

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: P626769 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-722-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626769 (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-SA1E-722-U-NR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N7  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

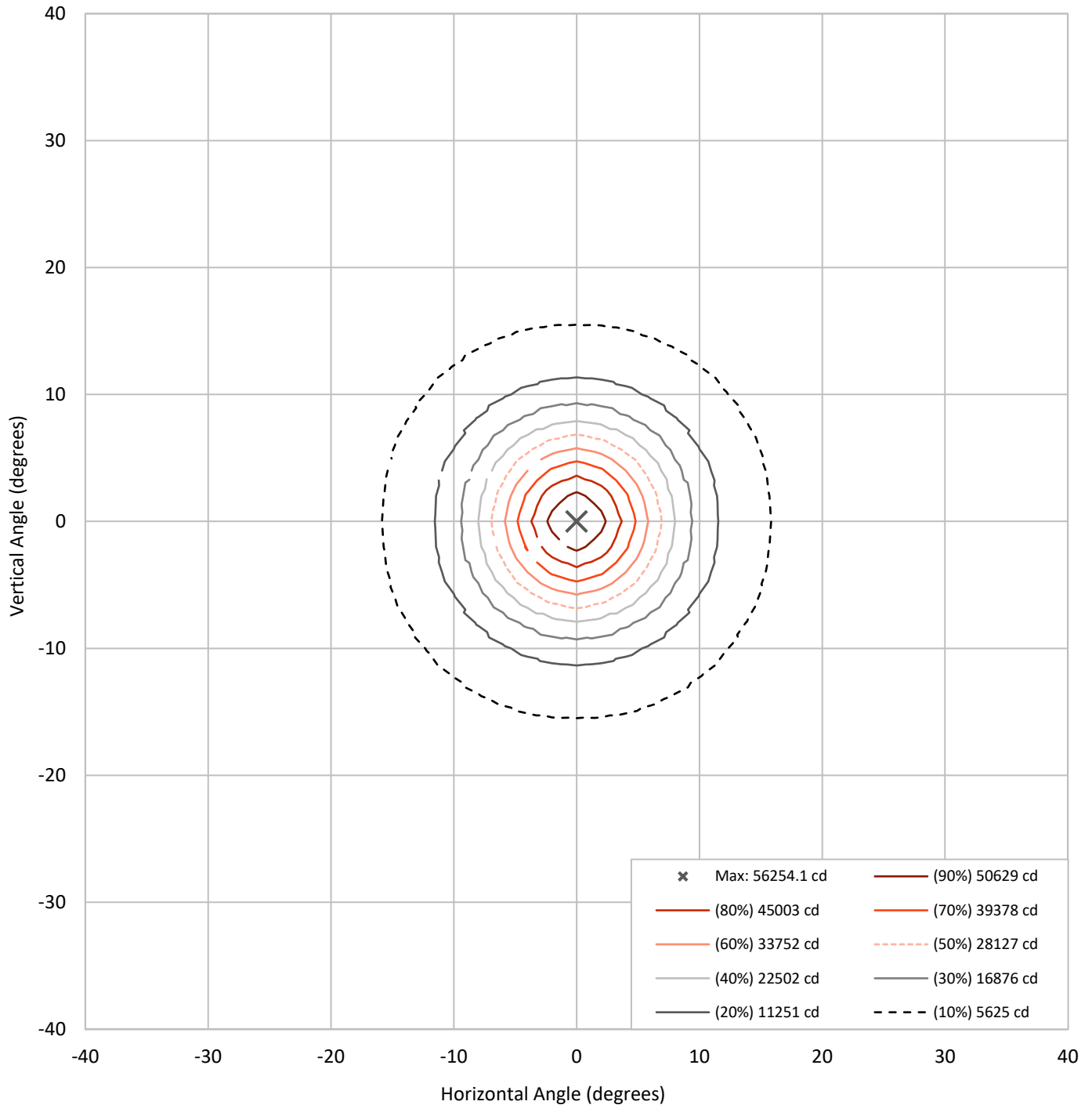
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	5973.3 lumens	Max Intensity:	56254.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.2 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:	1766.1 lumens	Field Lumens:	3974.4 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	66.2		
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





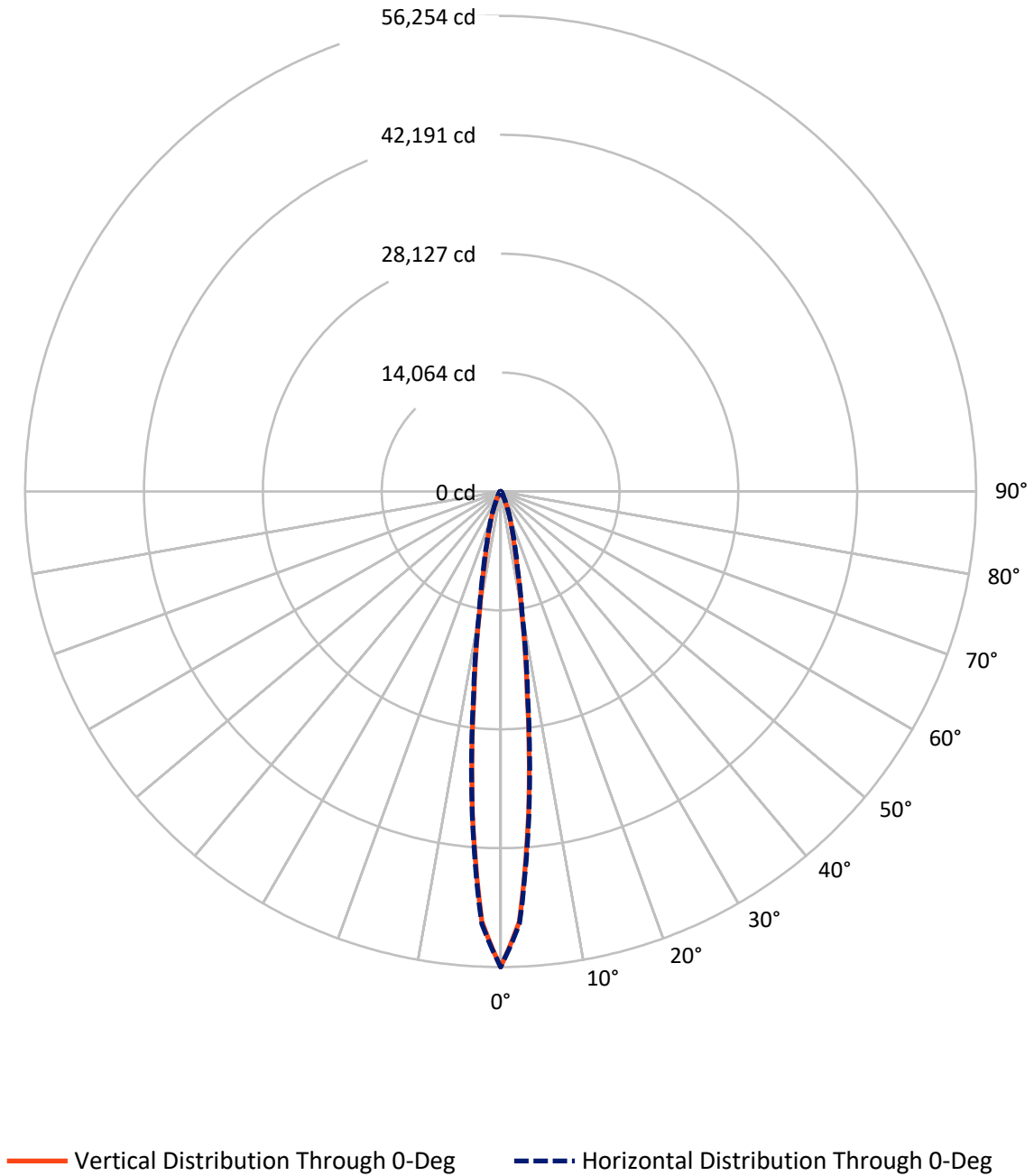
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### Lumen Table

90	0.1	0.8	2.2	3.5	3.8	3.5	2.2	0.8	0.1										
80	0.1	0.8	2.2	3.5	3.8	3.5	2.2	0.8	0.1										
70	0.4	0.4	0.9	1.4	2.0	2.5	2.8	2.9	2.9	2.8	2.5	2.0	1.4	0.9	0.4	0.4			
60		0.6	1.3	2.1	2.8	3.4	3.9	4.0	4.0	3.9	3.4	2.8	2.1	1.3	0.6				
50	0.7	0.8	1.7	2.6	3.5	4.3	5.1	5.5	5.5	5.1	4.3	3.5	2.6	1.7	0.8	0.7			
40		1.0	2.0	3.0	4.2	6.1	8.6	10.7	10.7	8.6	6.1	4.2	3.0	2.0	1.0				
30	0.8	1.1	2.2	3.4	5.5	10.9	24.9	41.1	41.1	24.9	10.9	5.5	3.4	2.2	1.1	0.8			
20		1.2	2.3	3.7	7.3	23.2	82.3	177.2	177.2	82.3	23.2	7.3	3.7	2.3	1.2				
10	0.9	1.3	2.3	4.0	8.8	38.2	178.9	772.8	772.8	178.9	38.2	8.8	4.0	2.3	1.3	0.9			
0		1.3	2.3	4.0	8.8	38.2	178.9	772.8	772.8	178.9	38.2	8.8	4.0	2.3	1.3				
-10	0.8	1.2	2.3	3.7	7.3	23.2	82.3	177.2	177.2	82.3	23.2	7.3	3.7	2.3	1.2	0.8			
-20		1.1	2.2	3.4	5.5	10.9	24.9	41.1	41.1	24.9	10.9	5.5	3.4	2.2	1.1				
-30	0.7	1.0	2.0	3.0	4.2	6.1	8.6	10.7	10.7	8.6	6.1	4.2	3.0	2.0	1.0	0.7			
-40		0.8	1.7	2.6	3.5	4.3	5.1	5.5	5.5	5.1	4.3	3.5	2.6	1.7	0.8				
-50	0.4	0.6	1.3	2.1	2.8	3.4	3.9	4.0	4.0	3.9	3.4	2.8	2.1	1.3	0.6	0.4			
-60		0.4	0.9	1.4	2.0	2.5	2.8	2.9	2.9	2.8	2.5	2.0	1.4	0.9	0.4				
-70	0.1	0.8	2.2	3.5	3.8	3.5	2.2	0.8	0.1							0.1			
-80		0.1	0.8	2.2	3.5	3.8	3.5	2.2	0.8	0.1									
-90	0.1	0.8	2.2	3.5	3.8	3.5	2.2	0.8	0.1										

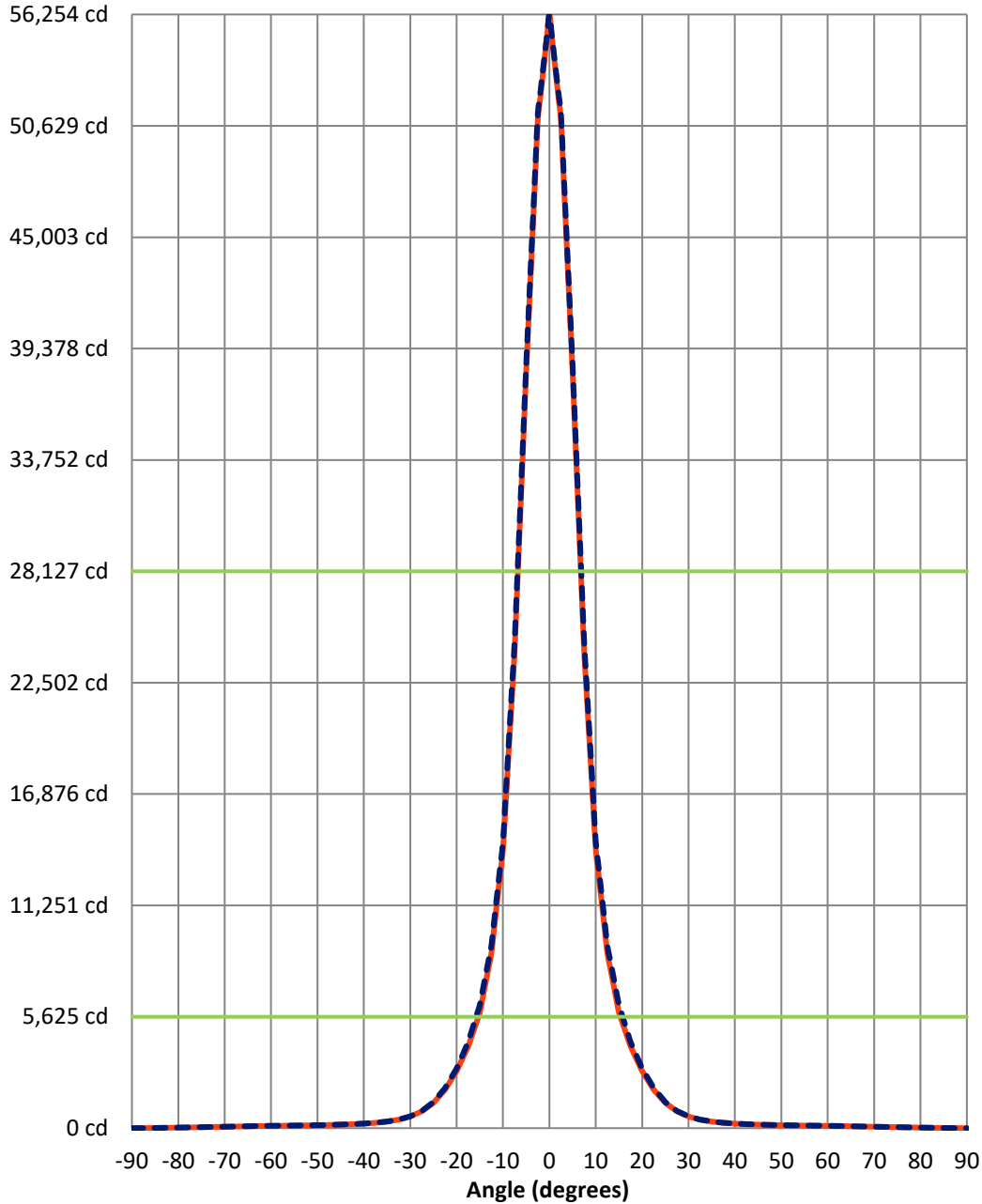
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 1766.1  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 3974.4  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 1999  
 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	1.2	1.4	1.6	1.8	2.0
85°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
82.5°	0.0	0.5	1.2	1.9	2.5	3.1	3.7	4.3	5.0	5.9	6.7
80°	0.0	0.7	1.7	2.5	3.3	4.1	5.0	6.2	7.4	8.6	9.8
77.5°	0.0	0.9	2.1	3.1	4.1	5.3	6.9	8.4	9.9	11.4	12.9
75°	0.0	1.1	2.5	3.7	5.0	6.8	8.7	10.5	12.4	14.4	16.4
72.5°	0.0	1.3	2.9	4.3	6.1	8.2	10.5	12.7	15.1	17.5	19.8
70°	0.0	1.4	3.2	4.9	7.2	9.6	12.3	15.1	17.9	20.6	23.6
67.5°	0.0	1.6	3.6	5.7	8.2	11.0	14.3	17.5	20.6	24.0	27.4
65°	0.0	1.8	4.0	6.5	9.3	12.5	16.2	19.8	23.6	27.4	31.5
62.5°	0.0	1.9	4.3	7.2	10.3	14.1	18.2	22.3	26.6	30.9	36.0
60°	0.0	2.1	4.6	7.9	11.2	15.7	20.1	24.9	29.5	34.8	40.4
57.5°	0.0	2.2	5.1	8.6	12.4	17.2	22.1	27.4	32.7	38.6	44.7
55°	0.0	2.3	5.5	9.2	13.6	18.7	24.2	29.8	35.9	42.3	48.7
52.5°	0.0	2.5	5.9	9.8	14.8	20.2	26.2	32.4	39.0	45.7	52.7
50°	0.0	2.6	6.3	10.4	15.9	21.8	28.1	34.9	41.9	49.0	56.4
47.5°	0.0	2.7	6.7	11.1	17.0	23.3	29.9	37.4	44.7	52.2	60.1
45°	0.0	2.8	7.1	11.8	18.0	24.8	32.0	39.7	47.4	55.5	63.8
42.5°	0.0	3.0	7.4	12.6	19.0	26.2	33.9	42.0	50.0	58.6	67.3
40°	0.0	3.1	7.8	13.3	20.0	27.5	35.7	44.1	52.5	61.7	70.7
37.5°	0.0	3.1	8.1	14.0	21.0	28.8	37.5	46.1	55.0	64.5	73.9
35°	0.0	3.2	8.4	14.7	22.0	30.1	39.1	48.0	57.4	67.2	77.1
32.5°	0.0	3.3	8.7	15.3	22.9	31.4	40.7	49.8	59.5	69.7	79.9
30°	0.0	3.4	9.0	15.9	23.7	32.6	42.1	51.5	61.5	72.0	82.4
27.5°	0.0	3.4	9.3	16.4	24.5	33.7	43.4	53.1	63.4	74.1	84.7
25°	0.0	3.5	9.5	16.9	25.3	34.7	44.6	54.6	65.1	76.0	86.7
22.5°	0.0	3.5	9.8	17.3	26.0	35.6	45.7	55.9	66.6	77.7	88.4
20°	0.0	3.6	10.0	17.8	26.6	36.4	46.6	57.0	68.0	79.1	90.0
17.5°	0.0	3.6	10.2	18.1	27.1	37.0	47.4	57.9	69.2	80.3	91.4
15°	0.0	3.6	10.3	18.4	27.6	37.6	48.1	58.8	70.2	81.2	92.6
12.5°	0.0	3.6	10.5	18.7	28.0	38.0	48.6	59.6	71.0	82.0	93.6
10°	0.0	3.6	10.6	18.9	28.3	38.3	49.0	60.3	71.7	82.8	94.5
7.5°	0.0	3.6	10.7	19.1	28.6	38.6	49.3	60.8	72.1	83.5	95.6
5°	0.0	3.6	10.7	19.2	28.8	38.7	49.5	61.2	72.4	84.0	96.5
2.5°	0.0	3.6	10.8	19.3	28.9	38.7	49.5	61.4	72.4	84.3	97.2
0°	0.0	3.6	10.8	19.3	28.9	38.6	49.4	61.5	72.3	84.4	97.6
-2.5°	0.0	3.6	10.8	19.3	28.9	38.7	49.5	61.4	72.4	84.3	97.2
-5°	0.0	3.6	10.7	19.2	28.8	38.7	49.5	61.2	72.4	84.0	96.5
-7.5°	0.0	3.6	10.7	19.1	28.6	38.6	49.3	60.8	72.1	83.5	95.6
-10°	0.0	3.6	10.6	18.9	28.3	38.3	49.0	60.3	71.7	82.8	94.5
-12.5°	0.0	3.6	10.5	18.7	28.0	38.0	48.6	59.6	71.0	82.0	93.6
-15°	0.0	3.6	10.3	18.4	27.6	37.6	48.1	58.8	70.2	81.2	92.6
-17.5°	0.0	3.6	10.2	18.1	27.1	37.0	47.4	57.9	69.2	80.3	91.4
-20°	0.0	3.6	10.0	17.8	26.6	36.4	46.6	57.0	68.0	79.1	90.0

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REPORT NUMBER: P626769 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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	3.5	9.8	17.3	26.0	35.6	45.7	55.9	66.6	77.7	88.4
-25°	0.0	3.5	9.5	16.9	25.3	34.7	44.6	54.6	65.1	76.0	86.7
-27.5°	0.0	3.4	9.3	16.4	24.5	33.7	43.4	53.1	63.4	74.1	84.7
-30°	0.0	3.4	9.0	15.9	23.7	32.6	42.1	51.5	61.5	72.0	82.4
-32.5°	0.0	3.3	8.7	15.3	22.9	31.4	40.7	49.8	59.5	69.7	79.9
-35°	0.0	3.2	8.4	14.7	22.0	30.1	39.1	48.0	57.4	67.2	77.1
-37.5°	0.0	3.1	8.1	14.0	21.0	28.8	37.5	46.1	55.0	64.5	73.9
-40°	0.0	3.1	7.8	13.3	20.0	27.5	35.7	44.1	52.5	61.7	70.7
-42.5°	0.0	3.0	7.4	12.6	19.0	26.2	33.9	42.0	50.0	58.6	67.3
-45°	0.0	2.8	7.1	11.8	18.0	24.8	32.0	39.7	47.4	55.5	63.8
-47.5°	0.0	2.7	6.7	11.1	17.0	23.3	29.9	37.4	44.7	52.2	60.1
-50°	0.0	2.6	6.3	10.4	15.9	21.8	28.1	34.9	41.9	49.0	56.4
-52.5°	0.0	2.5	5.9	9.8	14.8	20.2	26.2	32.4	39.0	45.7	52.7
-55°	0.0	2.3	5.5	9.2	13.6	18.7	24.2	29.8	35.9	42.3	48.7
-57.5°	0.0	2.2	5.1	8.6	12.4	17.2	22.1	27.4	32.7	38.6	44.7
-60°	0.0	2.1	4.6	7.9	11.2	15.7	20.1	24.9	29.5	34.8	40.4
-62.5°	0.0	1.9	4.3	7.2	10.3	14.1	18.2	22.3	26.6	30.9	36.0
-65°	0.0	1.8	4.0	6.5	9.3	12.5	16.2	19.8	23.6	27.4	31.5
-67.5°	0.0	1.6	3.6	5.7	8.2	11.0	14.3	17.5	20.6	24.0	27.4
-70°	0.0	1.4	3.2	4.9	7.2	9.6	12.3	15.1	17.9	20.6	23.6
-72.5°	0.0	1.3	2.9	4.3	6.1	8.2	10.5	12.7	15.1	17.5	19.8
-75°	0.0	1.1	2.5	3.7	5.0	6.8	8.7	10.5	12.4	14.4	16.4
-77.5°	0.0	0.9	2.1	3.1	4.1	5.3	6.9	8.4	9.9	11.4	12.9
-80°	0.0	0.7	1.7	2.5	3.3	4.1	5.0	6.2	7.4	8.6	9.8
-82.5°	0.0	0.5	1.2	1.9	2.5	3.1	3.7	4.3	5.0	5.9	6.7
-85°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-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°	2.2	2.4	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.7	3.8
85°	4.4	4.8	5.3	5.9	6.3	6.7	7.0	7.3	7.8	8.3	8.9
82.5°	7.6	8.4	9.2	10.0	10.6	11.0	11.4	12.0	13.1	14.1	15.0
80°	10.9	12.0	13.3	14.5	15.5	16.6	17.7	18.8	20.0	21.1	22.1
77.5°	14.6	16.2	17.7	19.3	20.8	22.4	24.0	25.5	27.0	28.3	29.7
75°	18.4	20.3	22.4	24.5	26.5	28.5	30.4	32.5	34.5	36.4	38.2
72.5°	22.3	24.9	27.4	29.8	32.5	35.1	37.6	40.0	42.4	44.8	47.4
70°	26.6	29.5	32.8	35.9	38.9	42.0	45.1	47.7	50.2	53.6	57.1
67.5°	31.0	34.9	38.6	42.2	46.1	49.7	52.9	56.3	59.9	63.8	67.2
65°	36.1	40.5	44.7	49.2	53.7	57.5	61.5	65.7	69.8	73.6	77.3
62.5°	41.3	46.1	51.0	55.9	60.6	65.1	69.9	74.5	79.0	83.5	87.5
60°	46.2	51.7	56.9	62.0	67.3	72.9	78.1	83.3	88.7	93.9	96.5
57.5°	50.9	56.8	62.2	68.0	74.1	80.5	86.0	91.9	96.5	100.1	103.6
55°	55.3	61.5	67.5	73.8	80.6	87.2	93.4	98.6	102.9	106.1	109.8
52.5°	59.5	66.0	72.5	79.5	86.7	93.7	100.2	105.1	108.9	112.3	115.7
50°	63.7	70.4	77.3	85.0	92.7	100.2	106.5	111.0	114.6	118.0	121.6
47.5°	67.7	74.8	82.2	90.4	98.7	106.0	111.9	116.0	119.7	123.7	127.6
45°	71.6	79.3	87.2	95.9	104.3	111.3	116.4	120.5	125.0	129.4	133.5
42.5°	75.5	83.8	92.3	101.4	109.5	115.8	120.5	125.4	130.3	134.9	139.6
40°	79.4	88.1	97.1	106.1	114.3	119.7	124.8	130.0	135.3	140.3	145.5
37.5°	83.1	92.1	101.4	110.6	117.9	123.4	128.7	134.5	140.1	145.5	152.4
35°	86.7	95.8	105.1	114.0	121.1	126.8	132.7	138.7	144.6	151.8	159.5
32.5°	89.8	99.1	108.6	116.8	123.8	130.0	136.5	142.8	149.9	158.0	167.3
30°	92.5	102.0	111.5	119.5	126.4	132.9	140.0	146.9	155.3	164.9	176.0
27.5°	94.8	104.6	113.8	121.9	128.9	135.3	142.8	151.6	161.1	172.0	184.9
25°	97.0	107.2	116.0	124.1	130.8	137.5	145.5	155.3	166.8	179.8	195.7
22.5°	99.1	109.7	118.2	126.1	132.3	139.6	148.6	159.3	171.7	187.0	206.4
20°	101.1	111.6	120.0	127.7	133.5	141.4	151.4	162.7	176.9	195.1	217.5
17.5°	102.9	113.2	121.4	128.6	135.0	143.3	153.8	165.5	181.4	202.5	227.7
15°	104.6	114.6	122.6	129.4	136.3	145.4	156.3	169.0	186.3	209.5	236.7
12.5°	106.0	115.7	123.4	130.0	137.4	147.0	158.5	172.6	191.6	216.4	248.2
10°	107.3	116.5	124.0	130.4	138.2	148.3	160.4	175.5	195.9	221.7	257.1
7.5°	108.4	117.2	124.4	130.6	138.7	149.2	161.8	177.8	198.8	225.5	263.4
5°	109.1	117.7	124.9	131.4	139.5	149.9	162.8	179.3	200.6	227.8	267.4
2.5°	109.6	118.0	125.2	132.1	140.4	150.5	163.6	181.0	202.0	230.0	270.5
0°	109.7	118.1	125.3	132.6	141.0	150.7	163.9	182.0	202.5	231.4	272.4
-2.5°	109.6	118.0	125.2	132.1	140.4	150.5	163.6	181.0	202.0	230.0	270.5
-5°	109.1	117.7	124.9	131.4	139.5	149.9	162.8	179.3	200.6	227.8	267.4
-7.5°	108.4	117.2	124.4	130.6	138.7	149.2	161.8	177.8	198.8	225.5	263.4
-10°	107.3	116.5	124.0	130.4	138.2	148.3	160.4	175.5	195.9	221.7	257.1
-12.5°	106.0	115.7	123.4	130.0	137.4	147.0	158.5	172.6	191.6	216.4	248.2
-15°	104.6	114.6	122.6	129.4	136.3	145.4	156.3	169.0	186.3	209.5	236.7
-17.5°	102.9	113.2	121.4	128.6	135.0	143.3	153.8	165.5	181.4	202.5	227.7
-20°	101.1	111.6	120.0	127.7	133.5	141.4	151.4	162.7	176.9	195.1	217.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626769 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	99.1	109.7	118.2	126.1	132.3	139.6	148.6	159.3	171.7	187.0	206.4
-25°	97.0	107.2	116.0	124.1	130.8	137.5	145.5	155.3	166.8	179.8	195.7
-27.5°	94.8	104.6	113.8	121.9	128.9	135.3	142.8	151.6	161.1	172.0	184.9
-30°	92.5	102.0	111.5	119.5	126.4	132.9	140.0	146.9	155.3	164.9	176.0
-32.5°	89.8	99.1	108.6	116.8	123.8	130.0	136.5	142.8	149.9	158.0	167.3
-35°	86.7	95.8	105.1	114.0	121.1	126.8	132.7	138.7	144.6	151.8	159.5
-37.5°	83.1	92.1	101.4	110.6	117.9	123.4	128.7	134.5	140.1	145.5	152.4
-40°	79.4	88.1	97.1	106.1	114.3	119.7	124.8	130.0	135.3	140.3	145.5
-42.5°	75.5	83.8	92.3	101.4	109.5	115.8	120.5	125.4	130.3	134.9	139.6
-45°	71.6	79.3	87.2	95.9	104.3	111.3	116.4	120.5	125.0	129.4	133.5
-47.5°	67.7	74.8	82.2	90.4	98.7	106.0	111.9	116.0	119.7	123.7	127.6
-50°	63.7	70.4	77.3	85.0	92.7	100.2	106.5	111.0	114.6	118.0	121.6
-52.5°	59.5	66.0	72.5	79.5	86.7	93.7	100.2	105.1	108.9	112.3	115.7
-55°	55.3	61.5	67.5	73.8	80.6	87.2	93.4	98.6	102.9	106.1	109.8
-57.5°	50.9	56.8	62.2	68.0	74.1	80.5	86.0	91.9	96.5	100.1	103.6
-60°	46.2	51.7	56.9	62.0	67.3	72.9	78.1	83.3	88.7	93.9	96.5
-62.5°	41.3	46.1	51.0	55.9	60.6	65.1	69.9	74.5	79.0	83.5	87.5
-65°	36.1	40.5	44.7	49.2	53.7	57.5	61.5	65.7	69.8	73.6	77.3
-67.5°	31.0	34.9	38.6	42.2	46.1	49.7	52.9	56.3	59.9	63.8	67.2
-70°	26.6	29.5	32.8	35.9	38.9	42.0	45.1	47.7	50.2	53.6	57.1
-72.5°	22.3	24.9	27.4	29.8	32.5	35.1	37.6	40.0	42.4	44.8	47.4
-75°	18.4	20.3	22.4	24.5	26.5	28.5	30.4	32.5	34.5	36.4	38.2
-77.5°	14.6	16.2	17.7	19.3	20.8	22.4	24.0	25.5	27.0	28.3	29.7
-80°	10.9	12.0	13.3	14.5	15.5	16.6	17.7	18.8	20.0	21.1	22.1
-82.5°	7.6	8.4	9.2	10.0	10.6	11.0	11.4	12.0	13.1	14.1	15.0
-85°	4.4	4.8	5.3	5.9	6.3	6.7	7.0	7.3	7.8	8.3	8.9
-87.5°	2.2	2.4	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.7	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: P626769 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	3.9	4.0	4.2	4.3	4.4	4.4	4.5	4.6	4.6	4.4	4.1
85°	9.4	9.8	10.1	10.4	10.7	11.0	11.2	11.4	11.6	11.4	11.2
82.5°	15.9	16.5	17.1	17.6	18.1	18.6	19.0	19.3	19.6	19.6	19.5
80°	23.1	24.1	25.2	26.2	27.2	27.8	28.2	28.6	28.8	28.9	28.9
77.5°	31.0	32.6	34.3	35.9	37.6	38.5	39.2	39.7	40.1	40.2	40.2
75°	39.9	41.9	44.2	46.2	47.9	49.0	49.7	50.3	50.8	50.9	50.9
72.5°	50.1	52.6	54.6	56.3	57.8	58.9	59.9	60.7	61.3	61.6	61.6
70°	60.1	62.7	64.6	66.3	67.8	68.9	70.0	71.0	71.7	72.3	72.7
67.5°	70.4	73.2	75.2	76.7	78.0	79.2	80.7	82.0	83.0	83.8	84.1
65°	80.8	83.8	85.7	87.4	88.9	90.5	92.1	93.3	94.1	94.6	94.9
62.5°	91.0	93.8	96.2	98.4	100.5	102.3	103.4	104.5	105.3	106.1	106.6
60°	99.7	103.3	105.9	108.1	110.2	112.2	113.6	114.7	115.5	116.1	116.5
57.5°	107.1	110.7	113.9	116.0	118.3	120.7	122.3	123.2	124.1	124.8	125.1
55°	113.6	116.9	119.9	122.7	125.3	127.5	129.2	130.4	131.5	132.3	132.6
52.5°	119.4	123.1	126.6	129.6	132.1	134.2	135.8	137.4	138.5	139.3	139.7
50°	125.6	129.5	133.2	136.5	139.1	141.4	143.5	145.3	147.1	148.4	149.4
47.5°	131.7	135.8	139.9	143.5	146.6	150.0	153.1	155.7	158.2	160.2	161.6
45°	137.8	142.5	146.9	151.7	155.9	160.3	164.4	168.0	171.6	174.4	176.3
42.5°	144.5	149.9	155.3	161.1	166.8	172.6	178.9	184.5	188.8	192.9	196.2
40°	151.8	158.0	164.9	172.1	180.5	188.2	196.6	203.8	210.4	217.3	222.8
37.5°	159.5	167.3	176.4	186.0	196.9	207.4	218.4	229.2	238.6	249.7	258.2
35°	168.0	178.4	189.7	202.7	216.3	231.3	246.3	263.6	278.6	295.0	309.4
32.5°	178.1	190.5	205.3	222.5	240.0	262.7	283.9	311.6	335.5	361.6	387.9
30°	188.6	204.8	223.9	245.5	273.2	304.5	339.3	380.4	422.9	463.9	513.3
27.5°	201.5	221.0	244.1	275.7	316.5	358.8	418.7	480.5	558.4	622.8	713.7
25°	214.9	237.8	270.7	313.6	366.9	440.3	531.3	629.9	767.0	887.5	1028.8
22.5°	229.4	260.5	301.4	354.3	435.1	547.8	685.6	871.3	1073.5	1288.2	1501.7
20°	244.6	282.2	335.8	412.5	523.4	676.0	912.5	1199.2	1488.1	1842.3	2156.0
17.5°	262.3	310.1	376.1	472.0	620.0	853.7	1181.9	1582.1	2030.3	2539.6	2991.8
15°	276.9	333.9	417.3	551.5	754.9	1055.1	1469.0	2019.5	2693.0	3377.0	4071.0
12.5°	294.0	359.9	457.8	617.8	873.3	1272.2	1835.5	2532.4	3373.5	4322.3	5440.8
10°	309.1	385.4	507.1	705.2	1017.4	1498.7	2182.3	3020.7	4106.1	5471.3	7203.4
7.5°	320.3	405.7	545.1	771.6	1141.9	1716.4	2510.0	3555.5	4934.7	6737.3	9114.5
5°	327.6	420.4	572.0	823.0	1239.5	1878.4	2750.2	3934.7	5598.6	8148.2	12173.6
2.5°	332.0	429.1	587.4	853.1	1298.8	1985.8	2932.9	4221.5	6029.0	9020.1	14141.2
0°	333.9	431.5	596.6	869.0	1318.5	2027.2	3016.8	4352.2	6221.5	9223.8	14487.2
-2.5°	332.0	429.1	587.4	853.1	1298.8	1985.8	2932.9	4221.5	6029.0	9020.1	14141.2
-5°	327.6	420.4	572.0	823.0	1239.5	1878.4	2750.2	3934.7	5598.6	8148.2	12173.6
-7.5°	320.3	405.7	545.1	771.6	1141.9	1716.4	2510.0	3555.5	4934.7	6737.3	9114.5
-10°	309.1	385.4	507.1	705.2	1017.4	1498.7	2182.3	3020.7	4106.1	5471.3	7203.4
-12.5°	294.0	359.9	457.8	617.8	873.3	1272.2	1835.5	2532.4	3373.5	4322.3	5440.8
-15°	276.9	333.9	417.3	551.5	754.9	1055.1	1469.0	2019.5	2693.0	3377.0	4071.0
-17.5°	262.3	310.1	376.1	472.0	620.0	853.7	1181.9	1582.1	2030.3	2539.6	2991.8
-20°	244.6	282.2	335.8	412.5	523.4	676.0	912.5	1199.2	1488.1	1842.3	2156.0

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626769 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	229.4	260.5	301.4	354.3	435.1	547.8	685.6	871.3	1073.5	1288.2	1501.7
-25°	214.9	237.8	270.7	313.6	366.9	440.3	531.3	629.9	767.0	887.5	1028.8
-27.5°	201.5	221.0	244.1	275.7	316.5	358.8	418.7	480.5	558.4	622.8	713.7
-30°	188.6	204.8	223.9	245.5	273.2	304.5	339.3	380.4	422.9	463.9	513.3
-32.5°	178.1	190.5	205.3	222.5	240.0	262.7	283.9	311.6	335.5	361.6	387.9
-35°	168.0	178.4	189.7	202.7	216.3	231.3	246.3	263.6	278.6	295.0	309.4
-37.5°	159.5	167.3	176.4	186.0	196.9	207.4	218.4	229.2	238.6	249.7	258.2
-40°	151.8	158.0	164.9	172.1	180.5	188.2	196.6	203.8	210.4	217.3	222.8
-42.5°	144.5	149.9	155.3	161.1	166.8	172.6	178.9	184.5	188.8	192.9	196.2
-45°	137.8	142.5	146.9	151.7	155.9	160.3	164.4	168.0	171.6	174.4	176.3
-47.5°	131.7	135.8	139.9	143.5	146.6	150.0	153.1	155.7	158.2	160.2	161.6
-50°	125.6	129.5	133.2	136.5	139.1	141.4	143.5	145.3	147.1	148.4	149.4
-52.5°	119.4	123.1	126.6	129.6	132.1	134.2	135.8	137.4	138.5	139.3	139.7
-55°	113.6	116.9	119.9	122.7	125.3	127.5	129.2	130.4	131.5	132.3	132.6
-57.5°	107.1	110.7	113.9	116.0	118.3	120.7	122.3	123.2	124.1	124.8	125.1
-60°	99.7	103.3	105.9	108.1	110.2	112.2	113.6	114.7	115.5	116.1	116.5
-62.5°	91.0	93.8	96.2	98.4	100.5	102.3	103.4	104.5	105.3	106.1	106.6
-65°	80.8	83.8	85.7	87.4	88.9	90.5	92.1	93.3	94.1	94.6	94.9
-67.5°	70.4	73.2	75.2	76.7	78.0	79.2	80.7	82.0	83.0	83.8	84.1
-70°	60.1	62.7	64.6	66.3	67.8	68.9	70.0	71.0	71.7	72.3	72.7
-72.5°	50.1	52.6	54.6	56.3	57.8	58.9	59.9	60.7	61.3	61.6	61.6
-75°	39.9	41.9	44.2	46.2	47.9	49.0	49.7	50.3	50.8	50.9	50.9
-77.5°	31.0	32.6	34.3	35.9	37.6	38.5	39.2	39.7	40.1	40.2	40.2
-80°	23.1	24.1	25.2	26.2	27.2	27.8	28.2	28.6	28.8	28.9	28.9
-82.5°	15.9	16.5	17.1	17.6	18.1	18.6	19.0	19.3	19.6	19.6	19.5
-85°	9.4	9.8	10.1	10.4	10.7	11.0	11.2	11.4	11.6	11.4	11.2
-87.5°	3.9	4.0	4.2	4.3	4.4	4.4	4.5	4.6	4.6	4.4	4.1
-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: P626769 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-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°	3.9	3.6	3.6	3.6	3.6	3.6	3.9	4.1	4.4	4.6	4.6
85°	11.0	10.7	10.8	10.8	10.8	10.7	11.0	11.2	11.4	11.6	11.4
82.5°	19.4	19.2	19.3	19.3	19.3	19.2	19.4	19.5	19.6	19.6	19.3
80°	28.9	28.8	28.3	27.7	28.3	28.8	28.9	28.9	28.9	28.8	28.6
77.5°	40.0	39.6	39.2	38.6	39.2	39.6	40.0	40.2	40.2	40.1	39.7
75°	50.7	50.4	50.5	50.6	50.5	50.4	50.7	50.9	50.9	50.8	50.3
72.5°	61.5	61.3	61.4	61.5	61.4	61.3	61.5	61.6	61.6	61.3	60.7
70°	73.0	73.2	72.8	72.3	72.8	73.2	73.0	72.7	72.3	71.7	71.0
67.5°	84.2	84.1	83.8	83.2	83.8	84.1	84.2	84.1	83.8	83.0	82.0
65°	95.0	94.9	95.1	95.2	95.1	94.9	95.0	94.9	94.6	94.1	93.3
62.5°	106.9	106.9	106.6	106.1	106.6	106.9	106.9	106.6	106.1	105.3	104.5
60°	116.7	116.6	116.3	115.7	116.3	116.6	116.7	116.5	116.1	115.5	114.7
57.5°	125.2	125.1	124.7	124.1	124.7	125.1	125.2	125.1	124.8	124.1	123.2
55°	132.6	132.4	132.0	131.4	132.0	132.4	132.6	132.6	132.3	131.5	130.4
52.5°	139.8	139.6	139.7	139.8	139.7	139.6	139.8	139.7	139.3	138.5	137.4
50°	150.1	150.3	150.1	149.5	150.1	150.3	150.1	149.4	148.4	147.1	145.3
47.5°	162.3	162.4	162.1	161.5	162.1	162.4	162.3	161.6	160.2	158.2	155.7
45°	177.8	178.6	178.9	178.4	178.9	178.6	177.8	176.3	174.4	171.6	168.0
42.5°	198.7	200.1	200.5	200.1	200.5	200.1	198.7	196.2	192.9	188.8	184.5
40°	226.1	227.7	228.0	227.8	228.0	227.7	226.1	222.8	217.3	210.4	203.8
37.5°	264.2	268.0	269.8	270.0	269.8	268.0	264.2	258.2	249.7	238.6	229.2
35°	320.3	327.9	331.9	333.9	331.9	327.9	320.3	309.4	295.0	278.6	263.6
32.5°	407.8	422.9	431.3	430.3	431.3	422.9	407.8	387.9	361.6	335.5	311.6
30°	550.6	577.1	590.5	587.0	590.5	577.1	550.6	513.3	463.9	422.9	380.4
27.5°	778.9	826.9	854.6	850.9	854.6	826.9	778.9	713.7	622.8	558.4	480.5
25°	1146.9	1234.3	1290.2	1276.4	1290.2	1234.3	1146.9	1028.8	887.5	767.0	629.9
22.5°	1706.5	1854.5	1952.6	1940.5	1952.6	1854.5	1706.5	1501.7	1288.2	1073.5	871.3
20°	2474.1	2699.5	2860.4	2881.8	2860.4	2699.5	2474.1	2156.0	1842.3	1488.1	1199.2
17.5°	3480.3	3837.7	4086.5	4128.0	4086.5	3837.7	3480.3	2991.8	2539.6	2030.3	1582.1
15°	4788.0	5372.2	5795.0	5829.8	5795.0	5372.2	4788.0	4071.0	3377.0	2693.0	2019.5
12.5°	6563.7	7738.6	8505.4	8843.0	8505.4	7738.6	6563.7	5440.8	4322.3	3373.5	2532.4
10°	9021.1	11719.8	13448.2	14097.9	13448.2	11719.8	9021.1	7203.4	5471.3	4106.1	3020.7
7.5°	13125.8	17362.8	22073.3	24081.0	22073.3	17362.8	13125.8	9114.5	6737.3	4934.7	3555.5
5°	17774.0	26567.6	34931.9	38198.2	34931.9	26567.6	17774.0	12173.6	8148.2	5598.6	3934.7
2.5°	22665.1	34922.1	46407.9	50899.8	46407.9	34922.1	22665.1	14141.2	9020.1	6029.0	4221.5
0°	24575.2	38580.2	51217.3	56254.1	51217.3	38580.2	24575.2	14487.2	9223.8	6221.5	4352.2
-2.5°	22665.1	34922.1	46407.9	50899.8	46407.9	34922.1	22665.1	14141.2	9020.1	6029.0	4221.5
-5°	17774.0	26567.6	34931.9	38198.2	34931.9	26567.6	17774.0	12173.6	8148.2	5598.6	3934.7
-7.5°	13125.8	17362.8	22073.3	24081.0	22073.3	17362.8	13125.8	9114.5	6737.3	4934.7	3555.5
-10°	9021.1	11719.8	13448.2	14097.9	13448.2	11719.8	9021.1	7203.4	5471.3	4106.1	3020.7
-12.5°	6563.7	7738.6	8505.4	8843.0	8505.4	7738.6	6563.7	5440.8	4322.3	3373.5	2532.4
-15°	4788.0	5372.2	5795.0	5829.8	5795.0	5372.2	4788.0	4071.0	3377.0	2693.0	2019.5
-17.5°	3480.3	3837.7	4086.5	4128.0	4086.5	3837.7	3480.3	2991.8	2539.6	2030.3	1582.1
-20°	2474.1	2699.5	2860.4	2881.8	2860.4	2699.5	2474.1	2156.0	1842.3	1488.1	1199.2



REPORT NUMBER: P626769 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-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°	1706.5	1854.5	1952.6	1940.5	1952.6	1854.5	1706.5	1501.7	1288.2	1073.5	871.3
-25°	1146.9	1234.3	1290.2	1276.4	1290.2	1234.3	1146.9	1028.8	887.5	767.0	629.9
-27.5°	778.9	826.9	854.6	850.9	854.6	826.9	778.9	713.7	622.8	558.4	480.5
-30°	550.6	577.1	590.5	587.0	590.5	577.1	550.6	513.3	463.9	422.9	380.4
-32.5°	407.8	422.9	431.3	430.3	431.3	422.9	407.8	387.9	361.6	335.5	311.6
-35°	320.3	327.9	331.9	333.9	331.9	327.9	320.3	309.4	295.0	278.6	263.6
-37.5°	264.2	268.0	269.8	270.0	269.8	268.0	264.2	258.2	249.7	238.6	229.2
-40°	226.1	227.7	228.0	227.8	228.0	227.7	226.1	222.8	217.3	210.4	203.8
-42.5°	198.7	200.1	200.5	200.1	200.5	200.1	198.7	196.2	192.9	188.8	184.5
-45°	177.8	178.6	178.9	178.4	178.9	178.6	177.8	176.3	174.4	171.6	168.0
-47.5°	162.3	162.4	162.1	161.5	162.1	162.4	162.3	161.6	160.2	158.2	155.7
-50°	150.1	150.3	150.1	149.5	150.1	150.3	150.1	149.4	148.4	147.1	145.3
-52.5°	139.8	139.6	139.7	139.8	139.7	139.6	139.8	139.7	139.3	138.5	137.4
-55°	132.6	132.4	132.0	131.4	132.0	132.4	132.6	132.6	132.3	131.5	130.4
-57.5°	125.2	125.1	124.7	124.1	124.7	125.1	125.2	125.1	124.8	124.1	123.2
-60°	116.7	116.6	116.3	115.7	116.3	116.6	116.7	116.5	116.1	115.5	114.7
-62.5°	106.9	106.9	106.6	106.1	106.6	106.9	106.9	106.6	106.1	105.3	104.5
-65°	95.0	94.9	95.1	95.2	95.1	94.9	95.0	94.9	94.6	94.1	93.3
-67.5°	84.2	84.1	83.8	83.2	83.8	84.1	84.2	84.1	83.8	83.0	82.0
-70°	73.0	73.2	72.8	72.3	72.8	73.2	73.0	72.7	72.3	71.7	71.0
-72.5°	61.5	61.3	61.4	61.5	61.4	61.3	61.5	61.6	61.6	61.3	60.7
-75°	50.7	50.4	50.5	50.6	50.5	50.4	50.7	50.9	50.9	50.8	50.3
-77.5°	40.0	39.6	39.2	38.6	39.2	39.6	40.0	40.2	40.2	40.1	39.7
-80°	28.9	28.8	28.3	27.7	28.3	28.8	28.9	28.9	28.9	28.8	28.6
-82.5°	19.4	19.2	19.3	19.3	19.3	19.2	19.4	19.5	19.6	19.6	19.3
-85°	11.0	10.7	10.8	10.8	10.8	10.7	11.0	11.2	11.4	11.6	11.4
-87.5°	3.9	3.6	3.6	3.6	3.6	3.6	3.9	4.1	4.4	4.6	4.6
-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: P626769 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	4.5	4.4	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.5	3.4
85°	11.2	11.0	10.7	10.4	10.1	9.8	9.4	8.9	8.3	7.8	7.3
82.5°	19.0	18.6	18.1	17.6	17.1	16.5	15.9	15.0	14.1	13.1	12.0
80°	28.2	27.8	27.2	26.2	25.2	24.1	23.1	22.1	21.1	20.0	18.8
77.5°	39.2	38.5	37.6	35.9	34.3	32.6	31.0	29.7	28.3	27.0	25.5
75°	49.7	49.0	47.9	46.2	44.2	41.9	39.9	38.2	36.4	34.5	32.5
72.5°	59.9	58.9	57.8	56.3	54.6	52.6	50.1	47.4	44.8	42.4	40.0
70°	70.0	68.9	67.8	66.3	64.6	62.7	60.1	57.1	53.6	50.2	47.7
67.5°	80.7	79.2	78.0	76.7	75.2	73.2	70.4	67.2	63.8	59.9	56.3
65°	92.1	90.5	88.9	87.4	85.7	83.8	80.8	77.3	73.6	69.8	65.7
62.5°	103.4	102.3	100.5	98.4	96.2	93.8	91.0	87.5	83.5	79.0	74.5
60°	113.6	112.2	110.2	108.1	105.9	103.3	99.7	96.5	93.9	88.7	83.3
57.5°	122.3	120.7	118.3	116.0	113.9	110.7	107.1	103.6	100.1	96.5	91.9
55°	129.2	127.5	125.3	122.7	119.9	116.9	113.6	109.8	106.1	102.9	98.6
52.5°	135.8	134.2	132.1	129.6	126.6	123.1	119.4	115.7	112.3	108.9	105.1
50°	143.5	141.4	139.1	136.5	133.2	129.5	125.6	121.6	118.0	114.6	111.0
47.5°	153.1	150.0	146.6	143.5	139.9	135.8	131.7	127.6	123.7	119.7	116.0
45°	164.4	160.3	155.9	151.7	146.9	142.5	137.8	133.5	129.4	125.0	120.5
42.5°	178.9	172.6	166.8	161.1	155.3	149.9	144.5	139.6	134.9	130.3	125.4
40°	196.6	188.2	180.5	172.1	164.9	158.0	151.8	145.5	140.3	135.3	130.0
37.5°	218.4	207.4	196.9	186.0	176.4	167.3	159.5	152.4	145.5	140.1	134.5
35°	246.3	231.3	216.3	202.7	189.7	178.4	168.0	159.5	151.8	144.6	138.7
32.5°	283.9	262.7	240.0	222.5	205.3	190.5	178.1	167.3	158.0	149.9	142.8
30°	339.3	304.5	273.2	245.5	223.9	204.8	188.6	176.0	164.9	155.3	146.9
27.5°	418.7	358.8	316.5	275.7	244.1	221.0	201.5	184.9	172.0	161.1	151.6
25°	531.3	440.3	366.9	313.6	270.7	237.8	214.9	195.7	179.8	166.8	155.3
22.5°	685.6	547.8	435.1	354.3	301.4	260.5	229.4	206.4	187.0	171.7	159.3
20°	912.5	676.0	523.4	412.5	335.8	282.2	244.6	217.5	195.1	176.9	162.7
17.5°	1181.9	853.7	620.0	472.0	376.1	310.1	262.3	227.7	202.5	181.4	165.5
15°	1469.0	1055.1	754.9	551.5	417.3	333.9	276.9	236.7	209.5	186.3	169.0
12.5°	1835.5	1272.2	873.3	617.8	457.8	359.9	294.0	248.2	216.4	191.6	172.6
10°	2182.3	1498.7	1017.4	705.2	507.1	385.4	309.1	257.1	221.7	195.9	175.5
7.5°	2510.0	1716.4	1141.9	771.6	545.1	405.7	320.3	263.4	225.5	198.8	177.8
5°	2750.2	1878.4	1239.5	823.0	572.0	420.4	327.6	267.4	227.8	200.6	179.3
2.5°	2932.9	1985.8	1298.8	853.1	587.4	429.1	332.0	270.5	230.0	202.0	181.0
0°	3016.8	2027.2	1318.5	869.0	596.6	431.5	333.9	272.4	231.4	202.5	182.0
-2.5°	2932.9	1985.8	1298.8	853.1	587.4	429.1	332.0	270.5	230.0	202.0	181.0
-5°	2750.2	1878.4	1239.5	823.0	572.0	420.4	327.6	267.4	227.8	200.6	179.3
-7.5°	2510.0	1716.4	1141.9	771.6	545.1	405.7	320.3	263.4	225.5	198.8	177.8
-10°	2182.3	1498.7	1017.4	705.2	507.1	385.4	309.1	257.1	221.7	195.9	175.5
-12.5°	1835.5	1272.2	873.3	617.8	457.8	359.9	294.0	248.2	216.4	191.6	172.6
-15°	1469.0	1055.1	754.9	551.5	417.3	333.9	276.9	236.7	209.5	186.3	169.0
-17.5°	1181.9	853.7	620.0	472.0	376.1	310.1	262.3	227.7	202.5	181.4	165.5
-20°	912.5	676.0	523.4	412.5	335.8	282.2	244.6	217.5	195.1	176.9	162.7



Classified

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

Scaled Data Report



REPORT NUMBER: P626769 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	685.6	547.8	435.1	354.3	301.4	260.5	229.4	206.4	187.0	171.7	159.3
-25°	531.3	440.3	366.9	313.6	270.7	237.8	214.9	195.7	179.8	166.8	155.3
-27.5°	418.7	358.8	316.5	275.7	244.1	221.0	201.5	184.9	172.0	161.1	151.6
-30°	339.3	304.5	273.2	245.5	223.9	204.8	188.6	176.0	164.9	155.3	146.9
-32.5°	283.9	262.7	240.0	222.5	205.3	190.5	178.1	167.3	158.0	149.9	142.8
-35°	246.3	231.3	216.3	202.7	189.7	178.4	168.0	159.5	151.8	144.6	138.7
-37.5°	218.4	207.4	196.9	186.0	176.4	167.3	159.5	152.4	145.5	140.1	134.5
-40°	196.6	188.2	180.5	172.1	164.9	158.0	151.8	145.5	140.3	135.3	130.0
-42.5°	178.9	172.6	166.8	161.1	155.3	149.9	144.5	139.6	134.9	130.3	125.4
-45°	164.4	160.3	155.9	151.7	146.9	142.5	137.8	133.5	129.4	125.0	120.5
-47.5°	153.1	150.0	146.6	143.5	139.9	135.8	131.7	127.6	123.7	119.7	116.0
-50°	143.5	141.4	139.1	136.5	133.2	129.5	125.6	121.6	118.0	114.6	111.0
-52.5°	135.8	134.2	132.1	129.6	126.6	123.1	119.4	115.7	112.3	108.9	105.1
-55°	129.2	127.5	125.3	122.7	119.9	116.9	113.6	109.8	106.1	102.9	98.6
-57.5°	122.3	120.7	118.3	116.0	113.9	110.7	107.1	103.6	100.1	96.5	91.9
-60°	113.6	112.2	110.2	108.1	105.9	103.3	99.7	96.5	93.9	88.7	83.3
-62.5°	103.4	102.3	100.5	98.4	96.2	93.8	91.0	87.5	83.5	79.0	74.5
-65°	92.1	90.5	88.9	87.4	85.7	83.8	80.8	77.3	73.6	69.8	65.7
-67.5°	80.7	79.2	78.0	76.7	75.2	73.2	70.4	67.2	63.8	59.9	56.3
-70°	70.0	68.9	67.8	66.3	64.6	62.7	60.1	57.1	53.6	50.2	47.7
-72.5°	59.9	58.9	57.8	56.3	54.6	52.6	50.1	47.4	44.8	42.4	40.0
-75°	49.7	49.0	47.9	46.2	44.2	41.9	39.9	38.2	36.4	34.5	32.5
-77.5°	39.2	38.5	37.6	35.9	34.3	32.6	31.0	29.7	28.3	27.0	25.5
-80°	28.2	27.8	27.2	26.2	25.2	24.1	23.1	22.1	21.1	20.0	18.8
-82.5°	19.0	18.6	18.1	17.6	17.1	16.5	15.9	15.0	14.1	13.1	12.0
-85°	11.2	11.0	10.7	10.4	10.1	9.8	9.4	8.9	8.3	7.8	7.3
-87.5°	4.5	4.4	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.5	3.4
-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: P626769 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-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°	3.2	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4
85°	7.0	6.7	6.3	5.9	5.3	4.8	4.4	4.1	3.7	3.3	2.9
82.5°	11.4	11.0	10.6	10.0	9.2	8.4	7.6	6.7	5.9	5.0	4.3
80°	17.7	16.6	15.5	14.5	13.3	12.0	10.9	9.8	8.6	7.4	6.2
77.5°	24.0	22.4	20.8	19.3	17.7	16.2	14.6	12.9	11.4	9.9	8.4
75°	30.4	28.5	26.5	24.5	22.4	20.3	18.4	16.4	14.4	12.4	10.5
72.5°	37.6	35.1	32.5	29.8	27.4	24.9	22.3	19.8	17.5	15.1	12.7
70°	45.1	42.0	38.9	35.9	32.8	29.5	26.6	23.6	20.6	17.9	15.1
67.5°	52.9	49.7	46.1	42.2	38.6	34.9	31.0	27.4	24.0	20.6	17.5
65°	61.5	57.5	53.7	49.2	44.7	40.5	36.1	31.5	27.4	23.6	19.8
62.5°	69.9	65.1	60.6	55.9	51.0	46.1	41.3	36.0	30.9	26.6	22.3
60°	78.1	72.9	67.3	62.0	56.9	51.7	46.2	40.4	34.8	29.5	24.9
57.5°	86.0	80.5	74.1	68.0	62.2	56.8	50.9	44.7	38.6	32.7	27.4
55°	93.4	87.2	80.6	73.8	67.5	61.5	55.3	48.7	42.3	35.9	29.8
52.5°	100.2	93.7	86.7	79.5	72.5	66.0	59.5	52.7	45.7	39.0	32.4
50°	106.5	100.2	92.7	85.0	77.3	70.4	63.7	56.4	49.0	41.9	34.9
47.5°	111.9	106.0	98.7	90.4	82.2	74.8	67.7	60.1	52.2	44.7	37.4
45°	116.4	111.3	104.3	95.9	87.2	79.3	71.6	63.8	55.5	47.4	39.7
42.5°	120.5	115.8	109.5	101.4	92.3	83.8	75.5	67.3	58.6	50.0	42.0
40°	124.8	119.7	114.3	106.1	97.1	88.1	79.4	70.7	61.7	52.5	44.1
37.5°	128.7	123.4	117.9	110.6	101.4	92.1	83.1	73.9	64.5	55.0	46.1
35°	132.7	126.8	121.1	114.0	105.1	95.8	86.7	77.1	67.2	57.4	48.0
32.5°	136.5	130.0	123.8	116.8	108.6	99.1	89.8	79.9	69.7	59.5	49.8
30°	140.0	132.9	126.4	119.5	111.5	102.0	92.5	82.4	72.0	61.5	51.5
27.5°	142.8	135.3	128.9	121.9	113.8	104.6	94.8	84.7	74.1	63.4	53.1
25°	145.5	137.5	130.8	124.1	116.0	107.2	97.0	86.7	76.0	65.1	54.6
22.5°	148.6	139.6	132.3	126.1	118.2	109.7	99.1	88.4	77.7	66.6	55.9
20°	151.4	141.4	133.5	127.7	120.0	111.6	101.1	90.0	79.1	68.0	57.0
17.5°	153.8	143.3	135.0	128.6	121.4	113.2	102.9	91.4	80.3	69.2	57.9
15°	156.3	145.4	136.3	129.4	122.6	114.6	104.6	92.6	81.2	70.2	58.8
12.5°	158.5	147.0	137.4	130.0	123.4	115.7	106.0	93.6	82.0	71.0	59.6
10°	160.4	148.3	138.2	130.4	124.0	116.5	107.3	94.5	82.8	71.7	60.3
7.5°	161.8	149.2	138.7	130.6	124.4	117.2	108.4	95.6	83.5	72.1	60.8
5°	162.8	149.9	139.5	131.4	124.9	117.7	109.1	96.5	84.0	72.4	61.2
2.5°	163.6	150.5	140.4	132.1	125.2	118.0	109.6	97.2	84.3	72.4	61.4
0°	163.9	150.7	141.0	132.6	125.3	118.1	109.7	97.6	84.4	72.3	61.5
-2.5°	163.6	150.5	140.4	132.1	125.2	118.0	109.6	97.2	84.3	72.4	61.4
-5°	162.8	149.9	139.5	131.4	124.9	117.7	109.1	96.5	84.0	72.4	61.2
-7.5°	161.8	149.2	138.7	130.6	124.4	117.2	108.4	95.6	83.5	72.1	60.8
-10°	160.4	148.3	138.2	130.4	124.0	116.5	107.3	94.5	82.8	71.7	60.3
-12.5°	158.5	147.0	137.4	130.0	123.4	115.7	106.0	93.6	82.0	71.0	59.6
-15°	156.3	145.4	136.3	129.4	122.6	114.6	104.6	92.6	81.2	70.2	58.8
-17.5°	153.8	143.3	135.0	128.6	121.4	113.2	102.9	91.4	80.3	69.2	57.9
-20°	151.4	141.4	133.5	127.7	120.0	111.6	101.1	90.0	79.1	68.0	57.0

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Scaled Data Report



REPORT NUMBER: P626769 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	148.6	139.6	132.3	126.1	118.2	109.7	99.1	88.4	77.7	66.6	55.9
-25°	145.5	137.5	130.8	124.1	116.0	107.2	97.0	86.7	76.0	65.1	54.6
-27.5°	142.8	135.3	128.9	121.9	113.8	104.6	94.8	84.7	74.1	63.4	53.1
-30°	140.0	132.9	126.4	119.5	111.5	102.0	92.5	82.4	72.0	61.5	51.5
-32.5°	136.5	130.0	123.8	116.8	108.6	99.1	89.8	79.9	69.7	59.5	49.8
-35°	132.7	126.8	121.1	114.0	105.1	95.8	86.7	77.1	67.2	57.4	48.0
-37.5°	128.7	123.4	117.9	110.6	101.4	92.1	83.1	73.9	64.5	55.0	46.1
-40°	124.8	119.7	114.3	106.1	97.1	88.1	79.4	70.7	61.7	52.5	44.1
-42.5°	120.5	115.8	109.5	101.4	92.3	83.8	75.5	67.3	58.6	50.0	42.0
-45°	116.4	111.3	104.3	95.9	87.2	79.3	71.6	63.8	55.5	47.4	39.7
-47.5°	111.9	106.0	98.7	90.4	82.2	74.8	67.7	60.1	52.2	44.7	37.4
-50°	106.5	100.2	92.7	85.0	77.3	70.4	63.7	56.4	49.0	41.9	34.9
-52.5°	100.2	93.7	86.7	79.5	72.5	66.0	59.5	52.7	45.7	39.0	32.4
-55°	93.4	87.2	80.6	73.8	67.5	61.5	55.3	48.7	42.3	35.9	29.8
-57.5°	86.0	80.5	74.1	68.0	62.2	56.8	50.9	44.7	38.6	32.7	27.4
-60°	78.1	72.9	67.3	62.0	56.9	51.7	46.2	40.4	34.8	29.5	24.9
-62.5°	69.9	65.1	60.6	55.9	51.0	46.1	41.3	36.0	30.9	26.6	22.3
-65°	61.5	57.5	53.7	49.2	44.7	40.5	36.1	31.5	27.4	23.6	19.8
-67.5°	52.9	49.7	46.1	42.2	38.6	34.9	31.0	27.4	24.0	20.6	17.5
-70°	45.1	42.0	38.9	35.9	32.8	29.5	26.6	23.6	20.6	17.9	15.1
-72.5°	37.6	35.1	32.5	29.8	27.4	24.9	22.3	19.8	17.5	15.1	12.7
-75°	30.4	28.5	26.5	24.5	22.4	20.3	18.4	16.4	14.4	12.4	10.5
-77.5°	24.0	22.4	20.8	19.3	17.7	16.2	14.6	12.9	11.4	9.9	8.4
-80°	17.7	16.6	15.5	14.5	13.3	12.0	10.9	9.8	8.6	7.4	6.2
-82.5°	11.4	11.0	10.6	10.0	9.2	8.4	7.6	6.7	5.9	5.0	4.3
-85°	7.0	6.7	6.3	5.9	5.3	4.8	4.4	4.1	3.7	3.3	2.9
-87.5°	3.2	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4
-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-SA1E-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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.5	2.1	1.7	1.3	0.8	0.4	0.0
82.5°	3.7	3.1	2.5	1.9	1.2	0.5	0.0
80°	5.0	4.1	3.3	2.5	1.7	0.7	0.0
77.5°	6.9	5.3	4.1	3.1	2.1	0.9	0.0
75°	8.7	6.8	5.0	3.7	2.5	1.1	0.0
72.5°	10.5	8.2	6.1	4.3	2.9	1.3	0.0
70°	12.3	9.6	7.2	4.9	3.2	1.4	0.0
67.5°	14.3	11.0	8.2	5.7	3.6	1.6	0.0
65°	16.2	12.5	9.3	6.5	4.0	1.8	0.0
62.5°	18.2	14.1	10.3	7.2	4.3	1.9	0.0
60°	20.1	15.7	11.2	7.9	4.6	2.1	0.0
57.5°	22.1	17.2	12.4	8.6	5.1	2.2	0.0
55°	24.2	18.7	13.6	9.2	5.5	2.3	0.0
52.5°	26.2	20.2	14.8	9.8	5.9	2.5	0.0
50°	28.1	21.8	15.9	10.4	6.3	2.6	0.0
47.5°	29.9	23.3	17.0	11.1	6.7	2.7	0.0
45°	32.0	24.8	18.0	11.8	7.1	2.8	0.0
42.5°	33.9	26.2	19.0	12.6	7.4	3.0	0.0
40°	35.7	27.5	20.0	13.3	7.8	3.1	0.0
37.5°	37.5	28.8	21.0	14.0	8.1	3.1	0.0
35°	39.1	30.1	22.0	14.7	8.4	3.2	0.0
32.5°	40.7	31.4	22.9	15.3	8.7	3.3	0.0
30°	42.1	32.6	23.7	15.9	9.0	3.4	0.0
27.5°	43.4	33.7	24.5	16.4	9.3	3.4	0.0
25°	44.6	34.7	25.3	16.9	9.5	3.5	0.0
22.5°	45.7	35.6	26.0	17.3	9.8	3.5	0.0
20°	46.6	36.4	26.6	17.8	10.0	3.6	0.0
17.5°	47.4	37.0	27.1	18.1	10.2	3.6	0.0
15°	48.1	37.6	27.6	18.4	10.3	3.6	0.0
12.5°	48.6	38.0	28.0	18.7	10.5	3.6	0.0
10°	49.0	38.3	28.3	18.9	10.6	3.6	0.0
7.5°	49.3	38.6	28.6	19.1	10.7	3.6	0.0
5°	49.5	38.7	28.8	19.2	10.7	3.6	0.0
2.5°	49.5	38.7	28.9	19.3	10.8	3.6	0.0
0°	49.4	38.6	28.9	19.3	10.8	3.6	0.0
-2.5°	49.5	38.7	28.9	19.3	10.8	3.6	0.0
-5°	49.5	38.7	28.8	19.2	10.7	3.6	0.0
-7.5°	49.3	38.6	28.6	19.1	10.7	3.6	0.0
-10°	49.0	38.3	28.3	18.9	10.6	3.6	0.0
-12.5°	48.6	38.0	28.0	18.7	10.5	3.6	0.0
-15°	48.1	37.6	27.6	18.4	10.3	3.6	0.0
-17.5°	47.4	37.0	27.1	18.1	10.2	3.6	0.0
-20°	46.6	36.4	26.6	17.8	10.0	3.6	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	45.7	35.6	26.0	17.3	9.8	3.5	0.0
-25°	44.6	34.7	25.3	16.9	9.5	3.5	0.0
-27.5°	43.4	33.7	24.5	16.4	9.3	3.4	0.0
-30°	42.1	32.6	23.7	15.9	9.0	3.4	0.0
-32.5°	40.7	31.4	22.9	15.3	8.7	3.3	0.0
-35°	39.1	30.1	22.0	14.7	8.4	3.2	0.0
-37.5°	37.5	28.8	21.0	14.0	8.1	3.1	0.0
-40°	35.7	27.5	20.0	13.3	7.8	3.1	0.0
-42.5°	33.9	26.2	19.0	12.6	7.4	3.0	0.0
-45°	32.0	24.8	18.0	11.8	7.1	2.8	0.0
-47.5°	29.9	23.3	17.0	11.1	6.7	2.7	0.0
-50°	28.1	21.8	15.9	10.4	6.3	2.6	0.0
-52.5°	26.2	20.2	14.8	9.8	5.9	2.5	0.0
-55°	24.2	18.7	13.6	9.2	5.5	2.3	0.0
-57.5°	22.1	17.2	12.4	8.6	5.1	2.2	0.0
-60°	20.1	15.7	11.2	7.9	4.6	2.1	0.0
-62.5°	18.2	14.1	10.3	7.2	4.3	1.9	0.0
-65°	16.2	12.5	9.3	6.5	4.0	1.8	0.0
-67.5°	14.3	11.0	8.2	5.7	3.6	1.6	0.0
-70°	12.3	9.6	7.2	4.9	3.2	1.4	0.0
-72.5°	10.5	8.2	6.1	4.3	2.9	1.3	0.0
-75°	8.7	6.8	5.0	3.7	2.5	1.1	0.0
-77.5°	6.9	5.3	4.1	3.1	2.1	0.9	0.0
-80°	5.0	4.1	3.3	2.5	1.7	0.7	0.0
-82.5°	3.7	3.1	2.5	1.9	1.2	0.5	0.0
-85°	2.5	2.1	1.7	1.3	0.8	0.4	0.0
-87.5°	1.2	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)