

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: P626659 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-727-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626659 (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-727-U-NR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N10  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

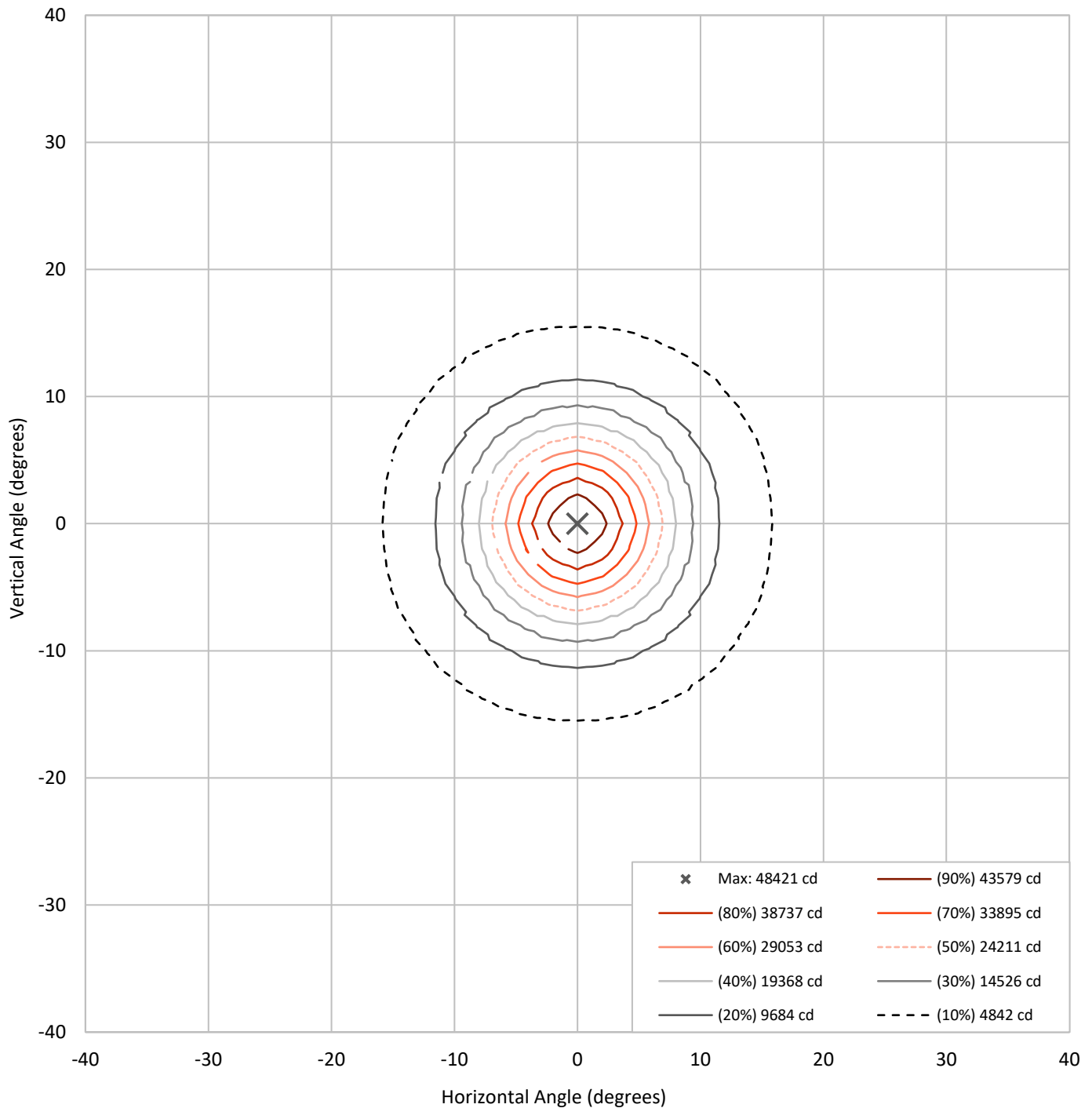
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	5141.6 lumens	Max Intensity:	48421 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	118.2 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:	1520.1 lumens	Field Lumens:	3420.9 lumens
Beam Efficiency:	29.6%	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		



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### Iso-Candela Plot





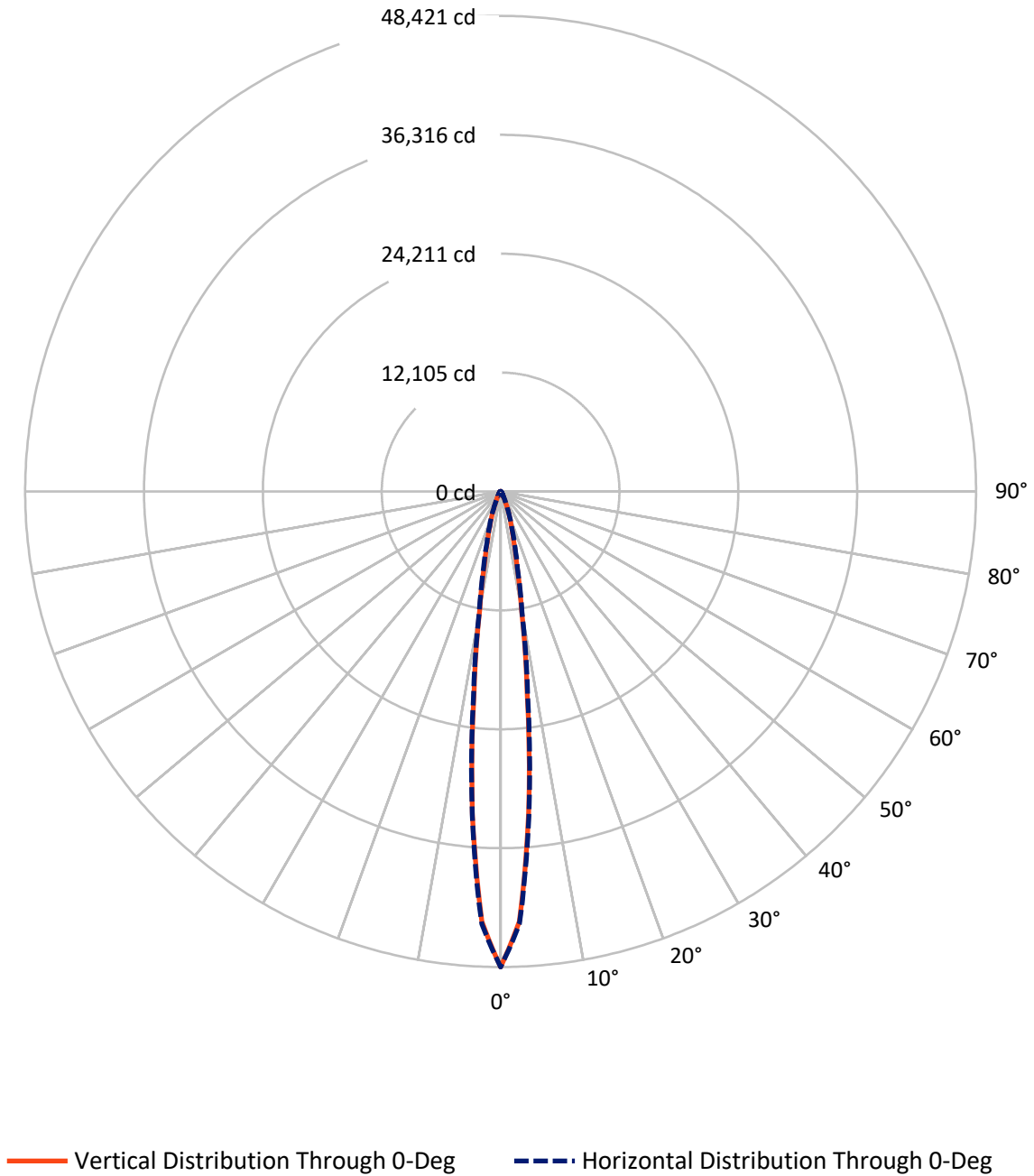
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### Lumen Table

90	0.1	0.7	1.9	3.0	3.3	3.0	1.9	0.7	0.1										
80	0.1	0.7	1.9	3.0	3.3	3.0	1.9	0.7	0.1										
70	0.3	0.4	0.7	1.2	1.7	2.1	2.4	2.5	2.5	2.4	2.1	1.7	1.2	0.7	0.4	0.3			
60		0.5	1.1	1.8	2.4	3.0	3.3	3.5	3.5	3.3	3.0	2.4	1.8	1.1	0.5				
50	0.6	0.7	1.4	2.2	3.0	3.7	4.4	4.7	4.7	4.4	3.7	3.0	2.2	1.4	0.7	0.6			
40		0.9	1.7	2.6	3.7	5.3	7.4	9.2	9.2	7.4	5.3	3.7	2.6	1.7	0.9				
30	0.7	1.0	1.9	2.9	4.7	9.4	21.4	35.4	35.4	21.4	9.4	4.7	2.9	1.9	1.0	0.7			
20		1.0	2.0	3.2	6.3	19.9	70.8	152.6	152.6	70.8	19.9	6.3	3.2	2.0	1.0				
10	0.8	1.1	2.0	3.4	7.6	32.9	154.0	665.2	665.2	154.0	32.9	7.6	3.4	2.0	1.1	0.8			
0		1.1	2.0	3.4	7.6	32.9	154.0	665.2	665.2	154.0	32.9	7.6	3.4	2.0	1.1				
-10	0.7	1.0	2.0	3.2	6.3	19.9	70.8	152.6	152.6	70.8	19.9	6.3	3.2	2.0	1.0	0.7			
-20		1.0	1.9	2.9	4.7	9.4	21.4	35.4	35.4	21.4	9.4	4.7	2.9	1.9	1.0				
-30	0.6	0.9	1.7	2.6	3.7	5.3	7.4	9.2	9.2	7.4	5.3	3.7	2.6	1.7	0.9	0.6			
-40		0.7	1.4	2.2	3.0	3.7	4.4	4.7	4.7	4.4	3.7	3.0	2.2	1.4	0.7				
-50	0.3	0.5	1.1	1.8	2.4	3.0	3.3	3.5	3.5	3.3	3.0	2.4	1.8	1.1	0.5	0.3			
-60		0.4	0.7	1.2	1.7	2.1	2.4	2.5	2.5	2.4	2.1	1.7	1.2	0.7	0.4				
-70	0.1	0.7	1.9	3.0	3.3	3.0	1.9	0.7	0.1							0.1			
-80		0.1	0.7	1.9	3.0	3.3	3.0	1.9	0.7	0.1									
-90	0.1	0.7	1.9	3.0	3.3	3.0	1.9	0.7	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

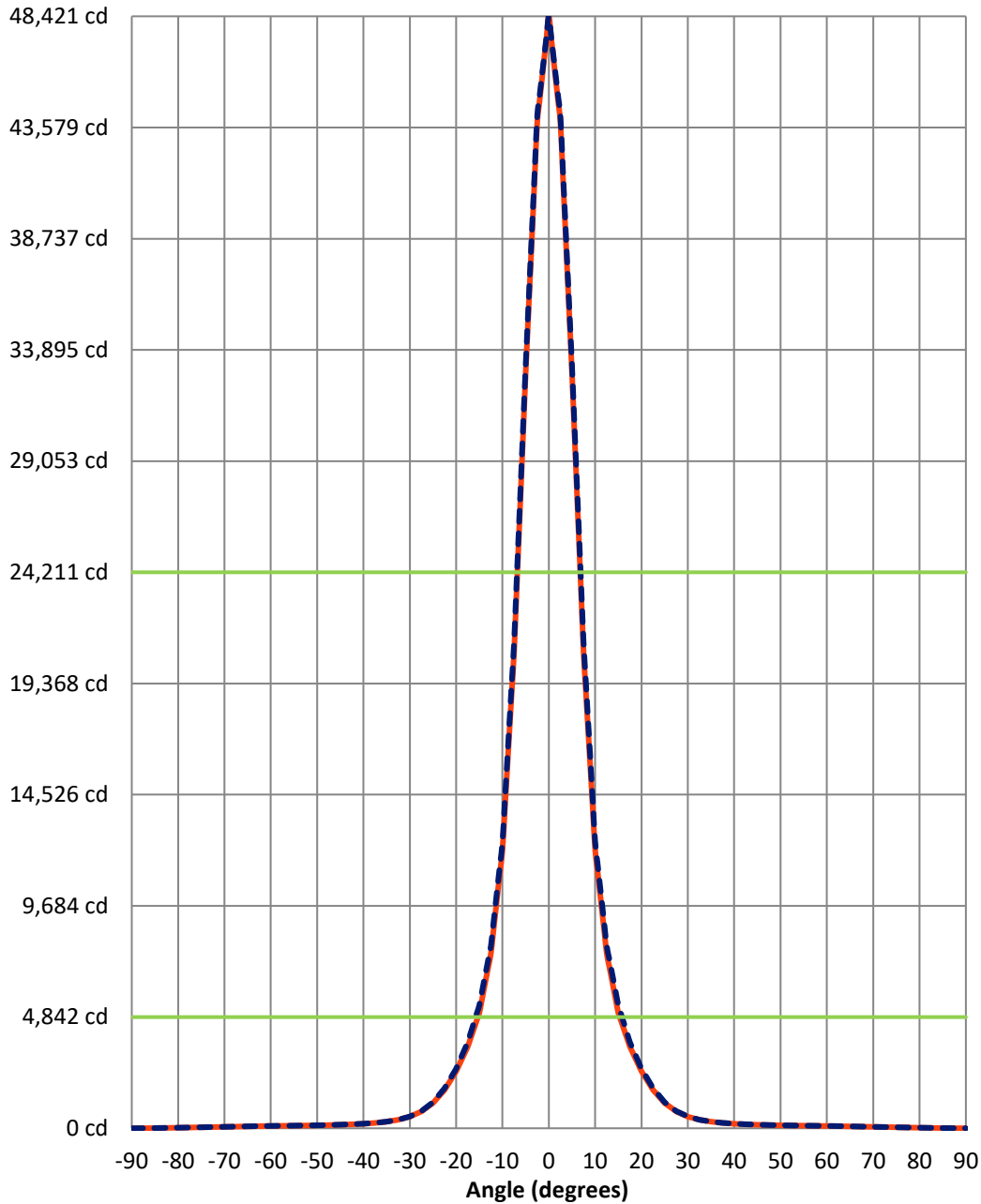
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 1520.1  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 3420.9  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 1720.6  
 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	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
85°	0.0	0.3	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	5.0	5.8
80°	0.0	0.6	1.4	2.1	2.8	3.5	4.3	5.3	6.4	7.4	8.4
77.5°	0.0	0.8	1.8	2.7	3.5	4.5	5.9	7.2	8.5	9.8	11.1
75°	0.0	0.9	2.1	3.2	4.3	5.8	7.5	9.0	10.6	12.4	14.1
72.5°	0.0	1.1	2.4	3.7	5.2	7.0	9.0	10.9	13.0	15.0	17.0
70°	0.0	1.2	2.8	4.2	6.2	8.2	10.5	13.0	15.3	17.7	20.3
67.5°	0.0	1.4	3.1	4.9	7.1	9.4	12.3	15.0	17.7	20.7	23.6
65°	0.0	1.5	3.4	5.5	8.0	10.7	13.9	17.0	20.3	23.6	27.1
62.5°	0.0	1.6	3.7	6.2	8.8	12.1	15.6	19.2	22.9	26.6	31.0
60°	0.0	1.8	4.0	6.8	9.7	13.5	17.2	21.4	25.4	30.0	34.8
57.5°	0.0	1.9	4.3	7.4	10.7	14.8	19.0	23.6	28.2	33.2	38.4
55°	0.0	2.0	4.7	7.9	11.7	16.1	20.8	25.6	30.9	36.4	42.0
52.5°	0.0	2.1	5.1	8.5	12.7	17.3	22.5	27.9	33.6	39.4	45.4
50°	0.0	2.2	5.4	9.0	13.7	18.7	24.2	30.1	36.1	42.2	48.6
47.5°	0.0	2.3	5.8	9.5	14.6	20.0	25.8	32.2	38.5	45.0	51.8
45°	0.0	2.4	6.1	10.2	15.5	21.3	27.5	34.2	40.8	47.7	54.9
42.5°	0.0	2.5	6.4	10.8	16.4	22.5	29.2	36.1	43.0	50.5	57.9
40°	0.0	2.6	6.7	11.5	17.2	23.7	30.7	38.0	45.2	53.1	60.9
37.5°	0.0	2.7	7.0	12.1	18.1	24.8	32.2	39.7	47.4	55.5	63.7
35°	0.0	2.8	7.3	12.6	18.9	25.9	33.6	41.4	49.4	57.9	66.4
32.5°	0.0	2.8	7.5	13.2	19.7	27.0	35.0	42.9	51.2	60.0	68.8
30°	0.0	2.9	7.8	13.7	20.4	28.0	36.2	44.4	52.9	62.0	70.9
27.5°	0.0	3.0	8.0	14.1	21.1	29.0	37.3	45.7	54.5	63.9	72.9
25°	0.0	3.0	8.2	14.5	21.8	29.8	38.4	47.0	56.0	65.5	74.6
22.5°	0.0	3.0	8.4	14.9	22.3	30.6	39.3	48.1	57.3	66.9	76.1
20°	0.0	3.1	8.6	15.3	22.9	31.3	40.2	49.0	58.5	68.1	77.5
17.5°	0.0	3.1	8.8	15.6	23.3	31.8	40.8	49.9	59.6	69.1	78.7
15°	0.0	3.1	8.9	15.8	23.8	32.3	41.4	50.6	60.4	69.9	79.7
12.5°	0.0	3.1	9.0	16.1	24.1	32.7	41.9	51.3	61.2	70.5	80.6
10°	0.0	3.1	9.1	16.3	24.4	33.0	42.2	51.8	61.7	71.2	81.4
7.5°	0.0	3.1	9.2	16.4	24.6	33.2	42.5	52.3	62.1	71.8	82.3
5°	0.0	3.1	9.3	16.5	24.8	33.3	42.6	52.6	62.3	72.2	83.1
2.5°	0.0	3.1	9.3	16.6	24.9	33.3	42.6	52.8	62.3	72.5	83.7
0°	0.0	3.1	9.3	16.6	24.9	33.3	42.6	52.8	62.3	72.5	83.7
-2.5°	0.0	3.1	9.3	16.6	24.9	33.3	42.6	52.8	62.3	72.5	83.7
-5°	0.0	3.1	9.3	16.5	24.8	33.3	42.6	52.6	62.3	72.2	83.1
-7.5°	0.0	3.1	9.2	16.4	24.6	33.2	42.5	52.3	62.1	71.8	82.3
-10°	0.0	3.1	9.1	16.3	24.4	33.0	42.2	51.8	61.7	71.2	81.4
-12.5°	0.0	3.1	9.0	16.1	24.1	32.7	41.9	51.3	61.2	70.5	80.6
-15°	0.0	3.1	8.9	15.8	23.8	32.3	41.4	50.6	60.4	69.9	79.7
-17.5°	0.0	3.1	8.8	15.6	23.3	31.8	40.8	49.9	59.6	69.1	78.7
-20°	0.0	3.1	8.6	15.3	22.9	31.3	40.2	49.0	58.5	68.1	77.5

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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	3.0	8.4	14.9	22.3	30.6	39.3	48.1	57.3	66.9	76.1
-25°	0.0	3.0	8.2	14.5	21.8	29.8	38.4	47.0	56.0	65.5	74.6
-27.5°	0.0	3.0	8.0	14.1	21.1	29.0	37.3	45.7	54.5	63.9	72.9
-30°	0.0	2.9	7.8	13.7	20.4	28.0	36.2	44.4	52.9	62.0	70.9
-32.5°	0.0	2.8	7.5	13.2	19.7	27.0	35.0	42.9	51.2	60.0	68.8
-35°	0.0	2.8	7.3	12.6	18.9	25.9	33.6	41.4	49.4	57.9	66.4
-37.5°	0.0	2.7	7.0	12.1	18.1	24.8	32.2	39.7	47.4	55.5	63.7
-40°	0.0	2.6	6.7	11.5	17.2	23.7	30.7	38.0	45.2	53.1	60.9
-42.5°	0.0	2.5	6.4	10.8	16.4	22.5	29.2	36.1	43.0	50.5	57.9
-45°	0.0	2.4	6.1	10.2	15.5	21.3	27.5	34.2	40.8	47.7	54.9
-47.5°	0.0	2.3	5.8	9.5	14.6	20.0	25.8	32.2	38.5	45.0	51.8
-50°	0.0	2.2	5.4	9.0	13.7	18.7	24.2	30.1	36.1	42.2	48.6
-52.5°	0.0	2.1	5.1	8.5	12.7	17.3	22.5	27.9	33.6	39.4	45.4
-55°	0.0	2.0	4.7	7.9	11.7	16.1	20.8	25.6	30.9	36.4	42.0
-57.5°	0.0	1.9	4.3	7.4	10.7	14.8	19.0	23.6	28.2	33.2	38.4
-60°	0.0	1.8	4.0	6.8	9.7	13.5	17.2	21.4	25.4	30.0	34.8
-62.5°	0.0	1.6	3.7	6.2	8.8	12.1	15.6	19.2	22.9	26.6	31.0
-65°	0.0	1.5	3.4	5.5	8.0	10.7	13.9	17.0	20.3	23.6	27.1
-67.5°	0.0	1.4	3.1	4.9	7.1	9.4	12.3	15.0	17.7	20.7	23.6
-70°	0.0	1.2	2.8	4.2	6.2	8.2	10.5	13.0	15.3	17.7	20.3
-72.5°	0.0	1.1	2.4	3.7	5.2	7.0	9.0	10.9	13.0	15.0	17.0
-75°	0.0	0.9	2.1	3.2	4.3	5.8	7.5	9.0	10.6	12.4	14.1
-77.5°	0.0	0.8	1.8	2.7	3.5	4.5	5.9	7.2	8.5	9.8	11.1
-80°	0.0	0.6	1.4	2.1	2.8	3.5	4.3	5.3	6.4	7.4	8.4
-82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	5.0	5.8
-85°	0.0	0.3	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
-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°	1.9	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
85°	3.8	4.1	4.6	5.0	5.4	5.7	6.0	6.3	6.7	7.1	7.6
82.5°	6.5	7.2	7.9	8.6	9.1	9.4	9.8	10.3	11.2	12.1	12.9
80°	9.4	10.4	11.4	12.5	13.3	14.2	15.2	16.1	17.1	18.1	19.0
77.5°	12.5	13.9	15.2	16.5	17.8	19.3	20.6	21.9	23.2	24.4	25.5
75°	15.8	17.4	19.2	21.0	22.8	24.5	26.2	28.0	29.7	31.3	32.9
72.5°	19.2	21.4	23.6	25.7	28.0	30.2	32.4	34.5	36.5	38.6	40.8
70°	22.9	25.4	28.2	30.9	33.5	36.2	38.8	41.1	43.3	46.2	49.2
67.5°	26.6	30.1	33.3	36.3	39.7	42.8	45.5	48.4	51.6	54.9	57.9
65°	31.1	34.8	38.5	42.4	46.3	49.5	53.0	56.6	60.1	63.4	66.6
62.5°	35.5	39.7	43.9	48.1	52.2	56.1	60.2	64.2	68.1	72.0	75.4
60°	39.7	44.5	49.0	53.4	57.9	62.8	67.3	71.8	76.4	80.8	83.1
57.5°	43.8	48.9	53.6	58.5	63.9	69.3	74.1	79.1	83.1	86.2	89.2
55°	47.7	52.9	58.1	63.6	69.4	75.1	80.4	84.9	88.6	91.4	94.5
52.5°	51.2	56.8	62.4	68.5	74.6	80.6	86.2	90.4	93.7	96.6	99.6
50°	54.8	60.6	66.6	73.1	79.7	86.2	91.6	95.5	98.6	101.6	104.6
47.5°	58.3	64.4	70.7	77.8	84.9	91.2	96.3	99.8	103.0	106.5	109.9
45°	61.7	68.3	75.0	82.5	89.8	95.8	100.2	103.7	107.6	111.4	114.9
42.5°	65.0	72.1	79.4	87.2	94.2	99.6	103.7	107.9	112.1	116.1	120.1
40°	68.3	75.8	83.5	91.3	98.4	103.0	107.4	111.9	116.5	120.8	125.3
37.5°	71.5	79.3	87.3	95.1	101.5	106.3	110.8	115.7	120.6	125.3	131.2
35°	74.6	82.5	90.5	98.1	104.3	109.2	114.2	119.4	124.5	130.6	137.3
32.5°	77.3	85.3	93.5	100.6	106.6	111.9	117.5	122.9	129.1	136.0	144.0
30°	79.6	87.8	96.0	102.9	108.8	114.4	120.5	126.5	133.7	142.0	151.5
27.5°	81.6	90.0	98.0	104.9	110.9	116.5	122.9	130.5	138.7	148.1	159.2
25°	83.5	92.3	99.9	106.8	112.6	118.4	125.3	133.7	143.6	154.8	168.5
22.5°	85.3	94.4	101.8	108.5	113.9	120.2	128.0	137.1	147.8	161.0	177.6
20°	87.0	96.1	103.3	109.9	114.9	121.7	130.3	140.0	152.3	168.0	187.2
17.5°	88.6	97.5	104.5	110.7	116.2	123.4	132.4	142.4	156.1	174.3	196.0
15°	90.0	98.6	105.5	111.4	117.3	125.1	134.5	145.4	160.4	180.3	203.8
12.5°	91.3	99.6	106.3	111.9	118.2	126.6	136.4	148.6	165.0	186.3	213.7
10°	92.3	100.3	106.8	112.2	118.9	127.7	138.0	151.1	168.6	190.8	221.3
7.5°	93.3	100.9	107.1	112.4	119.4	128.4	139.3	153.0	171.1	194.1	226.7
5°	93.9	101.3	107.6	113.1	120.1	129.0	140.2	154.3	172.7	196.0	230.2
2.5°	94.3	101.6	107.8	113.7	120.9	129.5	140.9	155.8	173.9	197.9	232.8
0°	94.4	101.7	107.9	114.1	121.4	129.7	141.1	156.7	174.3	199.2	234.5
-2.5°	94.3	101.6	107.8	113.7	120.9	129.5	140.9	155.8	173.9	197.9	232.8
-5°	93.9	101.3	107.6	113.1	120.1	129.0	140.2	154.3	172.7	196.0	230.2
-7.5°	93.3	100.9	107.1	112.4	119.4	128.4	139.3	153.0	171.1	194.1	226.7
-10°	92.3	100.3	106.8	112.2	118.9	127.7	138.0	151.1	168.6	190.8	221.3
-12.5°	91.3	99.6	106.3	111.9	118.2	126.6	136.4	148.6	165.0	186.3	213.7
-15°	90.0	98.6	105.5	111.4	117.3	125.1	134.5	145.4	160.4	180.3	203.8
-17.5°	88.6	97.5	104.5	110.7	116.2	123.4	132.4	142.4	156.1	174.3	196.0
-20°	87.0	96.1	103.3	109.9	114.9	121.7	130.3	140.0	152.3	168.0	187.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626659 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-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°	85.3	94.4	101.8	108.5	113.9	120.2	128.0	137.1	147.8	161.0	177.6
-25°	83.5	92.3	99.9	106.8	112.6	118.4	125.3	133.7	143.6	154.8	168.5
-27.5°	81.6	90.0	98.0	104.9	110.9	116.5	122.9	130.5	138.7	148.1	159.2
-30°	79.6	87.8	96.0	102.9	108.8	114.4	120.5	126.5	133.7	142.0	151.5
-32.5°	77.3	85.3	93.5	100.6	106.6	111.9	117.5	122.9	129.1	136.0	144.0
-35°	74.6	82.5	90.5	98.1	104.3	109.2	114.2	119.4	124.5	130.6	137.3
-37.5°	71.5	79.3	87.3	95.1	101.5	106.3	110.8	115.7	120.6	125.3	131.2
-40°	68.3	75.8	83.5	91.3	98.4	103.0	107.4	111.9	116.5	120.8	125.3
-42.5°	65.0	72.1	79.4	87.2	94.2	99.6	103.7	107.9	112.1	116.1	120.1
-45°	61.7	68.3	75.0	82.5	89.8	95.8	100.2	103.7	107.6	111.4	114.9
-47.5°	58.3	64.4	70.7	77.8	84.9	91.2	96.3	99.8	103.0	106.5	109.9
-50°	54.8	60.6	66.6	73.1	79.7	86.2	91.6	95.5	98.6	101.6	104.6
-52.5°	51.2	56.8	62.4	68.5	74.6	80.6	86.2	90.4	93.7	96.6	99.6
-55°	47.7	52.9	58.1	63.6	69.4	75.1	80.4	84.9	88.6	91.4	94.5
-57.5°	43.8	48.9	53.6	58.5	63.9	69.3	74.1	79.1	83.1	86.2	89.2
-60°	39.7	44.5	49.0	53.4	57.9	62.8	67.3	71.8	76.4	80.8	83.1
-62.5°	35.5	39.7	43.9	48.1	52.2	56.1	60.2	64.2	68.1	72.0	75.4
-65°	31.1	34.8	38.5	42.4	46.3	49.5	53.0	56.6	60.1	63.4	66.6
-67.5°	26.6	30.1	33.3	36.3	39.7	42.8	45.5	48.4	51.6	54.9	57.9
-70°	22.9	25.4	28.2	30.9	33.5	36.2	38.8	41.1	43.3	46.2	49.2
-72.5°	19.2	21.4	23.6	25.7	28.0	30.2	32.4	34.5	36.5	38.6	40.8
-75°	15.8	17.4	19.2	21.0	22.8	24.5	26.2	28.0	29.7	31.3	32.9
-77.5°	12.5	13.9	15.2	16.5	17.8	19.3	20.6	21.9	23.2	24.4	25.5
-80°	9.4	10.4	11.4	12.5	13.3	14.2	15.2	16.1	17.1	18.1	19.0
-82.5°	6.5	7.2	7.9	8.6	9.1	9.4	9.8	10.3	11.2	12.1	12.9
-85°	3.8	4.1	4.6	5.0	5.4	5.7	6.0	6.3	6.7	7.1	7.6
-87.5°	1.9	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	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: P626659 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-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°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	3.8	3.5
85°	8.1	8.4	8.7	9.0	9.2	9.4	9.6	9.8	10.0	9.8	9.7
82.5°	13.7	14.2	14.7	15.1	15.6	15.9	16.3	16.6	16.9	16.8	16.8
80°	19.9	20.7	21.6	22.5	23.4	23.9	24.3	24.6	24.8	24.9	24.9
77.5°	26.7	28.1	29.5	30.9	32.3	33.1	33.7	34.2	34.5	34.6	34.5
75°	34.3	36.1	38.0	39.7	41.2	42.1	42.8	43.3	43.7	43.8	43.8
72.5°	43.1	45.3	47.1	48.5	49.8	50.7	51.5	52.2	52.8	53.0	53.0
70°	51.8	54.0	55.6	57.1	58.3	59.3	60.3	61.1	61.8	62.3	62.6
67.5°	60.6	63.1	64.8	66.1	67.2	68.2	69.5	70.5	71.5	72.1	72.4
65°	69.6	72.1	73.8	75.2	76.5	77.8	79.3	80.3	81.0	81.4	81.7
62.5°	78.3	80.7	82.7	84.7	86.5	88.1	89.0	89.9	90.6	91.3	91.7
60°	85.8	88.8	91.2	93.0	94.8	96.6	97.8	98.7	99.4	100.0	100.3
57.5°	92.2	95.3	98.0	99.8	101.8	103.9	105.3	106.1	106.8	107.4	107.7
55°	97.8	100.6	103.1	105.6	107.8	109.7	111.2	112.3	113.1	113.9	114.1
52.5°	102.8	105.9	108.9	111.5	113.7	115.5	116.9	118.2	119.3	119.9	120.2
50°	108.1	111.5	114.7	117.5	119.7	121.7	123.5	125.1	126.6	127.8	128.6
47.5°	113.3	116.9	120.4	123.5	126.2	129.1	131.7	134.0	136.1	137.9	139.2
45°	118.5	122.7	126.5	130.6	134.2	138.0	141.5	144.6	147.8	150.2	151.8
42.5°	124.4	129.1	133.7	138.7	143.7	148.6	154.0	158.8	162.5	166.0	168.9
40°	130.6	136.0	142.0	148.2	155.4	162.0	169.3	175.5	181.1	187.1	191.8
37.5°	137.3	144.0	151.9	160.1	169.5	178.6	188.0	197.3	205.4	215.0	222.3
35°	144.7	153.6	163.3	174.5	186.2	199.1	212.0	227.0	239.8	254.0	266.3
32.5°	153.4	164.0	176.8	191.5	206.5	226.1	244.4	268.2	288.7	311.2	333.8
30°	162.3	176.3	192.7	211.2	235.1	262.1	292.1	327.5	364.0	399.3	441.9
27.5°	173.4	190.2	210.1	237.3	272.4	308.9	360.5	413.5	480.6	536.1	614.3
25°	185.0	204.7	233.0	269.9	315.8	379.0	457.3	542.2	660.2	763.9	885.5
22.5°	197.5	224.2	259.4	305.0	374.5	471.5	590.1	749.9	924.0	1108.8	1292.7
20°	210.6	242.9	289.1	355.1	450.5	581.9	785.5	1032.2	1280.9	1585.8	1855.8
17.5°	225.8	266.9	323.8	406.3	533.7	734.8	1017.3	1361.8	1747.5	2186.0	2575.2
15°	238.4	287.5	359.2	474.7	649.8	908.2	1264.4	1738.3	2318.0	2906.8	3504.2
12.5°	253.0	309.8	394.0	531.8	751.7	1095.0	1579.9	2179.8	2903.8	3720.5	4683.2
10°	266.0	331.7	436.4	607.0	875.7	1290.0	1878.5	2600.1	3534.4	4709.4	6200.4
7.5°	275.7	349.2	469.2	664.2	982.9	1477.4	2160.5	3060.4	4247.6	5799.2	7845.3
5°	282.0	361.8	492.4	708.3	1066.9	1616.9	2367.2	3386.8	4819.1	7013.6	10478.5
2.5°	285.7	369.3	505.6	734.2	1117.9	1709.3	2524.5	3633.6	5189.5	7764.1	12172.2
0°	287.4	371.4	513.5	748.0	1134.9	1745.0	2596.7	3746.2	5355.2	7939.4	12469.9
-2.5°	285.7	369.3	505.6	734.2	1117.9	1709.3	2524.5	3633.6	5189.5	7764.1	12172.2
-5°	282.0	361.8	492.4	708.3	1066.9	1616.9	2367.2	3386.8	4819.1	7013.6	10478.5
-7.5°	275.7	349.2	469.2	664.2	982.9	1477.4	2160.5	3060.4	4247.6	5799.2	7845.3
-10°	266.0	331.7	436.4	607.0	875.7	1290.0	1878.5	2600.1	3534.4	4709.4	6200.4
-12.5°	253.0	309.8	394.0	531.8	751.7	1095.0	1579.9	2179.8	2903.8	3720.5	4683.2
-15°	238.4	287.5	359.2	474.7	649.8	908.2	1264.4	1738.3	2318.0	2906.8	3504.2
-17.5°	225.8	266.9	323.8	406.3	533.7	734.8	1017.3	1361.8	1747.5	2186.0	2575.2
-20°	210.6	242.9	289.1	355.1	450.5	581.9	785.5	1032.2	1280.9	1585.8	1855.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626659 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	197.5	224.2	259.4	305.0	374.5	471.5	590.1	749.9	924.0	1108.8	1292.7
-25°	185.0	204.7	233.0	269.9	315.8	379.0	457.3	542.2	660.2	763.9	885.5
-27.5°	173.4	190.2	210.1	237.3	272.4	308.9	360.5	413.5	480.6	536.1	614.3
-30°	162.3	176.3	192.7	211.2	235.1	262.1	292.1	327.5	364.0	399.3	441.9
-32.5°	153.4	164.0	176.8	191.5	206.5	226.1	244.4	268.2	288.7	311.2	333.8
-35°	144.7	153.6	163.3	174.5	186.2	199.1	212.0	227.0	239.8	254.0	266.3
-37.5°	137.3	144.0	151.9	160.1	169.5	178.6	188.0	197.3	205.4	215.0	222.3
-40°	130.6	136.0	142.0	148.2	155.4	162.0	169.3	175.5	181.1	187.1	191.8
-42.5°	124.4	129.1	133.7	138.7	143.7	148.6	154.0	158.8	162.5	166.0	168.9
-45°	118.5	122.7	126.5	130.6	134.2	138.0	141.5	144.6	147.8	150.2	151.8
-47.5°	113.3	116.9	120.4	123.5	126.2	129.1	131.7	134.0	136.1	137.9	139.2
-50°	108.1	111.5	114.7	117.5	119.7	121.7	123.5	125.1	126.6	127.8	128.6
-52.5°	102.8	105.9	108.9	111.5	113.7	115.5	116.9	118.2	119.3	119.9	120.2
-55°	97.8	100.6	103.1	105.6	107.8	109.7	111.2	112.3	113.1	113.9	114.1
-57.5°	92.2	95.3	98.0	99.8	101.8	103.9	105.3	106.1	106.8	107.4	107.7
-60°	85.8	88.8	91.2	93.0	94.8	96.6	97.8	98.7	99.4	100.0	100.3
-62.5°	78.3	80.7	82.7	84.7	86.5	88.1	89.0	89.9	90.6	91.3	91.7
-65°	69.6	72.1	73.8	75.2	76.5	77.8	79.3	80.3	81.0	81.4	81.7
-67.5°	60.6	63.1	64.8	66.1	67.2	68.2	69.5	70.5	71.5	72.1	72.4
-70°	51.8	54.0	55.6	57.1	58.3	59.3	60.3	61.1	61.8	62.3	62.6
-72.5°	43.1	45.3	47.1	48.5	49.8	50.7	51.5	52.2	52.8	53.0	53.0
-75°	34.3	36.1	38.0	39.7	41.2	42.1	42.8	43.3	43.7	43.8	43.8
-77.5°	26.7	28.1	29.5	30.9	32.3	33.1	33.7	34.2	34.5	34.6	34.5
-80°	19.9	20.7	21.6	22.5	23.4	23.9	24.3	24.6	24.8	24.9	24.9
-82.5°	13.7	14.2	14.7	15.1	15.6	15.9	16.3	16.6	16.9	16.8	16.8
-85°	8.1	8.4	8.7	9.0	9.2	9.4	9.6	9.8	10.0	9.8	9.7
-87.5°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	3.8	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: P626659 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-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°	3.3	3.1	3.1	3.1	3.1	3.1	3.3	3.5	3.8	4.0	3.9
85°	9.5	9.3	9.3	9.3	9.3	9.3	9.5	9.7	9.8	10.0	9.8
82.5°	16.7	16.5	16.6	16.6	16.6	16.5	16.7	16.8	16.8	16.9	16.6
80°	24.9	24.8	24.4	23.9	24.4	24.8	24.9	24.9	24.9	24.8	24.6
77.5°	34.3	34.0	33.7	33.2	33.7	34.0	34.3	34.5	34.6	34.5	34.2
75°	43.7	43.4	43.5	43.6	43.5	43.4	43.7	43.8	43.8	43.7	43.3
72.5°	52.9	52.7	52.8	52.9	52.8	52.7	52.9	53.0	53.0	52.8	52.2
70°	62.9	63.0	62.7	62.2	62.7	63.0	62.9	62.6	62.3	61.8	61.1
67.5°	72.5	72.3	72.1	71.6	72.1	72.3	72.5	72.4	72.1	71.5	70.5
65°	81.8	81.7	81.9	82.0	81.9	81.7	81.8	81.7	81.4	81.0	80.3
62.5°	92.0	92.0	91.8	91.3	91.8	92.0	92.0	91.7	91.3	90.6	89.9
60°	100.4	100.3	100.1	99.6	100.1	100.3	100.4	100.3	100.0	99.4	98.7
57.5°	107.8	107.7	107.4	106.9	107.4	107.7	107.8	107.7	107.4	106.8	106.1
55°	114.1	114.0	113.6	113.1	113.6	114.0	114.1	114.1	113.9	113.1	112.3
52.5°	120.3	120.2	120.2	120.3	120.2	120.2	120.3	120.2	119.9	119.3	118.2
50°	129.2	129.3	129.2	128.6	129.2	129.3	129.2	128.6	127.8	126.6	125.1
47.5°	139.7	139.8	139.5	139.0	139.5	139.8	139.7	139.2	137.9	136.1	134.0
45°	153.0	153.8	154.0	153.5	154.0	153.8	153.0	151.8	150.2	147.8	144.6
42.5°	171.1	172.2	172.6	172.2	172.6	172.2	171.1	168.9	166.0	162.5	158.8
40°	194.7	196.0	196.3	196.1	196.3	196.0	194.7	191.8	187.1	181.1	175.5
37.5°	227.4	230.7	232.2	232.4	232.2	230.7	227.4	222.3	215.0	205.4	197.3
35°	275.7	282.2	285.7	287.4	285.7	282.2	275.7	266.3	254.0	239.8	227.0
32.5°	351.0	364.0	371.2	370.4	371.2	364.0	351.0	333.8	311.2	288.7	268.2
30°	474.0	496.8	508.2	505.2	508.2	496.8	474.0	441.9	399.3	364.0	327.5
27.5°	670.5	711.7	735.6	732.4	735.6	711.7	670.5	614.3	536.1	480.6	413.5
25°	987.2	1062.4	1110.6	1098.6	1110.6	1062.4	987.2	885.5	763.9	660.2	542.2
22.5°	1468.9	1596.3	1680.7	1670.3	1680.7	1596.3	1468.9	1292.7	1108.8	924.0	749.9
20°	2129.6	2323.6	2462.1	2480.5	2462.1	2323.6	2129.6	1855.8	1585.8	1280.9	1032.2
17.5°	2995.7	3303.3	3517.5	3553.2	3517.5	3303.3	2995.7	2575.2	2186.0	1747.5	1361.8
15°	4121.3	4624.1	4988.0	5018.0	4988.0	4624.1	4121.3	3504.2	2906.8	2318.0	1738.3
12.5°	5649.7	6661.0	7321.1	7611.6	7321.1	6661.0	5649.7	4683.2	3720.5	2903.8	2179.8
10°	7764.9	10087.9	11575.6	12134.8	11575.6	10087.9	7764.9	6200.4	4709.4	3534.4	2600.1
7.5°	11298.0	14945.1	18999.7	20727.9	18999.7	14945.1	11298.0	7845.3	5799.2	4247.6	3060.4
5°	15299.1	22868.2	30067.8	32879.3	30067.8	22868.2	15299.1	10478.5	7013.6	4819.1	3386.8
2.5°	19509.1	30059.4	39945.8	43812.2	39945.8	30059.4	19509.1	12172.2	7764.1	5189.5	3633.6
0°	21153.2	33208.1	44085.6	48421.0	44085.6	33208.1	21153.2	12469.9	7939.4	5355.2	3746.2
-2.5°	19509.1	30059.4	39945.8	43812.2	39945.8	30059.4	19509.1	12172.2	7764.1	5189.5	3633.6
-5°	15299.1	22868.2	30067.8	32879.3	30067.8	22868.2	15299.1	10478.5	7013.6	4819.1	3386.8
-7.5°	11298.0	14945.1	18999.7	20727.9	18999.7	14945.1	11298.0	7845.3	5799.2	4247.6	3060.4
-10°	7764.9	10087.9	11575.6	12134.8	11575.6	10087.9	7764.9	6200.4	4709.4	3534.4	2600.1
-12.5°	5649.7	6661.0	7321.1	7611.6	7321.1	6661.0	5649.7	4683.2	3720.5	2903.8	2179.8
-15°	4121.3	4624.1	4988.0	5018.0	4988.0	4624.1	4121.3	3504.2	2906.8	2318.0	1738.3
-17.5°	2995.7	3303.3	3517.5	3553.2	3517.5	3303.3	2995.7	2575.2	2186.0	1747.5	1361.8
-20°	2129.6	2323.6	2462.1	2480.5	2462.1	2323.6	2129.6	1855.8	1585.8	1280.9	1032.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626659 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-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°	1468.9	1596.3	1680.7	1670.3	1680.7	1596.3	1468.9	1292.7	1108.8	924.0	749.9
-25°	987.2	1062.4	1110.6	1098.6	1110.6	1062.4	987.2	885.5	763.9	660.2	542.2
-27.5°	670.5	711.7	735.6	732.4	735.6	711.7	670.5	614.3	536.1	480.6	413.5
-30°	474.0	496.8	508.2	505.2	508.2	496.8	474.0	441.9	399.3	364.0	327.5
-32.5°	351.0	364.0	371.2	370.4	371.2	364.0	351.0	333.8	311.2	288.7	268.2
-35°	275.7	282.2	285.7	287.4	285.7	282.2	275.7	266.3	254.0	239.8	227.0
-37.5°	227.4	230.7	232.2	232.4	232.2	230.7	227.4	222.3	215.0	205.4	197.3
-40°	194.7	196.0	196.3	196.1	196.3	196.0	194.7	191.8	187.1	181.1	175.5
-42.5°	171.1	172.2	172.6	172.2	172.6	172.2	171.1	168.9	166.0	162.5	158.8
-45°	153.0	153.8	154.0	153.5	154.0	153.8	153.0	151.8	150.2	147.8	144.6
-47.5°	139.7	139.8	139.5	139.0	139.5	139.8	139.7	139.2	137.9	136.1	134.0
-50°	129.2	129.3	129.2	128.6	129.2	129.3	129.2	128.6	127.8	126.6	125.1
-52.5°	120.3	120.2	120.2	120.3	120.2	120.2	120.3	120.2	119.9	119.3	118.2
-55°	114.1	114.0	113.6	113.1	113.6	114.0	114.1	114.1	113.9	113.1	112.3
-57.5°	107.8	107.7	107.4	106.9	107.4	107.7	107.8	107.7	107.4	106.8	106.1
-60°	100.4	100.3	100.1	99.6	100.1	100.3	100.4	100.3	100.0	99.4	98.7
-62.5°	92.0	92.0	91.8	91.3	91.8	92.0	92.0	91.7	91.3	90.6	89.9
-65°	81.8	81.7	81.9	82.0	81.9	81.7	81.8	81.7	81.4	81.0	80.3
-67.5°	72.5	72.3	72.1	71.6	72.1	72.3	72.5	72.4	72.1	71.5	70.5
-70°	62.9	63.0	62.7	62.2	62.7	63.0	62.9	62.6	62.3	61.8	61.1
-72.5°	52.9	52.7	52.8	52.9	52.8	52.7	52.9	53.0	53.0	52.8	52.2
-75°	43.7	43.4	43.5	43.6	43.5	43.4	43.7	43.8	43.8	43.7	43.3
-77.5°	34.3	34.0	33.7	33.2	33.7	34.0	34.3	34.5	34.6	34.5	34.2
-80°	24.9	24.8	24.4	23.9	24.4	24.8	24.9	24.9	24.9	24.8	24.6
-82.5°	16.7	16.5	16.6	16.6	16.6	16.5	16.7	16.8	16.8	16.9	16.6
-85°	9.5	9.3	9.3	9.3	9.3	9.3	9.5	9.7	9.8	10.0	9.8
-87.5°	3.3	3.1	3.1	3.1	3.1	3.1	3.3	3.5	3.8	4.0	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: P626659 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-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°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
85°	9.6	9.4	9.2	9.0	8.7	8.4	8.1	7.6	7.1	6.7	6.3
82.5°	16.3	15.9	15.6	15.1	14.7	14.2	13.7	12.9	12.1	11.2	10.3
80°	24.3	23.9	23.4	22.5	21.6	20.7	19.9	19.0	18.1	17.1	16.1
77.5°	33.7	33.1	32.3	30.9	29.5	28.1	26.7	25.5	24.4	23.2	21.9
75°	42.8	42.1	41.2	39.7	38.0	36.1	34.3	32.9	31.3	29.7	28.0
72.5°	51.5	50.7	49.8	48.5	47.1	45.3	43.1	40.8	38.6	36.5	34.5
70°	60.3	59.3	58.3	57.1	55.6	54.0	51.8	49.2	46.2	43.3	41.1
67.5°	69.5	68.2	67.2	66.1	64.8	63.1	60.6	57.9	54.9	51.6	48.4
65°	79.3	77.8	76.5	75.2	73.8	72.1	69.6	66.6	63.4	60.1	56.6
62.5°	89.0	88.1	86.5	84.7	82.7	80.7	78.3	75.4	72.0	68.1	64.2
60°	97.8	96.6	94.8	93.0	91.2	88.8	85.8	83.1	80.8	76.4	71.8
57.5°	105.3	103.9	101.8	99.8	98.0	95.3	92.2	89.2	86.2	83.1	79.1
55°	111.2	109.7	107.8	105.6	103.1	100.6	97.8	94.5	91.4	88.6	84.9
52.5°	116.9	115.5	113.7	111.5	108.9	105.9	102.8	99.6	96.6	93.7	90.4
50°	123.5	121.7	119.7	117.5	114.7	111.5	108.1	104.6	101.6	98.6	95.5
47.5°	131.7	129.1	126.2	123.5	120.4	116.9	113.3	109.9	106.5	103.0	99.8
45°	141.5	138.0	134.2	130.6	126.5	122.7	118.5	114.9	111.4	107.6	103.7
42.5°	154.0	148.6	143.7	138.7	133.7	129.1	124.4	120.1	116.1	112.1	107.9
40°	169.3	162.0	155.4	148.2	142.0	136.0	130.6	125.3	120.8	116.5	111.9
37.5°	188.0	178.6	169.5	160.1	151.9	144.0	137.3	131.2	125.3	120.6	115.7
35°	212.0	199.1	186.2	174.5	163.3	153.6	144.7	137.3	130.6	124.5	119.4
32.5°	244.4	226.1	206.5	191.5	176.8	164.0	153.4	144.0	136.0	129.1	122.9
30°	292.1	262.1	235.1	211.2	192.7	176.3	162.3	151.5	142.0	133.7	126.5
27.5°	360.5	308.9	272.4	237.3	210.1	190.2	173.4	159.2	148.1	138.7	130.5
25°	457.3	379.0	315.8	269.9	233.0	204.7	185.0	168.5	154.8	143.6	133.7
22.5°	590.1	471.5	374.5	305.0	259.4	224.2	197.5	177.6	161.0	147.8	137.1
20°	785.5	581.9	450.5	355.1	289.1	242.9	210.6	187.2	168.0	152.3	140.0
17.5°	1017.3	734.8	533.7	406.3	323.8	266.9	225.8	196.0	174.3	156.1	142.4
15°	1264.4	908.2	649.8	474.7	359.2	287.5	238.4	203.8	180.3	160.4	145.4
12.5°	1579.9	1095.0	751.7	531.8	394.0	309.8	253.0	213.7	186.3	165.0	148.6
10°	1878.5	1290.0	875.7	607.0	436.4	331.7	266.0	221.3	190.8	168.6	151.1
7.5°	2160.5	1477.4	982.9	664.2	469.2	349.2	275.7	226.7	194.1	171.1	153.0
5°	2367.2	1616.9	1066.9	708.3	492.4	361.8	282.0	230.2	196.0	172.7	154.3
2.5°	2524.5	1709.3	1117.9	734.2	505.6	369.3	285.7	232.8	197.9	173.9	155.8
0°	2596.7	1745.0	1134.9	748.0	513.5	371.4	287.4	234.5	199.2	174.3	156.7
-2.5°	2524.5	1709.3	1117.9	734.2	505.6	369.3	285.7	232.8	197.9	173.9	155.8
-5°	2367.2	1616.9	1066.9	708.3	492.4	361.8	282.0	230.2	196.0	172.7	154.3
-7.5°	2160.5	1477.4	982.9	664.2	469.2	349.2	275.7	226.7	194.1	171.1	153.0
-10°	1878.5	1290.0	875.7	607.0	436.4	331.7	266.0	221.3	190.8	168.6	151.1
-12.5°	1579.9	1095.0	751.7	531.8	394.0	309.8	253.0	213.7	186.3	165.0	148.6
-15°	1264.4	908.2	649.8	474.7	359.2	287.5	238.4	203.8	180.3	160.4	145.4
-17.5°	1017.3	734.8	533.7	406.3	323.8	266.9	225.8	196.0	174.3	156.1	142.4
-20°	785.5	581.9	450.5	355.1	289.1	242.9	210.6	187.2	168.0	152.3	140.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626659 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	590.1	471.5	374.5	305.0	259.4	224.2	197.5	177.6	161.0	147.8	137.1
-25°	457.3	379.0	315.8	269.9	233.0	204.7	185.0	168.5	154.8	143.6	133.7
-27.5°	360.5	308.9	272.4	237.3	210.1	190.2	173.4	159.2	148.1	138.7	130.5
-30°	292.1	262.1	235.1	211.2	192.7	176.3	162.3	151.5	142.0	133.7	126.5
-32.5°	244.4	226.1	206.5	191.5	176.8	164.0	153.4	144.0	136.0	129.1	122.9
-35°	212.0	199.1	186.2	174.5	163.3	153.6	144.7	137.3	130.6	124.5	119.4
-37.5°	188.0	178.6	169.5	160.1	151.9	144.0	137.3	131.2	125.3	120.6	115.7
-40°	169.3	162.0	155.4	148.2	142.0	136.0	130.6	125.3	120.8	116.5	111.9
-42.5°	154.0	148.6	143.7	138.7	133.7	129.1	124.4	120.1	116.1	112.1	107.9
-45°	141.5	138.0	134.2	130.6	126.5	122.7	118.5	114.9	111.4	107.6	103.7
-47.5°	131.7	129.1	126.2	123.5	120.4	116.9	113.3	109.9	106.5	103.0	99.8
-50°	123.5	121.7	119.7	117.5	114.7	111.5	108.1	104.6	101.6	98.6	95.5
-52.5°	116.9	115.5	113.7	111.5	108.9	105.9	102.8	99.6	96.6	93.7	90.4
-55°	111.2	109.7	107.8	105.6	103.1	100.6	97.8	94.5	91.4	88.6	84.9
-57.5°	105.3	103.9	101.8	99.8	98.0	95.3	92.2	89.2	86.2	83.1	79.1
-60°	97.8	96.6	94.8	93.0	91.2	88.8	85.8	83.1	80.8	76.4	71.8
-62.5°	89.0	88.1	86.5	84.7	82.7	80.7	78.3	75.4	72.0	68.1	64.2
-65°	79.3	77.8	76.5	75.2	73.8	72.1	69.6	66.6	63.4	60.1	56.6
-67.5°	69.5	68.2	67.2	66.1	64.8	63.1	60.6	57.9	54.9	51.6	48.4
-70°	60.3	59.3	58.3	57.1	55.6	54.0	51.8	49.2	46.2	43.3	41.1
-72.5°	51.5	50.7	49.8	48.5	47.1	45.3	43.1	40.8	38.6	36.5	34.5
-75°	42.8	42.1	41.2	39.7	38.0	36.1	34.3	32.9	31.3	29.7	28.0
-77.5°	33.7	33.1	32.3	30.9	29.5	28.1	26.7	25.5	24.4	23.2	21.9
-80°	24.3	23.9	23.4	22.5	21.6	20.7	19.9	19.0	18.1	17.1	16.1
-82.5°	16.3	15.9	15.6	15.1	14.7	14.2	13.7	12.9	12.1	11.2	10.3
-85°	9.6	9.4	9.2	9.0	8.7	8.4	8.1	7.6	7.1	6.7	6.3
-87.5°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	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: P626659 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-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°	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
85°	6.0	5.7	5.4	5.0	4.6	4.1	3.8	3.5	3.1	2.8	2.5
82.5°	9.8	9.4	9.1	8.6	7.9	7.2	6.5	5.8	5.0	4.2	3.7
80°	15.2	14.2	13.3	12.5	11.4	10.4	9.4	8.4	7.4	6.4	5.3
77.5°	20.6	19.3	17.8	16.5	15.2	13.9	12.5	11.1	9.8	8.5	7.2
75°	26.2	24.5	22.8	21.0	19.2	17.4	15.8	14.1	12.4	10.6	9.0
72.5°	32.4	30.2	28.0	25.7	23.6	21.4	19.2	17.0	15.0	13.0	10.9
70°	38.8	36.2	33.5	30.9	28.2	25.4	22.9	20.3	17.7	15.3	13.0
67.5°	45.5	42.8	39.7	36.3	33.3	30.1	26.6	23.6	20.7	17.7	15.0
65°	53.0	49.5	46.3	42.4	38.5	34.8	31.1	27.1	23.6	20.3	17.0
62.5°	60.2	56.1	52.2	48.1	43.9	39.7	35.5	31.0	26.6	22.9	19.2
60°	67.3	62.8	57.9	53.4	49.0	44.5	39.7	34.8	30.0	25.4	21.4
57.5°	74.1	69.3	63.9	58.5	53.6	48.9	43.8	38.4	33.2	28.2	23.6
55°	80.4	75.1	69.4	63.6	58.1	52.9	47.7	42.0	36.4	30.9	25.6
52.5°	86.2	80.6	74.6	68.5	62.4	56.8	51.2	45.4	39.4	33.6	27.9
50°	91.6	86.2	79.7	73.1	66.6	60.6	54.8	48.6	42.2	36.1	30.1
47.5°	96.3	91.2	84.9	77.8	70.7	64.4	58.3	51.8	45.0	38.5	32.2
45°	100.2	95.8	89.8	82.5	75.0	68.3	61.7	54.9	47.7	40.8	34.2
42.5°	103.7	99.6	94.2	87.2	79.4	72.1	65.0	57.9	50.5	43.0	36.1
40°	107.4	103.0	98.4	91.3	83.5	75.8	68.3	60.9	53.1	45.2	38.0
37.5°	110.8	106.3	101.5	95.1	87.3	79.3	71.5	63.7	55.5	47.4	39.7
35°	114.2	109.2	104.3	98.1	90.5	82.5	74.6	66.4	57.9	49.4	41.4
32.5°	117.5	111.9	106.6	100.6	93.5	85.3	77.3	68.8	60.0	51.2	42.9
30°	120.5	114.4	108.8	102.9	96.0	87.8	79.6	70.9	62.0	52.9	44.4
27.5°	122.9	116.5	110.9	104.9	98.0	90.0	81.6	72.9	63.9	54.5	45.7
25°	125.3	118.4	112.6	106.8	99.9	92.3	83.5	74.6	65.5	56.0	47.0
22.5°	128.0	120.2	113.9	108.5	101.8	94.4	85.3	76.1	66.9	57.3	48.1
20°	130.3	121.7	114.9	109.9	103.3	96.1	87.0	77.5	68.1	58.5	49.0
17.5°	132.4	123.4	116.2	110.7	104.5	97.5	88.6	78.7	69.1	59.6	49.9
15°	134.5	125.1	117.3	111.4	105.5	98.6	90.0	79.7	69.9	60.4	50.6
12.5°	136.4	126.6	118.2	111.9	106.3	99.6	91.3	80.6	70.5	61.2	51.3
10°	138.0	127.7	118.9	112.2	106.8	100.3	92.3	81.4	71.2	61.7	51.8
7.5°	139.3	128.4	119.4	112.4	107.1	100.9	93.3	82.3	71.8	62.1	52.3
5°	140.2	129.0	120.1	113.1	107.6	101.3	93.9	83.1	72.2	62.3	52.6
2.5°	140.9	129.5	120.9	113.7	107.8	101.6	94.3	83.7	72.5	62.3	52.8
0°	141.1	129.7	121.4	114.1	107.9	101.7	94.4	84.0	72.6	62.2	52.9
-2.5°	140.9	129.5	120.9	113.7	107.8	101.6	94.3	83.7	72.5	62.3	52.8
-5°	140.2	129.0	120.1	113.1	107.6	101.3	93.9	83.1	72.2	62.3	52.6
-7.5°	139.3	128.4	119.4	112.4	107.1	100.9	93.3	82.3	71.8	62.1	52.3
-10°	138.0	127.7	118.9	112.2	106.8	100.3	92.3	81.4	71.2	61.7	51.8
-12.5°	136.4	126.6	118.2	111.9	106.3	99.6	91.3	80.6	70.5	61.2	51.3
-15°	134.5	125.1	117.3	111.4	105.5	98.6	90.0	79.7	69.9	60.4	50.6
-17.5°	132.4	123.4	116.2	110.7	104.5	97.5	88.6	78.7	69.1	59.6	49.9
-20°	130.3	121.7	114.9	109.9	103.3	96.1	87.0	77.5	68.1	58.5	49.0

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Scaled Data Report



REPORT NUMBER: P626659 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-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°	128.0	120.2	113.9	108.5	101.8	94.4	85.3	76.1	66.9	57.3	48.1
-25°	125.3	118.4	112.6	106.8	99.9	92.3	83.5	74.6	65.5	56.0	47.0
-27.5°	122.9	116.5	110.9	104.9	98.0	90.0	81.6	72.9	63.9	54.5	45.7
-30°	120.5	114.4	108.8	102.9	96.0	87.8	79.6	70.9	62.0	52.9	44.4
-32.5°	117.5	111.9	106.6	100.6	93.5	85.3	77.3	68.8	60.0	51.2	42.9
-35°	114.2	109.2	104.3	98.1	90.5	82.5	74.6	66.4	57.9	49.4	41.4
-37.5°	110.8	106.3	101.5	95.1	87.3	79.3	71.5	63.7	55.5	47.4	39.7
-40°	107.4	103.0	98.4	91.3	83.5	75.8	68.3	60.9	53.1	45.2	38.0
-42.5°	103.7	99.6	94.2	87.2	79.4	72.1	65.0	57.9	50.5	43.0	36.1
-45°	100.2	95.8	89.8	82.5	75.0	68.3	61.7	54.9	47.7	40.8	34.2
-47.5°	96.3	91.2	84.9	77.8	70.7	64.4	58.3	51.8	45.0	38.5	32.2
-50°	91.6	86.2	79.7	73.1	66.6	60.6	54.8	48.6	42.2	36.1	30.1
-52.5°	86.2	80.6	74.6	68.5	62.4	56.8	51.2	45.4	39.4	33.6	27.9
-55°	80.4	75.1	69.4	63.6	58.1	52.9	47.7	42.0	36.4	30.9	25.6
-57.5°	74.1	69.3	63.9	58.5	53.6	48.9	43.8	38.4	33.2	28.2	23.6
-60°	67.3	62.8	57.9	53.4	49.0	44.5	39.7	34.8	30.0	25.4	21.4
-62.5°	60.2	56.1	52.2	48.1	43.9	39.7	35.5	31.0	26.6	22.9	19.2
-65°	53.0	49.5	46.3	42.4	38.5	34.8	31.1	27.1	23.6	20.3	17.0
-67.5°	45.5	42.8	39.7	36.3	33.3	30.1	26.6	23.6	20.7	17.7	15.0
-70°	38.8	36.2	33.5	30.9	28.2	25.4	22.9	20.3	17.7	15.3	13.0
-72.5°	32.4	30.2	28.0	25.7	23.6	21.4	19.2	17.0	15.0	13.0	10.9
-75°	26.2	24.5	22.8	21.0	19.2	17.4	15.8	14.1	12.4	10.6	9.0
-77.5°	20.6	19.3	17.8	16.5	15.2	13.9	12.5	11.1	9.8	8.5	7.2
-80°	15.2	14.2	13.3	12.5	11.4	10.4	9.4	8.4	7.4	6.4	5.3
-82.5°	9.8	9.4	9.1	8.6	7.9	7.2	6.5	5.8	5.0	4.2	3.7
-85°	6.0	5.7	5.4	5.0	4.6	4.1	3.8	3.5	3.1	2.8	2.5
-87.5°	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
-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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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1C-727-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°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.1	1.8	1.4	1.1	0.7	0.3	0.0
82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
80°	4.3	3.5	2.8	2.1	1.4	0.6	0.0
77.5°	5.9	4.5	3.5	2.7	1.8	0.8	0.0
75°	7.5	5.8	4.3	3.2	2.1	0.9	0.0
72.5°	9.0	7.0	5.2	3.7	2.4	1.1	0.0
70°	10.5	8.2	6.2	4.2	2.8	1.2	0.0
67.5°	12.3	9.4	7.1	4.9	3.1	1.4	0.0
65°	13.9	10.7	8.0	5.5	3.4	1.5	0.0
62.5°	15.6	12.1	8.8	6.2	3.7	1.6	0.0
60°	17.2	13.5	9.7	6.8	4.0	1.8	0.0
57.5°	19.0	14.8	10.7	7.4	4.3	1.9	0.0
55°	20.8	16.1	11.7	7.9	4.7	2.0	0.0
52.5°	22.5	17.3	12.7	8.5	5.1	2.1	0.0
50°	24.2	18.7	13.7	9.0	5.4	2.2	0.0
47.5°	25.8	20.0	14.6	9.5	5.8	2.3	0.0
45°	27.5	21.3	15.5	10.2	6.1	2.4	0.0
42.5°	29.2	22.5	16.4	10.8	6.4	2.5	0.0
40°	30.7	23.7	17.2	11.5	6.7	2.6	0.0
37.5°	32.2	24.8	18.1	12.1	7.0	2.7	0.0
35°	33.6	25.9	18.9	12.6	7.3	2.8	0.0
32.5°	35.0	27.0	19.7	13.2	7.5	2.8	0.0
30°	36.2	28.0	20.4	13.7	7.8	2.9	0.0
27.5°	37.3	29.0	21.1	14.1	8.0	3.0	0.0
25°	38.4	29.8	21.8	14.5	8.2	3.0	0.0
22.5°	39.3	30.6	22.3	14.9	8.4	3.0	0.0
20°	40.2	31.3	22.9	15.3	8.6	3.1	0.0
17.5°	40.8	31.8	23.3	15.6	8.8	3.1	0.0
15°	41.4	32.3	23.8	15.8	8.9	3.1	0.0
12.5°	41.9	32.7	24.1	16.1	9.0	3.1	0.0
10°	42.2	33.0	24.4	16.3	9.1	3.1	0.0
7.5°	42.5	33.2	24.6	16.4	9.2	3.1	0.0
5°	42.6	33.3	24.8	16.5	9.3	3.1	0.0
2.5°	42.6	33.3	24.9	16.6	9.3	3.1	0.0
0°	42.5	33.2	24.9	16.6	9.3	3.1	0.0
-2.5°	42.6	33.3	24.9	16.6	9.3	3.1	0.0
-5°	42.6	33.3	24.8	16.5	9.3	3.1	0.0
-7.5°	42.5	33.2	24.6	16.4	9.2	3.1	0.0
-10°	42.2	33.0	24.4	16.3	9.1	3.1	0.0
-12.5°	41.9	32.7	24.1	16.1	9.0	3.1	0.0
-15°	41.4	32.3	23.8	15.8	8.9	3.1	0.0
-17.5°	40.8	31.8	23.3	15.6	8.8	3.1	0.0
-20°	40.2	31.3	22.9	15.3	8.6	3.1	0.0

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Scaled Data Report



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	39.3	30.6	22.3	14.9	8.4	3.0	0.0
-25°	38.4	29.8	21.8	14.5	8.2	3.0	0.0
-27.5°	37.3	29.0	21.1	14.1	8.0	3.0	0.0
-30°	36.2	28.0	20.4	13.7	7.8	2.9	0.0
-32.5°	35.0	27.0	19.7	13.2	7.5	2.8	0.0
-35°	33.6	25.9	18.9	12.6	7.3	2.8	0.0
-37.5°	32.2	24.8	18.1	12.1	7.0	2.7	0.0
-40°	30.7	23.7	17.2	11.5	6.7	2.6	0.0
-42.5°	29.2	22.5	16.4	10.8	6.4	2.5	0.0
-45°	27.5	21.3	15.5	10.2	6.1	2.4	0.0
-47.5°	25.8	20.0	14.6	9.5	5.8	2.3	0.0
-50°	24.2	18.7	13.7	9.0	5.4	2.2	0.0
-52.5°	22.5	17.3	12.7	8.5	5.1	2.1	0.0
-55°	20.8	16.1	11.7	7.9	4.7	2.0	0.0
-57.5°	19.0	14.8	10.7	7.4	4.3	1.9	0.0
-60°	17.2	13.5	9.7	6.8	4.0	1.8	0.0
-62.5°	15.6	12.1	8.8	6.2	3.7	1.6	0.0
-65°	13.9	10.7	8.0	5.5	3.4	1.5	0.0
-67.5°	12.3	9.4	7.1	4.9	3.1	1.4	0.0
-70°	10.5	8.2	6.2	4.2	2.8	1.2	0.0
-72.5°	9.0	7.0	5.2	3.7	2.4	1.1	0.0
-75°	7.5	5.8	4.3	3.2	2.1	0.9	0.0
-77.5°	5.9	4.5	3.5	2.7	1.8	0.8	0.0
-80°	4.3	3.5	2.8	2.1	1.4	0.6	0.0
-82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-85°	2.1	1.8	1.4	1.1	0.7	0.3	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)