

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: P626709 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-722-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626709 (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-722-U-NR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N6  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

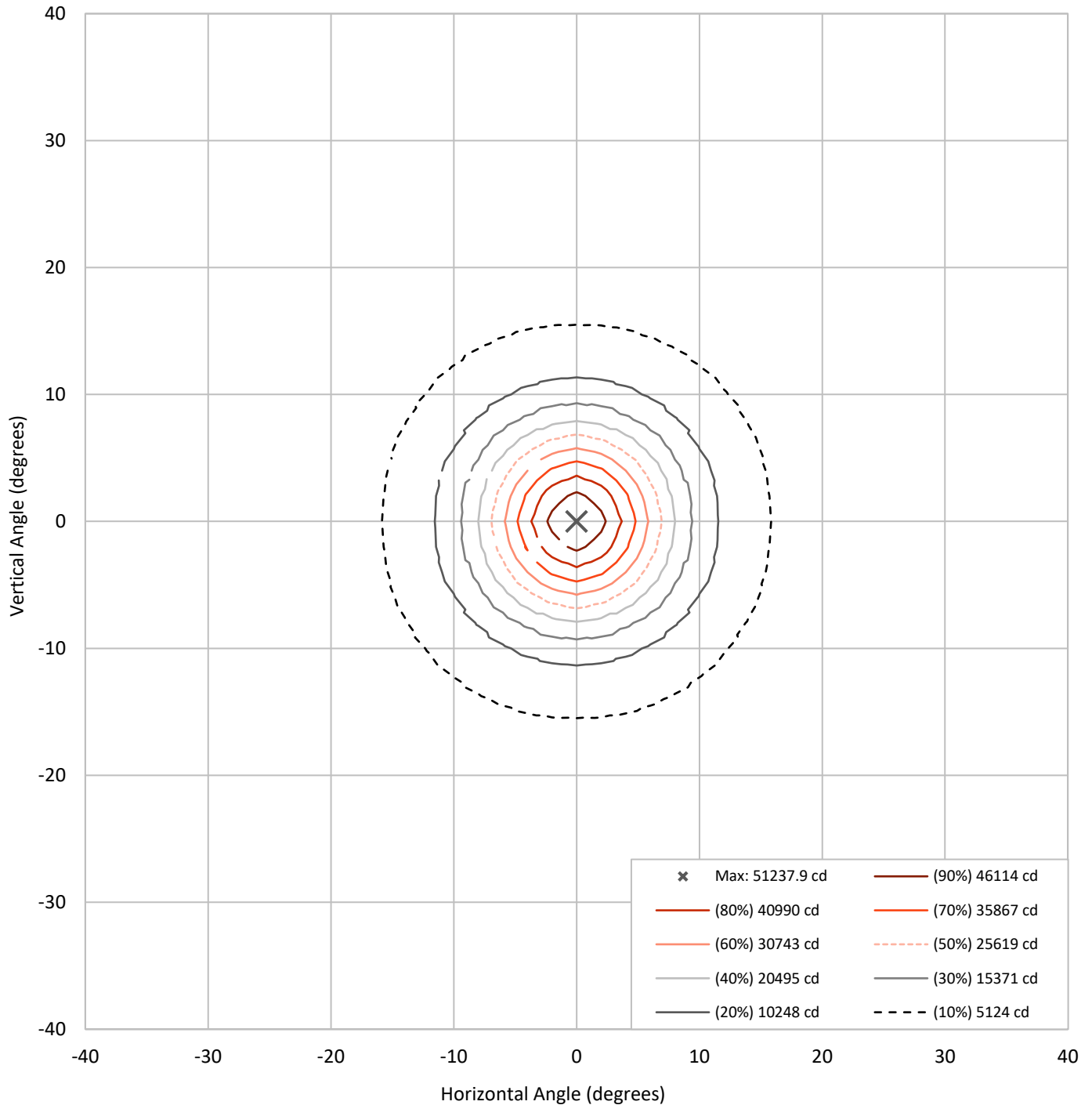
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	5440.7 lumens	Max Intensity:	51237.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.0 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:	1608.6 lumens	Field Lumens:	3620 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





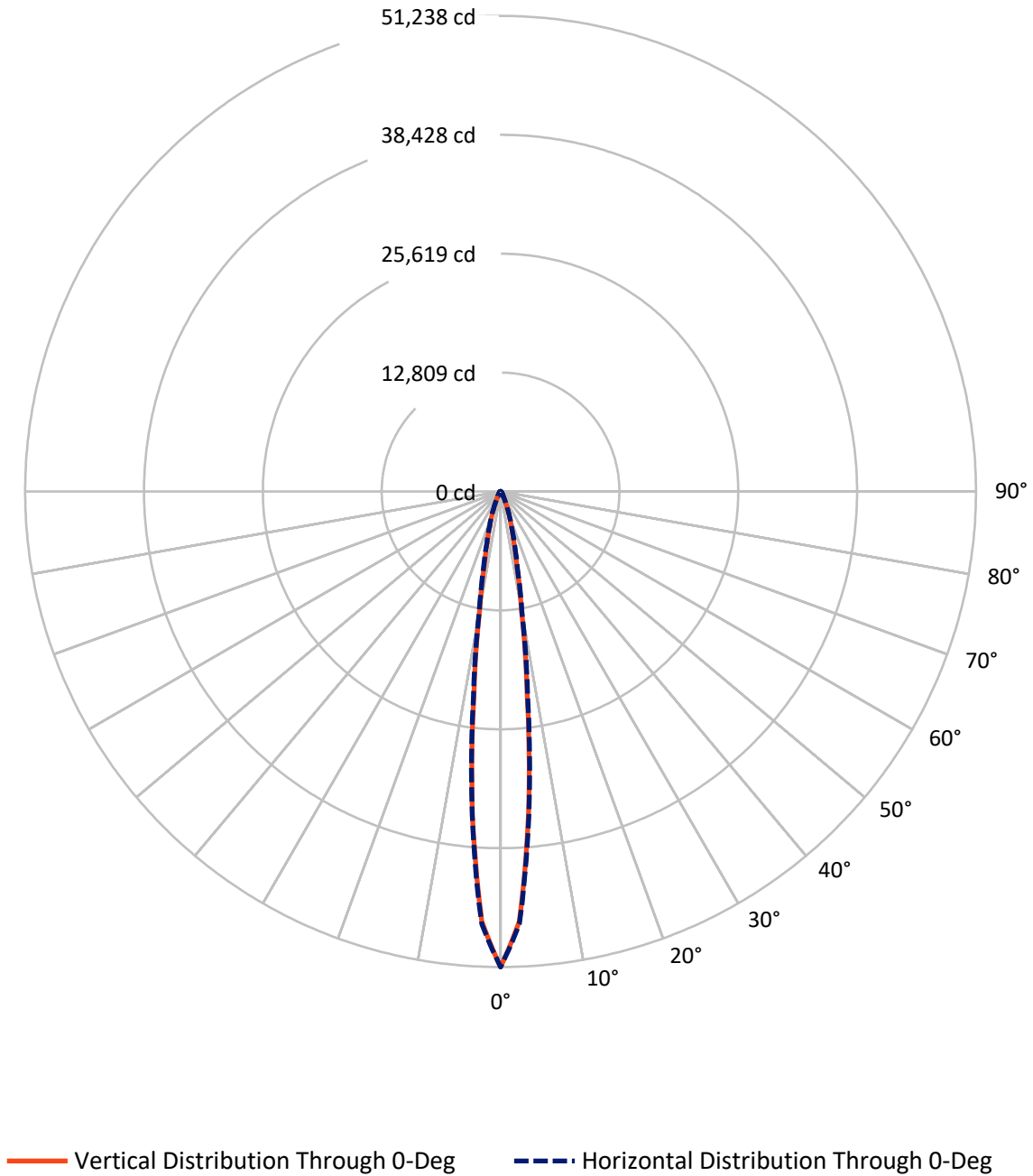
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### Lumen Table

90	0.1	0.7		2.0		3.2		3.5		3.2		2.0		0.7		0.1			
80	0.1	0.7		2.0		3.2		3.5		3.2		2.0		0.7		0.1			
70	0.3	0.4	0.8	1.3	1.8	2.2	2.5	2.6	2.6	2.5	2.2	1.8	1.3	0.8	0.4	0.3			
60		0.6	1.2	1.9	2.6	3.1	3.5	3.7	3.7	3.5	3.1	2.6	1.9	1.2	0.6				
50	0.6	0.8	1.5	2.4	3.1	4.0	4.7	5.0	5.0	4.7	4.0	3.1	2.4	1.5	0.8	0.6			
40		0.9	1.8	2.7	3.9	5.6	7.8	9.7	9.7	7.8	5.6	3.9	2.7	1.8	0.9				
30	0.8	1.0	2.0	3.1	5.0	9.9	22.6	37.5	37.5	22.6	9.9	5.0	3.1	2.0	1.0	0.8			
20		1.1	2.1	3.4	6.6	21.1	75.0	161.4	161.4	75.0	21.1	6.6	3.4	2.1	1.1				
10	0.8	1.1	2.1	3.6	8.0	34.8	162.9	703.9	703.9	162.9	34.8	8.0	3.6	2.1	1.1	0.8			
0		1.1	2.1	3.6	8.0	34.8	162.9	703.9	703.9	162.9	34.8	8.0	3.6	2.1	1.1				
-10	0.8	1.1	2.1	3.4	6.6	21.1	75.0	161.4	161.4	75.0	21.1	6.6	3.4	2.1	1.1	0.8			
-20		1.0	2.0	3.1	5.0	9.9	22.6	37.5	37.5	22.6	9.9	5.0	3.1	2.0	1.0				
-30	0.6	0.9	1.8	2.7	3.9	5.6	7.8	9.7	9.7	7.8	5.6	3.9	2.7	1.8	0.9	0.6			
-40		0.8	1.5	2.4	3.1	4.0	4.7	5.0	5.0	4.7	4.0	3.1	2.4	1.5	0.8				
-50	0.3	0.6	1.2	1.9	2.6	3.1	3.5	3.7	3.7	3.5	3.1	2.6	1.9	1.2	0.6	0.3			
-60		0.4	0.8	1.3	1.8	2.2	2.5	2.6	2.6	2.5	2.2	1.8	1.3	0.8	0.4				
-70	0.1	0.7		2.0		3.2		3.5		3.2		2.0		0.7		0.1			
-80		0.7		2.0		3.2		3.5		3.2		2.0		0.7					
-90	0.1	0.7		2.0		3.2		3.5		3.2		2.0		0.7		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

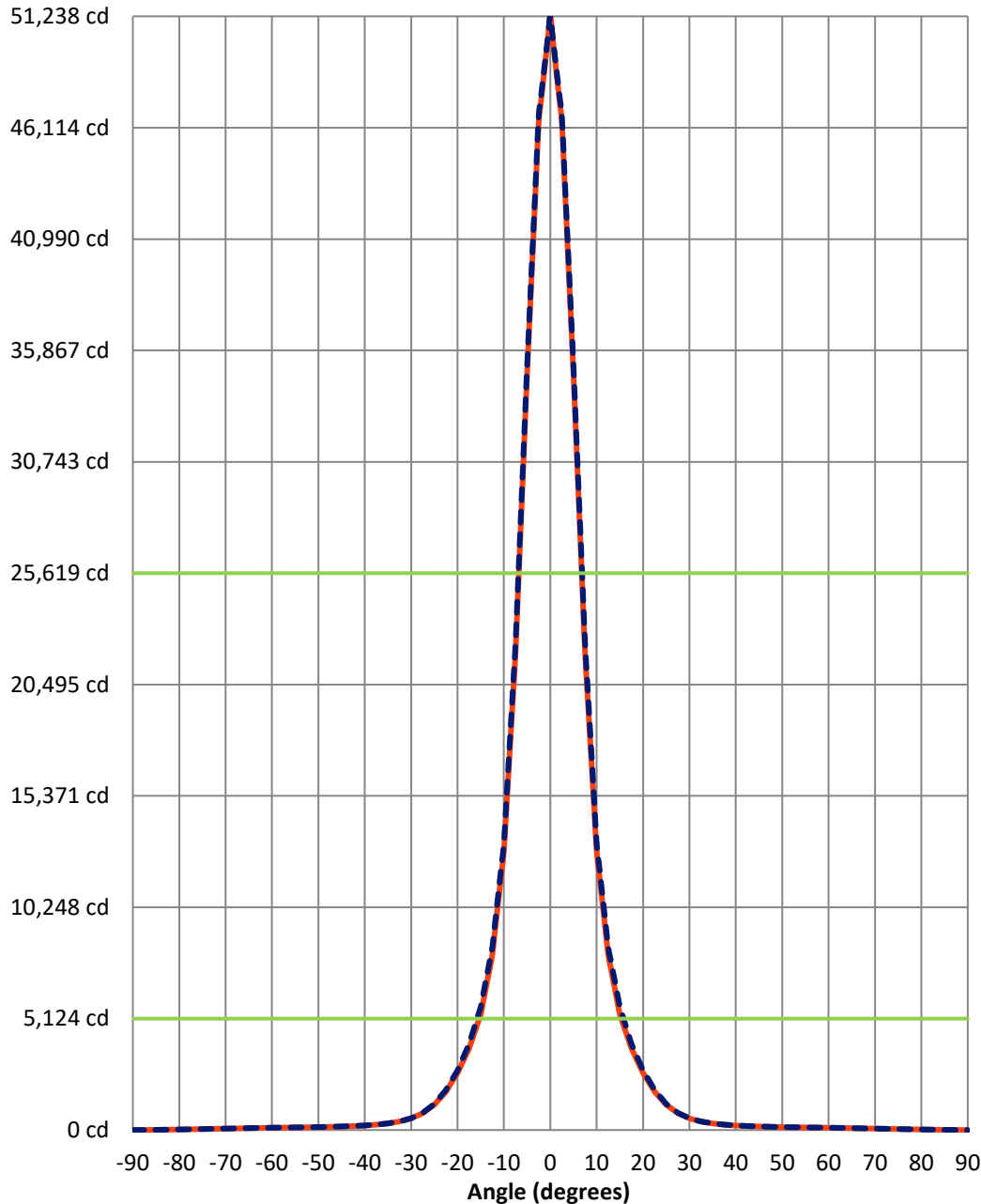
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 1608.6  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 3620  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 1820.8  
 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	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
85°	0.0	0.3	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.7
82.5°	0.0	0.5	1.1	1.7	2.3	2.8	3.4	4.0	4.6	5.4	6.1
80°	0.0	0.7	1.5	2.3	3.0	3.8	4.6	5.7	6.8	7.9	8.9
77.5°	0.0	0.8	1.9	2.8	3.8	4.9	6.3	7.7	9.0	10.3	11.8
75°	0.0	1.0	2.3	3.4	4.6	6.2	7.9	9.6	11.2	13.1	14.9
72.5°	0.0	1.1	2.6	4.0	5.6	7.5	9.5	11.6	13.8	16.0	18.1
70°	0.0	1.3	3.0	4.5	6.6	8.8	11.1	13.8	16.3	18.8	21.5
67.5°	0.0	1.5	3.3	5.2	7.5	10.0	13.0	16.0	18.8	21.9	25.0
65°	0.0	1.6	3.6	5.9	8.5	11.4	14.8	18.1	21.5	25.0	28.6
62.5°	0.0	1.7	3.9	6.6	9.4	12.8	16.6	20.4	24.2	28.1	32.8
60°	0.0	1.9	4.2	7.2	10.3	14.3	18.3	22.7	26.9	31.7	36.8
57.5°	0.0	2.0	4.6	7.8	11.4	15.7	20.2	24.9	29.8	35.1	40.7
55°	0.0	2.2	5.0	8.4	12.5	17.0	22.0	27.1	32.7	38.5	44.4
52.5°	0.0	2.3	5.4	9.0	13.5	18.4	23.8	29.5	35.5	41.6	48.0
50°	0.0	2.4	5.8	9.6	14.5	19.8	25.6	31.8	38.2	44.7	51.4
47.5°	0.0	2.5	6.1	10.1	15.5	21.2	27.3	34.0	40.7	47.6	54.8
45°	0.0	2.6	6.5	10.8	16.5	22.6	29.1	36.1	43.2	50.5	58.1
42.5°	0.0	2.7	6.8	11.5	17.4	23.8	30.8	38.2	45.5	53.4	61.3
40°	0.0	2.8	7.1	12.2	18.3	25.1	32.5	40.1	47.8	56.2	64.4
37.5°	0.0	2.9	7.4	12.8	19.2	26.2	34.1	42.0	50.1	58.8	67.4
35°	0.0	3.0	7.7	13.4	20.0	27.4	35.6	43.7	52.3	61.2	70.3
32.5°	0.0	3.0	8.0	14.0	20.9	28.5	37.0	45.4	54.2	63.5	72.8
30°	0.0	3.1	8.3	14.5	21.6	29.6	38.3	46.9	56.0	65.6	75.1
27.5°	0.0	3.2	8.5	15.0	22.3	30.6	39.5	48.4	57.7	67.6	77.1
25°	0.0	3.2	8.7	15.4	23.0	31.5	40.6	49.7	59.3	69.3	78.9
22.5°	0.0	3.2	9.0	15.8	23.6	32.4	41.6	50.9	60.7	70.8	80.5
20°	0.0	3.3	9.1	16.2	24.2	33.1	42.5	51.9	61.9	72.0	81.9
17.5°	0.0	3.3	9.3	16.5	24.7	33.7	43.2	52.8	63.0	73.1	83.2
15°	0.0	3.3	9.5	16.8	25.1	34.2	43.8	53.5	64.0	74.0	84.3
12.5°	0.0	3.3	9.6	17.0	25.5	34.6	44.3	54.3	64.7	74.6	85.2
10°	0.0	3.3	9.7	17.2	25.8	34.9	44.7	54.9	65.3	75.4	86.1
7.5°	0.0	3.3	9.8	17.4	26.0	35.1	44.9	55.4	65.7	76.0	87.1
5°	0.0	3.3	9.9	17.5	26.2	35.2	45.1	55.7	66.0	76.4	87.9
2.5°	0.0	3.3	9.9	17.6	26.3	35.2	45.1	55.9	66.0	76.7	88.5
0°	0.0	3.3	9.9	17.6	26.3	35.2	45.1	55.9	66.0	76.7	88.5
-2.5°	0.0	3.3	9.9	17.6	26.3	35.2	45.1	55.9	66.0	76.7	88.5
-5°	0.0	3.3	9.9	17.5	26.2	35.2	45.1	55.7	66.0	76.4	87.9
-7.5°	0.0	3.3	9.8	17.4	26.0	35.1	44.9	55.4	65.7	76.0	87.1
-10°	0.0	3.3	9.7	17.2	25.8	34.9	44.7	54.9	65.3	75.4	86.1
-12.5°	0.0	3.3	9.6	17.0	25.5	34.6	44.3	54.3	64.7	74.6	85.2
-15°	0.0	3.3	9.5	16.8	25.1	34.2	43.8	53.5	64.0	74.0	84.3
-17.5°	0.0	3.3	9.3	16.5	24.7	33.7	43.2	52.8	63.0	73.1	83.2
-20°	0.0	3.3	9.1	16.2	24.2	33.1	42.5	51.9	61.9	72.0	81.9

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Scaled Data Report



REPORT NUMBER: P626709 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-722-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	3.2	9.0	15.8	23.6	32.4	41.6	50.9	60.7	70.8	80.5
-25°	0.0	3.2	8.7	15.4	23.0	31.5	40.6	49.7	59.3	69.3	78.9
-27.5°	0.0	3.2	8.5	15.0	22.3	30.6	39.5	48.4	57.7	67.6	77.1
-30°	0.0	3.1	8.3	14.5	21.6	29.6	38.3	46.9	56.0	65.6	75.1
-32.5°	0.0	3.0	8.0	14.0	20.9	28.5	37.0	45.4	54.2	63.5	72.8
-35°	0.0	3.0	7.7	13.4	20.0	27.4	35.6	43.7	52.3	61.2	70.3
-37.5°	0.0	2.9	7.4	12.8	19.2	26.2	34.1	42.0	50.1	58.8	67.4
-40°	0.0	2.8	7.1	12.2	18.3	25.1	32.5	40.1	47.8	56.2	64.4
-42.5°	0.0	2.7	6.8	11.5	17.4	23.8	30.8	38.2	45.5	53.4	61.3
-45°	0.0	2.6	6.5	10.8	16.5	22.6	29.1	36.1	43.2	50.5	58.1
-47.5°	0.0	2.5	6.1	10.1	15.5	21.2	27.3	34.0	40.7	47.6	54.8
-50°	0.0	2.4	5.8	9.6	14.5	19.8	25.6	31.8	38.2	44.7	51.4
-52.5°	0.0	2.3	5.4	9.0	13.5	18.4	23.8	29.5	35.5	41.6	48.0
-55°	0.0	2.2	5.0	8.4	12.5	17.0	22.0	27.1	32.7	38.5	44.4
-57.5°	0.0	2.0	4.6	7.8	11.4	15.7	20.2	24.9	29.8	35.1	40.7
-60°	0.0	1.9	4.2	7.2	10.3	14.3	18.3	22.7	26.9	31.7	36.8
-62.5°	0.0	1.7	3.9	6.6	9.4	12.8	16.6	20.4	24.2	28.1	32.8
-65°	0.0	1.6	3.6	5.9	8.5	11.4	14.8	18.1	21.5	25.0	28.6
-67.5°	0.0	1.5	3.3	5.2	7.5	10.0	13.0	16.0	18.8	21.9	25.0
-70°	0.0	1.3	3.0	4.5	6.6	8.8	11.1	13.8	16.3	18.8	21.5
-72.5°	0.0	1.1	2.6	4.0	5.6	7.5	9.5	11.6	13.8	16.0	18.1
-75°	0.0	1.0	2.3	3.4	4.6	6.2	7.9	9.6	11.2	13.1	14.9
-77.5°	0.0	0.8	1.9	2.8	3.8	4.9	6.3	7.7	9.0	10.3	11.8
-80°	0.0	0.7	1.5	2.3	3.0	3.8	4.6	5.7	6.8	7.9	8.9
-82.5°	0.0	0.5	1.1	1.7	2.3	2.8	3.4	4.0	4.6	5.4	6.1
-85°	0.0	0.3	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.7
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
-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°	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.1	3.2	3.4	3.5
85°	4.1	4.4	4.9	5.4	5.8	6.1	6.4	6.7	7.1	7.6	8.1
82.5°	6.9	7.7	8.4	9.1	9.6	10.0	10.4	11.0	11.9	12.9	13.7
80°	9.9	10.9	12.1	13.2	14.2	15.1	16.1	17.1	18.2	19.2	20.2
77.5°	13.3	14.7	16.2	17.6	18.9	20.4	21.9	23.2	24.6	25.8	27.0
75°	16.7	18.5	20.4	22.3	24.1	25.9	27.7	29.6	31.4	33.1	34.7
72.5°	20.4	22.7	25.0	27.2	29.6	31.9	34.2	36.4	38.6	40.8	43.2
70°	24.2	26.9	29.8	32.7	35.4	38.2	41.0	43.5	45.8	48.9	52.0
67.5°	28.2	31.8	35.2	38.4	42.0	45.3	48.2	51.3	54.6	58.1	61.2
65°	32.9	36.8	40.7	44.8	49.0	52.4	56.0	59.8	63.6	67.1	70.5
62.5°	37.5	42.0	46.5	50.9	55.2	59.3	63.7	67.9	72.0	76.1	79.8
60°	42.0	47.1	51.8	56.5	61.3	66.4	71.3	75.9	80.8	85.5	87.9
57.5°	46.4	51.7	56.7	61.9	67.6	73.4	78.4	83.7	87.9	91.2	94.3
55°	50.4	56.0	61.5	67.3	73.5	79.5	85.1	89.8	93.7	96.7	100.0
52.5°	54.2	60.1	66.1	72.4	78.9	85.3	91.2	95.7	99.2	102.2	105.4
50°	58.0	64.2	70.4	77.4	84.4	91.2	97.0	101.1	104.4	107.5	110.7
47.5°	61.7	68.2	74.9	82.3	89.9	96.5	102.0	105.7	109.0	112.7	116.3
45°	65.3	72.3	79.4	87.4	95.0	101.4	106.0	109.8	113.9	117.8	121.6
42.5°	68.8	76.3	84.0	92.3	99.7	105.5	109.8	114.2	118.6	122.8	127.1
40°	72.3	80.2	88.4	96.7	104.1	109.1	113.7	118.4	123.2	127.8	132.6
37.5°	75.7	83.9	92.3	100.7	107.4	112.5	117.2	122.4	127.6	132.6	138.8
35°	78.9	87.2	95.8	103.9	110.4	115.6	120.8	126.3	131.7	138.2	145.3
32.5°	81.8	90.2	98.9	106.4	112.8	118.4	124.3	130.1	136.6	143.9	152.4
30°	84.2	92.9	101.6	108.9	115.1	121.0	127.5	133.8	141.4	150.3	160.3
27.5°	86.4	95.3	103.7	111.1	117.4	123.2	130.0	138.1	146.8	156.7	168.5
25°	88.4	97.6	105.7	113.0	119.1	125.3	132.5	141.4	151.9	163.9	178.3
22.5°	90.3	99.9	107.7	114.9	120.5	127.2	135.4	145.0	156.4	170.4	188.0
20°	92.1	101.7	109.4	116.3	121.6	128.8	137.9	148.2	161.1	177.8	198.1
17.5°	93.7	103.1	110.6	117.2	123.0	130.5	140.0	150.7	165.2	184.4	207.4
15°	95.2	104.4	111.7	117.9	124.2	132.4	142.3	153.9	169.7	190.8	215.7
12.5°	96.6	105.4	112.4	118.4	125.1	133.9	144.4	157.2	174.5	197.1	226.1
10°	97.7	106.1	113.0	118.8	125.8	135.0	146.0	159.9	178.4	202.0	234.2
7.5°	98.7	106.7	113.4	119.0	126.3	135.9	147.4	162.0	181.1	205.4	240.0
5°	99.4	107.2	113.8	119.7	127.1	136.5	148.3	163.4	182.7	207.5	243.6
2.5°	99.8	107.5	114.1	120.3	127.9	137.0	149.1	164.9	183.9	209.5	246.3
0°	99.9	107.6	114.2	120.8	128.4	137.2	149.3	165.8	184.4	210.8	248.1
-2.5°	99.8	107.5	114.1	120.3	127.9	137.0	149.1	164.9	183.9	209.5	246.3
-5°	99.4	107.2	113.8	119.7	127.1	136.5	148.3	163.4	182.7	207.5	243.6
-7.5°	98.7	106.7	113.4	119.0	126.3	135.9	147.4	162.0	181.1	205.4	240.0
-10°	97.7	106.1	113.0	118.8	125.8	135.0	146.0	159.9	178.4	202.0	234.2
-12.5°	96.6	105.4	112.4	118.4	125.1	133.9	144.4	157.2	174.5	197.1	226.1
-15°	95.2	104.4	111.7	117.9	124.2	132.4	142.3	153.9	169.7	190.8	215.7
-17.5°	93.7	103.1	110.6	117.2	123.0	130.5	140.0	150.7	165.2	184.4	207.4
-20°	92.1	101.7	109.4	116.3	121.6	128.8	137.9	148.2	161.1	177.8	198.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626709 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	90.3	99.9	107.7	114.9	120.5	127.2	135.4	145.0	156.4	170.4	188.0
-25°	88.4	97.6	105.7	113.0	119.1	125.3	132.5	141.4	151.9	163.9	178.3
-27.5°	86.4	95.3	103.7	111.1	117.4	123.2	130.0	138.1	146.8	156.7	168.5
-30°	84.2	92.9	101.6	108.9	115.1	121.0	127.5	133.8	141.4	150.3	160.3
-32.5°	81.8	90.2	98.9	106.4	112.8	118.4	124.3	130.1	136.6	143.9	152.4
-35°	78.9	87.2	95.8	103.9	110.4	115.6	120.8	126.3	131.7	138.2	145.3
-37.5°	75.7	83.9	92.3	100.7	107.4	112.5	117.2	122.4	127.6	132.6	138.8
-40°	72.3	80.2	88.4	96.7	104.1	109.1	113.7	118.4	123.2	127.8	132.6
-42.5°	68.8	76.3	84.0	92.3	99.7	105.5	109.8	114.2	118.6	122.8	127.1
-45°	65.3	72.3	79.4	87.4	95.0	101.4	106.0	109.8	113.9	117.8	121.6
-47.5°	61.7	68.2	74.9	82.3	89.9	96.5	102.0	105.7	109.0	112.7	116.3
-50°	58.0	64.2	70.4	77.4	84.4	91.2	97.0	101.1	104.4	107.5	110.7
-52.5°	54.2	60.1	66.1	72.4	78.9	85.3	91.2	95.7	99.2	102.2	105.4
-55°	50.4	56.0	61.5	67.3	73.5	79.5	85.1	89.8	93.7	96.7	100.0
-57.5°	46.4	51.7	56.7	61.9	67.6	73.4	78.4	83.7	87.9	91.2	94.3
-60°	42.0	47.1	51.8	56.5	61.3	66.4	71.3	75.9	80.8	85.5	87.9
-62.5°	37.5	42.0	46.5	50.9	55.2	59.3	63.7	67.9	72.0	76.1	79.8
-65°	32.9	36.8	40.7	44.8	49.0	52.4	56.0	59.8	63.6	67.1	70.5
-67.5°	28.2	31.8	35.2	38.4	42.0	45.3	48.2	51.3	54.6	58.1	61.2
-70°	24.2	26.9	29.8	32.7	35.4	38.2	41.0	43.5	45.8	48.9	52.0
-72.5°	20.4	22.7	25.0	27.2	29.6	31.9	34.2	36.4	38.6	40.8	43.2
-75°	16.7	18.5	20.4	22.3	24.1	25.9	27.7	29.6	31.4	33.1	34.7
-77.5°	13.3	14.7	16.2	17.6	18.9	20.4	21.9	23.2	24.6	25.8	27.0
-80°	9.9	10.9	12.1	13.2	14.2	15.1	16.1	17.1	18.2	19.2	20.2
-82.5°	6.9	7.7	8.4	9.1	9.6	10.0	10.4	11.0	11.9	12.9	13.7
-85°	4.1	4.4	4.9	5.4	5.8	6.1	6.4	6.7	7.1	7.6	8.1
-87.5°	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.1	3.2	3.4	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: P626709 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-722-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°	3.6	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.2	4.0	3.8
85°	8.6	8.9	9.2	9.5	9.8	10.0	10.2	10.4	10.5	10.4	10.3
82.5°	14.5	15.1	15.6	16.1	16.5	16.9	17.3	17.6	17.9	17.9	17.8
80°	21.1	22.0	22.9	23.9	24.8	25.3	25.7	26.0	26.2	26.3	26.3
77.5°	28.2	29.7	31.2	32.7	34.2	35.0	35.6	36.1	36.5	36.6	36.5
75°	36.3	38.2	40.2	42.1	43.6	44.6	45.3	45.8	46.3	46.4	46.4
72.5°	45.6	47.9	49.8	51.3	52.7	53.7	54.5	55.3	55.8	56.1	56.1
70°	54.8	57.1	58.9	60.4	61.7	62.8	63.8	64.7	65.4	65.9	66.3
67.5°	64.1	66.7	68.6	70.0	71.1	72.2	73.5	74.7	75.6	76.3	76.6
65°	73.7	76.4	78.1	79.6	80.9	82.4	83.9	85.0	85.7	86.1	86.4
62.5°	82.8	85.4	87.6	89.6	91.6	93.2	94.2	95.1	95.9	96.6	97.1
60°	90.8	94.0	96.5	98.4	100.4	102.2	103.5	104.5	105.2	105.8	106.2
57.5°	97.6	100.8	103.8	105.7	107.7	110.0	111.4	112.3	113.0	113.7	114.0
55°	103.5	106.5	109.2	111.8	114.1	116.1	117.7	118.8	119.7	120.5	120.8
52.5°	108.8	112.1	115.3	118.0	120.3	122.2	123.7	125.1	126.2	126.9	127.2
50°	114.4	118.0	121.3	124.3	126.6	128.8	130.7	132.3	133.9	135.2	136.1
47.5°	119.9	123.7	127.4	130.7	133.5	136.6	139.4	141.7	144.1	145.9	147.2
45°	125.4	129.8	133.8	138.1	142.0	146.0	149.8	153.0	156.4	158.9	160.6
42.5°	131.6	136.6	141.4	146.8	152.0	157.3	163.0	168.1	172.0	175.7	178.7
40°	138.2	143.9	150.3	156.8	164.5	171.5	179.1	185.7	191.6	197.9	202.9
37.5°	145.3	152.4	160.7	169.5	179.4	188.9	198.9	208.8	217.4	227.5	235.2
35°	153.1	162.6	172.8	184.6	197.0	210.7	224.4	240.2	253.8	268.7	281.8
32.5°	162.3	173.6	187.0	202.7	218.6	239.3	258.7	283.8	305.6	329.4	353.3
30°	171.8	186.5	203.9	223.6	248.9	277.3	309.1	346.6	385.2	422.5	467.6
27.5°	183.5	201.3	222.4	251.1	288.3	326.8	381.4	437.7	508.6	567.3	650.1
25°	195.7	216.7	246.6	285.7	334.2	401.0	483.9	573.8	698.6	808.3	937.0
22.5°	209.0	237.3	274.6	322.8	396.3	498.9	624.4	793.6	977.8	1173.3	1367.8
20°	222.9	257.1	305.9	375.8	476.7	615.7	831.2	1092.3	1355.4	1678.0	1963.7
17.5°	238.9	282.5	342.6	430.0	564.7	777.6	1076.5	1441.0	1849.2	2313.1	2725.0
15°	252.3	304.2	380.1	502.4	687.6	961.0	1338.0	1839.4	2452.9	3075.9	3708.0
12.5°	267.8	327.8	417.0	562.8	795.4	1158.8	1671.9	2306.6	3072.7	3936.9	4955.7
10°	281.5	351.1	461.9	642.3	926.7	1365.0	1987.7	2751.4	3740.0	4983.4	6561.1
7.5°	291.7	369.5	496.5	702.8	1040.1	1563.4	2286.2	3238.4	4494.7	6136.6	8301.8
5°	298.4	382.9	521.0	749.6	1129.0	1711.0	2504.9	3583.8	5099.4	7421.6	11088.1
2.5°	302.3	390.8	535.0	777.0	1183.0	1808.7	2671.3	3845.0	5491.4	8215.8	12880.2
0°	304.1	393.0	543.4	791.5	1201.0	1846.5	2747.8	3964.1	5666.8	8401.3	13195.3
-2.5°	302.3	390.8	535.0	777.0	1183.0	1808.7	2671.3	3845.0	5491.4	8215.8	12880.2
-5°	298.4	382.9	521.0	749.6	1129.0	1711.0	2504.9	3583.8	5099.4	7421.6	11088.1
-7.5°	291.7	369.5	496.5	702.8	1040.1	1563.4	2286.2	3238.4	4494.7	6136.6	8301.8
-10°	281.5	351.1	461.9	642.3	926.7	1365.0	1987.7	2751.4	3740.0	4983.4	6561.1
-12.5°	267.8	327.8	417.0	562.8	795.4	1158.8	1671.9	2306.6	3072.7	3936.9	4955.7
-15°	252.3	304.2	380.1	502.4	687.6	961.0	1338.0	1839.4	2452.9	3075.9	3708.0
-17.5°	238.9	282.5	342.6	430.0	564.7	777.6	1076.5	1441.0	1849.2	2313.1	2725.0
-20°	222.9	257.1	305.9	375.8	476.7	615.7	831.2	1092.3	1355.4	1678.0	1963.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626709 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	209.0	237.3	274.6	322.8	396.3	498.9	624.4	793.6	977.8	1173.3	1367.8
-25°	195.7	216.7	246.6	285.7	334.2	401.0	483.9	573.8	698.6	808.3	937.0
-27.5°	183.5	201.3	222.4	251.1	288.3	326.8	381.4	437.7	508.6	567.3	650.1
-30°	171.8	186.5	203.9	223.6	248.9	277.3	309.1	346.6	385.2	422.5	467.6
-32.5°	162.3	173.6	187.0	202.7	218.6	239.3	258.7	283.8	305.6	329.4	353.3
-35°	153.1	162.6	172.8	184.6	197.0	210.7	224.4	240.2	253.8	268.7	281.8
-37.5°	145.3	152.4	160.7	169.5	179.4	188.9	198.9	208.8	217.4	227.5	235.2
-40°	138.2	143.9	150.3	156.8	164.5	171.5	179.1	185.7	191.6	197.9	202.9
-42.5°	131.6	136.6	141.4	146.8	152.0	157.3	163.0	168.1	172.0	175.7	178.7
-45°	125.4	129.8	133.8	138.1	142.0	146.0	149.8	153.0	156.4	158.9	160.6
-47.5°	119.9	123.7	127.4	130.7	133.5	136.6	139.4	141.7	144.1	145.9	147.2
-50°	114.4	118.0	121.3	124.3	126.6	128.8	130.7	132.3	133.9	135.2	136.1
-52.5°	108.8	112.1	115.3	118.0	120.3	122.2	123.7	125.1	126.2	126.9	127.2
-55°	103.5	106.5	109.2	111.8	114.1	116.1	117.7	118.8	119.7	120.5	120.8
-57.5°	97.6	100.8	103.8	105.7	107.7	110.0	111.4	112.3	113.0	113.7	114.0
-60°	90.8	94.0	96.5	98.4	100.4	102.2	103.5	104.5	105.2	105.8	106.2
-62.5°	82.8	85.4	87.6	89.6	91.6	93.2	94.2	95.1	95.9	96.6	97.1
-65°	73.7	76.4	78.1	79.6	80.9	82.4	83.9	85.0	85.7	86.1	86.4
-67.5°	64.1	66.7	68.6	70.0	71.1	72.2	73.5	74.7	75.6	76.3	76.6
-70°	54.8	57.1	58.9	60.4	61.7	62.8	63.8	64.7	65.4	65.9	66.3
-72.5°	45.6	47.9	49.8	51.3	52.7	53.7	54.5	55.3	55.8	56.1	56.1
-75°	36.3	38.2	40.2	42.1	43.6	44.6	45.3	45.8	46.3	46.4	46.4
-77.5°	28.2	29.7	31.2	32.7	34.2	35.0	35.6	36.1	36.5	36.6	36.5
-80°	21.1	22.0	22.9	23.9	24.8	25.3	25.7	26.0	26.2	26.3	26.3
-82.5°	14.5	15.1	15.6	16.1	16.5	16.9	17.3	17.6	17.9	17.9	17.8
-85°	8.6	8.9	9.2	9.5	9.8	10.0	10.2	10.4	10.5	10.4	10.3
-87.5°	3.6	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.2	4.0	3.8
-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: P626709 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-722-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°	3.5	3.3	3.3	3.3	3.3	3.3	3.5	3.8	4.0	4.2	4.2
85°	10.1	9.9	9.9	9.9	9.9	9.9	10.1	10.3	10.4	10.5	10.4
82.5°	17.7	17.5	17.6	17.6	17.6	17.5	17.7	17.8	17.9	17.9	17.6
80°	26.3	26.2	25.7	25.2	25.7	26.2	26.3	26.3	26.3	26.2	26.0
77.5°	36.3	36.0	35.6	35.1	35.6	36.0	36.3	36.5	36.6	36.5	36.1
75°	46.2	45.9	46.0	46.1	46.0	45.9	46.2	46.4	46.4	46.3	45.8
72.5°	56.0	55.8	55.9	56.0	55.9	55.8	56.0	56.1	56.1	55.8	55.3
70°	66.6	66.7	66.4	65.9	66.4	66.7	66.6	66.3	65.9	65.4	64.7
67.5°	76.7	76.5	76.2	75.7	76.2	76.5	76.7	76.6	76.3	75.6	74.7
65°	86.5	86.4	86.6	86.7	86.6	86.4	86.5	86.4	86.1	85.7	85.0
62.5°	97.3	97.3	97.1	96.6	97.1	97.3	97.3	97.1	96.6	95.9	95.1
60°	106.3	106.2	105.9	105.4	105.9	106.2	106.3	106.2	105.8	105.2	104.5
57.5°	114.1	114.0	113.6	113.1	113.6	114.0	114.1	114.0	113.7	113.0	112.3
55°	120.8	120.6	120.3	119.7	120.3	120.6	120.8	120.8	120.5	119.7	118.8
52.5°	127.3	127.1	127.2	127.3	127.2	127.1	127.3	127.2	126.9	126.2	125.1
50°	136.6	136.8	136.6	136.1	136.6	136.8	136.6	136.1	135.2	133.9	132.3
47.5°	147.8	147.9	147.6	147.1	147.6	147.9	147.8	147.2	145.9	144.1	141.7
45°	161.9	162.7	162.9	162.5	162.9	162.7	161.9	160.6	158.9	156.4	153.0
42.5°	181.0	182.2	182.5	182.2	182.5	182.2	181.0	178.7	175.7	172.0	168.1
40°	206.0	207.4	207.7	207.5	207.7	207.4	206.0	202.9	197.9	191.6	185.7
37.5°	240.6	244.1	245.7	245.9	245.7	244.1	240.6	235.2	227.5	217.4	208.8
35°	291.7	298.6	302.3	304.1	302.3	298.6	291.7	281.8	268.7	253.8	240.2
32.5°	371.4	385.2	392.8	391.9	392.8	385.2	371.4	353.3	329.4	305.6	283.8
30°	501.6	525.7	537.8	534.6	537.8	525.7	501.6	467.6	422.5	385.2	346.6
27.5°	709.5	753.1	778.4	775.0	778.4	753.1	709.5	650.1	567.3	508.6	437.7
25°	1044.6	1124.2	1175.2	1162.6	1175.2	1124.2	1044.6	937.0	808.3	698.6	573.8
22.5°	1554.3	1689.2	1778.4	1767.4	1778.4	1689.2	1554.3	1367.8	1173.3	977.8	793.6
20°	2253.4	2458.7	2605.3	2624.8	2605.3	2458.7	2253.4	1963.7	1678.0	1355.4	1092.3
17.5°	3169.9	3495.5	3722.1	3759.9	3722.1	3495.5	3169.9	2725.0	2313.1	1849.2	1441.0
15°	4361.0	4893.1	5278.2	5310.0	5278.2	4893.1	4361.0	3708.0	3075.9	2452.9	1839.4
12.5°	5978.4	7048.5	7747.0	8054.4	7747.0	7048.5	5978.4	4955.7	3936.9	3072.7	2306.6
10°	8216.7	10674.7	12249.0	12840.8	12249.0	10674.7	8216.7	6561.1	4983.4	3740.0	2751.4
7.5°	11955.3	15814.6	20105.1	21933.7	20105.1	15814.6	11955.3	8301.8	6136.6	4494.7	3238.4
5°	16189.0	24198.5	31817.1	34792.0	31817.1	24198.5	16189.0	11088.1	7421.6	5099.4	3583.8
2.5°	20644.1	31808.1	42269.7	46361.0	42269.7	31808.1	20644.1	12880.2	8215.8	5491.4	3845.0
0°	22383.8	35140.0	46650.3	51237.9	46650.3	35140.0	22383.8	13195.3	8401.3	5666.8	3964.1
-2.5°	20644.1	31808.1	42269.7	46361.0	42269.7	31808.1	20644.1	12880.2	8215.8	5491.4	3845.0
-5°	16189.0	24198.5	31817.1	34792.0	31817.1	24198.5	16189.0	11088.1	7421.6	5099.4	3583.8
-7.5°	11955.3	15814.6	20105.1	21933.7	20105.1	15814.6	11955.3	8301.8	6136.6	4494.7	3238.4
-10°	8216.7	10674.7	12249.0	12840.8	12249.0	10674.7	8216.7	6561.1	4983.4	3740.0	2751.4
-12.5°	5978.4	7048.5	7747.0	8054.4	7747.0	7048.5	5978.4	4955.7	3936.9	3072.7	2306.6
-15°	4361.0	4893.1	5278.2	5310.0	5278.2	4893.1	4361.0	3708.0	3075.9	2452.9	1839.4
-17.5°	3169.9	3495.5	3722.1	3759.9	3722.1	3495.5	3169.9	2725.0	2313.1	1849.2	1441.0
-20°	2253.4	2458.7	2605.3	2624.8	2605.3	2458.7	2253.4	1963.7	1678.0	1355.4	1092.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626709 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	1554.3	1689.2	1778.4	1767.4	1778.4	1689.2	1554.3	1367.8	1173.3	977.8	793.6
-25°	1044.6	1124.2	1175.2	1162.6	1175.2	1124.2	1044.6	937.0	808.3	698.6	573.8
-27.5°	709.5	753.1	778.4	775.0	778.4	753.1	709.5	650.1	567.3	508.6	437.7
-30°	501.6	525.7	537.8	534.6	537.8	525.7	501.6	467.6	422.5	385.2	346.6
-32.5°	371.4	385.2	392.8	391.9	392.8	385.2	371.4	353.3	329.4	305.6	283.8
-35°	291.7	298.6	302.3	304.1	302.3	298.6	291.7	281.8	268.7	253.8	240.2
-37.5°	240.6	244.1	245.7	245.9	245.7	244.1	240.6	235.2	227.5	217.4	208.8
-40°	206.0	207.4	207.7	207.5	207.7	207.4	206.0	202.9	197.9	191.6	185.7
-42.5°	181.0	182.2	182.5	182.2	182.5	182.2	181.0	178.7	175.7	172.0	168.1
-45°	161.9	162.7	162.9	162.5	162.9	162.7	161.9	160.6	158.9	156.4	153.0
-47.5°	147.8	147.9	147.6	147.1	147.6	147.9	147.8	147.2	145.9	144.1	141.7
-50°	136.6	136.8	136.6	136.1	136.6	136.8	136.6	136.1	135.2	133.9	132.3
-52.5°	127.3	127.1	127.2	127.3	127.2	127.1	127.3	127.2	126.9	126.2	125.1
-55°	120.8	120.6	120.3	119.7	120.3	120.6	120.8	120.8	120.5	119.7	118.8
-57.5°	114.1	114.0	113.6	113.1	113.6	114.0	114.1	114.0	113.7	113.0	112.3
-60°	106.3	106.2	105.9	105.4	105.9	106.2	106.3	106.2	105.8	105.2	104.5
-62.5°	97.3	97.3	97.1	96.6	97.1	97.3	97.3	97.1	96.6	95.9	95.1
-65°	86.5	86.4	86.6	86.7	86.6	86.4	86.5	86.4	86.1	85.7	85.0
-67.5°	76.7	76.5	76.2	75.7	76.2	76.5	76.7	76.6	76.3	75.6	74.7
-70°	66.6	66.7	66.4	65.9	66.4	66.7	66.6	66.3	65.9	65.4	64.7
-72.5°	56.0	55.8	55.9	56.0	55.9	55.8	56.0	56.1	56.1	55.8	55.3
-75°	46.2	45.9	46.0	46.1	46.0	45.9	46.2	46.4	46.4	46.3	45.8
-77.5°	36.3	36.0	35.6	35.1	35.6	36.0	36.3	36.5	36.6	36.5	36.1
-80°	26.3	26.2	25.7	25.2	25.7	26.2	26.3	26.3	26.3	26.2	26.0
-82.5°	17.7	17.5	17.6	17.6	17.6	17.5	17.7	17.8	17.9	17.9	17.6
-85°	10.1	9.9	9.9	9.9	9.9	9.9	10.1	10.3	10.4	10.5	10.4
-87.5°	3.5	3.3	3.3	3.3	3.3	3.3	3.5	3.8	4.0	4.2	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: P626709 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-722-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°	4.1	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.2	3.1
85°	10.2	10.0	9.8	9.5	9.2	8.9	8.6	8.1	7.6	7.1	6.7
82.5°	17.3	16.9	16.5	16.1	15.6	15.1	14.5	13.7	12.9	11.9	11.0
80°	25.7	25.3	24.8	23.9	22.9	22.0	21.1	20.2	19.2	18.2	17.1
77.5°	35.6	35.0	34.2	32.7	31.2	29.7	28.2	27.0	25.8	24.6	23.2
75°	45.3	44.6	43.6	42.1	40.2	38.2	36.3	34.7	33.1	31.4	29.6
72.5°	54.5	53.7	52.7	51.3	49.8	47.9	45.6	43.2	40.8	38.6	36.4
70°	63.8	62.8	61.7	60.4	58.9	57.1	54.8	52.0	48.9	45.8	43.5
67.5°	73.5	72.2	71.1	70.0	68.6	66.7	64.1	61.2	58.1	54.6	51.3
65°	83.9	82.4	80.9	79.6	78.1	76.4	73.7	70.5	67.1	63.6	59.8
62.5°	94.2	93.2	91.6	89.6	87.6	85.4	82.8	79.8	76.1	72.0	67.9
60°	103.5	102.2	100.4	98.4	96.5	94.0	90.8	87.9	85.5	80.8	75.9
57.5°	111.4	110.0	107.7	105.7	103.8	100.8	97.6	94.3	91.2	87.9	83.7
55°	117.7	116.1	114.1	111.8	109.2	106.5	103.5	100.0	96.7	93.7	89.8
52.5°	123.7	122.2	120.3	118.0	115.3	112.1	108.8	105.4	102.2	99.2	95.7
50°	130.7	128.8	126.6	124.3	121.3	118.0	114.4	110.7	107.5	104.4	101.1
47.5°	139.4	136.6	133.5	130.7	127.4	123.7	119.9	116.3	112.7	109.0	105.7
45°	149.8	146.0	142.0	138.1	133.8	129.8	125.4	121.6	117.8	113.9	109.8
42.5°	163.0	157.3	152.0	146.8	141.4	136.6	131.6	127.1	122.8	118.6	114.2
40°	179.1	171.5	164.5	156.8	150.3	143.9	138.2	132.6	127.8	123.2	118.4
37.5°	198.9	188.9	179.4	169.5	160.7	152.4	145.3	138.8	132.6	127.6	122.4
35°	224.4	210.7	197.0	184.6	172.8	162.6	153.1	145.3	138.2	131.7	126.3
32.5°	258.7	239.3	218.6	202.7	187.0	173.6	162.3	152.4	143.9	136.6	130.1
30°	309.1	277.3	248.9	223.6	203.9	186.5	171.8	160.3	150.3	141.4	133.8
27.5°	381.4	326.8	288.3	251.1	222.4	201.3	183.5	168.5	156.7	146.8	138.1
25°	483.9	401.0	334.2	285.7	246.6	216.7	195.7	178.3	163.9	151.9	141.4
22.5°	624.4	498.9	396.3	322.8	274.6	237.3	209.0	188.0	170.4	156.4	145.0
20°	831.2	615.7	476.7	375.8	305.9	257.1	222.9	198.1	177.8	161.1	148.2
17.5°	1076.5	777.6	564.7	430.0	342.6	282.5	238.9	207.4	184.4	165.2	150.7
15°	1338.0	961.0	687.6	502.4	380.1	304.2	252.3	215.7	190.8	169.7	153.9
12.5°	1671.9	1158.8	795.4	562.8	417.0	327.8	267.8	226.1	197.1	174.5	157.2
10°	1987.7	1365.0	926.7	642.3	461.9	351.1	281.5	234.2	202.0	178.4	159.9
7.5°	2286.2	1563.4	1040.1	702.8	496.5	369.5	291.7	240.0	205.4	181.1	162.0
5°	2504.9	1711.0	1129.0	749.6	521.0	382.9	298.4	243.6	207.5	182.7	163.4
2.5°	2671.3	1808.7	1183.0	777.0	535.0	390.8	302.3	246.3	209.5	183.9	164.9
0°	2747.8	1846.5	1201.0	791.5	543.4	393.0	304.1	248.1	210.8	184.4	165.8
-2.5°	2671.3	1808.7	1183.0	777.0	535.0	390.8	302.3	246.3	209.5	183.9	164.9
-5°	2504.9	1711.0	1129.0	749.6	521.0	382.9	298.4	243.6	207.5	182.7	163.4
-7.5°	2286.2	1563.4	1040.1	702.8	496.5	369.5	291.7	240.0	205.4	181.1	162.0
-10°	1987.7	1365.0	926.7	642.3	461.9	351.1	281.5	234.2	202.0	178.4	159.9
-12.5°	1671.9	1158.8	795.4	562.8	417.0	327.8	267.8	226.1	197.1	174.5	157.2
-15°	1338.0	961.0	687.6	502.4	380.1	304.2	252.3	215.7	190.8	169.7	153.9
-17.5°	1076.5	777.6	564.7	430.0	342.6	282.5	238.9	207.4	184.4	165.2	150.7
-20°	831.2	615.7	476.7	375.8	305.9	257.1	222.9	198.1	177.8	161.1	148.2



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REPORT NUMBER: P626709 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	624.4	498.9	396.3	322.8	274.6	237.3	209.0	188.0	170.4	156.4	145.0
-25°	483.9	401.0	334.2	285.7	246.6	216.7	195.7	178.3	163.9	151.9	141.4
-27.5°	381.4	326.8	288.3	251.1	222.4	201.3	183.5	168.5	156.7	146.8	138.1
-30°	309.1	277.3	248.9	223.6	203.9	186.5	171.8	160.3	150.3	141.4	133.8
-32.5°	258.7	239.3	218.6	202.7	187.0	173.6	162.3	152.4	143.9	136.6	130.1
-35°	224.4	210.7	197.0	184.6	172.8	162.6	153.1	145.3	138.2	131.7	126.3
-37.5°	198.9	188.9	179.4	169.5	160.7	152.4	145.3	138.8	132.6	127.6	122.4
-40°	179.1	171.5	164.5	156.8	150.3	143.9	138.2	132.6	127.8	123.2	118.4
-42.5°	163.0	157.3	152.0	146.8	141.4	136.6	131.6	127.1	122.8	118.6	114.2
-45°	149.8	146.0	142.0	138.1	133.8	129.8	125.4	121.6	117.8	113.9	109.8
-47.5°	139.4	136.6	133.5	130.7	127.4	123.7	119.9	116.3	112.7	109.0	105.7
-50°	130.7	128.8	126.6	124.3	121.3	118.0	114.4	110.7	107.5	104.4	101.1
-52.5°	123.7	122.2	120.3	118.0	115.3	112.1	108.8	105.4	102.2	99.2	95.7
-55°	117.7	116.1	114.1	111.8	109.2	106.5	103.5	100.0	96.7	93.7	89.8
-57.5°	111.4	110.0	107.7	105.7	103.8	100.8	97.6	94.3	91.2	87.9	83.7
-60°	103.5	102.2	100.4	98.4	96.5	94.0	90.8	87.9	85.5	80.8	75.9
-62.5°	94.2	93.2	91.6	89.6	87.6	85.4	82.8	79.8	76.1	72.0	67.9
-65°	83.9	82.4	80.9	79.6	78.1	76.4	73.7	70.5	67.1	63.6	59.8
-67.5°	73.5	72.2	71.1	70.0	68.6	66.7	64.1	61.2	58.1	54.6	51.3
-70°	63.8	62.8	61.7	60.4	58.9	57.1	54.8	52.0	48.9	45.8	43.5
-72.5°	54.5	53.7	52.7	51.3	49.8	47.9	45.6	43.2	40.8	38.6	36.4
-75°	45.3	44.6	43.6	42.1	40.2	38.2	36.3	34.7	33.1	31.4	29.6
-77.5°	35.6	35.0	34.2	32.7	31.2	29.7	28.2	27.0	25.8	24.6	23.2
-80°	25.7	25.3	24.8	23.9	22.9	22.0	21.1	20.2	19.2	18.2	17.1
-82.5°	17.3	16.9	16.5	16.1	15.6	15.1	14.5	13.7	12.9	11.9	11.0
-85°	10.2	10.0	9.8	9.5	9.2	8.9	8.6	8.1	7.6	7.1	6.7
-87.5°	4.1	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.2	3.1
-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: P626709 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-722-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°	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.3
85°	6.4	6.1	5.8	5.4	4.9	4.4	4.1	3.7	3.4	3.0	2.6
82.5°	10.4	10.0	9.6	9.1	8.4	7.7	6.9	6.1	5.4	4.6	4.0
80°	16.1	15.1	14.2	13.2	12.1	10.9	9.9	8.9	7.9	6.8	5.7
77.5°	21.9	20.4	18.9	17.6	16.2	14.7	13.3	11.8	10.3	9.0	7.7
75°	27.7	25.9	24.1	22.3	20.4	18.5	16.7	14.9	13.1	11.2	9.6
72.5°	34.2	31.9	29.6	27.2	25.0	22.7	20.4	18.1	16.0	13.8	11.6
70°	41.0	38.2	35.4	32.7	29.8	26.9	24.2	21.5	18.8	16.3	13.8
67.5°	48.2	45.3	42.0	38.4	35.2	31.8	28.2	25.0	21.9	18.8	16.0
65°	56.0	52.4	49.0	44.8	40.7	36.8	32.9	28.6	25.0	21.5	18.1
62.5°	63.7	59.3	55.2	50.9	46.5	42.0	37.5	32.8	28.1	24.2	20.4
60°	71.3	66.4	61.3	56.5	51.8	47.1	42.0	36.8	31.7	26.9	22.7
57.5°	78.4	73.4	67.6	61.9	56.7	51.7	46.4	40.7	35.1	29.8	24.9
55°	85.1	79.5	73.5	67.3	61.5	56.0	50.4	44.4	38.5	32.7	27.1
52.5°	91.2	85.3	78.9	72.4	66.1	60.1	54.2	48.0	41.6	35.5	29.5
50°	97.0	91.2	84.4	77.4	70.4	64.2	58.0	51.4	44.7	38.2	31.8
47.5°	102.0	96.5	89.9	82.3	74.9	68.2	61.7	54.8	47.6	40.7	34.0
45°	106.0	101.4	95.0	87.4	79.4	72.3	65.3	58.1	50.5	43.2	36.1
42.5°	109.8	105.5	99.7	92.3	84.0	76.3	68.8	61.3	53.4	45.5	38.2
40°	113.7	109.1	104.1	96.7	88.4	80.2	72.3	64.4	56.2	47.8	40.1
37.5°	117.2	112.5	107.4	100.7	92.3	83.9	75.7	67.4	58.8	50.1	42.0
35°	120.8	115.6	110.4	103.9	95.8	87.2	78.9	70.3	61.2	52.3	43.7
32.5°	124.3	118.4	112.8	106.4	98.9	90.2	81.8	72.8	63.5	54.2	45.4
30°	127.5	121.0	115.1	108.9	101.6	92.9	84.2	75.1	65.6	56.0	46.9
27.5°	130.0	123.2	117.4	111.1	103.7	95.3	86.4	77.1	67.6	57.7	48.4
25°	132.5	125.3	119.1	113.0	105.7	97.6	88.4	78.9	69.3	59.3	49.7
22.5°	135.4	127.2	120.5	114.9	107.7	99.9	90.3	80.5	70.8	60.7	50.9
20°	137.9	128.8	121.6	116.3	109.4	101.7	92.1	81.9	72.0	61.9	51.9
17.5°	140.0	130.5	123.0	117.2	110.6	103.1	93.7	83.2	73.1	63.0	52.8
15°	142.3	132.4	124.2	117.9	111.7	104.4	95.2	84.3	74.0	64.0	53.5
12.5°	144.4	133.9	125.1	118.4	112.4	105.4	96.6	85.2	74.6	64.7	54.3
10°	146.0	135.0	125.8	118.8	113.0	106.1	97.7	86.1	75.4	65.3	54.9
7.5°	147.4	135.9	126.3	119.0	113.4	106.7	98.7	87.1	76.0	65.7	55.4
5°	148.3	136.5	127.1	119.7	113.8	107.2	99.4	87.9	76.4	66.0	55.7
2.5°	149.1	137.0	127.9	120.3	114.1	107.5	99.8	88.5	76.7	66.0	55.9
0°	149.3	137.2	128.4	120.8	114.2	107.6	99.9	88.9	76.8	65.9	56.0
-2.5°	149.1	137.0	127.9	120.3	114.1	107.5	99.8	88.5	76.7	66.0	55.9
-5°	148.3	136.5	127.1	119.7	113.8	107.2	99.4	87.9	76.4	66.0	55.7
-7.5°	147.4	135.9	126.3	119.0	113.4	106.7	98.7	87.1	76.0	65.7	55.4
-10°	146.0	135.0	125.8	118.8	113.0	106.1	97.7	86.1	75.4	65.3	54.9
-12.5°	144.4	133.9	125.1	118.4	112.4	105.4	96.6	85.2	74.6	64.7	54.3
-15°	142.3	132.4	124.2	117.9	111.7	104.4	95.2	84.3	74.0	64.0	53.5
-17.5°	140.0	130.5	123.0	117.2	110.6	103.1	93.7	83.2	73.1	63.0	52.8
-20°	137.9	128.8	121.6	116.3	109.4	101.7	92.1	81.9	72.0	61.9	51.9

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Scaled Data Report



REPORT NUMBER: P626709 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	135.4	127.2	120.5	114.9	107.7	99.9	90.3	80.5	70.8	60.7	50.9
-25°	132.5	125.3	119.1	113.0	105.7	97.6	88.4	78.9	69.3	59.3	49.7
-27.5°	130.0	123.2	117.4	111.1	103.7	95.3	86.4	77.1	67.6	57.7	48.4
-30°	127.5	121.0	115.1	108.9	101.6	92.9	84.2	75.1	65.6	56.0	46.9
-32.5°	124.3	118.4	112.8	106.4	98.9	90.2	81.8	72.8	63.5	54.2	45.4
-35°	120.8	115.6	110.4	103.9	95.8	87.2	78.9	70.3	61.2	52.3	43.7
-37.5°	117.2	112.5	107.4	100.7	92.3	83.9	75.7	67.4	58.8	50.1	42.0
-40°	113.7	109.1	104.1	96.7	88.4	80.2	72.3	64.4	56.2	47.8	40.1
-42.5°	109.8	105.5	99.7	92.3	84.0	76.3	68.8	61.3	53.4	45.5	38.2
-45°	106.0	101.4	95.0	87.4	79.4	72.3	65.3	58.1	50.5	43.2	36.1
-47.5°	102.0	96.5	89.9	82.3	74.9	68.2	61.7	54.8	47.6	40.7	34.0
-50°	97.0	91.2	84.4	77.4	70.4	64.2	58.0	51.4	44.7	38.2	31.8
-52.5°	91.2	85.3	78.9	72.4	66.1	60.1	54.2	48.0	41.6	35.5	29.5
-55°	85.1	79.5	73.5	67.3	61.5	56.0	50.4	44.4	38.5	32.7	27.1
-57.5°	78.4	73.4	67.6	61.9	56.7	51.7	46.4	40.7	35.1	29.8	24.9
-60°	71.3	66.4	61.3	56.5	51.8	47.1	42.0	36.8	31.7	26.9	22.7
-62.5°	63.7	59.3	55.2	50.9	46.5	42.0	37.5	32.8	28.1	24.2	20.4
-65°	56.0	52.4	49.0	44.8	40.7	36.8	32.9	28.6	25.0	21.5	18.1
-67.5°	48.2	45.3	42.0	38.4	35.2	31.8	28.2	25.0	21.9	18.8	16.0
-70°	41.0	38.2	35.4	32.7	29.8	26.9	24.2	21.5	18.8	16.3	13.8
-72.5°	34.2	31.9	29.6	27.2	25.0	22.7	20.4	18.1	16.0	13.8	11.6
-75°	27.7	25.9	24.1	22.3	20.4	18.5	16.7	14.9	13.1	11.2	9.6
-77.5°	21.9	20.4	18.9	17.6	16.2	14.7	13.3	11.8	10.3	9.0	7.7
-80°	16.1	15.1	14.2	13.2	12.1	10.9	9.9	8.9	7.9	6.8	5.7
-82.5°	10.4	10.0	9.6	9.1	8.4	7.7	6.9	6.1	5.4	4.6	4.0
-85°	6.4	6.1	5.8	5.4	4.9	4.4	4.1	3.7	3.4	3.0	2.6
-87.5°	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.3
-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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REPORT NUMBER: P626709 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-722-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	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.3	1.9	1.5	1.1	0.8	0.3	0.0
82.5°	3.4	2.8	2.3	1.7	1.1	0.5	0.0
80°	4.6	3.8	3.0	2.3	1.5	0.7	0.0
77.5°	6.3	4.9	3.8	2.8	1.9	0.8	0.0
75°	7.9	6.2	4.6	3.4	2.3	1.0	0.0
72.5°	9.5	7.5	5.6	4.0	2.6	1.1	0.0
70°	11.1	8.8	6.6	4.5	3.0	1.3	0.0
67.5°	13.0	10.0	7.5	5.2	3.3	1.5	0.0
65°	14.8	11.4	8.5	5.9	3.6	1.6	0.0
62.5°	16.6	12.8	9.4	6.6	3.9	1.7	0.0
60°	18.3	14.3	10.3	7.2	4.2	1.9	0.0
57.5°	20.2	15.7	11.4	7.8	4.6	2.0	0.0
55°	22.0	17.0	12.5	8.4	5.0	2.2	0.0
52.5°	23.8	18.4	13.5	9.0	5.4	2.3	0.0
50°	25.6	19.8	14.5	9.6	5.8	2.4	0.0
47.5°	27.3	21.2	15.5	10.1	6.1	2.5	0.0
45°	29.1	22.6	16.5	10.8	6.5	2.6	0.0
42.5°	30.8	23.8	17.4	11.5	6.8	2.7	0.0
40°	32.5	25.1	18.3	12.2	7.1	2.8	0.0
37.5°	34.1	26.2	19.2	12.8	7.4	2.9	0.0
35°	35.6	27.4	20.0	13.4	7.7	3.0	0.0
32.5°	37.0	28.5	20.9	14.0	8.0	3.0	0.0
30°	38.3	29.6	21.6	14.5	8.3	3.1	0.0
27.5°	39.5	30.6	22.3	15.0	8.5	3.2	0.0
25°	40.6	31.5	23.0	15.4	8.7	3.2	0.0
22.5°	41.6	32.4	23.6	15.8	9.0	3.2	0.0
20°	42.5	33.1	24.2	16.2	9.1	3.3	0.0
17.5°	43.2	33.7	24.7	16.5	9.3	3.3	0.0
15°	43.8	34.2	25.1	16.8	9.5	3.3	0.0
12.5°	44.3	34.6	25.5	17.0	9.6	3.3	0.0
10°	44.7	34.9	25.8	17.2	9.7	3.3	0.0
7.5°	44.9	35.1	26.0	17.4	9.8	3.3	0.0
5°	45.1	35.2	26.2	17.5	9.9	3.3	0.0
2.5°	45.1	35.2	26.3	17.6	9.9	3.3	0.0
0°	45.0	35.1	26.3	17.6	9.9	3.3	0.0
-2.5°	45.1	35.2	26.3	17.6	9.9	3.3	0.0
-5°	45.1	35.2	26.2	17.5	9.9	3.3	0.0
-7.5°	44.9	35.1	26.0	17.4	9.8	3.3	0.0
-10°	44.7	34.9	25.8	17.2	9.7	3.3	0.0
-12.5°	44.3	34.6	25.5	17.0	9.6	3.3	0.0
-15°	43.8	34.2	25.1	16.8	9.5	3.3	0.0
-17.5°	43.2	33.7	24.7	16.5	9.3	3.3	0.0
-20°	42.5	33.1	24.2	16.2	9.1	3.3	0.0

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CATALOG NUMBER: GFLD-SA1D-722-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	41.6	32.4	23.6	15.8	9.0	3.2	0.0
-25°	40.6	31.5	23.0	15.4	8.7	3.2	0.0
-27.5°	39.5	30.6	22.3	15.0	8.5	3.2	0.0
-30°	38.3	29.6	21.6	14.5	8.3	3.1	0.0
-32.5°	37.0	28.5	20.9	14.0	8.0	3.0	0.0
-35°	35.6	27.4	20.0	13.4	7.7	3.0	0.0
-37.5°	34.1	26.2	19.2	12.8	7.4	2.9	0.0
-40°	32.5	25.1	18.3	12.2	7.1	2.8	0.0
-42.5°	30.8	23.8	17.4	11.5	6.8	2.7	0.0
-45°	29.1	22.6	16.5	10.8	6.5	2.6	0.0
-47.5°	27.3	21.2	15.5	10.1	6.1	2.5	0.0
-50°	25.6	19.8	14.5	9.6	5.8	2.4	0.0
-52.5°	23.8	18.4	13.5	9.0	5.4	2.3	0.0
-55°	22.0	17.0	12.5	8.4	5.0	2.2	0.0
-57.5°	20.2	15.7	11.4	7.8	4.6	2.0	0.0
-60°	18.3	14.3	10.3	7.2	4.2	1.9	0.0
-62.5°	16.6	12.8	9.4	6.6	3.9	1.7	0.0
-65°	14.8	11.4	8.5	5.9	3.6	1.6	0.0
-67.5°	13.0	10.0	7.5	5.2	3.3	1.5	0.0
-70°	11.1	8.8	6.6	4.5	3.0	1.3	0.0
-72.5°	9.5	7.5	5.6	4.0	2.6	1.1	0.0
-75°	7.9	6.2	4.6	3.4	2.3	1.0	0.0
-77.5°	6.3	4.9	3.8	2.8	1.9	0.8	0.0
-80°	4.6	3.8	3.0	2.3	1.5	0.7	0.0
-82.5°	3.4	2.8	2.3	1.7	1.1	0.5	0.0
-85°	2.3	1.9	1.5	1.1	0.8	0.3	0.0
-87.5°	1.1	1.0	0.8	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)