

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: P626739 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-735-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626739 (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-SA1D-735-U-NR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N21  
Light Source: (16) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

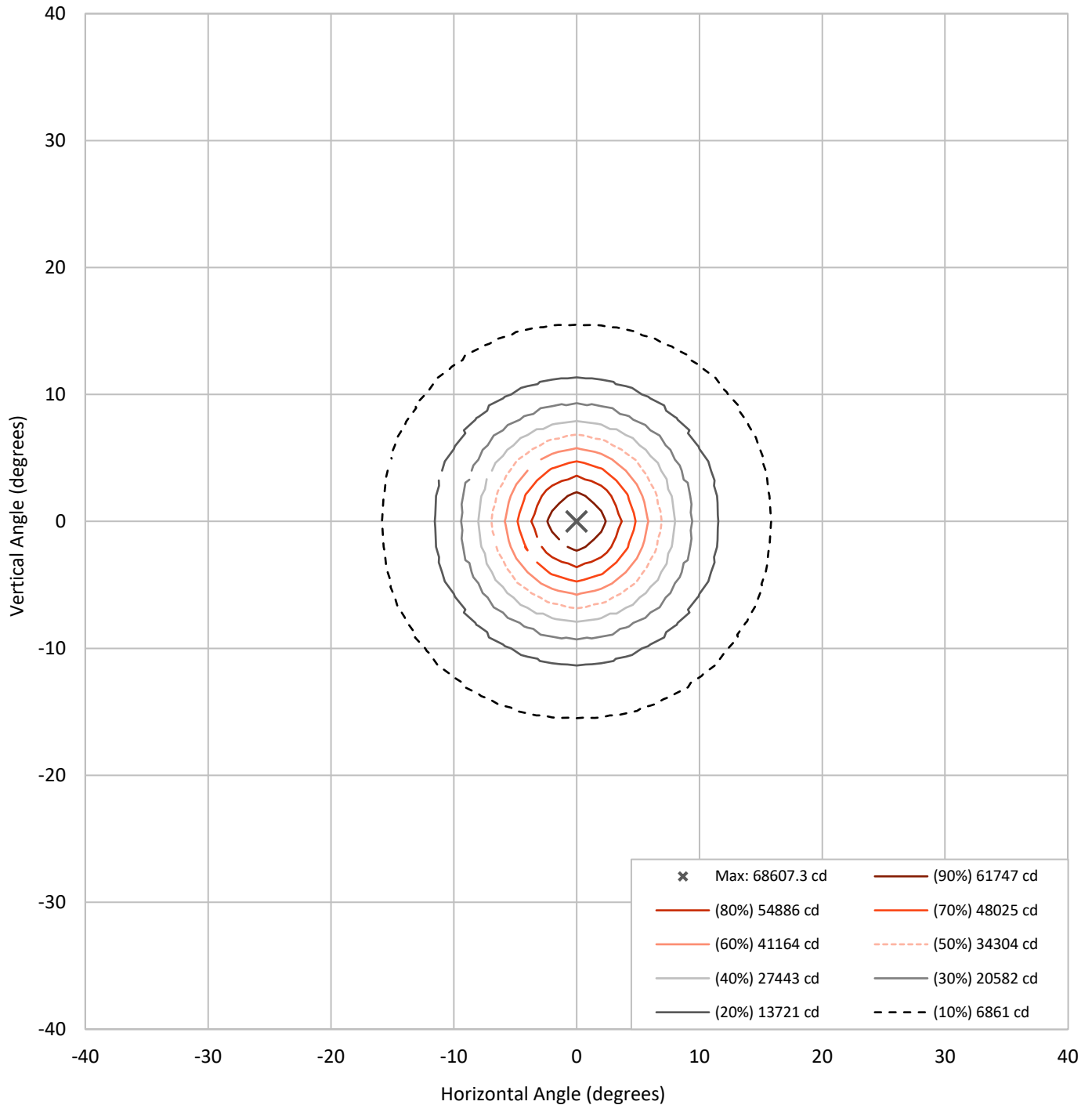
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	7285.1 lumens	Max Intensity:	68607.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	127.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	2153.9 lumens	Field Lumens:	4847.1 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	57.3		
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		



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### Iso-Candela Plot





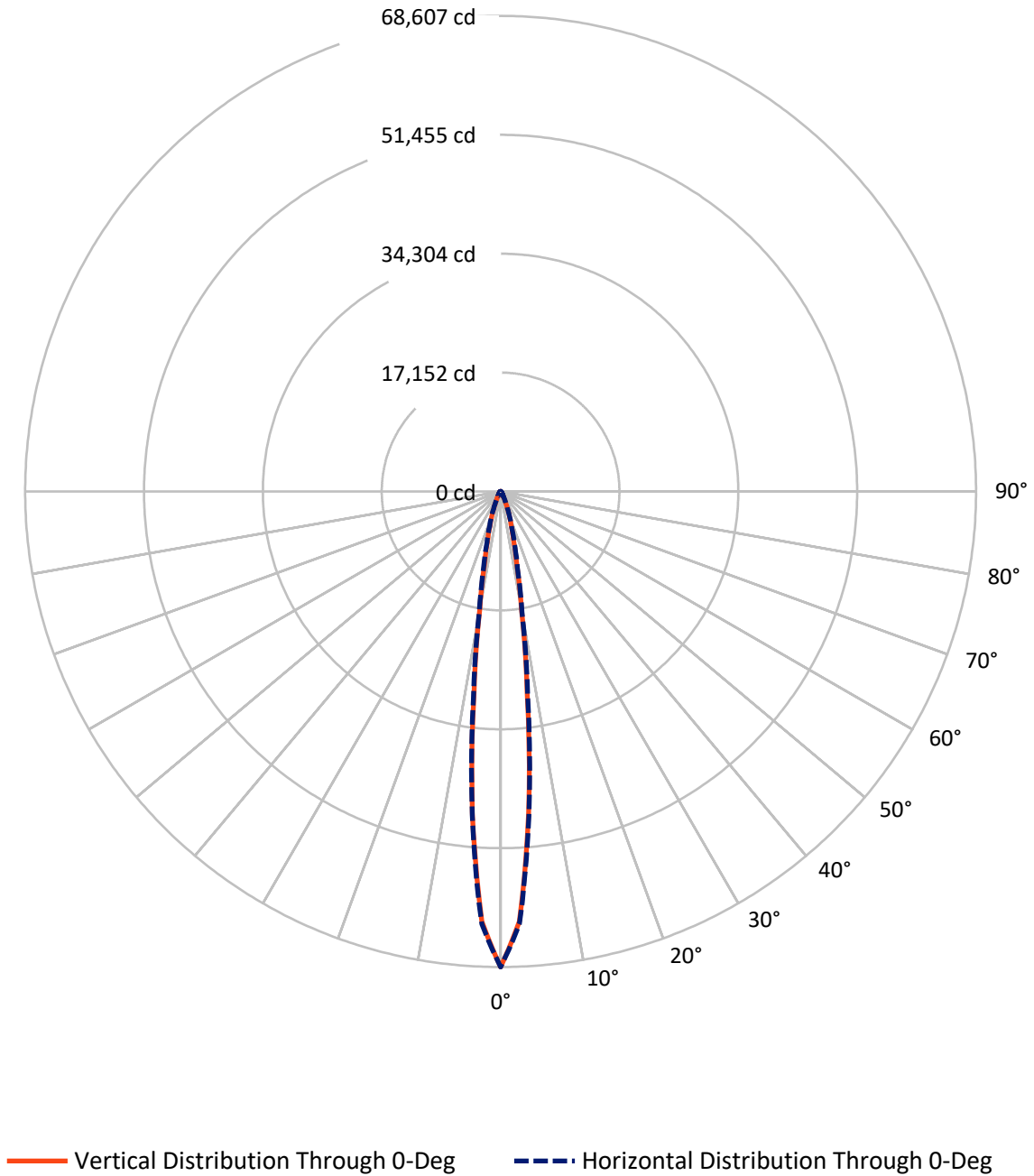
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### Lumen Table

90	0.1	1.0	2.6	4.2	4.6	4.2	2.6	1.0	0.1										
80	0.1	1.0	2.6	4.2	4.6	4.2	2.6	1.0	0.1										
70	0.5	0.5	1.1	1.7	2.4	3.0	3.4	3.5	3.5	3.4	3.0	2.4	1.7	1.1	0.5	0.5			
60		0.8	1.6	2.6	3.4	4.2	4.7	4.9	4.9	4.7	4.2	3.4	2.6	1.6	0.8				
50	0.8	1.0	2.0	3.2	4.2	5.3	6.2	6.7	6.7	6.2	5.3	4.2	3.2	2.0	1.0	0.8			
40		1.2	2.4	3.7	5.2	7.5	10.5	13.0	13.0	10.5	7.5	5.2	3.7	2.4	1.2				
30	1.0	1.4	2.6	4.1	6.7	13.3	30.3	50.2	50.2	30.3	13.3	6.7	4.1	2.6	1.4	1.0			
20		1.5	2.8	4.5	8.9	28.3	100.4	216.2	216.2	100.4	28.3	8.9	4.5	2.8	1.5				
10	1.1	1.5	2.8	4.8	10.8	46.6	218.2	942.5	942.5	218.2	46.6	10.8	4.8	2.8	1.5	1.1			
0		1.5	2.8	4.8	10.8	46.6	218.2	942.5	942.5	218.2	46.6	10.8	4.8	2.8	1.5				
-10	1.0	1.5	2.8	4.5	8.9	28.3	100.4	216.2	216.2	100.4	28.3	8.9	4.5	2.8	1.5	1.0			
-20		1.4	2.6	4.1	6.7	13.3	30.3	50.2	50.2	30.3	13.3	6.7	4.1	2.6	1.4				
-30	0.8	1.2	2.4	3.7	5.2	7.5	10.5	13.0	13.0	10.5	7.5	5.2	3.7	2.4	1.2	0.8			
-40		1.0	2.0	3.2	4.2	5.3	6.2	6.7	6.7	6.2	5.3	4.2	3.2	2.0	1.0				
-50	0.5	0.8	1.6	2.6	3.4	4.2	4.7	4.9	4.9	4.7	4.2	3.4	2.6	1.6	0.8	0.5			
-60		0.5	1.1	1.7	2.4	3.0	3.4	3.5	3.5	3.4	3.0	2.4	1.7	1.1	0.5				
-70	0.1	1.0	2.6	4.2	4.6	4.2	2.6	1.0	0.1										
-80		0.1	1.0	2.6	4.2	4.6	4.2	2.6	1.0	0.1									
-90	0.1	1.0	2.6	4.2	4.6	4.2	2.6	1.0	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

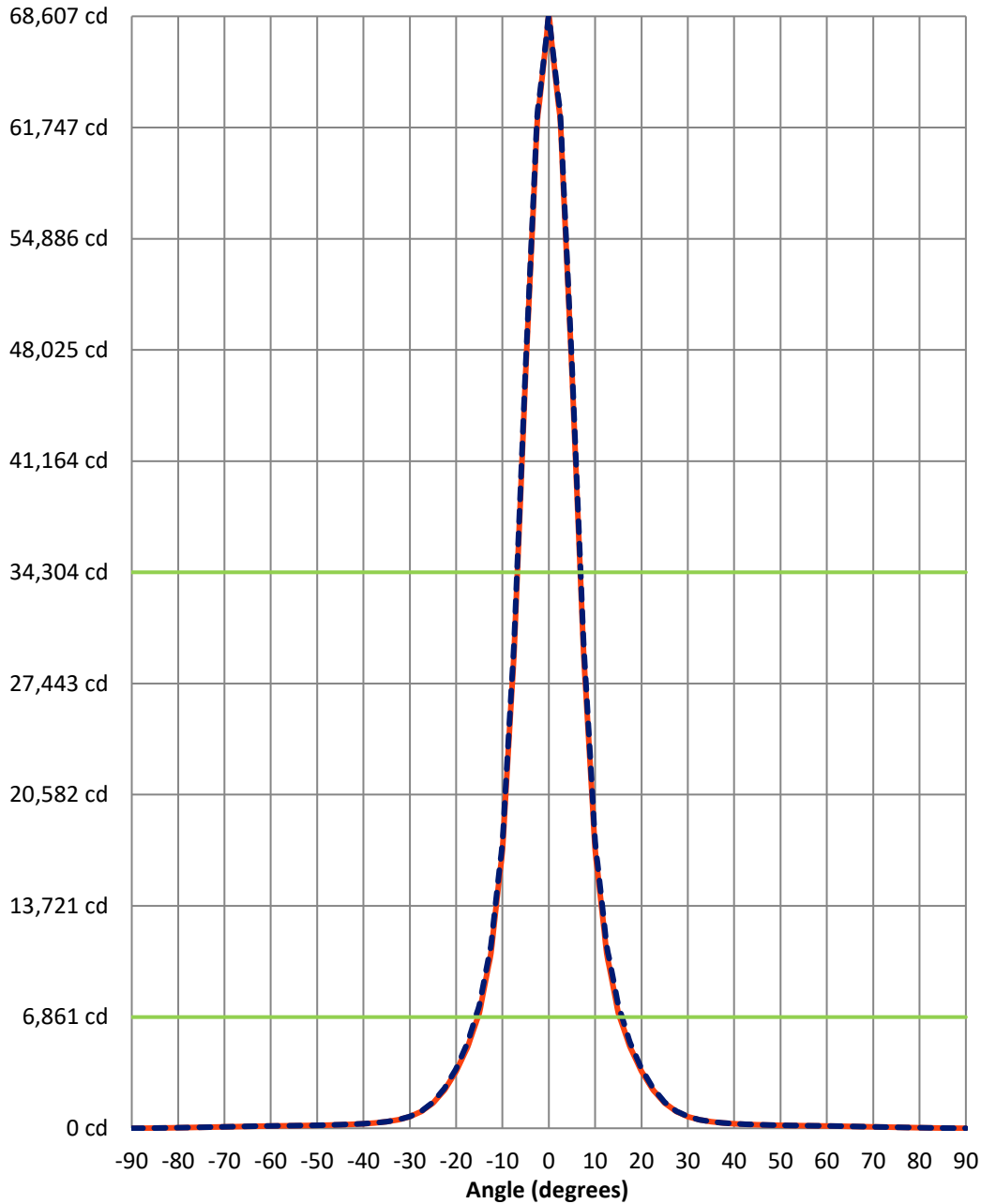
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 13.7°  
V Angle: 13.6°  
Lumens: 2153.9  
Efficiency: 29.6%

**Field:**  
H Angle: 31.6°  
V Angle: 30.6°  
Lumens: 4847.1  
Efficiency: 66.5%

**Spill:**  
Lumens: 2438  
Efficiency: 33.5%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 0-Deg

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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	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5
85°	0.0	0.4	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
82.5°	0.0	0.7	1.5	2.3	3.1	3.8	4.6	5.3	6.1	7.2	8.2
80°	0.0	0.9	2.0	3.1	4.1	5.1	6.2	7.6	9.1	10.5	11.9
77.5°	0.0	1.1	2.5	3.8	5.1	6.5	8.4	10.2	12.0	13.8	15.7
75°	0.0	1.3	3.0	4.6	6.1	8.3	10.6	12.8	15.0	17.5	20.0
72.5°	0.0	1.5	3.5	5.3	7.5	10.0	12.7	15.5	18.4	21.3	24.2
70°	0.0	1.7	4.0	6.1	8.8	11.7	14.9	18.4	21.8	25.1	28.8
67.5°	0.0	1.9	4.4	7.0	10.1	13.4	17.4	21.3	25.1	29.3	33.5
65°	0.0	2.1	4.9	7.9	11.3	15.2	19.8	24.2	28.8	33.5	38.4
62.5°	0.0	2.3	5.3	8.8	12.5	17.2	22.1	27.3	32.4	37.7	43.9
60°	0.0	2.5	5.7	9.6	13.7	19.1	24.4	30.4	36.0	42.5	49.3
57.5°	0.0	2.7	6.2	10.5	15.2	21.0	27.0	33.4	39.9	47.1	54.4
55°	0.0	2.9	6.7	11.3	16.6	22.8	29.5	36.3	43.8	51.5	59.4
52.5°	0.0	3.0	7.2	12.0	18.0	24.6	31.9	39.5	47.6	55.8	64.2
50°	0.0	3.2	7.7	12.8	19.4	26.5	34.2	42.6	51.1	59.8	68.8
47.5°	0.0	3.3	8.2	13.5	20.7	28.4	36.5	45.6	54.5	63.7	73.3
45°	0.0	3.5	8.7	14.5	22.0	30.2	39.0	48.4	57.8	67.6	77.7
42.5°	0.0	3.6	9.1	15.4	23.2	31.9	41.3	51.2	60.9	71.5	82.0
40°	0.0	3.7	9.5	16.2	24.4	33.6	43.6	53.8	64.0	75.2	86.2
37.5°	0.0	3.9	9.9	17.1	25.6	35.1	45.7	56.3	67.1	78.7	90.2
35°	0.0	4.0	10.3	17.9	26.8	36.7	47.7	58.6	70.0	81.9	94.1
32.5°	0.0	4.1	10.7	18.6	27.9	38.3	49.6	60.8	72.6	85.0	97.5
30°	0.0	4.1	11.0	19.3	28.9	39.7	51.3	62.8	75.0	87.8	100.5
27.5°	0.0	4.2	11.4	20.0	29.9	41.1	52.9	64.8	77.3	90.5	103.3
25°	0.0	4.3	11.7	20.6	30.8	42.3	54.3	66.5	79.4	92.8	105.7
22.5°	0.0	4.3	11.9	21.1	31.7	43.4	55.7	68.1	81.3	94.8	107.8
20°	0.0	4.4	12.2	21.6	32.4	44.3	56.9	69.5	82.9	96.5	109.8
17.5°	0.0	4.4	12.4	22.1	33.1	45.1	57.8	70.7	84.4	97.9	111.4
15°	0.0	4.4	12.6	22.4	33.7	45.8	58.6	71.7	85.6	99.1	112.9
12.5°	0.0	4.5	12.8	22.8	34.2	46.3	59.3	72.7	86.7	100.0	114.1
10°	0.0	4.5	12.9	23.0	34.6	46.7	59.8	73.5	87.5	101.0	115.3
7.5°	0.0	4.5	13.1	23.2	34.9	47.0	60.2	74.1	88.0	101.8	116.7
5°	0.0	4.4	13.1	23.4	35.1	47.1	60.4	74.6	88.3	102.4	117.8
2.5°	0.0	4.4	13.2	23.5	35.3	47.1	60.4	74.9	88.4	102.8	118.6
0°	0.0	4.4	13.2	23.5	35.3	47.0	60.3	75.0	88.2	102.9	119.1
-2.5°	0.0	4.4	13.2	23.5	35.3	47.1	60.4	74.9	88.4	102.8	118.6
-5°	0.0	4.4	13.1	23.4	35.1	47.1	60.4	74.6	88.3	102.4	117.8
-7.5°	0.0	4.5	13.1	23.2	34.9	47.0	60.2	74.1	88.0	101.8	116.7
-10°	0.0	4.5	12.9	23.0	34.6	46.7	59.8	73.5	87.5	101.0	115.3
-12.5°	0.0	4.5	12.8	22.8	34.2	46.3	59.3	72.7	86.7	100.0	114.1
-15°	0.0	4.4	12.6	22.4	33.7	45.8	58.6	71.7	85.6	99.1	112.9
-17.5°	0.0	4.4	12.4	22.1	33.1	45.1	57.8	70.7	84.4	97.9	111.4
-20°	0.0	4.4	12.2	21.6	32.4	44.3	56.9	69.5	82.9	96.5	109.8

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.3	11.9	21.1	31.7	43.4	55.7	68.1	81.3	94.8	107.8
-25°	0.0	4.3	11.7	20.6	30.8	42.3	54.3	66.5	79.4	92.8	105.7
-27.5°	0.0	4.2	11.4	20.0	29.9	41.1	52.9	64.8	77.3	90.5	103.3
-30°	0.0	4.1	11.0	19.3	28.9	39.7	51.3	62.8	75.0	87.8	100.5
-32.5°	0.0	4.1	10.7	18.6	27.9	38.3	49.6	60.8	72.6	85.0	97.5
-35°	0.0	4.0	10.3	17.9	26.8	36.7	47.7	58.6	70.0	81.9	94.1
-37.5°	0.0	3.9	9.9	17.1	25.6	35.1	45.7	56.3	67.1	78.7	90.2
-40°	0.0	3.7	9.5	16.2	24.4	33.6	43.6	53.8	64.0	75.2	86.2
-42.5°	0.0	3.6	9.1	15.4	23.2	31.9	41.3	51.2	60.9	71.5	82.0
-45°	0.0	3.5	8.7	14.5	22.0	30.2	39.0	48.4	57.8	67.6	77.7
-47.5°	0.0	3.3	8.2	13.5	20.7	28.4	36.5	45.6	54.5	63.7	73.3
-50°	0.0	3.2	7.7	12.8	19.4	26.5	34.2	42.6	51.1	59.8	68.8
-52.5°	0.0	3.0	7.2	12.0	18.0	24.6	31.9	39.5	47.6	55.8	64.2
-55°	0.0	2.9	6.7	11.3	16.6	22.8	29.5	36.3	43.8	51.5	59.4
-57.5°	0.0	2.7	6.2	10.5	15.2	21.0	27.0	33.4	39.9	47.1	54.4
-60°	0.0	2.5	5.7	9.6	13.7	19.1	24.4	30.4	36.0	42.5	49.3
-62.5°	0.0	2.3	5.3	8.8	12.5	17.2	22.1	27.3	32.4	37.7	43.9
-65°	0.0	2.1	4.9	7.9	11.3	15.2	19.8	24.2	28.8	33.5	38.4
-67.5°	0.0	1.9	4.4	7.0	10.1	13.4	17.4	21.3	25.1	29.3	33.5
-70°	0.0	1.7	4.0	6.1	8.8	11.7	14.9	18.4	21.8	25.1	28.8
-72.5°	0.0	1.5	3.5	5.3	7.5	10.0	12.7	15.5	18.4	21.3	24.2
-75°	0.0	1.3	3.0	4.6	6.1	8.3	10.6	12.8	15.0	17.5	20.0
-77.5°	0.0	1.1	2.5	3.8	5.1	6.5	8.4	10.2	12.0	13.8	15.7
-80°	0.0	0.9	2.0	3.1	4.1	5.1	6.2	7.6	9.1	10.5	11.9
-82.5°	0.0	0.7	1.5	2.3	3.1	3.8	4.6	5.3	6.1	7.2	8.2
-85°	0.0	0.4	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
-87.5°	0.0	0.2	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	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





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**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°	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.3	4.5	4.7
85°	5.4	5.9	6.5	7.2	7.7	8.2	8.6	8.9	9.5	10.2	10.8
82.5°	9.3	10.3	11.3	12.2	12.9	13.4	13.9	14.6	15.9	17.2	18.3
80°	13.3	14.6	16.2	17.7	18.9	20.2	21.5	22.9	24.3	25.7	27.0
77.5°	17.7	19.7	21.6	23.5	25.3	27.3	29.3	31.1	32.9	34.6	36.2
75°	22.4	24.7	27.3	29.9	32.3	34.7	37.1	39.6	42.0	44.3	46.5
72.5°	27.3	30.4	33.4	36.4	39.6	42.8	45.9	48.8	51.7	54.7	57.8
70°	32.4	36.0	40.0	43.8	47.4	51.2	55.0	58.2	61.3	65.4	69.6
67.5°	37.7	42.6	47.1	51.4	56.2	60.6	64.5	68.6	73.0	77.8	81.9
65°	44.1	49.3	54.5	60.0	65.5	70.1	75.0	80.0	85.0	89.8	94.3
62.5°	50.3	56.2	62.2	68.1	73.8	79.4	85.2	90.9	96.4	101.9	106.8
60°	56.2	63.0	69.3	75.5	82.0	88.9	95.3	101.6	108.2	114.5	117.8
57.5°	62.0	69.2	75.9	82.9	90.4	98.2	105.0	112.1	117.8	122.1	126.3
55°	67.5	75.0	82.3	90.1	98.3	106.4	113.9	120.3	125.5	129.4	133.9
52.5°	72.6	80.5	88.4	97.0	105.7	114.3	122.2	128.1	132.8	136.9	141.1
50°	77.6	85.9	94.2	103.6	113.0	122.2	129.9	135.3	139.7	143.9	148.2
47.5°	82.5	91.2	100.2	110.2	120.4	129.2	136.5	141.5	146.0	150.9	155.6
45°	87.3	96.7	106.3	117.0	127.2	135.8	142.0	147.0	152.5	157.8	162.8
42.5°	92.1	102.2	112.6	123.7	133.5	141.2	147.0	152.9	158.9	164.5	170.2
40°	96.8	107.4	118.4	129.5	139.4	146.0	152.2	158.5	165.1	171.2	177.6
37.5°	101.4	112.4	123.7	134.9	143.9	150.6	157.0	164.0	170.9	177.6	185.9
35°	105.7	116.8	128.3	139.1	147.8	154.7	161.8	169.2	176.5	185.1	194.5
32.5°	109.5	120.8	132.4	142.5	151.0	158.5	166.5	174.2	182.9	192.7	204.0
30°	112.8	124.4	136.0	145.8	154.1	162.1	170.8	179.3	189.4	201.2	214.7
27.5°	115.7	127.6	138.8	148.7	157.1	165.0	174.2	184.9	196.6	209.8	225.6
25°	118.3	130.8	141.5	151.3	159.5	167.8	177.6	189.4	203.5	219.3	238.7
22.5°	120.9	133.9	144.2	153.7	161.4	170.3	181.3	194.2	209.5	228.1	251.7
20°	123.3	136.1	146.4	155.7	162.8	172.5	184.6	198.4	215.7	238.0	265.3
17.5°	125.5	138.1	148.1	156.9	164.6	174.9	187.6	201.9	221.2	247.0	277.7
15°	127.6	139.8	149.5	157.8	166.3	177.3	190.6	206.1	227.3	255.5	288.7
12.5°	129.3	141.1	150.5	158.5	167.6	179.3	193.3	210.5	233.7	263.9	302.7
10°	130.9	142.1	151.3	159.0	168.5	180.9	195.6	214.1	238.9	270.4	313.5
7.5°	132.2	142.9	151.8	159.3	169.2	181.9	197.3	216.8	242.5	275.0	321.3
5°	133.1	143.6	152.4	160.2	170.2	182.8	198.6	218.7	244.6	277.8	326.1
2.5°	133.6	144.0	152.8	161.0	171.3	183.5	199.6	220.8	246.3	280.5	329.8
0°	133.8	144.1	152.9	161.7	172.0	183.7	199.9	222.0	246.9	282.2	332.2
-2.5°	133.6	144.0	152.8	161.0	171.3	183.5	199.6	220.8	246.3	280.5	329.8
-5°	133.1	143.6	152.4	160.2	170.2	182.8	198.6	218.7	244.6	277.8	326.1
-7.5°	132.2	142.9	151.8	159.3	169.2	181.9	197.3	216.8	242.5	275.0	321.3
-10°	130.9	142.1	151.3	159.0	168.5	180.9	195.6	214.1	238.9	270.4	313.5
-12.5°	129.3	141.1	150.5	158.5	167.6	179.3	193.3	210.5	233.7	263.9	302.7
-15°	127.6	139.8	149.5	157.8	166.3	177.3	190.6	206.1	227.3	255.5	288.7
-17.5°	125.5	138.1	148.1	156.9	164.6	174.9	187.6	201.9	221.2	247.0	277.7
-20°	123.3	136.1	146.4	155.7	162.8	172.5	184.6	198.4	215.7	238.0	265.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626739 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	120.9	133.9	144.2	153.7	161.4	170.3	181.3	194.2	209.5	228.1	251.7
-25°	118.3	130.8	141.5	151.3	159.5	167.8	177.6	189.4	203.5	219.3	238.7
-27.5°	115.7	127.6	138.8	148.7	157.1	165.0	174.2	184.9	196.6	209.8	225.6
-30°	112.8	124.4	136.0	145.8	154.1	162.1	170.8	179.3	189.4	201.2	214.7
-32.5°	109.5	120.8	132.4	142.5	151.0	158.5	166.5	174.2	182.9	192.7	204.0
-35°	105.7	116.8	128.3	139.1	147.8	154.7	161.8	169.2	176.5	185.1	194.5
-37.5°	101.4	112.4	123.7	134.9	143.9	150.6	157.0	164.0	170.9	177.6	185.9
-40°	96.8	107.4	118.4	129.5	139.4	146.0	152.2	158.5	165.1	171.2	177.6
-42.5°	92.1	102.2	112.6	123.7	133.5	141.2	147.0	152.9	158.9	164.5	170.2
-45°	87.3	96.7	106.3	117.0	127.2	135.8	142.0	147.0	152.5	157.8	162.8
-47.5°	82.5	91.2	100.2	110.2	120.4	129.2	136.5	141.5	146.0	150.9	155.6
-50°	77.6	85.9	94.2	103.6	113.0	122.2	129.9	135.3	139.7	143.9	148.2
-52.5°	72.6	80.5	88.4	97.0	105.7	114.3	122.2	128.1	132.8	136.9	141.1
-55°	67.5	75.0	82.3	90.1	98.3	106.4	113.9	120.3	125.5	129.4	133.9
-57.5°	62.0	69.2	75.9	82.9	90.4	98.2	105.0	112.1	117.8	122.1	126.3
-60°	56.2	63.0	69.3	75.5	82.0	88.9	95.3	101.6	108.2	114.5	117.8
-62.5°	50.3	56.2	62.2	68.1	73.8	79.4	85.2	90.9	96.4	101.9	106.8
-65°	44.1	49.3	54.5	60.0	65.5	70.1	75.0	80.0	85.0	89.8	94.3
-67.5°	37.7	42.6	47.1	51.4	56.2	60.6	64.5	68.6	73.0	77.8	81.9
-70°	32.4	36.0	40.0	43.8	47.4	51.2	55.0	58.2	61.3	65.4	69.6
-72.5°	27.3	30.4	33.4	36.4	39.6	42.8	45.9	48.8	51.7	54.7	57.8
-75°	22.4	24.7	27.3	29.9	32.3	34.7	37.1	39.6	42.0	44.3	46.5
-77.5°	17.7	19.7	21.6	23.5	25.3	27.3	29.3	31.1	32.9	34.6	36.2
-80°	13.3	14.6	16.2	17.7	18.9	20.2	21.5	22.9	24.3	25.7	27.0
-82.5°	9.3	10.3	11.3	12.2	12.9	13.4	13.9	14.6	15.9	17.2	18.3
-85°	5.4	5.9	6.5	7.2	7.7	8.2	8.6	8.9	9.5	10.2	10.8
-87.5°	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.3	4.5	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: P626739 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	4.8	5.0	5.1	5.2	5.3	5.5	5.5	5.6	5.7	5.4	5.1
85°	11.5	11.9	12.3	12.7	13.0	13.4	13.6	13.9	14.1	13.9	13.7
82.5°	19.4	20.1	20.8	21.5	22.1	22.6	23.1	23.6	23.9	23.9	23.8
80°	28.2	29.4	30.7	31.9	33.2	33.9	34.5	34.8	35.1	35.3	35.3
77.5°	37.8	39.8	41.8	43.8	45.8	46.9	47.7	48.4	48.9	49.0	48.9
75°	48.6	51.1	53.9	56.3	58.4	59.7	60.6	61.4	62.0	62.1	62.1
72.5°	61.1	64.2	66.6	68.7	70.5	71.9	73.0	74.0	74.8	75.1	75.1
70°	73.3	76.4	78.8	80.9	82.6	84.1	85.4	86.6	87.5	88.2	88.7
67.5°	85.8	89.3	91.7	93.6	95.1	96.6	98.4	99.9	101.2	102.1	102.6
65°	98.6	102.2	104.5	106.6	108.4	110.3	112.3	113.8	114.8	115.4	115.8
62.5°	111.0	114.3	117.3	120.0	122.6	124.8	126.2	127.4	128.5	129.4	130.0
60°	121.6	125.9	129.2	131.8	134.4	136.8	138.5	139.9	140.9	141.7	142.1
57.5°	130.6	135.0	138.9	141.5	144.3	147.2	149.2	150.3	151.3	152.2	152.6
55°	138.6	142.6	146.2	149.7	152.8	155.5	157.5	159.0	160.3	161.3	161.6
52.5°	145.7	150.1	154.3	158.0	161.1	163.6	165.7	167.5	169.0	170.0	170.4
50°	153.2	157.9	162.5	166.5	169.6	172.5	175.1	177.3	179.4	181.1	182.3
47.5°	160.6	165.6	170.6	175.1	178.8	183.0	186.7	189.8	192.9	195.4	197.1
45°	168.0	173.9	179.3	185.0	190.1	195.5	200.6	204.9	209.4	212.7	215.0
42.5°	176.3	182.9	189.4	196.6	203.5	210.6	218.2	225.0	230.3	235.2	239.2
40°	185.1	192.7	201.2	210.0	220.2	229.5	239.8	248.6	256.6	265.0	271.7
37.5°	194.5	204.0	215.2	226.9	240.2	252.9	266.3	279.5	291.0	304.5	314.9
35°	205.0	217.6	231.4	247.2	263.7	282.1	300.4	321.6	339.8	359.8	377.3
32.5°	217.3	232.4	250.4	271.3	292.6	320.4	346.3	380.0	409.2	441.0	473.0
30°	230.0	249.7	273.0	299.4	333.2	371.3	413.9	464.0	515.7	565.8	626.1
27.5°	245.7	269.6	297.8	336.2	386.0	437.5	510.7	586.0	681.0	759.6	870.4
25°	262.1	290.1	330.2	382.5	447.4	537.0	648.0	768.3	935.5	1082.4	1254.6
22.5°	279.9	317.7	367.6	432.1	530.7	668.0	836.1	1062.6	1309.2	1571.1	1831.5
20°	298.4	344.2	409.5	503.1	638.3	824.4	1112.9	1462.5	1814.9	2246.9	2629.5
17.5°	319.8	378.2	458.7	575.7	756.1	1041.1	1441.4	1929.5	2476.1	3097.3	3648.8
15°	337.7	407.3	508.9	672.6	920.7	1286.7	1791.5	2463.0	3284.4	4118.6	4965.0
12.5°	358.5	438.9	558.3	753.6	1065.0	1551.6	2238.6	3088.5	4114.3	5271.5	6635.6
10°	377.0	470.0	618.4	860.0	1240.8	1827.8	2661.6	3684.1	5007.9	6672.8	8785.2
7.5°	390.6	494.8	664.8	941.1	1392.7	2093.3	3061.2	4336.2	6018.3	8216.8	11116.0
5°	399.5	512.7	697.7	1003.6	1511.6	2290.9	3354.1	4798.8	6828.1	9937.5	14846.9
2.5°	404.8	523.3	716.4	1040.3	1584.0	2421.8	3576.9	5148.6	7352.9	11000.9	17246.6
0°	407.2	526.2	727.6	1059.8	1608.1	2472.4	3679.2	5307.9	7587.8	11249.3	17668.5
-2.5°	404.8	523.3	716.4	1040.3	1584.0	2421.8	3576.9	5148.6	7352.9	11000.9	17246.6
-5°	399.5	512.7	697.7	1003.6	1511.6	2290.9	3354.1	4798.8	6828.1	9937.5	14846.9
-7.5°	390.6	494.8	664.8	941.1	1392.7	2093.3	3061.2	4336.2	6018.3	8216.8	11116.0
-10°	377.0	470.0	618.4	860.0	1240.8	1827.8	2661.6	3684.1	5007.9	6672.8	8785.2
-12.5°	358.5	438.9	558.3	753.6	1065.0	1551.6	2238.6	3088.5	4114.3	5271.5	6635.6
-15°	337.7	407.3	508.9	672.6	920.7	1286.7	1791.5	2463.0	3284.4	4118.6	4965.0
-17.5°	319.8	378.2	458.7	575.7	756.1	1041.1	1441.4	1929.5	2476.1	3097.3	3648.8
-20°	298.4	344.2	409.5	503.1	638.3	824.4	1112.9	1462.5	1814.9	2246.9	2629.5

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626739 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	279.9	317.7	367.6	432.1	530.7	668.0	836.1	1062.6	1309.2	1571.1	1831.5
-25°	262.1	290.1	330.2	382.5	447.4	537.0	648.0	768.3	935.5	1082.4	1254.6
-27.5°	245.7	269.6	297.8	336.2	386.0	437.5	510.7	586.0	681.0	759.6	870.4
-30°	230.0	249.7	273.0	299.4	333.2	371.3	413.9	464.0	515.7	565.8	626.1
-32.5°	217.3	232.4	250.4	271.3	292.6	320.4	346.3	380.0	409.2	441.0	473.0
-35°	205.0	217.6	231.4	247.2	263.7	282.1	300.4	321.6	339.8	359.8	377.3
-37.5°	194.5	204.0	215.2	226.9	240.2	252.9	266.3	279.5	291.0	304.5	314.9
-40°	185.1	192.7	201.2	210.0	220.2	229.5	239.8	248.6	256.6	265.0	271.7
-42.5°	176.3	182.9	189.4	196.6	203.5	210.6	218.2	225.0	230.3	235.2	239.2
-45°	168.0	173.9	179.3	185.0	190.1	195.5	200.6	204.9	209.4	212.7	215.0
-47.5°	160.6	165.6	170.6	175.1	178.8	183.0	186.7	189.8	192.9	195.4	197.1
-50°	153.2	157.9	162.5	166.5	169.6	172.5	175.1	177.3	179.4	181.1	182.3
-52.5°	145.7	150.1	154.3	158.0	161.1	163.6	165.7	167.5	169.0	170.0	170.4
-55°	138.6	142.6	146.2	149.7	152.8	155.5	157.5	159.0	160.3	161.3	161.6
-57.5°	130.6	135.0	138.9	141.5	144.3	147.2	149.2	150.3	151.3	152.2	152.6
-60°	121.6	125.9	129.2	131.8	134.4	136.8	138.5	139.9	140.9	141.7	142.1
-62.5°	111.0	114.3	117.3	120.0	122.6	124.8	126.2	127.4	128.5	129.4	130.0
-65°	98.6	102.2	104.5	106.6	108.4	110.3	112.3	113.8	114.8	115.4	115.8
-67.5°	85.8	89.3	91.7	93.6	95.1	96.6	98.4	99.9	101.2	102.1	102.6
-70°	73.3	76.4	78.8	80.9	82.6	84.1	85.4	86.6	87.5	88.2	88.7
-72.5°	61.1	64.2	66.6	68.7	70.5	71.9	73.0	74.0	74.8	75.1	75.1
-75°	48.6	51.1	53.9	56.3	58.4	59.7	60.6	61.4	62.0	62.1	62.1
-77.5°	37.8	39.8	41.8	43.8	45.8	46.9	47.7	48.4	48.9	49.0	48.9
-80°	28.2	29.4	30.7	31.9	33.2	33.9	34.5	34.8	35.1	35.3	35.3
-82.5°	19.4	20.1	20.8	21.5	22.1	22.6	23.1	23.6	23.9	23.9	23.8
-85°	11.5	11.9	12.3	12.7	13.0	13.4	13.6	13.9	14.1	13.9	13.7
-87.5°	4.8	5.0	5.1	5.2	5.3	5.5	5.5	5.6	5.7	5.4	5.1
-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: P626739 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	4.7	4.4	4.4	4.4	4.4	4.4	4.7	5.1	5.4	5.7	5.6
85°	13.4	13.1	13.2	13.2	13.2	13.1	13.4	13.7	13.9	14.1	13.9
82.5°	23.6	23.4	23.5	23.5	23.5	23.4	23.6	23.8	23.9	23.9	23.6
80°	35.3	35.1	34.5	33.8	34.5	35.1	35.3	35.3	35.3	35.1	34.8
77.5°	48.7	48.3	47.7	47.0	47.7	48.3	48.7	48.9	49.0	48.9	48.4
75°	61.8	61.4	61.6	61.7	61.6	61.4	61.8	62.1	62.1	62.0	61.4
72.5°	75.0	74.7	74.9	75.0	74.9	74.7	75.0	75.1	75.1	74.8	74.0
70°	89.1	89.3	88.9	88.2	88.9	89.3	89.1	88.7	88.2	87.5	86.6
67.5°	102.7	102.5	102.1	101.4	102.1	102.5	102.7	102.6	102.1	101.2	99.9
65°	115.9	115.7	116.0	116.1	116.0	115.7	115.9	115.8	115.4	114.8	113.8
62.5°	130.3	130.3	130.0	129.4	130.0	130.3	130.3	130.0	129.4	128.5	127.4
60°	142.3	142.2	141.8	141.1	141.8	142.2	142.3	142.1	141.7	140.9	139.9
57.5°	152.7	152.6	152.1	151.4	152.1	152.6	152.7	152.6	152.2	151.3	150.3
55°	161.7	161.5	161.0	160.2	161.0	161.5	161.7	161.6	161.3	160.3	159.0
52.5°	170.5	170.3	170.3	170.5	170.3	170.3	170.5	170.4	170.0	169.0	167.5
50°	183.0	183.2	183.0	182.3	183.0	183.2	183.0	182.3	181.1	179.4	177.3
47.5°	197.9	198.0	197.7	197.0	197.7	198.0	197.9	197.1	195.4	192.9	189.8
45°	216.8	217.8	218.1	217.5	218.1	217.8	216.8	215.0	212.7	209.4	204.9
42.5°	242.3	244.0	244.5	244.0	244.5	244.0	242.3	239.2	235.2	230.3	225.0
40°	275.8	277.7	278.1	277.8	278.1	277.7	275.8	271.7	265.0	256.6	248.6
37.5°	322.2	326.8	329.0	329.3	329.0	326.8	322.2	314.9	304.5	291.0	279.5
35°	390.6	399.8	404.8	407.2	404.8	399.8	390.6	377.3	359.8	339.8	321.6
32.5°	497.3	515.8	526.0	524.8	526.0	515.8	497.3	473.0	441.0	409.2	380.0
30°	671.6	703.9	720.1	715.9	720.1	703.9	671.6	626.1	565.8	515.7	464.0
27.5°	950.0	1008.4	1042.2	1037.8	1042.2	1008.4	950.0	870.4	759.6	681.0	586.0
25°	1398.7	1505.3	1573.5	1556.7	1573.5	1505.3	1398.7	1254.6	1082.4	935.5	768.3
22.5°	2081.2	2261.8	2381.3	2366.6	2381.3	2261.8	2081.2	1831.5	1571.1	1309.2	1062.6
20°	3017.4	3292.3	3488.6	3514.6	3488.6	3292.3	3017.4	2629.5	2246.9	1814.9	1462.5
17.5°	4244.5	4680.4	4983.9	5034.5	4983.9	4680.4	4244.5	3648.8	3097.3	2476.1	1929.5
15°	5839.4	6551.9	7067.5	7110.0	7067.5	6551.9	5839.4	4965.0	4118.6	3284.4	2463.0
12.5°	8005.0	9437.9	10373.1	10784.8	10373.1	9437.9	8005.0	6635.6	5271.5	4114.3	3088.5
10°	11002.1	14293.5	16401.3	17193.7	16401.3	14293.5	11002.1	8785.2	6672.8	5007.9	3684.1
7.5°	16008.1	21175.7	26920.6	29369.1	26920.6	21175.7	16008.1	11116.0	8216.8	6018.3	4336.2
5°	21677.1	32401.8	42602.9	46586.4	42602.9	32401.8	21677.1	14846.9	9937.5	6828.1	4798.8
2.5°	27642.3	42590.9	56599.0	62077.2	56599.0	42590.9	27642.3	17246.6	11000.9	7352.9	5148.6
0°	29971.8	47052.3	62464.5	68607.3	62464.5	47052.3	29971.8	17668.5	11249.3	7587.8	5307.9
-2.5°	27642.3	42590.9	56599.0	62077.2	56599.0	42590.9	27642.3	17246.6	11000.9	7352.9	5148.6
-5°	21677.1	32401.8	42602.9	46586.4	42602.9	32401.8	21677.1	14846.9	9937.5	6828.1	4798.8
-7.5°	16008.1	21175.7	26920.6	29369.1	26920.6	21175.7	16008.1	11116.0	8216.8	6018.3	4336.2
-10°	11002.1	14293.5	16401.3	17193.7	16401.3	14293.5	11002.1	8785.2	6672.8	5007.9	3684.1
-12.5°	8005.0	9437.9	10373.1	10784.8	10373.1	9437.9	8005.0	6635.6	5271.5	4114.3	3088.5
-15°	5839.4	6551.9	7067.5	7110.0	7067.5	6551.9	5839.4	4965.0	4118.6	3284.4	2463.0
-17.5°	4244.5	4680.4	4983.9	5034.5	4983.9	4680.4	4244.5	3648.8	3097.3	2476.1	1929.5
-20°	3017.4	3292.3	3488.6	3514.6	3488.6	3292.3	3017.4	2629.5	2246.9	1814.9	1462.5



REPORT NUMBER: P626739 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	2081.2	2261.8	2381.3	2366.6	2381.3	2261.8	2081.2	1831.5	1571.1	1309.2	1062.6
-25°	1398.7	1505.3	1573.5	1556.7	1573.5	1505.3	1398.7	1254.6	1082.4	935.5	768.3
-27.5°	950.0	1008.4	1042.2	1037.8	1042.2	1008.4	950.0	870.4	759.6	681.0	586.0
-30°	671.6	703.9	720.1	715.9	720.1	703.9	671.6	626.1	565.8	515.7	464.0
-32.5°	497.3	515.8	526.0	524.8	526.0	515.8	497.3	473.0	441.0	409.2	380.0
-35°	390.6	399.8	404.8	407.2	404.8	399.8	390.6	377.3	359.8	339.8	321.6
-37.5°	322.2	326.8	329.0	329.3	329.0	326.8	322.2	314.9	304.5	291.0	279.5
-40°	275.8	277.7	278.1	277.8	278.1	277.7	275.8	271.7	265.0	256.6	248.6
-42.5°	242.3	244.0	244.5	244.0	244.5	244.0	242.3	239.2	235.2	230.3	225.0
-45°	216.8	217.8	218.1	217.5	218.1	217.8	216.8	215.0	212.7	209.4	204.9
-47.5°	197.9	198.0	197.7	197.0	197.7	198.0	197.9	197.1	195.4	192.9	189.8
-50°	183.0	183.2	183.0	182.3	183.0	183.2	183.0	182.3	181.1	179.4	177.3
-52.5°	170.5	170.3	170.3	170.5	170.3	170.3	170.5	170.4	170.0	169.0	167.5
-55°	161.7	161.5	161.0	160.2	161.0	161.5	161.7	161.6	161.3	160.3	159.0
-57.5°	152.7	152.6	152.1	151.4	152.1	152.6	152.7	152.6	152.2	151.3	150.3
-60°	142.3	142.2	141.8	141.1	141.8	142.2	142.3	142.1	141.7	140.9	139.9
-62.5°	130.3	130.3	130.0	129.4	130.0	130.3	130.3	130.0	129.4	128.5	127.4
-65°	115.9	115.7	116.0	116.1	116.0	115.7	115.9	115.8	115.4	114.8	113.8
-67.5°	102.7	102.5	102.1	101.4	102.1	102.5	102.7	102.6	102.1	101.2	99.9
-70°	89.1	89.3	88.9	88.2	88.9	89.3	89.1	88.7	88.2	87.5	86.6
-72.5°	75.0	74.7	74.9	75.0	74.9	74.7	75.0	75.1	75.1	74.8	74.0
-75°	61.8	61.4	61.6	61.7	61.6	61.4	61.8	62.1	62.1	62.0	61.4
-77.5°	48.7	48.3	47.7	47.0	47.7	48.3	48.7	48.9	49.0	48.9	48.4
-80°	35.3	35.1	34.5	33.8	34.5	35.1	35.3	35.3	35.3	35.1	34.8
-82.5°	23.6	23.4	23.5	23.5	23.5	23.4	23.6	23.8	23.9	23.9	23.6
-85°	13.4	13.1	13.2	13.2	13.2	13.1	13.4	13.7	13.9	14.1	13.9
-87.5°	4.7	4.4	4.4	4.4	4.4	4.4	4.7	5.1	5.4	5.7	5.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626739 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	5.5	5.5	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.2
85°	13.6	13.4	13.0	12.7	12.3	11.9	11.5	10.8	10.2	9.5	8.9
82.5°	23.1	22.6	22.1	21.5	20.8	20.1	19.4	18.3	17.2	15.9	14.6
80°	34.5	33.9	33.2	31.9	30.7	29.4	28.2	27.0	25.7	24.3	22.9
77.5°	47.7	46.9	45.8	43.8	41.8	39.8	37.8	36.2	34.6	32.9	31.1
75°	60.6	59.7	58.4	56.3	53.9	51.1	48.6	46.5	44.3	42.0	39.6
72.5°	73.0	71.9	70.5	68.7	66.6	64.2	61.1	57.8	54.7	51.7	48.8
70°	85.4	84.1	82.6	80.9	78.8	76.4	73.3	69.6	65.4	61.3	58.2
67.5°	98.4	96.6	95.1	93.6	91.7	89.3	85.8	81.9	77.8	73.0	68.6
65°	112.3	110.3	108.4	106.6	104.5	102.2	98.6	94.3	89.8	85.0	80.0
62.5°	126.2	124.8	122.6	120.0	117.3	114.3	111.0	106.8	101.9	96.4	90.9
60°	138.5	136.8	134.4	131.8	129.2	125.9	121.6	117.8	114.5	108.2	101.6
57.5°	149.2	147.2	144.3	141.5	138.9	135.0	130.6	126.3	122.1	117.8	112.1
55°	157.5	155.5	152.8	149.7	146.2	142.6	138.6	133.9	129.4	125.5	120.3
52.5°	165.7	163.6	161.1	158.0	154.3	150.1	145.7	141.1	136.9	132.8	128.1
50°	175.1	172.5	169.6	166.5	162.5	157.9	153.2	148.2	143.9	139.7	135.3
47.5°	186.7	183.0	178.8	175.1	170.6	165.6	160.6	155.6	150.9	146.0	141.5
45°	200.6	195.5	190.1	185.0	179.3	173.9	168.0	162.8	157.8	152.5	147.0
42.5°	218.2	210.6	203.5	196.6	189.4	182.9	176.3	170.2	164.5	158.9	152.9
40°	239.8	229.5	220.2	210.0	201.2	192.7	185.1	177.6	171.2	165.1	158.5
37.5°	266.3	252.9	240.2	226.9	215.2	204.0	194.5	185.9	177.6	170.9	164.0
35°	300.4	282.1	263.7	247.2	231.4	217.6	205.0	194.5	185.1	176.5	169.2
32.5°	346.3	320.4	292.6	271.3	250.4	232.4	217.3	204.0	192.7	182.9	174.2
30°	413.9	371.3	333.2	299.4	273.0	249.7	230.0	214.7	201.2	189.4	179.3
27.5°	510.7	437.5	386.0	336.2	297.8	269.6	245.7	225.6	209.8	196.6	184.9
25°	648.0	537.0	447.4	382.5	330.2	290.1	262.1	238.7	219.3	203.5	189.4
22.5°	836.1	668.0	530.7	432.1	367.6	317.7	279.9	251.7	228.1	209.5	194.2
20°	1112.9	824.4	638.3	503.1	409.5	344.2	298.4	265.3	238.0	215.7	198.4
17.5°	1441.4	1041.1	756.1	575.7	458.7	378.2	319.8	277.7	247.0	221.2	201.9
15°	1791.5	1286.7	920.7	672.6	508.9	407.3	337.7	288.7	255.5	227.3	206.1
12.5°	2238.6	1551.6	1065.0	753.6	558.3	438.9	358.5	302.7	263.9	233.7	210.5
10°	2661.6	1827.8	1240.8	860.0	618.4	470.0	377.0	313.5	270.4	238.9	214.1
7.5°	3061.2	2093.3	1392.7	941.1	664.8	494.8	390.6	321.3	275.0	242.5	216.8
5°	3354.1	2290.9	1511.6	1003.6	697.7	512.7	399.5	326.1	277.8	244.6	218.7
2.5°	3576.9	2421.8	1584.0	1040.3	716.4	523.3	404.8	329.8	280.5	246.3	220.8
0°	3679.2	2472.4	1608.1	1059.8	727.6	526.2	407.2	332.2	282.2	246.9	222.0
-2.5°	3576.9	2421.8	1584.0	1040.3	716.4	523.3	404.8	329.8	280.5	246.3	220.8
-5°	3354.1	2290.9	1511.6	1003.6	697.7	512.7	399.5	326.1	277.8	244.6	218.7
-7.5°	3061.2	2093.3	1392.7	941.1	664.8	494.8	390.6	321.3	275.0	242.5	216.8
-10°	2661.6	1827.8	1240.8	860.0	618.4	470.0	377.0	313.5	270.4	238.9	214.1
-12.5°	2238.6	1551.6	1065.0	753.6	558.3	438.9	358.5	302.7	263.9	233.7	210.5
-15°	1791.5	1286.7	920.7	672.6	508.9	407.3	337.7	288.7	255.5	227.3	206.1
-17.5°	1441.4	1041.1	756.1	575.7	458.7	378.2	319.8	277.7	247.0	221.2	201.9
-20°	1112.9	824.4	638.3	503.1	409.5	344.2	298.4	265.3	238.0	215.7	198.4



Classified

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

Scaled Data Report



REPORT NUMBER: P626739 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	836.1	668.0	530.7	432.1	367.6	317.7	279.9	251.7	228.1	209.5	194.2
-25°	648.0	537.0	447.4	382.5	330.2	290.1	262.1	238.7	219.3	203.5	189.4
-27.5°	510.7	437.5	386.0	336.2	297.8	269.6	245.7	225.6	209.8	196.6	184.9
-30°	413.9	371.3	333.2	299.4	273.0	249.7	230.0	214.7	201.2	189.4	179.3
-32.5°	346.3	320.4	292.6	271.3	250.4	232.4	217.3	204.0	192.7	182.9	174.2
-35°	300.4	282.1	263.7	247.2	231.4	217.6	205.0	194.5	185.1	176.5	169.2
-37.5°	266.3	252.9	240.2	226.9	215.2	204.0	194.5	185.9	177.6	170.9	164.0
-40°	239.8	229.5	220.2	210.0	201.2	192.7	185.1	177.6	171.2	165.1	158.5
-42.5°	218.2	210.6	203.5	196.6	189.4	182.9	176.3	170.2	164.5	158.9	152.9
-45°	200.6	195.5	190.1	185.0	179.3	173.9	168.0	162.8	157.8	152.5	147.0
-47.5°	186.7	183.0	178.8	175.1	170.6	165.6	160.6	155.6	150.9	146.0	141.5
-50°	175.1	172.5	169.6	166.5	162.5	157.9	153.2	148.2	143.9	139.7	135.3
-52.5°	165.7	163.6	161.1	158.0	154.3	150.1	145.7	141.1	136.9	132.8	128.1
-55°	157.5	155.5	152.8	149.7	146.2	142.6	138.6	133.9	129.4	125.5	120.3
-57.5°	149.2	147.2	144.3	141.5	138.9	135.0	130.6	126.3	122.1	117.8	112.1
-60°	138.5	136.8	134.4	131.8	129.2	125.9	121.6	117.8	114.5	108.2	101.6
-62.5°	126.2	124.8	122.6	120.0	117.3	114.3	111.0	106.8	101.9	96.4	90.9
-65°	112.3	110.3	108.4	106.6	104.5	102.2	98.6	94.3	89.8	85.0	80.0
-67.5°	98.4	96.6	95.1	93.6	91.7	89.3	85.8	81.9	77.8	73.0	68.6
-70°	85.4	84.1	82.6	80.9	78.8	76.4	73.3	69.6	65.4	61.3	58.2
-72.5°	73.0	71.9	70.5	68.7	66.6	64.2	61.1	57.8	54.7	51.7	48.8
-75°	60.6	59.7	58.4	56.3	53.9	51.1	48.6	46.5	44.3	42.0	39.6
-77.5°	47.7	46.9	45.8	43.8	41.8	39.8	37.8	36.2	34.6	32.9	31.1
-80°	34.5	33.9	33.2	31.9	30.7	29.4	28.2	27.0	25.7	24.3	22.9
-82.5°	23.1	22.6	22.1	21.5	20.8	20.1	19.4	18.3	17.2	15.9	14.6
-85°	13.6	13.4	13.0	12.7	12.3	11.9	11.5	10.8	10.2	9.5	8.9
-87.5°	5.5	5.5	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.3	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: P626739 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	4.0	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.3	2.0	1.8
85°	8.6	8.2	7.7	7.2	6.5	5.9	5.4	5.0	4.5	4.0	3.5
82.5°	13.9	13.4	12.9	12.2	11.3	10.3	9.3	8.2	7.2	6.1	5.3
80°	21.5	20.2	18.9	17.7	16.2	14.6	13.3	11.9	10.5	9.1	7.6
77.5°	29.3	27.3	25.3	23.5	21.6	19.7	17.7	15.7	13.8	12.0	10.2
75°	37.1	34.7	32.3	29.9	27.3	24.7	22.4	20.0	17.5	15.0	12.8
72.5°	45.9	42.8	39.6	36.4	33.4	30.4	27.3	24.2	21.3	18.4	15.5
70°	55.0	51.2	47.4	43.8	40.0	36.0	32.4	28.8	25.1	21.8	18.4
67.5°	64.5	60.6	56.2	51.4	47.1	42.6	37.7	33.5	29.3	25.1	21.3
65°	75.0	70.1	65.5	60.0	54.5	49.3	44.1	38.4	33.5	28.8	24.2
62.5°	85.2	79.4	73.8	68.1	62.2	56.2	50.3	43.9	37.7	32.4	27.3
60°	95.3	88.9	82.0	75.5	69.3	63.0	56.2	49.3	42.5	36.0	30.4
57.5°	105.0	98.2	90.4	82.9	75.9	69.2	62.0	54.4	47.1	39.9	33.4
55°	113.9	106.4	98.3	90.1	82.3	75.0	67.5	59.4	51.5	43.8	36.3
52.5°	122.2	114.3	105.7	97.0	88.4	80.5	72.6	64.2	55.8	47.6	39.5
50°	129.9	122.2	113.0	103.6	94.2	85.9	77.6	68.8	59.8	51.1	42.6
47.5°	136.5	129.2	120.4	110.2	100.2	91.2	82.5	73.3	63.7	54.5	45.6
45°	142.0	135.8	127.2	117.0	106.3	96.7	87.3	77.7	67.6	57.8	48.4
42.5°	147.0	141.2	133.5	123.7	112.6	102.2	92.1	82.0	71.5	60.9	51.2
40°	152.2	146.0	139.4	129.5	118.4	107.4	96.8	86.2	75.2	64.0	53.8
37.5°	157.0	150.6	143.9	134.9	123.7	112.4	101.4	90.2	78.7	67.1	56.3
35°	161.8	154.7	147.8	139.1	128.3	116.8	105.7	94.1	81.9	70.0	58.6
32.5°	166.5	158.5	151.0	142.5	132.4	120.8	109.5	97.5	85.0	72.6	60.8
30°	170.8	162.1	154.1	145.8	136.0	124.4	112.8	100.5	87.8	75.0	62.8
27.5°	174.2	165.0	157.1	148.7	138.8	127.6	115.7	103.3	90.5	77.3	64.8
25°	177.6	167.8	159.5	151.3	141.5	130.8	118.3	105.7	92.8	79.4	66.5
22.5°	181.3	170.3	161.4	153.7	144.2	133.9	120.9	107.8	94.8	81.3	68.1
20°	184.6	172.5	162.8	155.7	146.4	136.1	123.3	109.8	96.5	82.9	69.5
17.5°	187.6	174.9	164.6	156.9	148.1	138.1	125.5	111.4	97.9	84.4	70.7
15°	190.6	177.3	166.3	157.8	149.5	139.8	127.6	112.9	99.1	85.6	71.7
12.5°	193.3	179.3	167.6	158.5	150.5	141.1	129.3	114.1	100.0	86.7	72.7
10°	195.6	180.9	168.5	159.0	151.3	142.1	130.9	115.3	101.0	87.5	73.5
7.5°	197.3	181.9	169.2	159.3	151.8	142.9	132.2	116.7	101.8	88.0	74.1
5°	198.6	182.8	170.2	160.2	152.4	143.6	133.1	117.8	102.4	88.3	74.6
2.5°	199.6	183.5	171.3	161.0	152.8	144.0	133.6	118.6	102.8	88.4	74.9
0°	199.9	183.7	172.0	161.7	152.9	144.1	133.8	119.1	102.9	88.2	75.0
-2.5°	199.6	183.5	171.3	161.0	152.8	144.0	133.6	118.6	102.8	88.4	74.9
-5°	198.6	182.8	170.2	160.2	152.4	143.6	133.1	117.8	102.4	88.3	74.6
-7.5°	197.3	181.9	169.2	159.3	151.8	142.9	132.2	116.7	101.8	88.0	74.1
-10°	195.6	180.9	168.5	159.0	151.3	142.1	130.9	115.3	101.0	87.5	73.5
-12.5°	193.3	179.3	167.6	158.5	150.5	141.1	129.3	114.1	100.0	86.7	72.7
-15°	190.6	177.3	166.3	157.8	149.5	139.8	127.6	112.9	99.1	85.6	71.7
-17.5°	187.6	174.9	164.6	156.9	148.1	138.1	125.5	111.4	97.9	84.4	70.7
-20°	184.6	172.5	162.8	155.7	146.4	136.1	123.3	109.8	96.5	82.9	69.5

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Scaled Data Report



REPORT NUMBER: P626739 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	181.3	170.3	161.4	153.7	144.2	133.9	120.9	107.8	94.8	81.3	68.1
-25°	177.6	167.8	159.5	151.3	141.5	130.8	118.3	105.7	92.8	79.4	66.5
-27.5°	174.2	165.0	157.1	148.7	138.8	127.6	115.7	103.3	90.5	77.3	64.8
-30°	170.8	162.1	154.1	145.8	136.0	124.4	112.8	100.5	87.8	75.0	62.8
-32.5°	166.5	158.5	151.0	142.5	132.4	120.8	109.5	97.5	85.0	72.6	60.8
-35°	161.8	154.7	147.8	139.1	128.3	116.8	105.7	94.1	81.9	70.0	58.6
-37.5°	157.0	150.6	143.9	134.9	123.7	112.4	101.4	90.2	78.7	67.1	56.3
-40°	152.2	146.0	139.4	129.5	118.4	107.4	96.8	86.2	75.2	64.0	53.8
-42.5°	147.0	141.2	133.5	123.7	112.6	102.2	92.1	82.0	71.5	60.9	51.2
-45°	142.0	135.8	127.2	117.0	106.3	96.7	87.3	77.7	67.6	57.8	48.4
-47.5°	136.5	129.2	120.4	110.2	100.2	91.2	82.5	73.3	63.7	54.5	45.6
-50°	129.9	122.2	113.0	103.6	94.2	85.9	77.6	68.8	59.8	51.1	42.6
-52.5°	122.2	114.3	105.7	97.0	88.4	80.5	72.6	64.2	55.8	47.6	39.5
-55°	113.9	106.4	98.3	90.1	82.3	75.0	67.5	59.4	51.5	43.8	36.3
-57.5°	105.0	98.2	90.4	82.9	75.9	69.2	62.0	54.4	47.1	39.9	33.4
-60°	95.3	88.9	82.0	75.5	69.3	63.0	56.2	49.3	42.5	36.0	30.4
-62.5°	85.2	79.4	73.8	68.1	62.2	56.2	50.3	43.9	37.7	32.4	27.3
-65°	75.0	70.1	65.5	60.0	54.5	49.3	44.1	38.4	33.5	28.8	24.2
-67.5°	64.5	60.6	56.2	51.4	47.1	42.6	37.7	33.5	29.3	25.1	21.3
-70°	55.0	51.2	47.4	43.8	40.0	36.0	32.4	28.8	25.1	21.8	18.4
-72.5°	45.9	42.8	39.6	36.4	33.4	30.4	27.3	24.2	21.3	18.4	15.5
-75°	37.1	34.7	32.3	29.9	27.3	24.7	22.4	20.0	17.5	15.0	12.8
-77.5°	29.3	27.3	25.3	23.5	21.6	19.7	17.7	15.7	13.8	12.0	10.2
-80°	21.5	20.2	18.9	17.7	16.2	14.6	13.3	11.9	10.5	9.1	7.6
-82.5°	13.9	13.4	12.9	12.2	11.3	10.3	9.3	8.2	7.2	6.1	5.3
-85°	8.6	8.2	7.7	7.2	6.5	5.9	5.4	5.0	4.5	4.0	3.5
-87.5°	4.0	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.3	2.0	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA1D-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°	1.5	1.3	1.0	0.8	0.5	0.2	0.0
85°	3.1	2.6	2.0	1.5	1.0	0.4	0.0
82.5°	4.6	3.8	3.1	2.3	1.5	0.7	0.0
80°	6.2	5.1	4.1	3.1	2.0	0.9	0.0
77.5°	8.4	6.5	5.1	3.8	2.5	1.1	0.0
75°	10.6	8.3	6.1	4.6	3.0	1.3	0.0
72.5°	12.7	10.0	7.5	5.3	3.5	1.5	0.0
70°	14.9	11.7	8.8	6.1	4.0	1.7	0.0
67.5°	17.4	13.4	10.1	7.0	4.4	1.9	0.0
65°	19.8	15.2	11.3	7.9	4.9	2.1	0.0
62.5°	22.1	17.2	12.5	8.8	5.3	2.3	0.0
60°	24.4	19.1	13.7	9.6	5.7	2.5	0.0
57.5°	27.0	21.0	15.2	10.5	6.2	2.7	0.0
55°	29.5	22.8	16.6	11.3	6.7	2.9	0.0
52.5°	31.9	24.6	18.0	12.0	7.2	3.0	0.0
50°	34.2	26.5	19.4	12.8	7.7	3.2	0.0
47.5°	36.5	28.4	20.7	13.5	8.2	3.3	0.0
45°	39.0	30.2	22.0	14.5	8.7	3.5	0.0
42.5°	41.3	31.9	23.2	15.4	9.1	3.6	0.0
40°	43.6	33.6	24.4	16.2	9.5	3.7	0.0
37.5°	45.7	35.1	25.6	17.1	9.9	3.9	0.0
35°	47.7	36.7	26.8	17.9	10.3	4.0	0.0
32.5°	49.6	38.3	27.9	18.6	10.7	4.1	0.0
30°	51.3	39.7	28.9	19.3	11.0	4.1	0.0
27.5°	52.9	41.1	29.9	20.0	11.4	4.2	0.0
25°	54.3	42.3	30.8	20.6	11.7	4.3	0.0
22.5°	55.7	43.4	31.7	21.1	11.9	4.3	0.0
20°	56.9	44.3	32.4	21.6	12.2	4.4	0.0
17.5°	57.8	45.1	33.1	22.1	12.4	4.4	0.0
15°	58.6	45.8	33.7	22.4	12.6	4.4	0.0
12.5°	59.3	46.3	34.2	22.8	12.8	4.5	0.0
10°	59.8	46.7	34.6	23.0	12.9	4.5	0.0
7.5°	60.2	47.0	34.9	23.2	13.1	4.5	0.0
5°	60.4	47.1	35.1	23.4	13.1	4.4	0.0
2.5°	60.4	47.1	35.3	23.5	13.2	4.4	0.0
0°	60.3	47.0	35.3	23.5	13.2	4.4	0.0
-2.5°	60.4	47.1	35.3	23.5	13.2	4.4	0.0
-5°	60.4	47.1	35.1	23.4	13.1	4.4	0.0
-7.5°	60.2	47.0	34.9	23.2	13.1	4.5	0.0
-10°	59.8	46.7	34.6	23.0	12.9	4.5	0.0
-12.5°	59.3	46.3	34.2	22.8	12.8	4.5	0.0
-15°	58.6	45.8	33.7	22.4	12.6	4.4	0.0
-17.5°	57.8	45.1	33.1	22.1	12.4	4.4	0.0
-20°	56.9	44.3	32.4	21.6	12.2	4.4	0.0

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CATALOG NUMBER: GFLD-SA1D-735-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	55.7	43.4	31.7	21.1	11.9	4.3	0.0
-25°	54.3	42.3	30.8	20.6	11.7	4.3	0.0
-27.5°	52.9	41.1	29.9	20.0	11.4	4.2	0.0
-30°	51.3	39.7	28.9	19.3	11.0	4.1	0.0
-32.5°	49.6	38.3	27.9	18.6	10.7	4.1	0.0
-35°	47.7	36.7	26.8	17.9	10.3	4.0	0.0
-37.5°	45.7	35.1	25.6	17.1	9.9	3.9	0.0
-40°	43.6	33.6	24.4	16.2	9.5	3.7	0.0
-42.5°	41.3	31.9	23.2	15.4	9.1	3.6	0.0
-45°	39.0	30.2	22.0	14.5	8.7	3.5	0.0
-47.5°	36.5	28.4	20.7	13.5	8.2	3.3	0.0
-50°	34.2	26.5	19.4	12.8	7.7	3.2	0.0
-52.5°	31.9	24.6	18.0	12.0	7.2	3.0	0.0
-55°	29.5	22.8	16.6	11.3	6.7	2.9	0.0
-57.5°	27.0	21.0	15.2	10.5	6.2	2.7	0.0
-60°	24.4	19.1	13.7	9.6	5.7	2.5	0.0
-62.5°	22.1	17.2	12.5	8.8	5.3	2.3	0.0
-65°	19.8	15.2	11.3	7.9	4.9	2.1	0.0
-67.5°	17.4	13.4	10.1	7.0	4.4	1.9	0.0
-70°	14.9	11.7	8.8	6.1	4.0	1.7	0.0
-72.5°	12.7	10.0	7.5	5.3	3.5	1.5	0.0
-75°	10.6	8.3	6.1	4.6	3.0	1.3	0.0
-77.5°	8.4	6.5	5.1	3.8	2.5	1.1	0.0
-80°	6.2	5.1	4.1	3.1	2.0	0.9	0.0
-82.5°	4.6	3.8	3.1	2.3	1.5	0.7	0.0
-85°	3.1	2.6	2.0	1.5	1.0	0.4	0.0
-87.5°	1.5	1.3	1.0	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)