

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: P626533 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-722-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626533 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1A-722-U-WR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

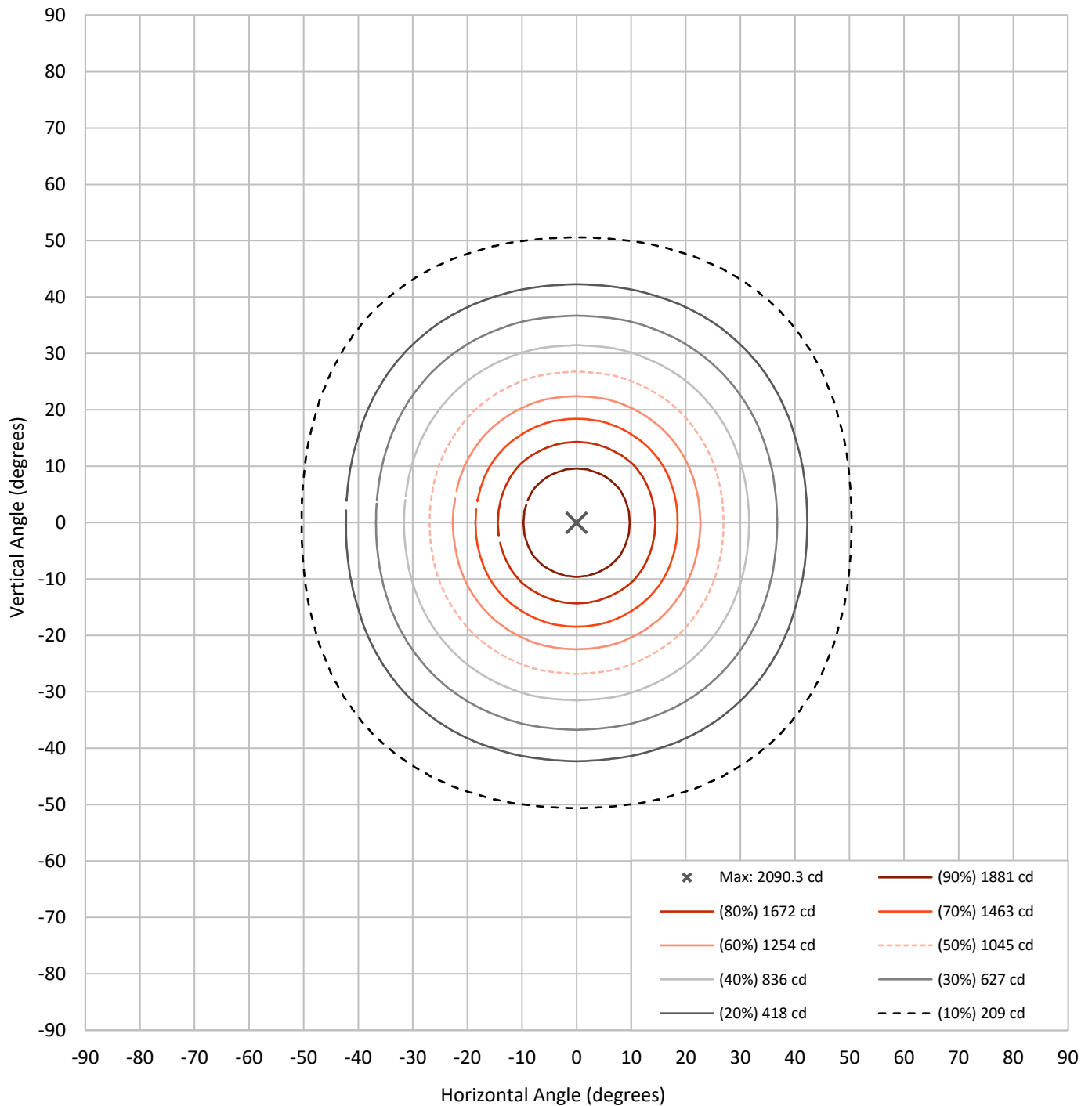
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	2127.4 lumens	Max Intensity:	2090.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	1017.2 lumens	Field Lumens:	1877.5 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	18.1		
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





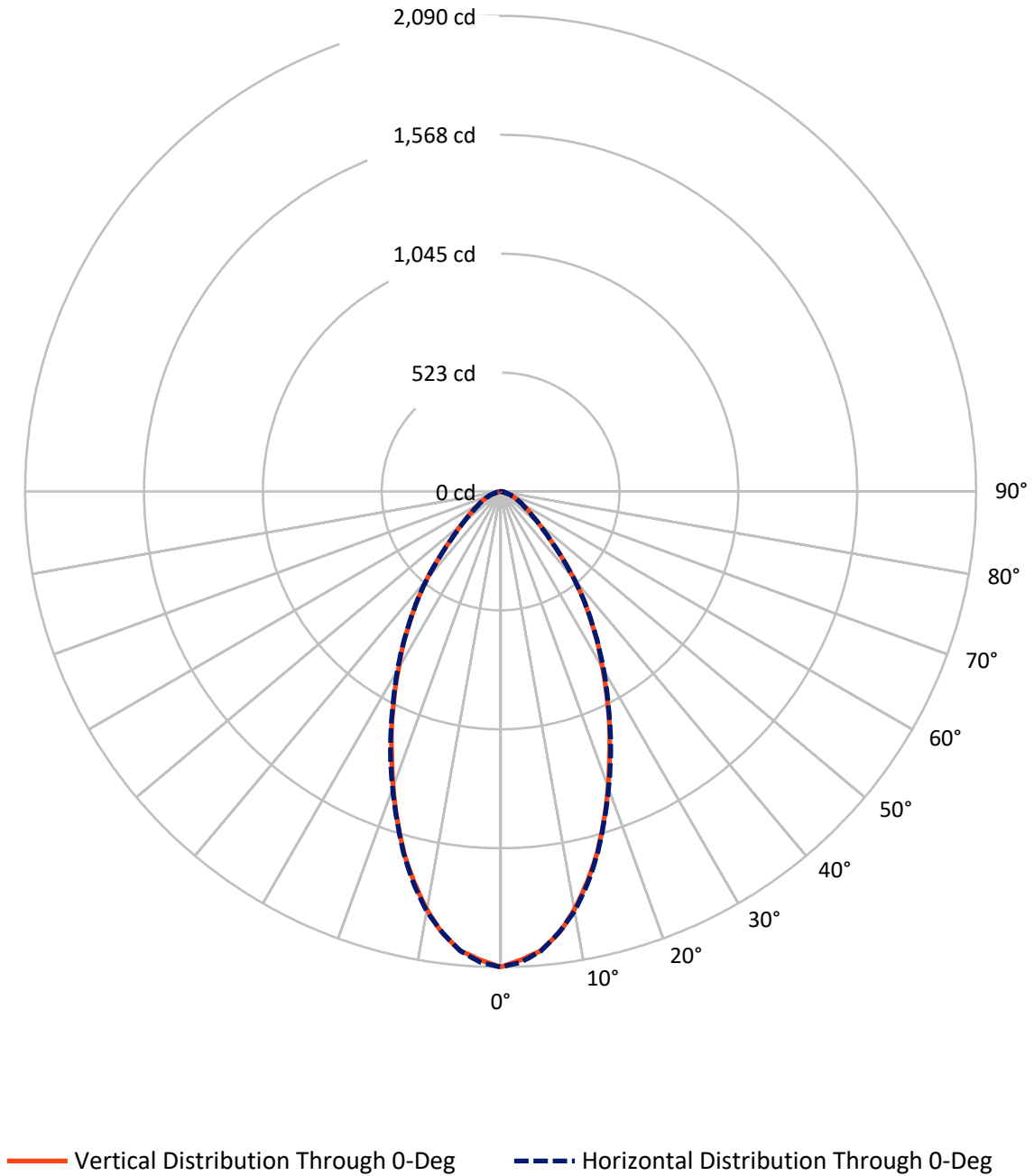
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### Lumen Table

90																			
80	0.1	0.6		1.3		2.2		1.9		2.2		1.3		0.6		0.1			
70																			
60	0.3	0.3	0.6	1.0	1.4	1.8	2.2	2.3	2.3	2.2	1.8	1.4	1.0	0.6	0.3	0.3			
50		0.5	0.9	1.6	2.4	3.4	4.2	4.7	4.7	4.2	3.4	2.4	1.6	0.9	0.5				
40	0.4	0.6	1.3	2.4	4.0	6.2	8.5	10.1	10.1	8.5	6.2	4.0	2.4	1.3	0.6	0.4			
30		0.7	1.7	3.5	6.7	12.0	17.4	20.6	20.6	17.4	12.0	6.7	3.5	1.7	0.7				
20	0.5	0.8	2.1	4.8	10.9	19.6	28.0	33.5	33.5	28.0	19.6	10.9	4.8	2.1	0.8	0.5			
10		0.9	2.4	6.3	14.9	26.5	39.1	48.1	48.1	39.1	26.5	14.9	6.3	2.4	0.9				
0	0.5	1.0	2.6	7.2	17.1	30.8	46.8	58.9	58.9	46.8	30.8	17.1	7.2	2.6	1.0	0.5			
-10		1.0	2.6	7.2	17.1	30.8	46.8	58.9	58.9	46.8	30.8	17.1	7.2	2.6	1.0				
-20	0.5	0.9	2.4	6.3	14.9	26.5	39.1	48.1	48.1	39.1	26.5	14.9	6.3	2.4	0.9	0.5			
-30		0.8	2.1	4.8	10.9	19.6	28.0	33.5	33.5	28.0	19.6	10.9	4.8	2.1	0.8				
-40	0.4	0.7	1.7	3.5	6.7	12.0	17.4	20.6	20.6	17.4	12.0	6.7	3.5	1.7	0.7	0.4			
-50		0.6	1.3	2.4	4.0	6.2	8.5	10.1	10.1	8.5	6.2	4.0	2.4	1.3	0.6				
-60	0.3	0.5	0.9	1.6	2.4	3.4	4.2	4.7	4.7	4.2	3.4	2.4	1.6	0.9	0.5	0.3			
-70		0.3	0.6	1.0	1.4	1.8	2.2	2.3	2.3	2.2	1.8	1.4	1.0	0.6	0.3				
-80																			
-90	0.1	0.6		1.3		2.2		1.9		2.2		1.3		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

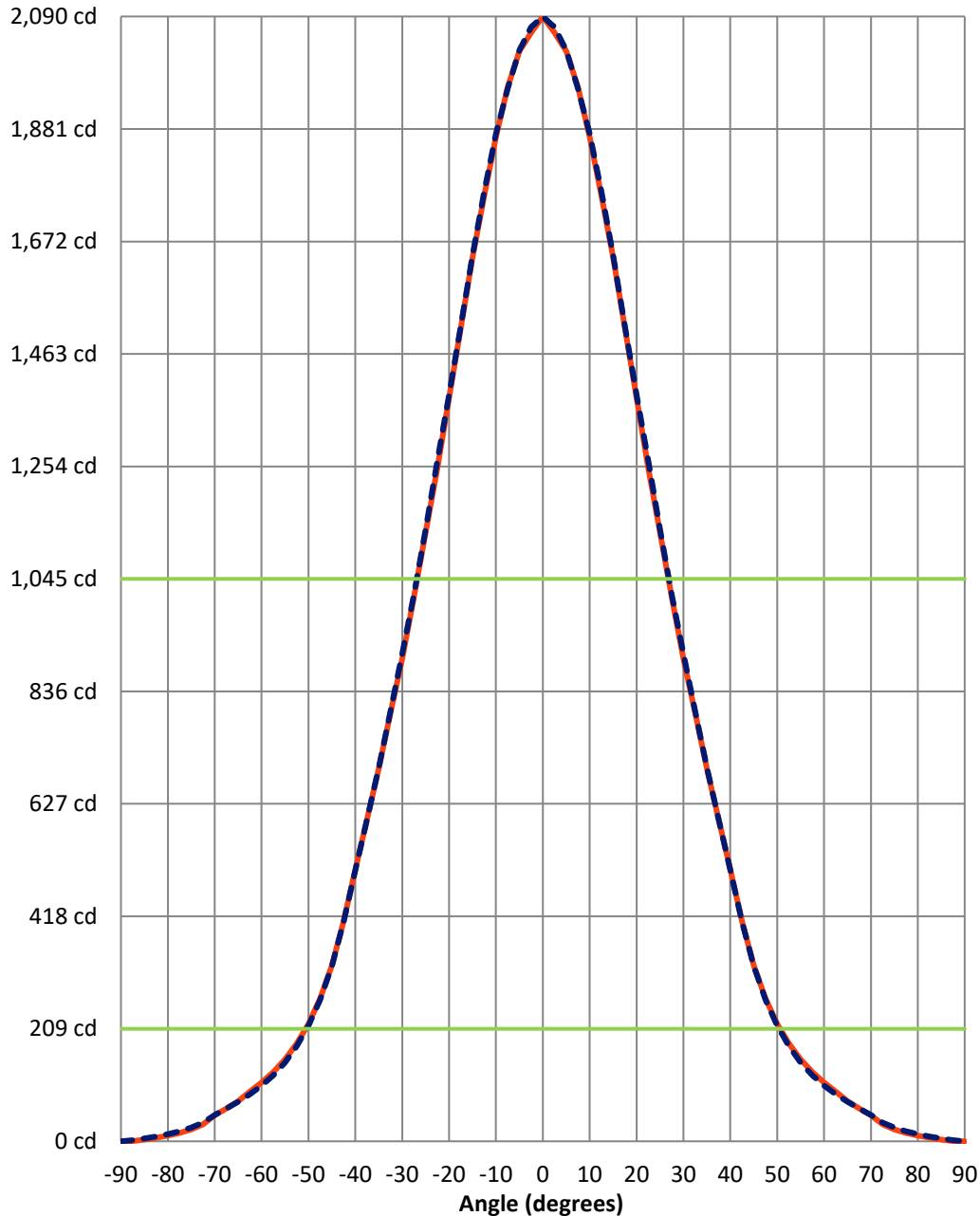
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 1017.2  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 1877.5  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 249.9  
 Efficiency: 11.7%

- 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	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.2	1.3	1.3
85°	0.0	0.2	0.5	0.8	1.1	1.5	2.0	2.2	2.4	2.5	2.6
82.5°	0.0	0.3	0.7	1.2	1.7	2.3	2.9	3.3	3.6	4.2	4.7
80°	0.0	0.4	1.0	1.6	2.3	3.0	4.0	5.0	5.8	6.6	7.3
77.5°	0.0	0.5	1.2	2.0	2.8	4.0	5.7	7.0	8.1	9.0	10.0
75°	0.0	0.6	1.4	2.3	3.4	5.2	7.4	9.0	10.3	11.6	13.0
72.5°	0.0	0.7	1.7	2.7	4.2	6.4	9.0	11.0	12.5	14.2	15.9
70°	0.0	0.8	1.9	3.1	5.0	7.6	10.6	12.9	14.7	16.7	19.0
67.5°	0.0	0.9	2.1	3.6	5.8	8.7	11.9	14.7	16.8	19.3	22.1
65°	0.0	1.0	2.3	4.1	6.5	9.7	13.2	16.4	19.0	21.8	25.0
62.5°	0.0	1.1	2.5	4.5	7.2	10.6	14.4	18.1	21.0	24.2	27.7
60°	0.0	1.2	2.7	4.9	7.9	11.4	15.5	19.7	22.9	26.6	30.4
57.5°	0.0	1.3	2.9	5.3	8.4	12.2	16.5	21.2	24.9	28.8	32.8
55°	0.0	1.4	3.2	5.7	9.0	13.0	17.4	22.3	26.8	31.0	35.1
52.5°	0.0	1.4	3.4	6.0	9.5	13.6	18.3	23.5	28.6	33.1	37.4
50°	0.0	1.5	3.6	6.3	9.9	14.2	19.1	24.7	30.4	35.1	39.9
47.5°	0.0	1.6	3.8	6.5	10.3	14.8	19.8	25.8	32.1	37.1	42.3
45°	0.0	1.7	4.0	6.8	10.7	15.3	20.6	26.7	33.4	39.2	44.7
42.5°	0.0	1.7	4.2	7.0	11.0	15.7	21.3	27.7	34.5	41.2	47.1
40°	0.0	1.8	4.3	7.3	11.3	16.1	21.9	28.6	35.7	43.1	49.5
37.5°	0.0	1.8	4.5	7.6	11.5	16.4	22.5	29.4	36.9	44.6	51.7
35°	0.0	1.9	4.6	7.8	11.7	16.7	22.9	30.1	38.1	46.3	54.0
32.5°	0.0	1.9	4.7	8.0	11.9	17.0	23.3	30.8	39.2	47.9	56.4
30°	0.0	2.0	4.9	8.2	12.0	17.3	23.8	31.4	40.3	49.6	58.6
27.5°	0.0	2.0	5.0	8.4	12.3	17.5	24.2	32.2	41.4	51.3	60.7
25°	0.0	2.0	5.1	8.5	12.5	17.6	24.5	32.9	42.7	53.0	62.6
22.5°	0.0	2.1	5.1	8.7	12.7	17.7	24.7	33.5	43.9	54.5	64.8
20°	0.0	2.1	5.2	8.8	12.9	18.0	24.8	34.0	45.0	55.9	66.7
17.5°	0.0	2.1	5.3	8.9	13.1	18.3	25.1	34.4	46.0	57.1	68.3
15°	0.0	2.1	5.3	9.0	13.2	18.5	25.4	34.8	47.0	58.2	69.8
12.5°	0.0	2.1	5.3	9.0	13.3	18.7	25.7	35.2	47.8	59.1	71.0
10°	0.0	2.1	5.4	9.0	13.4	18.8	25.8	35.4	48.4	59.8	71.9
7.5°	0.0	2.1	5.4	9.0	13.4	18.8	25.9	35.4	48.8	60.3	72.7
5°	0.0	2.1	5.4	9.0	13.4	18.8	25.9	35.3	49.0	60.7	73.2
2.5°	0.0	2.1	5.3	9.0	13.4	18.7	25.8	35.1	49.1	60.9	73.4
0°	0.0	2.1	5.3	8.9	13.3	18.6	25.6	34.7	48.9	60.9	73.4
-2.5°	0.0	2.1	5.3	9.0	13.4	18.7	25.8	35.1	49.1	60.9	73.4
-5°	0.0	2.1	5.4	9.0	13.4	18.8	25.9	35.3	49.0	60.7	73.2
-7.5°	0.0	2.1	5.4	9.0	13.4	18.8	25.9	35.4	48.8	60.3	72.7
-10°	0.0	2.1	5.4	9.0	13.4	18.8	25.8	35.4	48.4	59.8	71.9
-12.5°	0.0	2.1	5.3	9.0	13.3	18.7	25.7	35.2	47.8	59.1	71.0
-15°	0.0	2.1	5.3	9.0	13.2	18.5	25.4	34.8	47.0	58.2	69.8
-17.5°	0.0	2.1	5.3	8.9	13.1	18.3	25.1	34.4	46.0	57.1	68.3
-20°	0.0	2.1	5.2	8.8	12.9	18.0	24.8	34.0	45.0	55.9	66.7

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Scaled Data Report



REPORT NUMBER: P626533 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.1	5.1	8.7	12.7	17.7	24.7	33.5	43.9	54.5	64.8
-25°	0.0	2.0	5.1	8.5	12.5	17.6	24.5	32.9	42.7	53.0	62.6
-27.5°	0.0	2.0	5.0	8.4	12.3	17.5	24.2	32.2	41.4	51.3	60.7
-30°	0.0	2.0	4.9	8.2	12.0	17.3	23.8	31.4	40.3	49.6	58.6
-32.5°	0.0	1.9	4.7	8.0	11.9	17.0	23.3	30.8	39.2	47.9	56.4
-35°	0.0	1.9	4.6	7.8	11.7	16.7	22.9	30.1	38.1	46.3	54.0
-37.5°	0.0	1.8	4.5	7.6	11.5	16.4	22.5	29.4	36.9	44.6	51.7
-40°	0.0	1.8	4.3	7.3	11.3	16.1	21.9	28.6	35.7	43.1	49.5
-42.5°	0.0	1.7	4.2	7.0	11.0	15.7	21.3	27.7	34.5	41.2	47.1
-45°	0.0	1.7	4.0	6.8	10.7	15.3	20.6	26.7	33.4	39.2	44.7
-47.5°	0.0	1.6	3.8	6.5	10.3	14.8	19.8	25.8	32.1	37.1	42.3
-50°	0.0	1.5	3.6	6.3	9.9	14.2	19.1	24.7	30.4	35.1	39.9
-52.5°	0.0	1.4	3.4	6.0	9.5	13.6	18.3	23.5	28.6	33.1	37.4
-55°	0.0	1.4	3.2	5.7	9.0	13.0	17.4	22.3	26.8	31.0	35.1
-57.5°	0.0	1.3	2.9	5.3	8.4	12.2	16.5	21.2	24.9	28.8	32.8
-60°	0.0	1.2	2.7	4.9	7.9	11.4	15.5	19.7	22.9	26.6	30.4
-62.5°	0.0	1.1	2.5	4.5	7.2	10.6	14.4	18.1	21.0	24.2	27.7
-65°	0.0	1.0	2.3	4.1	6.5	9.7	13.2	16.4	19.0	21.8	25.0
-67.5°	0.0	0.9	2.1	3.6	5.8	8.7	11.9	14.7	16.8	19.3	22.1
-70°	0.0	0.8	1.9	3.1	5.0	7.6	10.6	12.9	14.7	16.7	19.0
-72.5°	0.0	0.7	1.7	2.7	4.2	6.4	9.0	11.0	12.5	14.2	15.9
-75°	0.0	0.6	1.4	2.3	3.4	5.2	7.4	9.0	10.3	11.6	13.0
-77.5°	0.0	0.5	1.2	2.0	2.8	4.0	5.7	7.0	8.1	9.0	10.0
-80°	0.0	0.4	1.0	1.6	2.3	3.0	4.0	5.0	5.8	6.6	7.3
-82.5°	0.0	0.3	0.7	1.2	1.7	2.3	2.9	3.3	3.6	4.2	4.7
-85°	0.0	0.2	0.5	0.8	1.1	1.5	2.0	2.2	2.4	2.5	2.6
-87.5°	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.2	1.3	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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CATALOG NUMBER: GFLD-SA1A-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.3	1.3	1.3	1.2	1.1	1.0	0.9	1.0	1.0	1.0
85°	2.7	2.7	2.9	3.1	3.2	3.2	3.1	3.0	3.4	3.8	4.3
82.5°	5.2	5.7	6.1	6.5	6.5	6.4	6.2	6.0	6.8	7.7	8.7
80°	8.0	8.6	9.4	10.1	10.3	10.2	10.0	9.6	10.6	12.1	13.7
77.5°	11.1	12.1	13.1	14.0	14.2	14.2	14.1	13.8	15.1	17.1	19.3
75°	14.3	15.6	16.9	18.0	18.5	18.5	18.5	18.8	20.5	22.9	25.0
72.5°	17.7	19.3	20.8	22.0	22.8	23.4	24.1	25.1	26.8	29.2	31.3
70°	21.3	23.1	24.6	26.0	27.2	28.4	30.1	31.7	33.5	35.9	38.1
67.5°	24.8	26.7	28.4	30.1	32.2	34.2	36.3	38.4	40.8	43.2	45.4
65°	28.1	30.2	32.3	34.7	37.5	39.8	42.3	45.1	48.2	50.9	53.4
62.5°	31.3	33.6	36.2	39.1	42.1	45.0	48.4	52.0	55.5	59.0	62.4
60°	34.0	36.9	40.0	43.3	46.7	50.7	54.6	58.9	63.2	67.3	71.6
57.5°	36.5	40.1	43.7	47.5	51.9	56.4	61.1	65.9	71.0	76.1	80.9
55°	39.2	43.4	47.5	52.1	57.0	62.3	67.7	73.4	79.1	85.5	91.3
52.5°	42.0	46.6	51.4	56.7	62.5	68.4	74.7	81.3	88.3	95.4	102.6
50°	44.8	50.0	55.4	61.6	68.1	74.9	82.1	89.8	98.0	106.2	115.0
47.5°	47.7	53.3	59.8	66.6	74.0	81.8	89.9	99.1	108.2	118.6	128.5
45°	50.5	56.9	64.1	71.9	80.1	88.8	98.6	108.6	120.3	131.9	145.0
42.5°	53.3	60.7	68.7	77.1	86.4	96.4	107.2	119.9	133.0	147.4	162.7
40°	56.4	64.2	73.2	82.7	92.7	104.2	117.2	131.2	147.2	164.3	181.7
37.5°	59.5	68.2	77.7	88.0	99.7	112.6	126.9	144.1	162.5	182.0	205.7
35°	62.3	72.0	82.4	93.6	106.2	121.2	138.4	157.3	178.6	203.7	231.4
32.5°	65.4	75.6	86.7	99.3	113.6	130.0	149.5	171.8	197.0	225.5	260.2
30°	68.4	79.3	91.1	104.7	120.6	139.6	161.7	186.4	215.4	251.2	291.9
27.5°	71.3	82.8	95.7	110.4	127.4	148.4	173.4	202.4	236.5	277.0	324.5
25°	73.9	86.0	99.9	115.8	134.9	157.9	185.1	217.2	257.7	305.9	364.4
22.5°	76.4	88.9	103.7	120.7	141.7	167.1	197.7	234.5	279.2	333.3	403.5
20°	78.7	92.0	107.5	125.4	147.7	175.4	209.4	250.6	301.5	365.6	441.8
17.5°	80.8	94.8	111.1	130.4	154.4	183.9	220.4	264.8	321.3	394.4	477.2
15°	82.5	97.2	114.2	134.8	160.5	192.3	231.9	280.4	342.0	420.5	508.2
12.5°	84.0	99.1	116.8	138.5	165.5	199.5	241.7	294.3	362.2	445.2	535.5
10°	85.2	100.7	118.9	141.5	169.6	205.3	249.7	305.6	378.9	466.3	558.5
7.5°	86.1	102.0	120.5	143.7	172.7	209.7	256.0	314.4	392.1	483.1	576.2
5°	86.8	102.9	121.7	145.3	175.0	212.7	260.4	320.5	401.4	495.2	588.3
2.5°	87.2	103.3	122.4	146.2	176.4	214.5	262.7	324.4	406.5	502.1	595.6
0°	87.3	103.4	122.6	146.3	176.8	214.8	263.1	325.6	407.6	503.9	598.3
-2.5°	87.2	103.3	122.4	146.2	176.4	214.5	262.7	324.4	406.5	502.1	595.6
-5°	86.8	102.9	121.7	145.3	175.0	212.7	260.4	320.5	401.4	495.2	588.3
-7.5°	86.1	102.0	120.5	143.7	172.7	209.7	256.0	314.4	392.1	483.1	576.2
-10°	85.2	100.7	118.9	141.5	169.6	205.3	249.7	305.6	378.9	466.3	558.5
-12.5°	84.0	99.1	116.8	138.5	165.5	199.5	241.7	294.3	362.2	445.2	535.5
-15°	82.5	97.2	114.2	134.8	160.5	192.3	231.9	280.4	342.0	420.5	508.2
-17.5°	80.8	94.8	111.1	130.4	154.4	183.9	220.4	264.8	321.3	394.4	477.2
-20°	78.7	92.0	107.5	125.4	147.7	175.4	209.4	250.6	301.5	365.6	441.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626533 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	76.4	88.9	103.7	120.7	141.7	167.1	197.7	234.5	279.2	333.3	403.5
-25°	73.9	86.0	99.9	115.8	134.9	157.9	185.1	217.2	257.7	305.9	364.4
-27.5°	71.3	82.8	95.7	110.4	127.4	148.4	173.4	202.4	236.5	277.0	324.5
-30°	68.4	79.3	91.1	104.7	120.6	139.6	161.7	186.4	215.4	251.2	291.9
-32.5°	65.4	75.6	86.7	99.3	113.6	130.0	149.5	171.8	197.0	225.5	260.2
-35°	62.3	72.0	82.4	93.6	106.2	121.2	138.4	157.3	178.6	203.7	231.4
-37.5°	59.5	68.2	77.7	88.0	99.7	112.6	126.9	144.1	162.5	182.0	205.7
-40°	56.4	64.2	73.2	82.7	92.7	104.2	117.2	131.2	147.2	164.3	181.7
-42.5°	53.3	60.7	68.7	77.1	86.4	96.4	107.2	119.9	133.0	147.4	162.7
-45°	50.5	56.9	64.1	71.9	80.1	88.8	98.6	108.6	120.3	131.9	145.0
-47.5°	47.7	53.3	59.8	66.6	74.0	81.8	89.9	99.1	108.2	118.6	128.5
-50°	44.8	50.0	55.4	61.6	68.1	74.9	82.1	89.8	98.0	106.2	115.0
-52.5°	42.0	46.6	51.4	56.7	62.5	68.4	74.7	81.3	88.3	95.4	102.6
-55°	39.2	43.4	47.5	52.1	57.0	62.3	67.7	73.4	79.1	85.5	91.3
-57.5°	36.5	40.1	43.7	47.5	51.9	56.4	61.1	65.9	71.0	76.1	80.9
-60°	34.0	36.9	40.0	43.3	46.7	50.7	54.6	58.9	63.2	67.3	71.6
-62.5°	31.3	33.6	36.2	39.1	42.1	45.0	48.4	52.0	55.5	59.0	62.4
-65°	28.1	30.2	32.3	34.7	37.5	39.8	42.3	45.1	48.2	50.9	53.4
-67.5°	24.8	26.7	28.4	30.1	32.2	34.2	36.3	38.4	40.8	43.2	45.4
-70°	21.3	23.1	24.6	26.0	27.2	28.4	30.1	31.7	33.5	35.9	38.1
-72.5°	17.7	19.3	20.8	22.0	22.8	23.4	24.1	25.1	26.8	29.2	31.3
-75°	14.3	15.6	16.9	18.0	18.5	18.5	18.5	18.8	20.5	22.9	25.0
-77.5°	11.1	12.1	13.1	14.0	14.2	14.2	14.1	13.8	15.1	17.1	19.3
-80°	8.0	8.6	9.4	10.1	10.3	10.2	10.0	9.6	10.6	12.1	13.7
-82.5°	5.2	5.7	6.1	6.5	6.5	6.4	6.2	6.0	6.8	7.7	8.7
-85°	2.7	2.7	2.9	3.1	3.2	3.2	3.1	3.0	3.4	3.8	4.3
-87.5°	1.3	1.3	1.3	1.3	1.2	1.1	1.0	0.9	1.0	1.0	1.0
-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: P626533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-WR-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°	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.7
85°	4.8	4.9	5.0	5.0	5.0	5.1	5.3	5.4	5.6	5.1	4.5
82.5°	9.8	10.2	10.6	11.0	11.4	11.7	11.9	12.1	12.2	11.0	9.7
80°	15.3	16.3	17.1	17.9	18.6	18.8	18.8	18.7	18.6	17.0	15.2
77.5°	21.4	22.6	23.6	24.6	25.6	26.0	26.2	26.3	26.4	24.4	22.0
75°	26.9	28.4	29.8	31.1	32.3	32.9	33.3	33.6	33.8	31.8	29.3
72.5°	33.1	34.7	36.2	37.6	38.9	39.7	40.2	40.7	41.0	39.9	38.3
70°	39.9	41.5	43.1	44.6	46.0	47.2	48.1	48.8	49.5	49.6	49.6
67.5°	47.5	49.4	51.3	52.9	54.6	56.3	57.7	58.8	59.8	60.4	60.7
65°	56.0	58.9	61.5	63.7	65.6	67.7	69.6	71.0	72.0	72.8	73.5
62.5°	66.0	69.6	72.5	75.5	78.5	81.5	83.3	85.2	87.0	88.7	90.2
60°	75.7	79.6	83.6	87.4	90.9	94.1	97.4	100.3	102.9	105.0	106.6
57.5°	86.0	90.7	95.3	100.1	104.6	108.8	112.9	116.6	119.9	122.6	124.8
55°	97.2	103.0	108.4	114.5	120.3	125.7	130.6	135.6	140.2	144.1	147.3
52.5°	109.2	116.8	124.0	131.1	138.7	145.5	151.6	158.6	164.8	170.0	174.0
50°	123.6	132.5	142.0	150.8	160.4	169.8	178.5	186.9	195.2	202.3	208.1
47.5°	140.0	150.8	162.6	174.3	186.2	199.1	210.6	221.3	232.9	242.9	250.9
45°	158.1	172.0	186.3	202.7	217.8	234.4	249.7	263.6	279.9	294.3	305.9
42.5°	178.4	196.8	215.6	236.2	256.3	277.4	299.7	319.5	341.2	361.9	378.6
40°	203.4	225.5	250.6	275.6	304.4	331.4	364.0	393.6	420.5	445.2	465.4
37.5°	231.2	259.6	291.2	323.7	363.1	401.7	439.9	475.9	507.7	534.7	557.3
35°	262.8	298.9	337.1	384.7	430.8	477.1	520.1	559.5	594.1	624.5	650.4
32.5°	299.1	342.5	395.9	449.4	502.0	552.9	600.2	643.1	681.1	715.3	745.1
30°	337.3	396.5	456.5	515.1	572.6	628.3	680.2	727.5	770.4	808.5	842.8
27.5°	385.9	451.4	516.8	580.0	643.3	704.3	760.5	813.1	862.2	905.3	944.5
25°	432.8	505.2	574.8	643.6	712.5	778.0	840.9	900.2	956.6	1006.0	1049.7
22.5°	479.8	555.6	629.8	703.9	777.9	850.9	921.5	989.5	1052.5	1108.7	1158.0
20°	523.2	602.4	681.9	761.8	841.9	921.9	1001.2	1077.7	1147.8	1212.8	1269.8
17.5°	562.2	646.4	730.6	816.1	903.0	989.8	1077.9	1163.7	1243.9	1317.8	1384.0
15°	596.7	684.6	775.1	867.3	960.6	1054.9	1151.1	1247.0	1337.3	1421.2	1495.1
12.5°	626.8	718.3	813.1	911.1	1012.3	1115.1	1220.0	1325.2	1425.1	1521.9	1601.7
10°	651.7	746.9	846.0	948.9	1055.7	1166.3	1278.9	1392.1	1502.2	1604.9	1696.2
7.5°	671.0	769.7	871.8	978.9	1090.9	1207.5	1326.8	1446.9	1564.4	1675.1	1776.1
5°	684.5	786.3	889.7	1001.1	1117.0	1237.8	1361.8	1487.0	1609.8	1726.2	1830.9
2.5°	692.4	796.3	900.1	1014.5	1132.5	1256.1	1383.5	1510.7	1636.8	1757.6	1865.0
0°	694.5	799.2	906.0	1016.0	1137.4	1264.7	1387.5	1515.1	1646.2	1765.2	1872.4
-2.5°	692.4	796.3	900.1	1014.5	1132.5	1256.1	1383.5	1510.7	1636.8	1757.6	1865.0
-5°	684.5	786.3	889.7	1001.1	1117.0	1237.8	1361.8	1487.0	1609.8	1726.2	1830.9
-7.5°	671.0	769.7	871.8	978.9	1090.9	1207.5	1326.8	1446.9	1564.4	1675.1	1776.1
-10°	651.7	746.9	846.0	948.9	1055.7	1166.3	1278.9	1392.1	1502.2	1604.9	1696.2
-12.5°	626.8	718.3	813.1	911.1	1012.3	1115.1	1220.0	1325.2	1425.1	1521.9	1601.7
-15°	596.7	684.6	775.1	867.3	960.6	1054.9	1151.1	1247.0	1337.3	1421.2	1495.1
-17.5°	562.2	646.4	730.6	816.1	903.0	989.8	1077.9	1163.7	1243.9	1317.8	1384.0
-20°	523.2	602.4	681.9	761.8	841.9	921.9	1001.2	1077.7	1147.8	1212.8	1269.8

Classified

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626533 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	479.8	555.6	629.8	703.9	777.9	850.9	921.5	989.5	1052.5	1108.7	1158.0
-25°	432.8	505.2	574.8	643.6	712.5	778.0	840.9	900.2	956.6	1006.0	1049.7
-27.5°	385.9	451.4	516.8	580.0	643.3	704.3	760.5	813.1	862.2	905.3	944.5
-30°	337.3	396.5	456.5	515.1	572.6	628.3	680.2	727.5	770.4	808.5	842.8
-32.5°	299.1	342.5	395.9	449.4	502.0	552.9	600.2	643.1	681.1	715.3	745.1
-35°	262.8	298.9	337.1	384.7	430.8	477.1	520.1	559.5	594.1	624.5	650.4
-37.5°	231.2	259.6	291.2	323.7	363.1	401.7	439.9	475.9	507.7	534.7	557.3
-40°	203.4	225.5	250.6	275.6	304.4	331.4	364.0	393.6	420.5	445.2	465.4
-42.5°	178.4	196.8	215.6	236.2	256.3	277.4	299.7	319.5	341.2	361.9	378.6
-45°	158.1	172.0	186.3	202.7	217.8	234.4	249.7	263.6	279.9	294.3	305.9
-47.5°	140.0	150.8	162.6	174.3	186.2	199.1	210.6	221.3	232.9	242.9	250.9
-50°	123.6	132.5	142.0	150.8	160.4	169.8	178.5	186.9	195.2	202.3	208.1
-52.5°	109.2	116.8	124.0	131.1	138.7	145.5	151.6	158.6	164.8	170.0	174.0
-55°	97.2	103.0	108.4	114.5	120.3	125.7	130.6	135.6	140.2	144.1	147.3
-57.5°	86.0	90.7	95.3	100.1	104.6	108.8	112.9	116.6	119.9	122.6	124.8
-60°	75.7	79.6	83.6	87.4	90.9	94.1	97.4	100.3	102.9	105.0	106.6
-62.5°	66.0	69.6	72.5	75.5	78.5	81.5	83.3	85.2	87.0	88.7	90.2
-65°	56.0	58.9	61.5	63.7	65.6	67.7	69.6	71.0	72.0	72.8	73.5
-67.5°	47.5	49.4	51.3	52.9	54.6	56.3	57.7	58.8	59.8	60.4	60.7
-70°	39.9	41.5	43.1	44.6	46.0	47.2	48.1	48.8	49.5	49.6	49.6
-72.5°	33.1	34.7	36.2	37.6	38.9	39.7	40.2	40.7	41.0	39.9	38.3
-75°	26.9	28.4	29.8	31.1	32.3	32.9	33.3	33.6	33.8	31.8	29.3
-77.5°	21.4	22.6	23.6	24.6	25.6	26.0	26.2	26.3	26.4	24.4	22.0
-80°	15.3	16.3	17.1	17.9	18.6	18.8	18.8	18.7	18.6	17.0	15.2
-82.5°	9.8	10.2	10.6	11.0	11.4	11.7	11.9	12.1	12.2	11.0	9.7
-85°	4.8	4.9	5.0	5.0	5.0	5.1	5.3	5.4	5.6	5.1	4.5
-87.5°	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626533 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-WR-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°	0.7	0.6	0.5	0.4	0.5	0.6	0.7	0.7	0.8	0.9	0.9
85°	3.9	3.3	3.2	3.1	3.2	3.3	3.9	4.5	5.1	5.6	5.4
82.5°	8.3	6.9	6.7	6.5	6.7	6.9	8.3	9.7	11.0	12.2	12.1
80°	13.3	11.4	11.0	10.6	11.0	11.4	13.3	15.2	17.0	18.6	18.7
77.5°	19.5	16.8	16.1	15.4	16.1	16.8	19.5	22.0	24.4	26.4	26.3
75°	26.6	23.8	22.9	22.0	22.9	23.8	26.6	29.3	31.8	33.8	33.6
72.5°	36.7	35.1	33.4	31.5	33.4	35.1	36.7	38.3	39.9	41.0	40.7
70°	49.5	49.4	49.0	48.3	49.0	49.4	49.5	49.6	49.6	49.5	48.8
67.5°	60.9	60.9	61.0	61.0	61.0	60.9	60.9	60.7	60.4	59.8	58.8
65°	73.9	74.1	74.4	74.5	74.4	74.1	73.9	73.5	72.8	72.0	71.0
62.5°	91.3	92.0	92.4	92.3	92.4	92.0	91.3	90.2	88.7	87.0	85.2
60°	107.8	108.5	109.0	109.2	109.0	108.5	107.8	106.6	105.0	102.9	100.3
57.5°	126.6	127.9	128.6	128.7	128.6	127.9	126.6	124.8	122.6	119.9	116.6
55°	149.8	151.5	152.3	152.2	152.3	151.5	149.8	147.3	144.1	140.2	135.6
52.5°	177.0	179.0	180.6	181.6	180.6	179.0	177.0	174.0	170.0	164.8	158.6
50°	212.4	215.4	217.3	218.1	217.3	215.4	212.4	208.1	202.3	195.2	186.9
47.5°	256.7	260.7	263.6	265.6	263.6	260.7	256.7	250.9	242.9	232.9	221.3
45°	314.5	320.5	324.6	326.9	324.6	320.5	314.5	305.9	294.3	279.9	263.6
42.5°	391.7	401.0	406.7	408.9	406.7	401.0	391.7	378.6	361.9	341.2	319.5
40°	481.3	492.5	499.8	504.9	499.8	492.5	481.3	465.4	445.2	420.5	393.6
37.5°	574.7	586.4	593.6	598.5	593.6	586.4	574.7	557.3	534.7	507.7	475.9
35°	670.0	682.2	688.9	692.7	688.9	682.2	670.0	650.4	624.5	594.1	559.5
32.5°	767.8	781.3	788.6	796.1	788.6	781.3	767.8	745.1	715.3	681.1	643.1
30°	869.8	885.4	893.0	896.7	893.0	885.4	869.8	842.8	808.5	770.4	727.5
27.5°	976.1	995.5	1005.1	1011.4	1005.1	995.5	976.1	944.5	905.3	862.2	813.1
25°	1086.7	1110.7	1121.7	1131.5	1121.7	1110.7	1086.7	1049.7	1006.0	956.6	900.2
22.5°	1201.4	1231.4	1244.0	1251.0	1244.0	1231.4	1201.4	1158.0	1108.7	1052.5	989.5
20°	1319.2	1354.9	1372.5	1381.6	1372.5	1354.9	1319.2	1269.8	1212.8	1147.8	1077.7
17.5°	1439.6	1484.0	1506.8	1512.0	1506.8	1484.0	1439.6	1384.0	1317.8	1243.9	1163.7
15°	1557.7	1605.8	1632.8	1642.6	1632.8	1605.8	1557.7	1495.1	1421.2	1337.3	1247.0
12.5°	1669.7	1719.5	1751.7	1757.4	1751.7	1719.5	1669.7	1601.7	1521.9	1425.1	1325.2
10°	1771.2	1822.8	1858.4	1866.4	1858.4	1822.8	1771.2	1696.2	1604.9	1502.2	1392.1
7.5°	1856.0	1912.7	1951.9	1958.8	1951.9	1912.7	1856.0	1776.1	1675.1	1564.4	1446.9
5°	1918.1	1985.4	2017.6	2025.7	2017.6	1985.4	1918.1	1830.9	1726.2	1609.8	1487.0
2.5°	1952.2	2020.7	2065.4	2060.3	2065.4	2020.7	1952.2	1865.0	1757.6	1636.8	1510.7
0°	1956.0	2027.6	2070.5	2090.3	2070.5	2027.6	1956.0	1872.4	1765.2	1646.2	1515.1
-2.5°	1952.2	2020.7	2065.4	2060.3	2065.4	2020.7	1952.2	1865.0	1757.6	1636.8	1510.7
-5°	1918.1	1985.4	2017.6	2025.7	2017.6	1985.4	1918.1	1830.9	1726.2	1609.8	1487.0
-7.5°	1856.0	1912.7	1951.9	1958.8	1951.9	1912.7	1856.0	1776.1	1675.1	1564.4	1446.9
-10°	1771.2	1822.8	1858.4	1866.4	1858.4	1822.8	1771.2	1696.2	1604.9	1502.2	1392.1
-12.5°	1669.7	1719.5	1751.7	1757.4	1751.7	1719.5	1669.7	1601.7	1521.9	1425.1	1325.2
-15°	1557.7	1605.8	1632.8	1642.6	1632.8	1605.8	1557.7	1495.1	1421.2	1337.3	1247.0
-17.5°	1439.6	1484.0	1506.8	1512.0	1506.8	1484.0	1439.6	1384.0	1317.8	1243.9	1163.7
-20°	1319.2	1354.9	1372.5	1381.6	1372.5	1354.9	1319.2	1269.8	1212.8	1147.8	1077.7



REPORT NUMBER: P626533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1201.4	1231.4	1244.0	1251.0	1244.0	1231.4	1201.4	1158.0	1108.7	1052.5	989.5
-25°	1086.7	1110.7	1121.7	1131.5	1121.7	1110.7	1086.7	1049.7	1006.0	956.6	900.2
-27.5°	976.1	995.5	1005.1	1011.4	1005.1	995.5	976.1	944.5	905.3	862.2	813.1
-30°	869.8	885.4	893.0	896.7	893.0	885.4	869.8	842.8	808.5	770.4	727.5
-32.5°	767.8	781.3	788.6	796.1	788.6	781.3	767.8	745.1	715.3	681.1	643.1
-35°	670.0	682.2	688.9	692.7	688.9	682.2	670.0	650.4	624.5	594.1	559.5
-37.5°	574.7	586.4	593.6	598.5	593.6	586.4	574.7	557.3	534.7	507.7	475.9
-40°	481.3	492.5	499.8	504.9	499.8	492.5	481.3	465.4	445.2	420.5	393.6
-42.5°	391.7	401.0	406.7	408.9	406.7	401.0	391.7	378.6	361.9	341.2	319.5
-45°	314.5	320.5	324.6	326.9	324.6	320.5	314.5	305.9	294.3	279.9	263.6
-47.5°	256.7	260.7	263.6	265.6	263.6	260.7	256.7	250.9	242.9	232.9	221.3
-50°	212.4	215.4	217.3	218.1	217.3	215.4	212.4	208.1	202.3	195.2	186.9
-52.5°	177.0	179.0	180.6	181.6	180.6	179.0	177.0	174.0	170.0	164.8	158.6
-55°	149.8	151.5	152.3	152.2	152.3	151.5	149.8	147.3	144.1	140.2	135.6
-57.5°	126.6	127.9	128.6	128.7	128.6	127.9	126.6	124.8	122.6	119.9	116.6
-60°	107.8	108.5	109.0	109.2	109.0	108.5	107.8	106.6	105.0	102.9	100.3
-62.5°	91.3	92.0	92.4	92.3	92.4	92.0	91.3	90.2	88.7	87.0	85.2
-65°	73.9	74.1	74.4	74.5	74.4	74.1	73.9	73.5	72.8	72.0	71.0
-67.5°	60.9	60.9	61.0	61.0	61.0	60.9	60.9	60.7	60.4	59.8	58.8
-70°	49.5	49.4	49.0	48.3	49.0	49.4	49.5	49.6	49.6	49.5	48.8
-72.5°	36.7	35.1	33.4	31.5	33.4	35.1	36.7	38.3	39.9	41.0	40.7
-75°	26.6	23.8	22.9	22.0	22.9	23.8	26.6	29.3	31.8	33.8	33.6
-77.5°	19.5	16.8	16.1	15.4	16.1	16.8	19.5	22.0	24.4	26.4	26.3
-80°	13.3	11.4	11.0	10.6	11.0	11.4	13.3	15.2	17.0	18.6	18.7
-82.5°	8.3	6.9	6.7	6.5	6.7	6.9	8.3	9.7	11.0	12.2	12.1
-85°	3.9	3.3	3.2	3.1	3.2	3.3	3.9	4.5	5.1	5.6	5.4
-87.5°	0.7	0.6	0.5	0.4	0.5	0.6	0.7	0.7	0.8	0.9	0.9
-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: P626533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-WR-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°	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.0	1.0	1.0	0.9
85°	5.3	5.1	5.0	5.0	5.0	4.9	4.8	4.3	3.8	3.4	3.0
82.5°	11.9	11.7	11.4	11.0	10.6	10.2	9.8	8.7	7.7	6.8	6.0
80°	18.8	18.8	18.6	17.9	17.1	16.3	15.3	13.7	12.1	10.6	9.6
77.5°	26.2	26.0	25.6	24.6	23.6	22.6	21.4	19.3	17.1	15.1	13.8
75°	33.3	32.9	32.3	31.1	29.8	28.4	26.9	25.0	22.9	20.5	18.8
72.5°	40.2	39.7	38.9	37.6	36.2	34.7	33.1	31.3	29.2	26.8	25.1
70°	48.1	47.2	46.0	44.6	43.1	41.5	39.9	38.1	35.9	33.5	31.7
67.5°	57.7	56.3	54.6	52.9	51.3	49.4	47.5	45.4	43.2	40.8	38.4
65°	69.6	67.7	65.6	63.7	61.5	58.9	56.0	53.4	50.9	48.2	45.1
62.5°	83.3	81.5	78.5	75.5	72.5	69.6	66.0	62.4	59.0	55.5	52.0
60°	97.4	94.1	90.9	87.4	83.6	79.6	75.7	71.6	67.3	63.2	58.9
57.5°	112.9	108.8	104.6	100.1	95.3	90.7	86.0	80.9	76.1	71.0	65.9
55°	130.6	125.7	120.3	114.5	108.4	103.0	97.2	91.3	85.5	79.1	73.4
52.5°	151.6	145.5	138.7	131.1	124.0	116.8	109.2	102.6	95.4	88.3	81.3
50°	178.5	169.8	160.4	150.8	142.0	132.5	123.6	115.0	106.2	98.0	89.8
47.5°	210.6	199.1	186.2	174.3	162.6	150.8	140.0	128.5	118.6	108.2	99.1
45°	249.7	234.4	217.8	202.7	186.3	172.0	158.1	145.0	131.9	120.3	108.6
42.5°	299.7	277.4	256.3	236.2	215.6	196.8	178.4	162.7	147.4	133.0	119.9
40°	364.0	331.4	304.4	275.6	250.6	225.5	203.4	181.7	164.3	147.2	131.2
37.5°	439.9	401.7	363.1	323.7	291.2	259.6	231.2	205.7	182.0	162.5	144.1
35°	520.1	477.1	430.8	384.7	337.1	298.9	262.8	231.4	203.7	178.6	157.3
32.5°	600.2	552.9	502.0	449.4	395.9	342.5	299.1	260.2	225.5	197.0	171.8
30°	680.2	628.3	572.6	515.1	456.5	396.5	337.3	291.9	251.2	215.4	186.4
27.5°	760.5	704.3	643.3	580.0	516.8	451.4	385.9	324.5	277.0	236.5	202.4
25°	840.9	778.0	712.5	643.6	574.8	505.2	432.8	364.4	305.9	257.7	217.2
22.5°	921.5	850.9	777.9	703.9	629.8	555.6	479.8	403.5	333.3	279.2	234.5
20°	1001.2	921.9	841.9	761.8	681.9	602.4	523.2	441.8	365.6	301.5	250.6
17.5°	1077.9	989.8	903.0	816.1	730.6	646.4	562.2	477.2	394.4	321.3	264.8
15°	1151.1	1054.9	960.6	867.3	775.1	684.6	596.7	508.2	420.5	342.0	280.4
12.5°	1220.0	1115.1	1012.3	911.1	813.1	718.3	626.8	535.5	445.2	362.2	294.3
10°	1278.9	1166.3	1055.7	948.9	846.0	746.9	651.7	558.5	466.3	378.9	305.6
7.5°	1326.8	1207.5	1090.9	978.9	871.8	769.7	671.0	576.2	483.1	392.1	314.4
5°	1361.8	1237.8	1117.0	1001.1	889.7	786.3	684.5	588.3	495.2	401.4	320.5
2.5°	1383.5	1256.1	1132.5	1014.5	900.1	796.3	692.4	595.6	502.1	406.5	324.4
0°	1387.5	1264.7	1137.4	1016.0	906.0	799.2	694.5	598.3	503.9	407.6	325.6
-2.5°	1383.5	1256.1	1132.5	1014.5	900.1	796.3	692.4	595.6	502.1	406.5	324.4
-5°	1361.8	1237.8	1117.0	1001.1	889.7	786.3	684.5	588.3	495.2	401.4	320.5
-7.5°	1326.8	1207.5	1090.9	978.9	871.8	769.7	671.0	576.2	483.1	392.1	314.4
-10°	1278.9	1166.3	1055.7	948.9	846.0	746.9	651.7	558.5	466.3	378.9	305.6
-12.5°	1220.0	1115.1	1012.3	911.1	813.1	718.3	626.8	535.5	445.2	362.2	294.3
-15°	1151.1	1054.9	960.6	867.3	775.1	684.6	596.7	508.2	420.5	342.0	280.4
-17.5°	1077.9	989.8	903.0	816.1	730.6	646.4	562.2	477.2	394.4	321.3	264.8
-20°	1001.2	921.9	841.9	761.8	681.9	602.4	523.2	441.8	365.6	301.5	250.6



Classified

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

Scaled Data Report



REPORT NUMBER: P626533 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	921.5	850.9	777.9	703.9	629.8	555.6	479.8	403.5	333.3	279.2	234.5
-25°	840.9	778.0	712.5	643.6	574.8	505.2	432.8	364.4	305.9	257.7	217.2
-27.5°	760.5	704.3	643.3	580.0	516.8	451.4	385.9	324.5	277.0	236.5	202.4
-30°	680.2	628.3	572.6	515.1	456.5	396.5	337.3	291.9	251.2	215.4	186.4
-32.5°	600.2	552.9	502.0	449.4	395.9	342.5	299.1	260.2	225.5	197.0	171.8
-35°	520.1	477.1	430.8	384.7	337.1	298.9	262.8	231.4	203.7	178.6	157.3
-37.5°	439.9	401.7	363.1	323.7	291.2	259.6	231.2	205.7	182.0	162.5	144.1
-40°	364.0	331.4	304.4	275.6	250.6	225.5	203.4	181.7	164.3	147.2	131.2
-42.5°	299.7	277.4	256.3	236.2	215.6	196.8	178.4	162.7	147.4	133.0	119.9
-45°	249.7	234.4	217.8	202.7	186.3	172.0	158.1	145.0	131.9	120.3	108.6
-47.5°	210.6	199.1	186.2	174.3	162.6	150.8	140.0	128.5	118.6	108.2	99.1
-50°	178.5	169.8	160.4	150.8	142.0	132.5	123.6	115.0	106.2	98.0	89.8
-52.5°	151.6	145.5	138.7	131.1	124.0	116.8	109.2	102.6	95.4	88.3	81.3
-55°	130.6	125.7	120.3	114.5	108.4	103.0	97.2	91.3	85.5	79.1	73.4
-57.5°	112.9	108.8	104.6	100.1	95.3	90.7	86.0	80.9	76.1	71.0	65.9
-60°	97.4	94.1	90.9	87.4	83.6	79.6	75.7	71.6	67.3	63.2	58.9
-62.5°	83.3	81.5	78.5	75.5	72.5	69.6	66.0	62.4	59.0	55.5	52.0
-65°	69.6	67.7	65.6	63.7	61.5	58.9	56.0	53.4	50.9	48.2	45.1
-67.5°	57.7	56.3	54.6	52.9	51.3	49.4	47.5	45.4	43.2	40.8	38.4
-70°	48.1	47.2	46.0	44.6	43.1	41.5	39.9	38.1	35.9	33.5	31.7
-72.5°	40.2	39.7	38.9	37.6	36.2	34.7	33.1	31.3	29.2	26.8	25.1
-75°	33.3	32.9	32.3	31.1	29.8	28.4	26.9	25.0	22.9	20.5	18.8
-77.5°	26.2	26.0	25.6	24.6	23.6	22.6	21.4	19.3	17.1	15.1	13.8
-80°	18.8	18.8	18.6	17.9	17.1	16.3	15.3	13.7	12.1	10.6	9.6
-82.5°	11.9	11.7	11.4	11.0	10.6	10.2	9.8	8.7	7.7	6.8	6.0
-85°	5.3	5.1	5.0	5.0	5.0	4.9	4.8	4.3	3.8	3.4	3.0
-87.5°	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.0	1.0	1.0	0.9
-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: P626533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-WR-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°	1.0	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1
85°	3.1	3.2	3.2	3.1	2.9	2.7	2.7	2.6	2.5	2.4	2.2
82.5°	6.2	6.4	6.5	6.5	6.1	5.7	5.2	4.7	4.2	3.6	3.3
80°	10.0	10.2	10.3	10.1	9.4	8.6	8.0	7.3	6.6	5.8	5.0
77.5°	14.1	14.2	14.2	14.0	13.1	12.1	11.1	10.0	9.0	8.1	7.0
75°	18.5	18.5	18.5	18.0	16.9	15.6	14.3	13.0	11.6	10.3	9.0
72.5°	24.1	23.4	22.8	22.0	20.8	19.3	17.7	15.9	14.2	12.5	11.0
70°	30.1	28.4	27.2	26.0	24.6	23.1	21.3	19.0	16.7	14.7	12.9
67.5°	36.3	34.2	32.2	30.1	28.4	26.7	24.8	22.1	19.3	16.8	14.7
65°	42.3	39.8	37.5	34.7	32.3	30.2	28.1	25.0	21.8	19.0	16.4
62.5°	48.4	45.0	42.1	39.1	36.2	33.6	31.3	27.7	24.2	21.0	18.1
60°	54.6	50.7	46.7	43.3	40.0	36.9	34.0	30.4	26.6	22.9	19.7
57.5°	61.1	56.4	51.9	47.5	43.7	40.1	36.5	32.8	28.8	24.9	21.2
55°	67.7	62.3	57.0	52.1	47.5	43.4	39.2	35.1	31.0	26.8	22.3
52.5°	74.7	68.4	62.5	56.7	51.4	46.6	42.0	37.4	33.1	28.6	23.5
50°	82.1	74.9	68.1	61.6	55.4	50.0	44.8	39.9	35.1	30.4	24.7
47.5°	89.9	81.8	74.0	66.6	59.8	53.3	47.7	42.3	37.1	32.1	25.8
45°	98.6	88.8	80.1	71.9	64.1	56.9	50.5	44.7	39.2	33.4	26.7
42.5°	107.2	96.4	86.4	77.1	68.7	60.7	53.3	47.1	41.2	34.5	27.7
40°	117.2	104.2	92.7	82.7	73.2	64.2	56.4	49.5	43.1	35.7	28.6
37.5°	126.9	112.6	99.7	88.0	77.7	68.2	59.5	51.7	44.6	36.9	29.4
35°	138.4	121.2	106.2	93.6	82.4	72.0	62.3	54.0	46.3	38.1	30.1
32.5°	149.5	130.0	113.6	99.3	86.7	75.6	65.4	56.4	47.9	39.2	30.8
30°	161.7	139.6	120.6	104.7	91.1	79.3	68.4	58.6	49.6	40.3	31.4
27.5°	173.4	148.4	127.4	110.4	95.7	82.8	71.3	60.7	51.3	41.4	32.2
25°	185.1	157.9	134.9	115.8	99.9	86.0	73.9	62.6	53.0	42.7	32.9
22.5°	197.7	167.1	141.7	120.7	103.7	88.9	76.4	64.8	54.5	43.9	33.5
20°	209.4	175.4	147.7	125.4	107.5	92.0	78.7	66.7	55.9	45.0	34.0
17.5°	220.4	183.9	154.4	130.4	111.1	94.8	80.8	68.3	57.1	46.0	34.4
15°	231.9	192.3	160.5	134.8	114.2	97.2	82.5	69.8	58.2	47.0	34.8
12.5°	241.7	199.5	165.5	138.5	116.8	99.1	84.0	71.0	59.1	47.8	35.2
10°	249.7	205.3	169.6	141.5	118.9	100.7	85.2	71.9	59.8	48.4	35.4
7.5°	256.0	209.7	172.7	143.7	120.5	102.0	86.1	72.7	60.3	48.8	35.4
5°	260.4	212.7	175.0	145.3	121.7	102.9	86.8	73.2	60.7	49.0	35.3
2.5°	262.7	214.5	176.4	146.2	122.4	103.3	87.2	73.4	60.9	49.1	35.1
0°	263.1	214.8	176.8	146.3	122.6	103.4	87.3	73.4	60.9	48.9	34.7
-2.5°	262.7	214.5	176.4	146.2	122.4	103.3	87.2	73.4	60.9	49.1	35.1
-5°	260.4	212.7	175.0	145.3	121.7	102.9	86.8	73.2	60.7	49.0	35.3
-7.5°	256.0	209.7	172.7	143.7	120.5	102.0	86.1	72.7	60.3	48.8	35.4
-10°	249.7	205.3	169.6	141.5	118.9	100.7	85.2	71.9	59.8	48.4	35.4
-12.5°	241.7	199.5	165.5	138.5	116.8	99.1	84.0	71.0	59.1	47.8	35.2
-15°	231.9	192.3	160.5	134.8	114.2	97.2	82.5	69.8	58.2	47.0	34.8
-17.5°	220.4	183.9	154.4	130.4	111.1	94.8	80.8	68.3	57.1	46.0	34.4
-20°	209.4	175.4	147.7	125.4	107.5	92.0	78.7	66.7	55.9	45.0	34.0

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Scaled Data Report



REPORT NUMBER: P626533 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	197.7	167.1	141.7	120.7	103.7	88.9	76.4	64.8	54.5	43.9	33.5
-25°	185.1	157.9	134.9	115.8	99.9	86.0	73.9	62.6	53.0	42.7	32.9
-27.5°	173.4	148.4	127.4	110.4	95.7	82.8	71.3	60.7	51.3	41.4	32.2
-30°	161.7	139.6	120.6	104.7	91.1	79.3	68.4	58.6	49.6	40.3	31.4
-32.5°	149.5	130.0	113.6	99.3	86.7	75.6	65.4	56.4	47.9	39.2	30.8
-35°	138.4	121.2	106.2	93.6	82.4	72.0	62.3	54.0	46.3	38.1	30.1
-37.5°	126.9	112.6	99.7	88.0	77.7	68.2	59.5	51.7	44.6	36.9	29.4
-40°	117.2	104.2	92.7	82.7	73.2	64.2	56.4	49.5	43.1	35.7	28.6
-42.5°	107.2	96.4	86.4	77.1	68.7	60.7	53.3	47.1	41.2	34.5	27.7
-45°	98.6	88.8	80.1	71.9	64.1	56.9	50.5	44.7	39.2	33.4	26.7
-47.5°	89.9	81.8	74.0	66.6	59.8	53.3	47.7	42.3	37.1	32.1	25.8
-50°	82.1	74.9	68.1	61.6	55.4	50.0	44.8	39.9	35.1	30.4	24.7
-52.5°	74.7	68.4	62.5	56.7	51.4	46.6	42.0	37.4	33.1	28.6	23.5
-55°	67.7	62.3	57.0	52.1	47.5	43.4	39.2	35.1	31.0	26.8	22.3
-57.5°	61.1	56.4	51.9	47.5	43.7	40.1	36.5	32.8	28.8	24.9	21.2
-60°	54.6	50.7	46.7	43.3	40.0	36.9	34.0	30.4	26.6	22.9	19.7
-62.5°	48.4	45.0	42.1	39.1	36.2	33.6	31.3	27.7	24.2	21.0	18.1
-65°	42.3	39.8	37.5	34.7	32.3	30.2	28.1	25.0	21.8	19.0	16.4
-67.5°	36.3	34.2	32.2	30.1	28.4	26.7	24.8	22.1	19.3	16.8	14.7
-70°	30.1	28.4	27.2	26.0	24.6	23.1	21.3	19.0	16.7	14.7	12.9
-72.5°	24.1	23.4	22.8	22.0	20.8	19.3	17.7	15.9	14.2	12.5	11.0
-75°	18.5	18.5	18.5	18.0	16.9	15.6	14.3	13.0	11.6	10.3	9.0
-77.5°	14.1	14.2	14.2	14.0	13.1	12.1	11.1	10.0	9.0	8.1	7.0
-80°	10.0	10.2	10.3	10.1	9.4	8.6	8.0	7.3	6.6	5.8	5.0
-82.5°	6.2	6.4	6.5	6.5	6.1	5.7	5.2	4.7	4.2	3.6	3.3
-85°	3.1	3.2	3.2	3.1	2.9	2.7	2.7	2.6	2.5	2.4	2.2
-87.5°	1.0	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1
-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: P626533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-722-U-WR-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°	1.0	0.8	0.6	0.4	0.2	0.1	0.0
85°	2.0	1.5	1.1	0.8	0.5	0.2	0.0
82.5°	2.9	2.3	1.7	1.2	0.7	0.3	0.0
80°	4.0	3.0	2.3	1.6	1.0	0.4	0.0
77.5°	5.7	4.0	2.8	2.0	1.2	0.5	0.0
75°	7.4	5.2	3.4	2.3	1.4	0.6	0.0
72.5°	9.0	6.4	4.2	2.7	1.7	0.7	0.0
70°	10.6	7.6	5.0	3.1	1.9	0.8	0.0
67.5°	11.9	8.7	5.8	3.6	2.1	0.9	0.0
65°	13.2	9.7	6.5	4.1	2.3	1.0	0.0
62.5°	14.4	10.6	7.2	4.5	2.5	1.1	0.0
60°	15.5	11.4	7.9	4.9	2.7	1.2	0.0
57.5°	16.5	12.2	8.4	5.3	2.9	1.3	0.0
55°	17.4	13.0	9.0	5.7	3.2	1.4	0.0
52.5°	18.3	13.6	9.5	6.0	3.4	1.4	0.0
50°	19.1	14.2	9.9	6.3	3.6	1.5	0.0
47.5°	19.8	14.8	10.3	6.5	3.8	1.6	0.0
45°	20.6	15.3	10.7	6.8	4.0	1.7	0.0
42.5°	21.3	15.7	11.0	7.0	4.2	1.7	0.0
40°	21.9	16.1	11.3	7.3	4.3	1.8	0.0
37.5°	22.5	16.4	11.5	7.6	4.5	1.8	0.0
35°	22.9	16.7	11.7	7.8	4.6	1.9	0.0
32.5°	23.3	17.0	11.9	8.0	4.7	1.9	0.0
30°	23.8	17.3	12.0	8.2	4.9	2.0	0.0
27.5°	24.2	17.5	12.3	8.4	5.0	2.0	0.0
25°	24.5	17.6	12.5	8.5	5.1	2.0	0.0
22.5°	24.7	17.7	12.7	8.7	5.1	2.1	0.0
20°	24.8	18.0	12.9	8.8	5.2	2.1	0.0
17.5°	25.1	18.3	13.1	8.9	5.3	2.1	0.0
15°	25.4	18.5	13.2	9.0	5.3	2.1	0.0
12.5°	25.7	18.7	13.3	9.0	5.3	2.1	0.0
10°	25.8	18.8	13.4	9.0	5.4	2.1	0.0
7.5°	25.9	18.8	13.4	9.0	5.4	2.1	0.0
5°	25.9	18.8	13.4	9.0	5.4	2.1	0.0
2.5°	25.8	18.7	13.4	9.0	5.3	2.1	0.0
0°	25.6	18.6	13.3	8.9	5.3	2.1	0.0
-2.5°	25.8	18.7	13.4	9.0	5.3	2.1	0.0
-5°	25.9	18.8	13.4	9.0	5.4	2.1	0.0
-7.5°	25.9	18.8	13.4	9.0	5.4	2.1	0.0
-10°	25.8	18.8	13.4	9.0	5.4	2.1	0.0
-12.5°	25.7	18.7	13.3	9.0	5.3	2.1	0.0
-15°	25.4	18.5	13.2	9.0	5.3	2.1	0.0
-17.5°	25.1	18.3	13.1	8.9	5.3	2.1	0.0
-20°	24.8	18.0	12.9	8.8	5.2	2.1	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.7	17.7	12.7	8.7	5.1	2.1	0.0
-25°	24.5	17.6	12.5	8.5	5.1	2.0	0.0
-27.5°	24.2	17.5	12.3	8.4	5.0	2.0	0.0
-30°	23.8	17.3	12.0	8.2	4.9	2.0	0.0
-32.5°	23.3	17.0	11.9	8.0	4.7	1.9	0.0
-35°	22.9	16.7	11.7	7.8	4.6	1.9	0.0
-37.5°	22.5	16.4	11.5	7.6	4.5	1.8	0.0
-40°	21.9	16.1	11.3	7.3	4.3	1.8	0.0
-42.5°	21.3	15.7	11.0	7.0	4.2	1.7	0.0
-45°	20.6	15.3	10.7	6.8	4.0	1.7	0.0
-47.5°	19.8	14.8	10.3	6.5	3.8	1.6	0.0
-50°	19.1	14.2	9.9	6.3	3.6	1.5	0.0
-52.5°	18.3	13.6	9.5	6.0	3.4	1.4	0.0
-55°	17.4	13.0	9.0	5.7	3.2	1.4	0.0
-57.5°	16.5	12.2	8.4	5.3	2.9	1.3	0.0
-60°	15.5	11.4	7.9	4.9	2.7	1.2	0.0
-62.5°	14.4	10.6	7.2	4.5	2.5	1.1	0.0
-65°	13.2	9.7	6.5	4.1	2.3	1.0	0.0
-67.5°	11.9	8.7	5.8	3.6	2.1	0.9	0.0
-70°	10.6	7.6	5.0	3.1	1.9	0.8	0.0
-72.5°	9.0	6.4	4.2	2.7	1.7	0.7	0.0
-75°	7.4	5.2	3.4	2.3	1.4	0.6	0.0
-77.5°	5.7	4.0	2.8	2.0	1.2	0.5	0.0
-80°	4.0	3.0	2.3	1.6	1.0	0.4	0.0
-82.5°	2.9	2.3	1.7	1.2	0.7	0.3	0.0
-85°	2.0	1.5	1.1	0.8	0.5	0.2	0.0
-87.5°	1.0	0.8	0.6	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)