	233.0	209.5	189.8	174.3	161.7
20°	926.3	686.2	531.3	418.8	340.9	286.5	248.4	220.8	198.1	179.5	165.2
17.5°	1199.8	866.6	629.3	479.2	381.8	314.8	266.3	231.2	205.5	184.1	168.0
15°	1491.2	1071.1	766.4	559.9	423.6	339.0	281.1	240.4	212.7	189.1	171.5
12.5°	1863.3	1291.5	886.5	627.2	464.7	365.4	298.4	252.0	219.7	194.5	175.2
10°	2215.4	1521.4	1032.8	715.9	514.8	391.3	313.8	261.0	225.1	198.8	178.2
7.5°	2548.0	1742.4	1159.2	783.3	553.4	411.8	325.2	267.4	228.9	201.8	180.5
5°	2791.8	1906.9	1258.2	835.4	580.7	426.7	332.5	271.5	231.2	203.6	182.0
2.5°	2977.2	2015.8	1318.4	866.0	596.3	435.5	336.9	274.5	233.4	205.0	183.7
0°	3062.4	2057.9	1338.5	882.1	605.6	438.0	338.9	276.5	234.9	205.5	184.7
-2.5°	2977.2	2015.8	1318.4	866.0	596.3	435.5	336.9	274.5	233.4	205.0	183.7
-5°	2791.8	1906.9	1258.2	835.4	580.7	426.7	332.5	271.5	231.2	203.6	182.0
-7.5°	2548.0	1742.4	1159.2	783.3	553.4	411.8	325.2	267.4	228.9	201.8	180.5
-10°	2215.4	1521.4	1032.8	715.9	514.8	391.3	313.8	261.0	225.1	198.8	178.2
-12.5°	1863.3	1291.5	886.5	627.2	464.7	365.4	298.4	252.0	219.7	194.5	175.2
-15°	1491.2	1071.1	766.4	559.9	423.6	339.0	281.1	240.4	212.7	189.1	171.5
-17.5°	1199.8	866.6	629.3	479.2	381.8	314.8	266.3	231.2	205.5	184.1	168.0
-20°	926.3	686.2	531.3	418.8	340.9	286.5	248.4	220.8	198.1	179.5	165.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	696.0	556.0	441.7	359.7	305.9	264.5	233.0	209.5	189.8	174.3	161.7
-25°	539.3	446.9	372.5	318.4	274.8	241.5	218.2	198.7	182.5	169.3	157.7
-27.5°	425.1	364.2	321.3	279.8	247.9	224.4	204.5	187.7	174.6	163.6	153.9
-30°	344.5	309.1	277.3	249.1	227.3	207.9	191.4	178.6	167.5	157.7	149.2
-32.5°	288.3	266.7	243.6	225.8	208.5	193.4	180.9	169.8	160.4	152.2	145.0
-35°	250.0	234.8	219.5	205.8	192.6	181.1	170.6	162.0	154.1	146.8	140.8
-37.5°	221.7	210.5	199.9	188.9	179.1	169.8	162.0	154.7	147.7	142.2	136.5
-40°	199.6	191.1	183.3	174.7	167.5	160.4	154.1	147.7	142.5	137.4	131.9
-42.5°	181.6	175.3	169.4	163.6	157.7	152.2	146.7	141.7	136.9	132.2	127.3
-45°	166.9	162.7	158.3	154.0	149.2	144.7	139.9	135.6	131.3	126.9	122.4
-47.5°	155.4	152.3	148.8	145.7	142.0	137.9	133.7	129.5	125.6	121.5	117.8
-50°	145.7	143.6	141.2	138.6	135.2	131.5	127.5	123.4	119.8	116.3	112.6
-52.5°	137.9	136.2	134.1	131.5	128.4	125.0	121.3	117.5	114.0	110.6	106.7
-55°	131.1	129.4	127.2	124.6	121.7	118.7	115.4	111.5	107.8	104.4	100.1
-57.5°	124.2	122.6	120.1	117.8	115.6	112.4	108.7	105.1	101.6	98.0	93.3
-60°	115.3	113.9	111.8	109.7	107.5	104.8	101.2	98.0	95.3	90.1	84.6
-62.5°	105.0	103.9	102.1	99.9	97.6	95.2	92.4	88.9	84.9	80.3	75.7
-65°	93.5	91.8	90.2	88.7	87.0	85.1	82.1	78.6	74.8	70.8	66.7
-67.5°	81.9	80.4	79.2	78.0	76.4	74.4	71.5	68.2	64.8	60.8	57.1
-70°	71.1	70.0	68.8	67.3	65.6	63.6	61.1	58.0	54.5	51.0	48.4
-72.5°	60.8	59.9	58.7	57.2	55.5	53.5	50.9	48.1	45.5	43.0	40.6
-75°	50.4	49.7	48.6	46.9	44.9	42.6	40.5	38.7	36.9	35.0	33.0
-77.5°	39.7	39.0	38.1	36.5	34.8	33.2	31.5	30.2	28.8	27.4	25.9
-80°	28.7	28.2	27.6	26.6	25.6	24.5	23.5	22.4	21.4	20.2	19.1
-82.5°	19.2	18.8	18.4	17.9	17.3	16.7	16.1	15.2	14.3	13.3	12.2
-85°	11.3	11.1	10.8	10.5	10.2	9.9	9.5	9.0	8.5	7.9	7.4
-87.5°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5
-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: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-NR-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°	3.3	3.1	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.5
85°	7.1	6.8	6.4	6.0	5.4	4.9	4.5	4.1	3.7	3.3	2.9
82.5°	11.6	11.1	10.7	10.1	9.3	8.5	7.7	6.8	6.0	5.1	4.4
80°	17.9	16.8	15.7	14.7	13.4	12.1	11.0	9.9	8.7	7.5	6.3
77.5°	24.4	22.7	21.1	19.5	18.0	16.4	14.7	13.1	11.5	10.0	8.5
75°	30.9	28.9	26.9	24.9	22.7	20.6	18.6	16.6	14.6	12.5	10.6
72.5°	38.2	35.6	33.0	30.3	27.8	25.3	22.7	20.1	17.7	15.3	12.8
70°	45.8	42.6	39.5	36.5	33.3	30.0	27.0	24.0	20.9	18.1	15.3
67.5°	53.7	50.5	46.8	42.8	39.2	35.5	31.5	27.9	24.4	20.9	17.7
65°	62.4	58.4	54.6	50.0	45.4	41.1	36.7	32.0	27.9	24.0	20.1
62.5°	71.0	66.1	61.5	56.8	51.8	46.8	41.9	36.6	31.4	27.0	22.7
60°	79.4	74.0	68.3	62.9	57.8	52.5	46.9	41.0	35.4	30.0	25.3
57.5°	87.4	81.8	75.3	69.0	63.2	57.7	51.7	45.3	39.2	33.3	27.8
55°	94.8	88.6	81.9	75.0	68.5	62.5	56.2	49.5	42.9	36.5	30.3
52.5°	101.7	95.2	88.0	80.7	73.6	67.0	60.5	53.5	46.4	39.6	32.9
50°	108.1	101.7	94.1	86.3	78.5	71.5	64.6	57.3	49.8	42.6	35.5
47.5°	113.6	107.5	100.2	91.7	83.4	75.9	68.7	61.0	53.0	45.4	37.9
45°	118.2	113.0	105.9	97.4	88.5	80.5	72.7	64.7	56.3	48.1	40.3
42.5°	122.4	117.5	111.1	103.0	93.7	85.1	76.6	68.3	59.5	50.7	42.6
40°	126.7	121.6	116.0	107.8	98.6	89.4	80.6	71.7	62.6	53.3	44.8
37.5°	130.6	125.3	119.7	112.2	102.9	93.5	84.4	75.1	65.5	55.8	46.8
35°	134.7	128.7	123.0	115.7	106.7	97.2	88.0	78.3	68.2	58.2	48.8
32.5°	138.6	131.9	125.7	118.6	110.2	100.6	91.2	81.1	70.7	60.4	50.6
30°	142.1	134.9	128.3	121.4	113.2	103.5	93.9	83.7	73.1	62.4	52.3
27.5°	144.9	137.4	130.8	123.7	115.5	106.1	96.3	86.0	75.3	64.3	53.9
25°	147.8	139.6	132.8	125.9	117.8	108.8	98.5	88.0	77.2	66.0	55.4
22.5°	150.9	141.7	134.3	128.0	120.0	111.3	100.6	89.7	78.8	67.6	56.7
20°	153.7	143.6	135.5	129.6	121.8	113.3	102.6	91.3	80.3	69.0	57.8
17.5°	156.1	145.6	137.0	130.5	123.3	114.9	104.5	92.8	81.5	70.2	58.8
15°	158.6	147.6	138.4	131.3	124.4	116.3	106.1	94.0	82.4	71.2	59.7
12.5°	160.9	149.2	139.5	131.9	125.3	117.4	107.6	95.0	83.2	72.1	60.5
10°	162.8	150.5	140.3	132.4	125.9	118.2	108.9	96.0	84.0	72.8	61.1
7.5°	164.2	151.4	140.8	132.6	126.3	118.9	110.0	97.1	84.7	73.2	61.7
5°	165.3	152.1	141.6	133.4	126.8	119.5	110.7	98.0	85.2	73.5	62.1
2.5°	166.1	152.7	142.5	134.1	127.1	119.8	111.2	98.7	85.5	73.5	62.3
0°	166.4	152.9	143.1	134.6	127.2	119.9	111.3	99.1	85.6	73.4	62.4
-2.5°	166.1	152.7	142.5	134.1	127.1	119.8	111.2	98.7	85.5	73.5	62.3
-5°	165.3	152.1	141.6	133.4	126.8	119.5	110.7	98.0	85.2	73.5	62.1
-7.5°	164.2	151.4	140.8	132.6	126.3	118.9	110.0	97.1	84.7	73.2	61.7
-10°	162.8	150.5	140.3	132.4	125.9	118.2	108.9	96.0	84.0	72.8	61.1
-12.5°	160.9	149.2	139.5	131.9	125.3	117.4	107.6	95.0	83.2	72.1	60.5
-15°	158.6	147.6	138.4	131.3	124.4	116.3	106.1	94.0	82.4	71.2	59.7
-17.5°	156.1	145.6	137.0	130.5	123.3	114.9	104.5	92.8	81.5	70.2	58.8
-20°	153.7	143.6	135.5	129.6	121.8	113.3	102.6	91.3	80.3	69.0	57.8



REPORT NUMBER: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	150.9	141.7	134.3	128.0	120.0	111.3	100.6	89.7	78.8	67.6	56.7
-25°	147.8	139.6	132.8	125.9	117.8	108.8	98.5	88.0	77.2	66.0	55.4
-27.5°	144.9	137.4	130.8	123.7	115.5	106.1	96.3	86.0	75.3	64.3	53.9
-30°	142.1	134.9	128.3	121.4	113.2	103.5	93.9	83.7	73.1	62.4	52.3
-32.5°	138.6	131.9	125.7	118.6	110.2	100.6	91.2	81.1	70.7	60.4	50.6
-35°	134.7	128.7	123.0	115.7	106.7	97.2	88.0	78.3	68.2	58.2	48.8
-37.5°	130.6	125.3	119.7	112.2	102.9	93.5	84.4	75.1	65.5	55.8	46.8
-40°	126.7	121.6	116.0	107.8	98.6	89.4	80.6	71.7	62.6	53.3	44.8
-42.5°	122.4	117.5	111.1	103.0	93.7	85.1	76.6	68.3	59.5	50.7	42.6
-45°	118.2	113.0	105.9	97.4	88.5	80.5	72.7	64.7	56.3	48.1	40.3
-47.5°	113.6	107.5	100.2	91.7	83.4	75.9	68.7	61.0	53.0	45.4	37.9
-50°	108.1	101.7	94.1	86.3	78.5	71.5	64.6	57.3	49.8	42.6	35.5
-52.5°	101.7	95.2	88.0	80.7	73.6	67.0	60.5	53.5	46.4	39.6	32.9
-55°	94.8	88.6	81.9	75.0	68.5	62.5	56.2	49.5	42.9	36.5	30.3
-57.5°	87.4	81.8	75.3	69.0	63.2	57.7	51.7	45.3	39.2	33.3	27.8
-60°	79.4	74.0	68.3	62.9	57.8	52.5	46.9	41.0	35.4	30.0	25.3
-62.5°	71.0	66.1	61.5	56.8	51.8	46.8	41.9	36.6	31.4	27.0	22.7
-65°	62.4	58.4	54.6	50.0	45.4	41.1	36.7	32.0	27.9	24.0	20.1
-67.5°	53.7	50.5	46.8	42.8	39.2	35.5	31.5	27.9	24.4	20.9	17.7
-70°	45.8	42.6	39.5	36.5	33.3	30.0	27.0	24.0	20.9	18.1	15.3
-72.5°	38.2	35.6	33.0	30.3	27.8	25.3	22.7	20.1	17.7	15.3	12.8
-75°	30.9	28.9	26.9	24.9	22.7	20.6	18.6	16.6	14.6	12.5	10.6
-77.5°	24.4	22.7	21.1	19.5	18.0	16.4	14.7	13.1	11.5	10.0	8.5
-80°	17.9	16.8	15.7	14.7	13.4	12.1	11.0	9.9	8.7	7.5	6.3
-82.5°	11.6	11.1	10.7	10.1	9.3	8.5	7.7	6.8	6.0	5.1	4.4
-85°	7.1	6.8	6.4	6.0	5.4	4.9	4.5	4.1	3.7	3.3	2.9
-87.5°	3.3	3.1	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.7	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: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0
85°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
82.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
80°	5.1	4.2	3.4	2.5	1.7	0.7	0.0
77.5°	7.0	5.4	4.2	3.2	2.1	0.9	0.0
75°	8.8	6.9	5.1	3.8	2.5	1.1	0.0
72.5°	10.6	8.3	6.2	4.4	2.9	1.3	0.0
70°	12.4	9.7	7.3	5.0	3.3	1.5	0.0
67.5°	14.4	11.1	8.4	5.8	3.7	1.6	0.0
65°	16.4	12.6	9.4	6.6	4.0	1.8	0.0
62.5°	18.4	14.3	10.4	7.3	4.4	2.0	0.0
60°	20.3	15.9	11.4	8.0	4.7	2.1	0.0
57.5°	22.5	17.4	12.6	8.7	5.2	2.3	0.0
55°	24.6	19.0	13.8	9.4	5.6	2.4	0.0
52.5°	26.6	20.5	15.0	10.0	6.0	2.5	0.0
50°	28.5	22.1	16.2	10.6	6.4	2.7	0.0
47.5°	30.5	23.7	17.3	11.3	6.8	2.8	0.0
45°	32.5	25.2	18.3	12.1	7.2	2.9	0.0
42.5°	34.4	26.6	19.3	12.8	7.6	3.0	0.0
40°	36.3	28.0	20.3	13.5	7.9	3.1	0.0
37.5°	38.0	29.3	21.4	14.2	8.3	3.2	0.0
35°	39.7	30.6	22.3	14.9	8.6	3.3	0.0
32.5°	41.3	31.9	23.3	15.5	8.9	3.4	0.0
30°	42.7	33.1	24.1	16.1	9.2	3.5	0.0
27.5°	44.0	34.2	24.9	16.7	9.5	3.5	0.0
25°	45.3	35.2	25.7	17.2	9.7	3.6	0.0
22.5°	46.4	36.1	26.4	17.6	10.0	3.6	0.0
20°	47.4	36.9	27.0	18.0	10.2	3.7	0.0
17.5°	48.2	37.6	27.6	18.4	10.4	3.7	0.0
15°	48.9	38.2	28.1	18.7	10.5	3.7	0.0
12.5°	49.4	38.6	28.5	19.0	10.7	3.7	0.0
10°	49.8	38.9	28.8	19.2	10.8	3.7	0.0
7.5°	50.1	39.2	29.1	19.4	10.9	3.7	0.0
5°	50.3	39.3	29.2	19.5	10.9	3.7	0.0
2.5°	50.3	39.3	29.4	19.6	11.0	3.7	0.0
0°	50.2	39.2	29.4	19.6	11.0	3.7	0.0
-2.5°	50.3	39.3	29.4	19.6	11.0	3.7	0.0
-5°	50.3	39.3	29.2	19.5	10.9	3.7	0.0
-7.5°	50.1	39.2	29.1	19.4	10.9	3.7	0.0
-10°	49.8	38.9	28.8	19.2	10.8	3.7	0.0
-12.5°	49.4	38.6	28.5	19.0	10.7	3.7	0.0
-15°	48.9	38.2	28.1	18.7	10.5	3.7	0.0
-17.5°	48.2	37.6	27.6	18.4	10.4	3.7	0.0
-20°	47.4	36.9	27.0	18.0	10.2	3.7	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	46.4	36.1	26.4	17.6	10.0	3.6	0.0
-25°	45.3	35.2	25.7	17.2	9.7	3.6	0.0
-27.5°	44.0	34.2	24.9	16.7	9.5	3.5	0.0
-30°	42.7	33.1	24.1	16.1	9.2	3.5	0.0
-32.5°	41.3	31.9	23.3	15.5	8.9	3.4	0.0
-35°	39.7	30.6	22.3	14.9	8.6	3.3	0.0
-37.5°	38.0	29.3	21.4	14.2	8.3	3.2	0.0
-40°	36.3	28.0	20.3	13.5	7.9	3.1	0.0
-42.5°	34.4	26.6	19.3	12.8	7.6	3.0	0.0
-45°	32.5	25.2	18.3	12.1	7.2	2.9	0.0
-47.5°	30.5	23.7	17.3	11.3	6.8	2.8	0.0
-50°	28.5	22.1	16.2	10.6	6.4	2.7	0.0
-52.5°	26.6	20.5	15.0	10.0	6.0	2.5	0.0
-55°	24.6	19.0	13.8	9.4	5.6	2.4	0.0
-57.5°	22.5	17.4	12.6	8.7	5.2	2.3	0.0
-60°	20.3	15.9	11.4	8.0	4.7	2.1	0.0
-62.5°	18.4	14.3	10.4	7.3	4.4	2.0	0.0
-65°	16.4	12.6	9.4	6.6	4.0	1.8	0.0
-67.5°	14.4	11.1	8.4	5.8	3.7	1.6	0.0
-70°	12.4	9.7	7.3	5.0	3.3	1.5	0.0
-72.5°	10.6	8.3	6.2	4.4	2.9	1.3	0.0
-75°	8.8	6.9	5.1	3.8	2.5	1.1	0.0
-77.5°	7.0	5.4	4.2	3.2	2.1	0.9	0.0
-80°	5.1	4.2	3.4	2.5	1.7	0.7	0.0
-82.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
-85°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)